

16th Annual Report 2018-2019



16th ANNUAL REPORT-2018 – 19

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Executive Summary

April 1, 2018 to March 31, 2019

Preamble

Nirma University has always been striving for sustainable development and growth to attain the laid down vision, mission and objectives. It is a pioneering educational organisation that paves way for the aspiring individuals to attain their goals. It not only stands as a symbol of knowledge and wisdom but also enlightens all those who seek to elevate their potential.

This university holds the ever burning torch of knowledge to light up the path of all who crave for more and who are dedicated for the benefit of the society. Keeping the flame bright, this financial year has also added value in maintenance and sustenance of quality teaching – learning and research.

The executive summary contains at a glance major accomplishments of the university and its constituent institutes during the financial year 2018-19.

Institute of Technology

Accreditation

Four programmes of the Institute of Technology; Computer Science and Engineering, Mechanical Engineering, Chemical Engineering and Electronics and Communication Engineering are accredited by the National Board of Accreditation for a period of three years in March 2019. The Institute earn the distinction of being the only unaided institute in the State of Gujarat having its programmes NBA accredited in Tier I category. These programmes will now be accepted in the countries bound by the Washington Accord.

Rankings

The prominent rankings are highlighted as under:

- Rank 10th in Times of India Ranking 2019.
- Ranked 8th Top Engineering Colleges of Super Excellence, and 1st in Gujarat State, as per the survey of Competition Success Review-GHRDC Engineering Colleges Survey 2018. (July, 2018)
- Ranked 11th in Top Private T-100 Schools 2018, and 11th in West Zone under zone wise, as per the Dataquest CMR T-School Survey 2018. (June, 2018)
- Ranked 11th in the Top 20 Private Colleges by Outlook Magazine 2018. (July, 2018)
- Ranked 23rd in Top T-100 Schools 2019 (Overall – Govt. and Private combined) across the country as per Dataquest CMR T-School Survey 2019 (March, 2019)
- Ranked 23rd in Top 100 T Schools 2018 (Govt. and Private Combined) across the country as per the Dataquest CMR T-School Survey 2018 (June, 2018)
- Ranked 13th amongst Private Engineering Colleges Ranking by Digital Learning. (April, 2018)
- Ranked 39th amongst India's Top 100 Engineering Institutes, and Ranked 2nd in Gujarat State as per Education World India Institutes Ranking 2018. (May, 2018)
- Listed in the AAAA category amongst Engineering Institute in Gujarat as per the survey conducted by Careers 360 in 2018. (April, 2018)

Faculty Awards

- Dr. H. K. Patel, Faculty advisor of ISA (International Society of Automation) is honoured with the prestigious leadership position of Chair-Student Affairs, ISA District' 14 (Asia-Pacific). The tenure of his position will be from January 2019 to January 2021.
- Prof. Balkrushna Shah of Mechanical Engineering Department and Student Branch Advisor (SBA) of ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning

Engineers) is awarded '2018 Student Branch Advisor of the Year Award' in recognition of his outstanding services and leadership in fostering the growth and strength of the Nirma University Student Branch in Atlanta, Georgia, USA from January 12-16, 2019.

- Dr. D. M. Adhyaru, Head, Instrumentation & Control department received the ISTE – Best Engineering College Teacher Award for Gujarat State-2018.
- Dr. Priyanka Sharma has received recognition as a Deep Learning Ambassador by the NVIDIA, an American Company known to be world leaders in GPU Computations and Deep Learning.

Students' Awards

- Team "CON-SL-E 3.0" of IC Department from the Institute of Technology, Nirma University was runner up in Mitsubishi Cup-MECUP-4 in the 4th Mitsubishi Electric Cup (a national level automation competition for students) organised by Mitsubishi Electric India Pvt Ltd. at MRIIS, Faridabad during February 14-16, 2019. Along with the Silver Cup the team received a cash prize of Rs.75,000/-.
- Team Stallions participated in All-Terrain Vehicle ATV BAJA SAE India Competition and emerged out as winners. Team Stallions with their e-BAJA ATV was conferred with 'Overall Champions Award' for the brilliant ATV performance during the 12th edition of SAE BAJA INDIA organized from January 24-27, 2019. The competition was in the category of m-BAJA (petrol engine driven cars) and e-BAJA (battery driven electric cars) category. The m-BAJA team won the 'Best Skill BAJA award' for exhibiting exemplary manufacturing skills which included cutting, welding and bending of roll cage parts. Team e-BAJA won awards including, 1st in Sales; 1st in CAE, 1st in acceleration, and 1st in durability.
- Team Nirma Robocon won the National event of 2018 defeating around 113 teams of various Engineering Institutes across the country including IITs and NITs. This year Team Nirma Robocon represented India at ABU International Robocon event held at NinhBinh, Vietnam during August 24-27, 2018. The team won "ROHM Award" for the Innovative Design.
- A student team of IC department participated in the Innovseed Incubation LLP- Project Expo-2019 held at Surat Convention Centre on March 23, 2019 supported by NITI Aayog and won second prize with prize money of INR 50,000/-.

Major Events Organised

Workshop on Emerging Research Topics in Engineering

IEEE Gujarat Section in collaboration with the Nirma University organized a two day workshop on "Emerging Research Topics in Engineering (ERTE)" on February 2-3, 2019. The theme of the workshop was 'Artificial Intelligence and Deep Learning.' Eminent experts from IBM Research Lab, IISc Bangalore, University of Hyderabad, Rygbee Inc., DA-IICT were invited to share their knowledge with the audience on the topics of Artificial Intelligence, Machine Learning, and Deep Learning.

National colloquium on Advancements in Seismic Design of Masonry Structures

Civil Engineering Department organized a National Colloquium on "Advancements in Seismic Design of Masonry Structures" during January 30-31, 2019. Prof. Daniel Abrams, Emeritus Professor, University of Illinois at Urbana-Champaign, U.S.A, and Fulbright Specialist, USIEF, New Delhi delivered expert lectures and conducted laboratory sessions during the colloquium.

Institute of Management

Rankings

- The Institute has been ranked as the top 15th B-School pan India by Business Standard, published in December 2018.

- Ranked as the 28th Best B-School pan India by The Week, published in November 2018.
- Ranked as the top 8th Private B-School pan India by CSR-GHRDC B-School Survey and published in Competition Success Review, November 2018 issue.
- Ranked as the top 31st B-School pan India by BW Business World, published in November 2018.
- Ranked as the top 30th B-School pan India by Outlook Drishti, published in October 2018.
- Ranked as the top 25th B-School pan India, published in Dalal Street Investment Journal in February 2019.

Faculty Awards

- Prof. Nityesh Bhatt received the ‘Startup and ICT Awards for the Best Innovative use of E-Governance’ by Global Knowledge Research Foundation at Goa during the Second International Research Symposium on Computing and Network Sustainability 2018.
- Prof. Sameer Pingle received the ‘Best HR Faculty Award’ by National Institute of Personnel Management, Kolkata.

Major Events Organised

- The 22nd Nirma International Conference on Management (NICOM) was organized during January 17-19, 2019. The central theme of the conference was “Business Economy and Environment: The New Normal”.
- Anvesh – 2018, the 14th Doctoral Research Conference was organized during April 6-7, 2018.
- The 8th Annual National Conference on Quality Management was organized by Institute of Management, Nirma University and ASQ (American Society for Quality) Ahmedabad LMC during Nov 30-Dec 1, 2018. The theme for this year was “VUCA Challenges: Sustainability through Quality”.

Institute of Pharmacy

NIRF Ranking 2019

Institute of Pharmacy received 21st rank at all India level by NIRF 2019 (National Institutional Ranking Framework), MHRD (Ministry of Human Resource Development, Govt. of India.).

Infrastructure development Grants

Institute of Pharmacy along with Institute of Science received financial assistance of Rs. 5.0 crore to develop National facility for analytical characterization and biological evaluation of biosimilars by Department of Science and Technology [DST] under DPRP Scheme.

Faculty Awards

- Prof Manjunath Ghate received the IPER’s Principle of the Year Award-2018, APTI, India.
- Prof Priti Mehta received the APTI Women of the Year Award-2018, APTI, India.

Students’ Achievement

- Mr. Vandit Shah, B. Pharm. final year student was selected for Internship Programme at Harvard Stem Cell Institute, Harvard University, Boston which he completed during May 28 - August 16, 2018.

- Mr. Harshil Shah, M.Pharm. (Pharmaceutical Chemistry) student, received Khorana Scholarship from Department of Biotechnology (DBT) and Indo-US Scientific & Technical Forum (IUSSTF) for Summer Internship at University of North Carolina, USA for 10-12 weeks which includes a Round Trip Air-Fare, Stipend of 2500 USD and a Health Insurance of 500 USD.

Major Events Organized

- The Institute organized 3rd National Conference (NCIP) on “Integrating Natural and Modern Medicines in Drug Discovery and Development” during January 24-25, 2019.
- Institute of Pharmacy Nirma University Alumni Association (IPNUAA) organized three Alumni meet/s department-wise during the year.

Institute of Science

Infrastructure development Grants

Institute of Science along with Institute Pharmacy received financial support of Rs 5.00 crores from DST, New Delhi under Drugs and Pharmaceuticals Research Programme (DPRP) Scheme to develop “National Facility for Analytical Characterization and Biological Evaluation of Biosimilars”.

Major Events Organised

Institute of Science organized a one-day programme on CRISPR/Cas9 in Genome Editing, under the banner of Centre for Continuing Education, Nirma University, Ahmedabad on March 2, 2019. The programme was sponsored by GSBTM.

Institute of Law

Awards

The Legal Aid Clinic, Institute of Law, Nirma University received the Award of Excellence for Contribution in Social Justice and Legal Aid from Knowledge Steez & Youth for Human Rights, India. The Award was given at the 3rd National Conference on Human Rights & Gender Justice 2018 held at the Indian Law Institute, New Delhi on June 23, 2018.

Rankings

- Ranked 8th in Best Law College among the private law colleges in India, and 4th Best Private Law College (western zone) by The Week, June-2018.
- Ranked 8th in Best Professional Law Colleges in India, Outlook, June 2018.

Major Events Organised

- **International Conference on Justice Education**

Institute of Law organized the International Conference on Justice Education, on the theme of AI and its Legal Implications during March 15-16, 2019 in collaboration with the Advanced Centre on Research, Development and Training in Cyber Law & Forensics, NLSIU Bengaluru, Cyril Amarchand Mangaldas, Privy Legal Service LLP, Centre for Internet and Society- Access to Knowledge, Infinity Law- Tech Educational Services (ILTES), Jus

Dicere, Saarthi AI, Lex Warriar and EBC. The Chief Guest of the inaugural session of the Conference was Hon'ble Mr. Justice B.N. Srikrishna, Former Judge, Supreme Court of India.

- **International Seminar on Transnational Litigation**

The Institute organized an International Seminar on Transnational Litigation during March 23-24, 2019. Shri Dushyant Dave, Senior Advocate, Supreme Court of India was the Chief Guest of the inaugural session.

Students' Achievements

Moot Court Achievement

S. No.	MOOT COURT PARTICIPATED	MEMBERS	RESULT
1	CCI NLUD Moot Court Competition	Ojasvi Mishra, Sneha Sharma Rajeev Tiwari	Winners
2	Jindal Tech Moot Court Competition	Arya Vineeth, Devansh Dubey Payas Jain, Shubhsmitta	Winners
3	Justa Causa Moot Court Competition	Sakshi Pawar, Aviral Thakre Yash Bhootra	Winners
4	National Trial Advocacy and Judgment Writing Competition, Christ University	Atharv Arya, Shraddha Sharma Ashwini Gehlot	Winners

Institute of Architecture & Planning

Faculty Awards and Recognition

Prof. Utpal Sharma received the following awards:

Honorary Doctorate from Ecole Superieure Robert De Sorbon, France.

Devang Mehta National Education award from B-School Affair and Devang Mehta National Education Foundation.

'Asia Pacific International Education Excellence Award from Achievers Association for Health and Education Growth.

Students' Achievements

Mr. Yasin Kabaria was awarded with "Shri N.K. Patel - GICEA Gold medal' for excellence in academics for three years in 2014-15, 2015-16 and 2017-18 by The Gujarat Institute of Civil Engineering and Architects (GICEA).

Mr. Hemil Ganatra and Mr. David Paul from IAPNU won second prize in Times of India Torrent Power Speaking Contest.

Major Events Organised

The institute hosted the Twentieth Annual NOSPlan Convention from Dec 24-26, 2018 on the theme “Reflection of the City” and the convention was aptly named “Pratibimb” signifying “Reflection” with an aim of understanding the city fabric in its entirety. The three-day convention was inaugurated by Padma Shri B V Doshi and Dr Jagath Munashinghe, Chairman, Urban Development Authority, Sri Lanka.

Institute of Commerce

Major Events Organised

The first edition of Cultural and Literary Festival – ELYSIAN 2019 was launched with the theme – “High on Colours” scheduled on Feb 12-13, 2019. The two day cultural and literary event had 9 competitions in its store. A total of around 557 students participated in various events of which 400 plus students belonged to various colleges and universities across the country.

Students’ Achievements

Mr Ashish Korat, Mr Abhishek Gandhi, and Mr Harsh Gupta were the winners at SBI’s National Level Quiz Competition – “NUMEROYONO”, a Digital Quiz round organised at the state level. They competed against 250 teams from across Gujarat and achieved this feat.

Department of Design

Major Events Organized

Department of Design festival: REDO

The Department of Design organised the first edition of its cultural festival- ReDo, from March 8 - 22, 2019. The festival had a series of workshops in which expert artisans and designers were invited to conduct hands-on events like Kaavad, Bamboo and Leather craft. There were theatre workshops, film screenings, and a cooking competition sponsored by Nestle. Talks by Ms. Mahek Malhotra (CEO, Giggling Monkey) and Mr. Mithilesh Valzawar (Coffee expert). Stand-up comedian Urooj Ashfaq was also a part of the festival.

Students’ Achievements

- Tanvi Kumar, Semester II, Industrial Design has following achievements to her credit: Gold Medal in Kumite (Fight), and Silver Medal in Kata at SKSI’s 9th International Karate Championship (approved by Karate Association of India) held during Dec 27-28, 2018. Silver Medal in Kumite (Fight) at the Ahmedabad District Selection Karate Tournament (org. by Karate Association of Ahmedabad), Aug 19, 2018.
- Akanksha Shah, Semester II, Industrial Design stood third at Gujarat State Chess - U/19, Oct 27, 2018. She also won a third position at Khel Maha Kumbh State Chess organised on Dec 18, 2018.

Research Highlights

With the objective of aligning the faculty with all the aspects of research being undertaken at the university, a research policy was formulated in 2014. Further with the objective to provide ethical research framework and to promote exemplary standards in research and scholarship, the ‘Code of Ethics for Research’ was framed vide notification dated May 11, 2015.

The prominent highlight of the research work for the financial year (2018-19) are as listed in the table underneath:

Major and Minor Research Projects sanctioned

(Amount in Lacs)

Type of Research Projects	Projects Sanctioned during the year				Total ongoing Research Projects as on 31.03.2019	
	2017-18		2018-19		Number	Amount
	Number	Amount	Number	Amount		
Major (External)	12	230.15	08	629.68	30	1119.02
Major (Internal)	-	-	01	29.91	02	58.83
Minor (External)	2	5.05	06	10.27	12	34.07
Minor (Internal)	14	12.34	11	12.80	12	13.40
Grand Total (Major & Minor)	28	247.54	26	682.66	56	1225.32

Research Publications

Year	National Journal	International Journal
	Total number of papers published	Total number of papers published
2017-18	41	166
2018-19	27	168

Patents

2 patents are filed from Institute of Technology, Nirma University in the year 2018-19; whereas 2 patents have been published (1 from Institute of Pharmacy and 1 from Institute of Technology, Nirma University).

Books Published

The faculty members of the constituent institutes of the university published 18 books during the year 2018-19.

PhD

During the year, 53 students have been registered for the PhD programmes. 41 students have been awarded the PhD degree. The cumulative total number of students registered for PhD and continuing in the programme as on March 31, 2019 is 312, which excludes 41 students awarded degree and 19 students whose admissions were cancelled. 7 new faculty members were newly recognized as PhD guides during the financial year, which brings the number of recognized guides to 175 (as on March 31, 2019). It includes internal and external guides.

Central Office

Central Office

Preamble

As per the provision of Section 25(6) and Section 12(2)(iv) of Nirma University Act, 2003 (Amended 2009), it is required to prepare each year a report of its activities conducted during the previous year and submit it in the form of an Annual Report to the Board of Governors for its review and approval.

The Nirma University has got its Central Office and constituent Institutes, viz. the Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law, Institute of Architecture & Planning, Institute of Commerce and Department of Design. During the year 2018-19, a number of activities were conducted in the Central Office as well as in the constituent Institutes of the University. The details of these activities are narrated in this report for the period from **April 1, 2018 to March 31, 2019**.

Meeting of Authorities and other Bodies

The details of the members of the Authorities, viz. the Board of Governors, Academic Council, Finance Committee and the Statutory Officers of the University during the year are given in Appendix – A. [page 14 - 18]

This year the University conducted meetings of the different authorities of the University and also that of the other bodies, like faculties, boards, committees and councils. The details of the Meetings held are given in Appendix – B [page 19]. The details of important decisions taken by the Board of Governors and Academic Council are given below:

Board of Governors

- a) Institution of new medal for overall scholastic performance due to addition of new programme 'Integrated Bachelor of Business Administration-Master of Business Administration (Integrated BBA-MBA)' under Faculty of Management, (Resolution No. 3(B) dated 21.04.2018)
- b) Revision of Academic Regulations of B. Pharm. programme by introduction of new regulations in pursuance to the 'Bachelor of Pharmacy (B.Pharm.) Course Regulations, 2014' as prescribed by the Pharmacy Council of India, (Resolution No. 4(A)(i) dated 21.04.2018)
- c) Amendment in nomenclature of Master of Business Administration (Integrated Programme) to Integrated Bachelor of Business Administration-Master of Business Administration, (Resolution No. 4(A)(ii) dated 21.04.2018)
- d) Amendment in academic regulation of B.Arch. programme by addition of a new clause with regard to initial registration in the next higher semester if he/she fails in Studio course, (Resolution No. 4(A)(iii) dated 21.04.2018)
- e) Amendment in various regulations of Ph.D. programmes, (Resolution No. 4(B) and 4(C) dated 21.04.2018)
- f) Approval of having Memorandum of Understanding (MoU) for academic collaboration of various Institutes under Nirma University with foreign universities/institutes, (Resolution No. 4(B) and 4(D) dated 21.04.2018)
- g) Amendment in various administrative regulations with regard to Regulations of preparation of budget estimates and Regulations of grant of post-graduate teacher, (Resolution No. 6(A) and 6(B) dated 21.04.2018)
- h) Award of degrees to 604 candidates of various U.G, P.G and Ph.D. programmes in the 25th Convocation held on 24.04.2018. (Resolution No. 5 dated 21.04.2018)
- i) Award of degrees to 1659 candidates of various U.G, P.G and Ph.D. programmes in the 26th Convocation held on 2.10.2018. (Resolution No. 5(B) dated 29.09.2018)

Note: All the Financial and Academic decisions as mentioned above were taken on the recommendations of the Finance Committee and Academic Council, as the case may be.

Academic Council

- Creation of a new department– Department of Undergraduate Studies in Management and addition of a new academic area- Academic Area Committee in Under Graduate Studies under Faculty of Management. (Resolution No. 7 dated 27.09.2018)
- Introduction of Teaching and Examination Scheme and Syllabus of Semester–VI of B.Com. (Hons.) programme. (Resolution No. 9(A) dated 27.09.2018)
- Increase the intake of B.Com. (Hons.) programme from existing 60 to 120 seats with effect from academic year 2019-20 onwards. (Resolution No. 9(B) dated 27.09.2018)
- Revision in Teaching and Examination Scheme of Semester-I to X of B.Arch. programme due to offering of Related Study Programme (RSP). (Resolution No. 11(A) dated 27.09.2018)
- Awarding Executive Diplomas to 41 candidates of Executive Diploma Programmes under Faculty of Management. (Resolution No. 15 dated 27.09.2018)
- Revision in the intake of B.Com., LL.B. (Hons.) programme under Faculty of Law from existing 60 to 120 seats from academic year 2018-19 onwards. (Resolution No. 17 dated 27.09.2018)

Note: All the Academic decisions as mentioned above are taken on the recommendations of the respective Board of Studies/Area Committee, followed by Faculties and as endorsed by the Academic Council.

Post Graduate Teachers recognized in Institutes of Technology, Pharmacy and Law

During the year, **8** faculty members have been given recognition as Post Graduate Teachers (PGT) and **2** faculty members have been given recognition as Assistant Post Graduate Teachers (APGT) in the different areas as per the details given below. The total number of faculty members recognized as P.G.T as on 31.03.2019 is **173** as under:

Table No. 1

Branch	No. of faculties given recognition during the year 2017-18	No. of faculties given recognition during the year 2018-19	No. of faculties retired/resigned in 2018-19	Total No. of recognized PGT available as on	
				31.03.18	31.03.19
1. Institute of Technology					
a. Chemical Engineering	-	-	2	10	8
b. Civil Engineering.	-	-	-	8	8
c. Computer Eng.-Info. Tech.	-	7*	-	24	31
d. Electrical Engineering	2	1*	1	24	24
e. Electronics & Com. Eng.	-	-	2	22	20
f. Mechanical Engineering	3	-	-	34	33
g. Math & Humanities	-	-	1	8	8
h. Instrumentation & Control Eng	-	-	-	10	10
2. Institute of Pharmacy	-	2	1	23	24
3. Institute of Law	-	-	1	8	7
Total	5	10	8	171	173 **

* One faculty member in CSE and one faculty member in EE were given recognition as APGT

** This figure includes 32 Assistant Post Graduate Teachers

For Institute of Science and Institute of Management, as all the teachers are recruited for the Masters programmes, no separate Post Graduate Teacher recognition is granted.

Post Graduate Registration

The details about the students registered for different Post Graduate programmes and the total strength are as under:

Table No. 2

Faculty	Programme		No. of students registered during the year				Total existing students strength as on			
			17-18		2018-19		31.03.18		31.03.2019	
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Technology & Engineering	i)	Ph.D. (Full time)	02	04	05	09	11	8	8	16
	ii)	Ph.D. (Part-time)	10	11	07	18	108	84	23	107
	iii)	M. Tech	209	126	87	213*	516	256	160	416
	iv)	MCA	58	35	11	46	196	129	57	186
	v)	MCA Lateral (3 rd Sem)	21	12	5	17				
Management	i)	D.P.M. (Full-time) #	06	02	06	08	25	05	27	32
	ii)	D.P.M. (Part-time) #	01	01	01	02	26	19	05	24
	iii)	MBA	255	172	88	260**	518	345	167	512
	iv)	MBA (FB&E)	62	44	16	60	110	81	35	116
Pharmacy	i)	Ph.D. (Full time)	-	04	01	05	36	17	17	34
	ii)	Ph.D. (Part-time)	01	-	-	-	50	27	08	35
	iii)	M. Pharm	59	10	40	50	114	28	80	108
Science	i)	Ph.D. (Full time)	02	-	03	03	24	03	18	21
	ii)	Ph.D. (Part-time)	01	03	-	03	27	12	16	28
	iii)	M. Sc.	90	16	75	91^	182	33	146	179
Law	i)	Ph.D. (Full time)	-	-	01	01	-	-	01	01
	ii)	Ph.D. (Part-time)	01	02	0	02	08	04	05	09
	ii)	LL.M.	21	12	8	20	21	12	08	20
Architecture & Planning	i)	Ph.D. (Part-time)	-	-	02	02	04	01	04	05
Total			799	454	356	810	1976	1064	785	1849

Doctoral Programme in Management

* includes 1 student of M. Tech. (by Research) programme and 2 students admitted under CIWGC Category

** includes 6 students under CIWGC Category and 1 student under FN category.

^ includes 1 student under CIWGC Category and 1 student under PIO category.

Enrolment

The details about the students enrolled for different Under Graduate and Diploma programmes and the total strength is as under:

Table No. 3

Faculty	Programme		No. of students enrolled During the year in				Cumulative Existing Students as on			
			2017-18		2018-19		31.3.2018		31.3.2019	
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Technology & Engineering	i)	B. Tech	894	769	123	892 ^a	3838	3299	541	3840
	ii)	Diploma to Degree	162	128	19	147				
Management	i)	Executive Diploma	48	61	8	69	48	61	8	69
	ii)	BBA-MBA	126	66	70	136 ^b	442	227	237	464
Pharmacy	i)	B. Pharm	108	49	55	104 ^c	408	207	213	420
	ii)	B. Pharm (D to D)	--	3	--	3				
Law	i)	B.A., LLB.	121	72	60	132 ^d	584	335	278	613
	ii)	B.Com., LL.B.	60	68	49	117 ^d	298	194	165	359
Architecture & Planning	i)	B.Arch.	80	29	51	80	272	136	213	349
	ii)	B.Plan	46	6	21	27	93	40	73	113
Commerce	i)	B.Com. (Hons)	61	35	31	66 ^e	120	91	95	186
Dept. of Design	i)	B. Des.	67	27	50	77	67	38	104	142
Total			1773	1313	537	1850	6170	4628	1927	6555

The total strength of students (both UG & PG taken together) on the campus in the year 2018-19 is 8404.

^a Includes 44 students admitted on supernumerary seats in CIWGC-SEA+PIO+FN and 27 students admitted under Tuition Fee Waiver Scheme and 1 student under J&K Category and 1 student under Physically Handicapped category

^b Includes 9 students admitted on supernumerary seats in CIWGC+PIO

^c Includes 1 student admitted on supernumerary seats in CIWGC+PIO category, 2 students admitted under Tuition Fee Waiver Scheme and 1 student under J&K Category and 2 students under Physically Handicapped category

^d Includes 1 student (each programme) admitted on supernumerary seat in CIWGC-SEA category

^e Includes 3 students admitted on supernumerary seat in CIWGC-SEA+PIO

Note: PIO = Persons of Indian Origin, CIWGC-SEA = Children of Indian Workers in Gulf Countries-South East Asia, FN = Foreign National

Out of the above total admitted students, admissions under supernumerary categories (i.e. CIWGC-SEA, PIO and FN) are as under:

Table No. 4

Programme	No. of students admitted in supernumerary categories during the year 2017-18 & 2018-19						Total Existing Students in supernumerary categories as on 31.03.2018 & 31.03.2019					
	CIWGC-SEA		PIO		FN		CIWGC-SEA		PIO		FN	
	17-18	18-19	17-18	18-19	17-18	18-19	31.3.18	31.3.19	31.3.18	31.3.19	31.3.18	31.3.19
B. Tech	32	34	8	9	1	1	118	118	33	29	1	2
B. Pharm	3	1	5	-	-	-	5	5	15	8	1	-
B.A., LL.B.	-	1	-	-	-	-	-	1	1	-	-	-
B.Com., LL.B.	1	1	-	-	-	-	1	2	-	-	-	-
BBA-MBA	3	7	-	2	-	-	14	20	-	2	-	-
B.Com. (Hons)	2	2	1	1	-	-	5	4	1	2	-	-
MBA	5	6	-	-	-	1	9	10	-	-	-	1
M.Tech.	1	2	-	-	-	-	1	2	-	-	-	-
M.Sc.	-	1	-	1	-	-	-	1	-	1	-	-
LL.M.	1	-	-	-	-	-	1	-	-	-	-	-
Total:	48	55	14	13	1	2	154	163	50	42	2	3

Category-wise students

The break-up of category-wise number of students admitted and total existing strength in the year 2017-18 & 2018-19 are as under (including UG/ PG):

Table No. 5

Institute	Category wise number of Students admitted during the year 2017-18							Category wise number of Students admitted during the year 2018-19						
	Open	SC	ST	SEBC	PH	J&K Migrant	Total	Open	SC	ST	SEBC	PH	J&K Migrant	Total
IT-NU	1054	54	29	216	2	1	1356	1036	46	32	226	1	1	1342
IM-NU	498	-	-	-	-	-	498	535	-	-	-	-	-	535
IP-NU	135	7	2	23	-	1	168	131	6	1	21	2	1	162
IS-NU	81	5	0	7	-	-	93	83	2	2	10	-	-	97
IL-NU	201	0	0	2	-	-	203	267	-	-	5	-	-	272
IAP-NU	99	4	1	21	1	-	126	85	5	3	16	-	-	109
ICNU	61	-	-	-	-	-	61	66	-	-	-	-	-	66
D.O.D.	65	0	0	2	-	-	67	71	-	-	6	-	-	77
Total:	2194	70	32	271	3	2	2572	2274	59	38	284	3	2	2660

Table No. 6

Institute	Category wise Cumulative Existing Students as on 31.03.2018							Category wise Cumulative Existing Students as on 31.03.2019						
	Open	SC	ST	SEBC	PH	J&K Migrant	Total	Open	SC	ST	SEBC	PH	J&K Migrant	Total
IT-NU	3870	140	97	557	2	3	4669	3800	135	89	527	10	4	4565
IM-NU	1169	-	-	-	-	-	1169	1217	-	-	-	-	-	1217
IP-NU	527	22	2	56	1	-	608	521	16	2	53	4	1	597
IS-NU	209	8	1	15	-	-	233	204	6	2	16	-	-	228
IL-NU	954	-	-	11	-	-	965	990	-	-	12	-	-	1002
IAP-NU	318	10	1	39	1	-	369	393	15	4	54	1	-	467
IC-NU	120	-	-	-	-	-	120	186	-	-	-	-	-	186
D.O.D.	65	-	-	2	-	-	67	134	-	-	8	-	-	142
Total:	7232	180	101	680	4	3	8200	7445	172	97	670	15	5	8404

Eligibility Certificate and Migration Certificate:

Faculty wise eligibility certificates and Migration Certificates were issued to the students as per the details given below:

Table No. 7

Sr. No.	Faculty	Programme		No. of Eligibility issued		No. of Migration issued	
				2017-18	2018-19	2017-18	2018-19
1.	Faculty of Technology & Engineering	i)	Ph.D.	8	14	146	141
		ii)	M. Tech	206	199		
		iii)	MCA	58	62		
		iv)	B. Tech.	331	355		
		v)	Diploma to Degree	161	147		
2.	Faculty of Management	i)	Ph.D.	7	10	32	28
		ii)	M.B.A.	253	257		
		iii)	M.B.A. (FB&E)	62	59		
		iv)	BBA-MBA	108	109		
		v)	Executive Diploma Programme	48	69		
3.	Faculty of Pharmacy	i)	Ph. D.	-	3	9	8
		ii)	M. Pharm	34	28		
		iii)	B. Pharm	19	14		
		iv)	B. Pharm (D to D)	-	3		
4.	Faculty of Science	i)	Ph.D.	3	5	11	13
		ii)	M. Sc.	90	90		
5.	Faculty of Law	i)	Ph. D.	1	2	186	185
		ii)	LL.M.	18	19		
		iii)	B.A.,LLB. (Hons.)	117	126		
		iv)	B.Com.,LLB. (Hons.)	50	108		
6.	Faculty of Architecture	i)	Ph.D.	-	2	2	3
		ii)	B.Arch.	38	49		
		iii)	B.Plan.	8	9		
7.	Faculty of Commerce		B.Com. (Hons.)	47	61	3	2
8.	Dept. of Design		B.Des.	38	60	--	1
Total:				2112	1860	389	381

Research

Ph.D. Programmes

During the year 2018-19, 7 additional faculty members have been given recognition for guiding research from the faculties working under the University. The details are given in Appendix – C [page 19]. The cumulative existing number of available recognized Ph.D. Guides as on 31.03.2019 is **175**. Faculty wise details are as under

Table No. 8

Faculty	Ph. D. Guides Recognized during the year		Total Available Recognized Ph. D Guides as on			
	2017-18	2018-19	31.03.2018	31.03.2019*		
			Total	Internal	External	Total
Technology & Engg	13	05	57	50	08	58
Management	04	-	20	17	-	17
Pharmacy	03	-	26	20	04	24
Science	-	02	70	14	58	72
Law	02	-	03	03	-	03
Architecture		-	01	01	-	01
Total	22	07	177	105	70	175

* This figure does not include the 9 recognized faculty members who left the Institution.

During the year, **53** additional students have been registered for the Ph. D Programmes. 41 students have been awarded the Ph. D. Degree. The details are given in Appendix–D [page 20-26]. The cumulative total number of students registered for Ph. D on 31.03.2019 is **312**. This figure does not

include the 41 students who are awarded degree and 19 students whose admissions are cancelled due to non-compliance of Academic Requirement/Voluntary withdrawal.

Research Projects

Research Projects Sanctioned

Table No. 9 (Amount in Lacs)

Type of Research Projects	Projects Sanctioned during the year				Total ongoing Research Projects as on 31.03.2019	
	2017-18		2018-19		Number	Amount
	Number	Amount	Number	Amount		
Major (External)	12	230.15	08	629.68	30	1119.02
Major (Internal)	-	-	01	29.91	02	58.83
Minor (External)	2	5.05	06	10.27	12	34.07
Minor (Internal)	14	12.34	11	12.80	12	13.40
Grand Total (Major & Minor)	28	247.54	26	682.66	56	1225.32

Funding agency wise details of Research Projects during the Financial Year 2017-18 & 2018-19

Table No. 10 (Amount in Lacs)

Type of Research Projects	Funding Agency	2017-18		2018-19	
		Number	Amount	Number	Amount
Major (External)	DST	1	10.59	2	388.73
	DAE	3	55.11	1	12.23
	Erasmus	-	-	1	71.00
	DBT	-	-	1	77.76
	ICSSR	-	-	2	31.00
	GSBTM	-	-	1	48.97
	ISRO	7	126.73	-	-
	DRDO	1	37.72	-	-
	Total	12	230.15	8	629.69
Major (Internal) :Nirma University		-	-	1	29.90
Total (Major)		12	230.15	9	659.59
Minor (External)	ICSSR	1	4.00	1	4.50
	ITPI	-	-	1	1.15
	UGC-DAE	-	-	1	0.45
	Noori Eye Hospital	-	-	1	1.11
	ASHRAE	-	-	1	2.26
	Duke Plasto Pvt. Ltd	-	-	1	0.80
	GEC	1	1.05	-	-
	Total	2	5.05	6	10.27
Minor (Internal): Nirma University		14	12.34	11	12.80
Grand Total		28	247.54	26	682.66

Summary of Revenue Generated through Consultancy/Testing / Training (Rs. In Lac)

Table No. 11

Revenue Generated	2017-18	2018-19
	Consultancy / Testing / Training	Consultancy / Testing / Training
Total	146.14	162.61

Research Publications:

Table No. 12

Year	National Journal			International Journal		
	Total number of Papers Published	Number of Papers having Impact Factor	Average Impact Factor for the papers having Impact Factor	Total Number of Papers Published	Number of Papers having Impact Factor	Average Impact Factor for the papers having Impact Factor
2018-19	41	4	0.40	166	107	2.75
2017-18	27	4	0.49	168	96	2.38

Personnel and Administration

During the year 2018-19, total 05 advertisements were published for filling up teaching and non-teaching posts. Out of the applications received, 79 appointments have been made for teaching posts out of which 01 internal candidates were appointed in higher post, and 32 appointments have been made for non-teaching posts on the recommendations of the selection committee constituted for the purpose. The details are given as under:

Table No. 13

Institutes	Assistant Professor								
	Appointed during		Left during		Total strength in the given AGP as on given date				
	17-18	18-19	17-18	18-19	Level 12 31.03.19	Level 11 31.03.19	Level 10 31.03.19	Total existing as on	
								31.03.18	31.03.19
IT-NU	26	25	26	19	18	58	86	157	162
IM-NU	12	06	03	06	04	02	25	31	31
IP-NU	-	02	-	02	04	06	06	17	16
IS-NU	02	02	03	01	02	03	02	06	07
IL-NU	10	19	15	14	02	01	26	24	29
IAP-NU	03	08	-	02	01	-	19	14	20
IC-NU	01	02	01	-	-	-	04	02	04
DoD	03	06	-	04	-	-	05	03	05
Total	57	70	48	48	31	70	173	254	274

Table No. 14

Institutes	Associate Professor (Level 13)						HoI / Professor (Level 14 /15)					
	Appointed during		Left during		Total existing as on		Appointed during		Left during		Total existing as on	
	17-18	18-19	17-18	18-19	31.3.18	31.03.19	17-18	18-19	17-18	18-19	31.3.18	31.03.19
IT-NU	02	03	02	02	32	33	01	-	-	01	28	27
IM-NU	03	-	-	-	12	12	01	01	01	01	07	07
IP-NU	-	-	-	-	03	04	-	-	-	-	04	04
IS-NU	-	-	-	-	-	-	-	-	-	-	02	02
IL-NU	-	01	01	-	02	03	-	-	-	-	01	01
IAP-NU	01	01	-	01	03	03	-	02	-	01	01	02
IC-NU	-	-	-	-	-	-	01	-	-	-	01	01
DoD-NU	01	-	-	-	01	01	01	01	01	01	01	01
Total	07	05	03	03	53	56	04	04	02	04	45	45

Table No. 15

Institutes	Total Teaching Faculty Members						Non-Teaching Staff					
	Appointed during		Left during		Total existing as on		Appointed during		Left during		Total existing as on	
	17-18	18-19	17-18	18-19	31.3.18	31.3.19	17-18	18-19	17-18	18-19	31.3.18	31.3.19
IT-NU	29	28	28	22	217	222	06	07	06	05	108	109
IM-NU	16	07	04	07	50	50	08	07	06	07	55	54
IP-NU	-	02	-	02	24	24	02	01	02	02	21	20
IS-NU	02	02	03	01	08	09	-	01	-	-	06	08
IL-NU	10	20	16	14	27	33	06	08	05	07	14	16
IAP-NU	04	11	-	04	18	25	02	-	-	-	10	09
IC-NU	02	02	01	-	03	05	-	01	01	-	01	02
DoD-NU	05	07	01	05	05	07		01		-		02
Central Office							16	06	07	05	41	42
Total	68	79	53	55	352	375	40	32	27	26	256	262

The total staff available as on 31.3.2019 in the University is 637* [Teaching = 375 + non-teaching = 262]

* This does not include employees working on the Campus through contract.

Adjunct Professors /Visiting Faculty members

Table No. 16

Institute	Visiting Faculty		Emeritus /Adjunct Professors/Faculty	
	2017-18	2018-19	2017-18	2018-19
Institute of Technology	16	30	-	-
Institute of Management	10	16	03	04
Institute of Pharmacy	18	23	-	01
Institute of Science	04	04	-	-
Institute of Law	22	18	02	02
Institute of Architecture	40	46	-	-
Institute of Commerce	08	14	-	-
Department of Design	04	23	-	01
Total:	122	174	05	08

Faculty and Staff members promoted under Career Advancement Schemes (CAS)

Table No. 17

Institutes	Employees promoted under CAS										
	Teaching Staff Promoted*									Non-Teaching #	
	Stage 1 to 2		Stage 2 to 3		Stage 3 to 4		Stage 4 to 5		Cumulative total as on 31.03.19		
	18-19	Total till 31.03.19	18-19	Total till 31.03.19	18-19	Total till 31.03.19	18-19	Total till 31.03.19		18-19	Total till 31.03.19
IT-NU	07	70	-	10	-	08	-	02	90	09	171
IM-NU	-	-	-	-	-	-	-	01	01	01	34
IP-NU	-	08	-	01	01	02	-	-	11	-	22
IS-NU	-	03	01	01	-	-	-	01	05	-	06
IL-NU	-	01	-	01	-	-	-	-	02	01	07
Central Office										02	59
Total	07	82	01	13	01	10	-	04	109	13	299

* Since implementation of 6th Pay (i.e. from December, 2009) # Since implementation of HR Policy (i.e. from November, 2007)

Faculty Improvement Programme

During the year **09** faculty members have been deputed/permitted from the Institutes for Higher Studies. The details of which is given as under:

Faculty Members Deputed/Permitted for Higher Studies

Table No. 18

Institutes	Deputed / Permitted in the year		Already Deputed / Permitted since pervious years (i.e. upto 31.03.18)		Cumulative as on 31.03.2019	
	2017-18	2018-19	Master	Ph. D	Master	Ph. D
	Ph. D	Ph. D				
IT-NU	10	8	77	131	77	139
IM-NU			-	06	-	06
IP-NU			-	11	-	11
IAP-NU	-	01	-	04	-	05
Total	10	09	77	152	77	161*

* 14 Faculty members discontinue/left without completing their Ph. D

Faculty members Completed/Pursuing Higher Studies

Table No. 19

Institute	Completed higher studies				Faculty members pursuing higher studies as on 31.03.19
	2017-18	2018-19	Cumulative as on 31.03.2019		
	Ph. D	Ph. D	Master	Ph. D	Ph. D.
IT-NU	04	10	77	64	63
IM-NU	-		-	05	00
IP-NU	-	02	-	10	01
IAP-NU	-		-	-	04
Total	04	12	77	79	68

Award of Scholarship/Assistance

Since the inception of the University, scholarships are being given from the different funds besides book bank facility. Accordingly, in the year 2017-18 & 2018-19 the scholarships/financial assistance are given as per the details underneath:

Table No. 20

Sr. No.	Type of Financial Assistance	No. of Students benefitted		Amount of financial Assistance in Lacs	
		2017-18	2018-19	2017-18	2018-19
1	Based on Merit	298	298	236.45	244.00
2	Merit cum means	266	268	198.45	224.07
3	Stipend to PG Students	306	455	172.20	221.68
4	Fellowships to Doctoral Students	33	46	62.61	76.88
5	Students needy fund	10	15	5.00	9.80
6	100% subsidy on Interest on Education Loan	10	10	2.42	2.85
7	50% subsidy on Interest on Education Loan	03	03	0.46	0.66
Total		926	1095	677.59	779.94

In addition to the above, **448** students have availed the benefit of book bank facility in the year 2018-19.

Infrastructure Development

During the Financial Year 2018-19, expenditure for development of infrastructure facility has been made as per the following details:

Table No. 21

(₹ in Lacs)

Description	Institute wise expenditure during the year 2018-19									Total	
	ITNU	IMNU	IPNU	ISNU	ILNU	IANU	ICNU	DOD	NU	2017-18	2018-19
Equipment	94.49	14.21	18.23	45.69	3.06	18.40	0.00	0.11	511.10	403.56	705.29
Computers	248.41	19.28	10.71	3.05	10.82	30.08	5.28	32.94	0.99	135.39	361.56
Books	8.92	14.13	4.56	1.18	12.00	12.96	0.75	3.70	0.00	61.26	58.20
Vehicles	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.00	6.65	7.34	6.97
Furniture & Fixtures (including WIP)	30.77	58.99	0.25	0.26	24.85	67.41	0.00	12.75	826.87	771.90	1022.15
Building	100.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3315.06	5145.36	3415.60
Building (WIP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1138.26	481.44	1138.26
Total	483.34	106.72	33.75	50.18	50.73	128.85	6.03	49.50	5798.93	7006.25	6708.03

The total amount spent in the Financial Year 2018-19 for above infrastructure comes to ₹ 6708.03 lacs

Staff Welfare Activities

Reimbursement of Expenditure to the Employees of the University for the year 2018-19 are as under:

Table No. 22

(₹ in Lacs)

Description	Institute wise expenditure during the year 2018-19									Total	
	ITNU	IMNU	IPNU	ISNU	ILNU	IANU	NU	ICNU	DOD	17-18	2018-19
Expenses towards Tuition Fee for the Employees' Dependent Children	20.77	5.58	3.24	0.91	1.57	1.15	0.12	0.39	1.27	32.52	35.00
Expenses towards Hospitalization	7.62	2.75	0.76	0.00	0.00	1.47	0.00	0.00	0.78	10.49	13.38
Expenses towards Purchase of Books/ Magazine/ Subscription of Journals / Membership etc.	5.36	1.09	0.88	0.31	0.61	0.43	0.00	0.00	0.00	8.09	8.68
Expenses towards LTC/HTC	22.17	7.19	1.98	1.71	0.66	1.14	0.00	0.12	1.10	9.19	36.07
Expenses towards Recreation Activities	1.57	0.46	0.22	0.08	0.31	0.21	0.06	0.00	0.20	3.74	3.11
Expenses towards Medical Allowances	12.48	3.42	1.57	0.57	1.63	1.15	0.19	0.21	2.63	22.02	23.85
Total	69.97	20.49	8.65	3.58	4.78	5.55	0.37	0.72	5.98	83.93	120.09

Libraries

Nirma University has seven Institutes and each Institute has its own Library. The details of books journals etc. in the libraries during the year 2017-18 & 2018-19 are given below:

Books

Details of books added during the year 2018-19 and total as on 31.03.2019 in Technical and Science, Humanities subject

Table No. 23

Name of the Institute	Number of Books for Technical subjects during the year 2018-19				Number of Books for Science & Humanities during the year 2018-19			
	Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & Volumes as on 31.3.19		Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & Volumes as on 31.3.19	
	Title	Volumes	Title	Volumes	Title	Volumes	Title	Volumes
IT-NU	417	856	30030	48160	328	374	9547	11201
IM-NU	720	722	20739	22458	441	442	12231	12739
IP-NU	88	99	3274	5308	33	33	2419	3773
IS-NU	20	23	1141	1275	37	42	1012	1194
IL-NU	315	388	7731	9757	90	95	2118	2520
IAP-NU	465	539	2519	3000	69	71	222	232
IC-NU	142	142	304	304	0	0	0	0
DoD	218	234	698	717	39	41	56	58
Total	2385	3003	66436	90979	1037	1098	27605	31717

Table No. 24

Institutes	Total (Taken all types of Book)							
	Total Titles & Volumes added during the year				Cumulative Total No. of Titles & Volumes as on			
	Titles		Volumes		Titles		Volumes	
	2017-18	2018-19	2017-18	2018-19	31.3.18	31.3.19	31.3.18	31.3.19
IT-NU	664	745	1089	1230	38832	39577	58131	59361
IM-NU	974	1161	975	1164	31809	32970	34033	35197
IP-NU	117	121	124	132	5572	5693	8949	9081
IS-NU	52	57	56	65	2096	2153	2404	2469
IL-NU	419	405	482	483	9444	9849	11794	12277
IAP-NU	866	534	1052	610	2207	2741	2622	3232
IC-NU	162	142	162	142	162	304	162	304
DoD-NU	463	257	466	275	497	754	500	775
Grand Total	3717	3422	4406	4101	90619	94041	118595	122696

Journals

Table No. 25

Institutes	Number of Periodicals / Journals during the year 2018-19		Material which includes CD's / Cassettes other Audio-visual Materials	
	Added during the year 2018-19	Cumulative total as on 31.3.19	Added during the year 2018-19	Cumulative Total as on 31.3.19
IT-NU	-	192 print +717 online	-	601
IM-NU	-	221 print + 12580 online	13	1199
IP-NU	-	39 print + 90 online	-	47
IS-NU	-	6 print + 9 online	-	01
IL-NU	-	71print + 2364 online	109	555
IAP-NU	5 print +1 online	30 print + 370 online	-	72
IC-NU	2 print	07 print	-	-
DoD	5 print	14 print	-	08
Total	12 print +1 online	580 print + 16130 online	122	2483

Centre for Quality Assurance and Academic Development (CQAAD) & Directorate of Research and Innovation (DRI)

New Activities / Initiatives

- Initiated the process of establishment of Centre for Advanced Instrumentation (CAI) at Nirma University for state-of-the-art research and testing facilities
- Initiated Post Doctoral Fellowship Programmes
- Framed Student Research Policy

The summary of different types of training programmes, refresher courses, workshops, etc. organized by the CQAAD/DRI during the year 2018-19 are as under:

Faculty Development Programmes conducted

Table No. 26

Sr. No.	Name of the Programme	Number of Participants
1.	Faculty Induction Programme	37
2.	Research Orientation Programme	22
3.	Faculty Orientation Programme	14
Total No. of Participants		73

Short Term Training Programmes/Refresher Programmes/Faculty Development Programs organized by Constituent Institutes under the auspices of CQAAD

Table No. 27

Name of the Department/Institute	Duration of the Program	Title	Name of the Coordinator	Number of Participants
Civil Engineering Department, ITNU	June 02-15, 2018	Current Trends in Sustainable Infrastructure Development	Dr. Parul Patel	20
Electrical Engineering Department, ITNU	June 25-July 07, 2018	Hands- on- Experience in Advanced Laboratory Practices in Electrical Engineering	Dr. Siddharthsingh K. Chauhan	22
Computer Science & Engineering Department, ITNU	June 25-July 07, 2018	Models of Computation Verification and Validation	Dr. Zunnun Narmawala	31
Mechanical Engineering Department, ITNU	June 19-30, 2018	Advances in Thermal Fluid Science	Dr A. M. Lakdawala	29
Electronics and Communication Engineering & Instrumentation and Control Engineering Department, ITNU	June 25-July 07, 2018	STTP on Wheels: Industrial Automation	Dr J B Patel & Dr D M Adhyaru	20
Institute of Management	April 16-30, 2018	Case Method for Effective Management Education	Dr. P. K.Chugan	28
Institute of Pharmacy & Institute of Science	June 30- July 13,2018	Innovations and New Techniques for the Treatment of Cancer, Diabetes & Neurodegenerative Diseases	Dr. Tejal Mehta	23
Institute of Law	June 25-July 07, 2018	Art and Science of Thinking and Research	Dr. Tarkesh Molia	22

Academic Audit

Table No. 28

Academic Audit Activity	Year 2018 - 19
Number of Faculty members undergone Classroom Observations (Observations of Junior Faculty Members by Senior Faculty Members)	51

Programmes hosted in collaboration with Research Organization

Table No. 29

National Level Programmes			
Sr. No.	Name of the Programme	Duration of the Program	Number of Participants
1.	Plasma and Fusion Research Committee (PFRC) Vision Meeting	April 26 – 28, 2018	150
2.	Two-days National Symposium on “Innovations in Cancer Research”	September 14 – 15, 2018	130
3.	Inspire Science Camp	December 03 – 07, 2018	122
Total No. of Participants			402

Table No. 30

Research development Programmes			
Sr. No.	Name of the Programme	Duration of the Programme	Number of Participants
1.	Poster Presentation by Ph.D. Scholars	September 01 & 15, 2018	110
2.	Exploring Funding Opportunities to Enhance the Research for the Faculty Members	February 16, 2019	54
3.	Interaction Meeting with Dr. Prachi Kaul, Director of Shastri Indo-Canadian Institute	March 15, 2019	30
4.	Seminar on “Public Education in the United States” by Dr. Steven Robinson	March 20, 2019	40
Total No. of Participants			234

University Events

Table No. 31

Name of Event	Date	Chief Guest
25 th Convocation	April 24, 2018	Shri Deepak Kumar Hota Chairman & Managing Director, Bharat Earth Movers Ltd.
26 th Convocation	October 22, 2018	Dr. Bernard Bigot Director General, International Thermonuclear Experimental Reactor (ITER) Organization, France
Independence Day	August 15, 2018	Smt. Justice Abhilasha Kumari Chairperson, Gujarat State Human Rights Commission, Gandhinagar
Republic Day	January 26, 2019	Justice Mohit Shah Former Chief Justice of the Bombay High Court

Members of Trust (Nirma Education and Research Foundation)

Sr.	Name	Sr.	Name
1.	Dr. Karsanbhai K. Patel Chairman, Nirma Education and Research Foundation Chairman, Nirma Ltd President, Nirma University	2.	Shri K.K. Patel Managing Trustee, Nirma Education & Research Foundation Vice President, Nirma University
3.	Shri Rakeshbhai K. Patel Vice Chairman, Nirma Ltd. Nirma House, Ashram Road Ahmedabad	4.	Shri Hirenbhai K. Patel Managing Director, Nirma Ltd. Nirma House, Ashram Road Ahmedabad
5.	Shri R.D. Shah Chartered Accountant Nirma House, Ashram Road Ahmedabad		

Members of Board of Governors

Sr.	Name	Sr.	Name
1.	Dr. Karsanbhai K. Patel - Chairman Chairman Nirma Ltd. Chairman, Nirma Education & Research Foundation President, Nirma University, Ahmedabad	2.	Shri. K. K. Patel Vice President Nirma University Ahmedabad
3.	Dr. Anup K. Singh Director General Nirma University, Ahmedabad	4.	Shri Rakeshbhai K Patel Vice Chairman, Nirma Ltd. Nirma House, Ashram Road Ahmedabad.
5.	Shri Hirenbhai K. Patel Managing Director Nirma Ltd., Nirma House Ashram Road, Ahmedabad	6.	Ms Anju Sharma, IAS Principal Secretary Dept. of Higher and Technical Education, Block No. 5, 8 th Floor Sachivalaya, Gandhinagar
7.	Shri J. P. Joshipara 240, Manek Baug Society S M Road, Nirma Circle Ahmedabad-380015	8.	Dr. Pankajbhai Patel Chairman & Managing Director Zydus Cadila Healthcare Ltd. Satellite, Ahmedabad.
9.	Shri Kamalbhai Trivedi Advocate General, Gujarat High Court The Chamber, Opp. Gurudwara, Theltej Cross Road, Ahmedabad.	10.	Dr P. N. Bhagwati Chairman, Bhagwati Sphero Cast Ltd. 1, Krishna Society, Near Law Garden Ellisbridge, Ahmedabad

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|-----|---|-----|---|
| 11 | Shri Vipinbhai Parikh, Advocate
3, Khadayata Colony, b/h Pantaloon
Show Room, Nr. Law Garden,
Ellisbridge, Ahmedabad-380 006 | 12 | Shri R. D. Shah
Chartered Accountant, Nirma House
Ashram Road, Ahmedabad |
| 13. | Prof. N. R. Madhava Menon
Hon. Director, Bar Council of Kerala
M.K.Nambyar
Academy for Continuing Legal
Education, Kochi | 14. | Prof. Alka Mahajan
Dean, Faculty of Technology & Eng.
Nirma University
Sarkhej-Gandhinagar Highway
Ahmedabad. |
| 15. | Prof. Utpal Sharma
Dean, Faculty of Architecture &
Planning, Nirma University,
Ahmedabad.
<i>(up to 30.08.2018)</i> | 16. | Prof. Manjunath Ghate
Dean, Faculty of Pharmacy
Nirma University, Ahmedabad.
<i>(from 31.08.2018)</i> |
| - | Shri G. Ramachandran Nair- Secretary
Executive Registrar | | |

Members of Academic Council

Sr.	Name	Sr.	Name
1.	Dr. Anup K Singh - Chairman Director General, Nirma University Ahmedabad	2.	Shri K. Thyagrajan Iyer Ahmedabad
3.	Prof Alka Mahajan Dean, Faculty of Technology & Engineering, Nirma University, Ahmedabad	4.	Prof M. Mallikarjun Dean, Faculty of Management Nirma University, Ahmedabad
5.	Prof Manjunath Ghate Dean, Faculty of Pharmacy Nirma University, Ahmedabad	6.	Prof Sarat Dalai Dean, Faculty of Science Nirma University, Ahmedabad
7.	Prof Purvi Pokhariyal Dean, Faculty of Law Nirma University, Ahmedabad	8.	Prof Utpal Sharma Dean, Faculty of Architecture & Planning Nirma University, Ahmedabad
9.	Prof Udai Paliwal Dean (i/c), Faculty of Commerce Nirma University, Ahmedabad	10.	Prof Dhaval Pujara Dean (i/c), Faculty of Doctoral Studies & Research, Nirma University, Ahmedabad
11(A)	Prof. (Dr.) N.R. Madhava Menon Hon. Director, Bar Council of Kerala M.K.Nambyar Academy for CLE, Kochi <i>(upto 21.08.2018)</i>	11(B)	Prof. Rochish Thaokar Dept. of Chemical Engineering I.I.T. Bombay, Mumbai <i>(from 22.08.2018)</i>
12(A)	Dr. Jaimin R Vasa MD, Vasa Pharmachem P. Ltd Ahmedabad <i>(up to 21.08.2018)</i>	12(B)	Prof. Anamik Shah Vice Chancellor, Gujarat Vidyapith Ahmedabad <i>(from 22.08.2018)</i>

- 13(A) Dr. Piyushbhai Shah
MD, Hitachi Hi-Rel Power Electronics
Pvt. Ltd., Gandhinagar
(up to 21.08.2018)
- 13(B) Dr. K.C. Vora
Sr. Dy. Director & Head
ARAIndia, Pune
(from 22.08.2018)
- 14(A) Prof Raju K. Mewada
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad
(up to 21.11.2018)
- 14(B) Prof. Milind Joshipura
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 30.11.2018)
- 15(A) Prof. V. J. Lakhera
Head, Dept. of Mechanical Engineering
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 15(B) Prof. Kaushik Patel
Dept. of Mechanical Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 22.08.2018)
- 16(A) Prof. D. K. Kothari
Head, Dept. of Electronics &
Communication Engineering
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 16(B) Prof. Niranjana Devashrayee
Dept. of Electronics &
Communication Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 22.08.2018)
- 17(A) Prof. U. V. Dave
Dept. of Civil Engineering
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 17(B) Prof. Parul Patel
Dept. of Civil Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 22.08.2018)
- 18(A) Prof. P. N. Tekwani
Head, Dept. of Electrical Engineering
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 18(B) Prof. Santosh Vora
Dept. of Electrical Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 22.08.2018)
19. Prof. Dipak Adhyaru
Dept. of Instrumentation & Control
Engineering
Institute of Technology
Nirma University, Ahmedabad
- 20(A) Prof. Priyanka Sharma
Dept. of Computer Engineering/MCA
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 20(B) Dr. Gaurang Raval
Dept. of Information Technology
Institute of Technology
Nirma University, Ahmedabad
(up to 21.08.2018)
- 20(C) Prof. Madhuri Bhavsar
Dept. of Computer Science and
Engineering
Institute of Technology
Nirma University, Ahmedabad
(from 22.08.2018)
21. Dr. Hardik Bhatt
Associate Professor
Pharmaceutical Chemistry Area
Institute of Pharmacy
Nirma University, Ahmedabad
22. Prof. Jigna Shah
Pharmacology area
Institute of Pharmacy
Nirma University, Ahmedabad

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| 23. | Prof. Tejal Mehta
Pharmaceutics & Pharmaceutical
Technology area
Institute of Pharmacy
Nirma University, Ahmedabad | 24. | Prof. Priti Mehta
Pharmaceutical Analysis area
Institute of Pharmacy
Nirma University, Ahmedabad |
| 25. | Dr. Mayur M Patel
Pharmaceutics area
Institute of Pharmacy
Nirma University, Ahmedabad
<i>(up to 21.08.2018)</i> | 26. | Prof Deepak Danak
Economics and Finance Area
Institute of Management
Nirma University, Ahmedabad |
| 27. | Dr. P. K. Yadav
Marketing area
Institute of Management
Nirma University, Ahmedabad
<i>(up to 21.08.2018)</i> | 28. | Prof. Ashwini Awasthi
Marketing Area
Institute of Management
Nirma University, Ahmedabad
<i>(from 22.08.2018)</i> |
| 29 | Prof Nityesh Bhatt
Information Management Area
Institute of Management
Nirma University, Ahmedabad | 30 | Prof. Rajesh Jain
General Management Area
Institute of Management
Nirma University, Ahmedabad |
| 31(A) | Dr. Nina Muncherji
OB & HRM area
Institute of Management
Nirma University, Ahmedabad
<i>(up to 21.08.2018)</i> | 31(B) | Dr. Sameer Pingle
OB & HRM area
Institute of Management
Nirma University, Ahmedabad
<i>(from 22.08.2018)</i> |
| 32(A) | Dr. Madhuri Parikh
Institute of Law
Nirma University, Ahmedabad
<i>(up to 21.08.2018)</i> | 32(B) | Dr. Tarkesh Molia
Institute of Law
Nirma University, Ahmedabad
<i>(from 22.08.2018)</i> |
| 33. | Prof. Shalini Rajkumar
Institute of Science
Nirma University, Ahmedabad | 34. | Ms Vibha Gajjar
Associate Professor
Institute of Architecture & Planning
Nirma University, Ahmedabad |
| 35. | Prof Udai Paliwal
Institute of Commerce
Nirma University, Ahmedabad | 36. | Prof. Sangita Shroff
Head, Department of Design
Nirma University, Ahmedabad
<i>(from 22.08.2018)</i> |
| - | Shri G. Ramachandran Nair - Secretary
Executive Registrar
Nirma University, Ahmedabad | | |

Members of Finance Committee

Sr.	Name	Sr.	Name
1.	Dr. Anup K Singh - <i>Chairman</i> Director General Nirma University Ahmedabad	2.	Shri Hirenbhai K. Patel Member, Board of Governors Nirma University Nirma House, Ashram Road , Ahmedabad
3.	Shri R. D. Shah Chartered Accountant Nirma House, Ashram Road, Ahmedabad.	4. (a)	Prof. Utpal Sharma Dean, Faculty of Architecture & Planning Nirma University, Ahmedabad (up to 26.11.2018)
4. (b)	Prof Sarat Dalai Dean, Faculty of Science Nirma University, Ahmedabad (from 27.11.2018)	-	Shri G. Ramachandran Nair - Secretary Executive Registrar Nirma University, Ahmedabad

OFFICERS OF THE UNIVERSITY DURING THE YEAR 2018-19

Sr.	Name	Designation
1.	Dr. Anup K. Singh	Director General
2.	Shri K. K. Patel	Vice President
3.	Shri G. Ramachandran Nair	Executive Registrar
4.	Prof. Manjunath Ghate	Dean, Faculty of Pharmacy
5.	Prof. M. Mallikarjun	Dean, Faculty of Management
6.	Prof. Alka Mahajan	Dean, Faculty of Technology & Engineering
7.	Prof. Purvi Pokhariyal	Dean, Faculty of Law
8.	Prof. Sarat Dalai	Dean, Faculty of Science
9.	Prof. Utpal Sharma	Dean, Faculty of Architecture & Planning
10.	Prof Udai Paliwal	Dean (i/c), Faculty of Commerce
11.	Prof. Dhaval Pujara	Dean (i/c), Faculty of Doctoral Studies & Research
12.	Prof Sangita Shroff	Head, Department of Design, Nirma University

Details of Meetings of the Authorities of the University

Sr.	Authorities of the University	Dates of Meeting
1.	Board of Governors	21.04.2018, 29.09.2018
2.	Academic Council	20.04.2018, 27.09.2018
3.	Finance Committee	15.09.2018, 20.03.2019
4.	Faculty of Technology & Engineering	24.08.2018, 15.03.2019
5.	Faculty of Management	31.08.2018, 19.03.2019
6.	Faculty of Pharmacy	23.08.2018, 01.03.2019
7.	Faculty of Science	21.08.2018, 20.02.2019
8.	Faculty of Law	01.09.2018, 02.03.2019
9.	Faculty of Architecture & Planning	10.09.2018, 22.02.2019
10.	Faculty of Doctoral Studies & Research	20.09.2018
11.	Boards of Studies in Engineering	30.07.2018 to 01.08.2018, 06.02.2019 to 08.02.2019
12.	Joint Board of Studies in Humanities & Social Science and Joint Board of Studies in Science (under Faculties of Technology & Engineering and Pharmacy)	30.07.2018, 06.02.2019
13.	Academic Area Committees in Management	03.08.2018 to 06.08.2018, 18.02.2019, 19.02.2019
14.	Academic Area Committees in Pharmacy	04.08.2018, 05.02.2019
15.	Joint Boards of Studies in Science	03.08.2018, 23.01.2019
16.	Boards of Studies in Law	04.08.2018, 02.02.2019
17.	Board of Studies in Architecture	20.08.2018, 05.02.2019
18.	Ad hoc Joint Board of Studies in Planning	20.08.2018, 05.02.2019
19.	Ad hoc Board of Studies in Commerce	02.08.2018, 21.02.2019
20.	Ad hoc Board of Studies in Design	07.08.2018, 20.02.2019
21.	Library Council	19.04.2018, 04.08.2018, 16.02.2019
22.	Student Welfare Board	20.08.2018, 13.03.2019

Appendix – ‘C’

Details of Recognition given as Ph.D. Guide of the University during the Year 2018-19

From Institutes of the University

Sr. No.	Name	Discipline
1	Dr. Patel Himanshu Kantilal	Instrumentation Control Engineering
2	Dr. Dhaval Shah	Electronics & Communication Engineering
3	Dr. Mawandiya Bimal Kumar	Mechanical Engineering
4	Dr. Savani Vijay Gopalbhai	Electronics & Communication Engineering
5	Dr. Kedar Prasad Agrawal	Computer Science & Engineering
6	Dr. Dablu Lal Gupta	Biochemistry
7	Dr. Verma Kuldeep	Biochemistry

Details of Students Registered for Doctoral Studies (Ph.D.) during the year 2018-19

Sr. No	Student Name	Guide	Faculty	Tentative Topic
1	Shweta Suhane	Prof. Utpal Sharma	Architecture	URBAN FORESTRY – Study of Ahmedabad City
2	Archana Gaikwad	Prof. Utpal Sharma	Architecture	Urban Open Spaces: Its values and benefits for the community
3	Musharefa Ansari	Dr. A. Md. Shamiulla	Law	A Discourse on Criminal Minds in Light of Rehabilitation Theory to Curb Crime
4	Joshi Jaiminkumar Sureshchandra	Dr. Madhuri Parikh	Law	A Critical Study of Effectiveness of Department of Climate Change with Reference to the State of Gujarat
5	Mehta Raj Narendra	Dr. Purvi Pokhariyal	Law	Right to Privacy in Digital Era: A Critical Legal Study
6	Mitragotri Srinath Ramchandra	Dr. Nikunj Patel	Management	Application of data analytics and data visualization methods to the science of value investing
7	Gupta Nupur	Dr. Subrat Sahu	Management	An empirical study on influence of children on Consumer's Buying Behaviour
8	Kanwar Simar Singh	Guide not allotted	Management	Topic not Finalized
9	Aanchal Singh	Will be allocated next year	Management	Course Work in Progress
10	Anuja Ajayprakash Gupta	Will be allocated next year	Management	Course Work in Progress
11	Harshita Vyas	Will be allocated next year	Management	Course Work in Progress
12	Karan Nilesh Radia	Will be allocated next year	Management	Course Work in Progress
13	Renuka Kumawat	Will be allocated next year	Management	Course Work in Progress
14	Supriya Singh	Will be allocated next year	Management	Course Work in Progress
15	Shachi Jatin Desai	Will be allocated next year	Management	Course Work in Progress
16	Prateek Mathur	Dr. Mayur Patel	Pharmacy	Topic not Finalized
17	Yadav Dattatraya Jalindhar	Dr. Jignasa Savjani	Pharmacy	Solubility and bioavailability enhancement of poorly water soluble APIs for cost Effective Formulation

18	Harshita Gupta	Dr. Priti Mehta	Pharmacy	Development and Evaluation of Long-acting pharmaceutical formulations
19	Kartik Hariharan Padma	Dr. Tejal Shah	Pharmacy	Polymer-metallic scaffolds for theranostic and biomedical applications in cancer treatment
20	Shri Bana Arpit Arunkumar	Dr. Priti Mehta	Pharmacy	Quantitative & Qualitative analysis of active biomarkers from marine sources
21	Shailendra Kumari Chundawat	Dr. Vijay Kothari	Science	Investigation on antipathogenic potential of selected plant extracts
22	Patel Digna Narendrakumar	Dr. Sarat Dalai	Science	Understanding the Immunobiology of Chimeric IL - 15
23	Patel Priya Dhaneshbhai	Dr. Nasreen Munshi	Science	Development of lab-scale wastewater treatment plant for treating CEPT wastewater of Gujarat
24	Keyur Rajeshkumar Sangani	Dr. Ankur Pandya	Science	Electronic, Thermal and Magnetotransport Investigation in Novel 2D Nanomaterials
25	Joshi Nikunj Vijaykumar	Dr. Ankur Pandya	Science	Investigation of electronic, mechanical, phonon and thermal transport properties of Chalcogenide based Delafossite structures
26	Tanuj Gupta	Dr. Chetna Chauhan	Science	Structural, Magnetic and Dielectric Properties of Hexaferrites and Composites
27	Perna Ajay Mishra	Dr. Priyank Thakkar	Tech&Engg	Topic not Finalized
28	Joshi Darshna Manojkumar	Dr. J. B. Patel	Tech&Engg	System and Control Study of Biological Networks
29	Rajesh Gupta	Dr. Sudeep Tanwar	Tech&Engg	Network Security
30	Bhatt Darshan Kirtikumar	Dr. B.A. Modi	Tech&Engg	Experimental studies on the formability of Different to Form materials in Worn Spinning Process
31	Shah Chandni Hardik	Dr. Priyank Thakkar	Tech&Engg	Natural Language Generation
32	Revar Pooja Mansukhbhai	Dr. Madhuri Bhavsar	Tech&Engg	Handling issues of self healing network
33	Khushboo Sinha	Dr. Yogesh Trivedi	Tech&Engg	Performance of Wireless Systems

34	Shah Juhi Rajiv	Dr. Priyank Thakkar	Tech&Engg	Natural Language Processing using Deep Learning
35	Raval Tejaskumar Nitinkumar	Dr. A. M. Lakdawala	Tech&Engg	Developmant of Lattice Boltzmann based multiphase flow solver
36	Dutt Karan Ajaybhai	Dr. S. J. Joshi	Tech&Engg	Fatigue Life Estimation for elastoplastic loading condition of Power Transmission Elements
37	Rachna Sharma	Dr. Yogesh Trivedi	Tech&Engg	Performance Evaluation of Wireless Communication
38	Panchal Dipeshkumar Jashvantbhai	Dr. Amisha Naik	Tech&Engg	Low Power Low Noise Automatic Gain Control Amplifier for Biomedical Applications
39	Shubham Singh	Dr. Zunnun Narmawala	Tech&Engg	Cooperation in Mobile Social Network
40	Lonkar Priyanka Balasaheb	Dr. Zunnun Narmawala	Tech&Engg	Implementation of Social Aware routing protocol in DTN on android platform
41	Rathod Jigneshsinh Mahendrasinh	Dr. V. J. Lakhera	Tech&Engg	Thermo-hydrodynamic analysis of heat pipe [Numerical and experimental approach]
42	Dave Kinjal Jayeshbhai	Dr. Tanish Zaveri	Tech&Engg	Spectral Discrimination of Vegetation using Hyperspectral Remote Sensing
43	Ath Satish Singhal	Dr. R. N. Patel	Tech&Engg	Experimental Investigations on Savonius Wind Turbine equipped with a power control and/or storm security device
44	Priyam Anilkumar Parikh	Dr. Reena R. Trivedi	Tech&Engg	Design and Development of a Hexapod Robot for Material Handling Application with Improved Navigability and Stability
45	Mehta Jagrat Pushakarbhai	Dr. Usha Mehta	Tech&Engg	Test time & test power optimization in VLSI Design
46	Ritika Vivek Ladha	Dr. Ankit Thakkar	Tech&Engg	Enhancing Performance of Intrusion Detection System Using Soft Computing Techniques
47	Gandhi Jay Nirmalbhai	Dr. Zunnun Narmawala	Tech&Engg	Performance enhancement in mobile opportunistic networks using machine learning

48	Jani Chinmay Yogeshbhai	Dr. Santosh Vora	Tech&Engg	Exploring Power Transformer Fault Diagnosis Issues and Offering Solutions
49	Jayachandra Ravi	Dr. Parul R. Patel	Tech&Engg	Quantitative assessment of vegetation biophysical parameters using remote sensing and machine learning
50	Dhwanilnath Gharekhan	Dr. Parul R. Patel	Tech&Engg	Land Surface Radiation Budget and Evapotranspiration Modelling Under Different Sky and Land Cover Condition using Satellite Data
51	Thakkar Riddhiben Sanjaykumar	Dr. Madhuri Bhavsar	Tech&Engg	Designing Sustainable cloud using Machine Learning
52	Shruti Chanakya Bhatt	Dr. N. D. Ghetiya	Tech&Engg	Analysis and Process Monitoring of Thin Wall Machining
53	Bodkhe Umesh Sakharam	Dr. Sudeep Tanwar	Tech&Engg	Course Work in Progress

List of deregistered Research Scholars

Sr. No.	Student Name	Status	Registration Date	Faculty
1	Mr. Sharad Manilal Panchal	External	27/5/2016	Architecture
2	Mr. Ashutohs Pande	Part-time	10/8/2017	Law
3	Mr. Sunil Gajjar	External	02/1/2013	Management
4	Mr. Kale Aniket Divakar	External	12/10/2015	Management
5	Mr. Kanwar Simar Singh	Full-time	20/06/2018	Management
6	Mr. Sharma Rohit Nitin	External	13/10/2015	Management
7	Mr. Prateek Mathur	Full-time	13/06/2018	Pharmacy
8	Mr Patidar Dindayal	External	19/3/2013	Pharmacy
9	Ms. Nirali Bhatt	External	27/11/2012	Pharmacy
10	Ms. Panchal Nirupaben Bachubhai	External	31/12/2015	Pharmacy
11	Mr Valani Darshan Tulsibhai	External	6/9/2011	Science
12	Ms.Shailendra Kumari	Full-time	7/6/2018	Science
13	Ms. Nisha	Full-time	16/8/2017	Science
14	Mr.T.V.S. Ram	External	3/10/2011	Technology & Engineering
15	Mr Thaker Pinakin Puroshottamdas	External	29/09/2011	Technology & Engineering
16	Ms. Tapiawal Radha Navinchadra	Full-time	13/11/2014	Technology & Engineering
17	Ms. Prerna Mishra	Part-time	18/6/2018	Technology & Engineering
18	Mr. Mahesh Panchal	External	26/2/2011	Technology & Engineering
19	Mr. Rakesh Trivedi	External	28/11/2014	Technology & Engineering

Candidates Awarded Degree of Doctorate (Ph. D) during the year 2018-19

Sr. No.	Student Name	Faculty	Topic
1	P. A. Padmanabhan	Management	A Study of Corporate Restructuring in India With Special Focus on Demergers
2	Tripathi Nagja V.	Pharmacy	Development, Optimization And Evaluation Of A Polyherbal Formulation For Anti-Diabetic Activity
3	Patel Nrupesh R	Pharmacy	Analytical Method Development, Validation and Degradation Studies of Dosage Forms of Montelukast and Desloratadine
4	Chauhan Navneet Singh	Pharmacy	Computational Studies and Design of Novel Molecules as Potential Glycogen Synthase Kinase Inhibitors
5	Ketan Tulsidas Savjani	Pharmacy	Development and characterization of formulations of poorly soluble drug candidates
6	Patel Jagruti Jaydevbhai	Pharmacy	Phytochemical and Pharmacological evaluation of Clerodendrum serratum roots with special reference to asthma
7	Sarvesh Sharma	Pharmacy	Co-encapsulated Liposome of Artemisinin Analogue and Curcumin for Cytotoxic Potential
8	Khan MD Yaseen MD Yunus	Pharmacy	Phytopharmacological evaluation of ACE inhibitors from medicinal plants of Ayurveda
9	Modi Anuj Pramodkumar	Pharmacy	Investigation on Hepatoprotective Activity of Some Medicinal Plants
10	Pithadia Anand Bharatkumar	Pharmacy	Effect of Potassium Channel Openers in various Experimental Models of Ischemic Stroke and Related Disorders
11	Pawar Neha Dilip	Pharmacy	Phytopharmacological Evaluation of Nyctanthes arbor-tristis Calyx with Special reference to metabolic disorder and cancer
12	Pravin Balasaheb Ranjana Nalawade	Pharmacy	Design, Development and Characterization of Formulations of Selected Carotenoids with Improved Dissolution
13	Nisha Hemantbhai Parikh	Pharmacy	Phytochemical & Pharmacological Investigation of Ocimum basilicum Seed
14	Ingawale Deepa Krushna	Pharmacy	Pharmacological Evaluation of Combination of Plant Steroids and Low Dose Glucocorticoid for Treatment of Inflammatory Disorders in Experimental Animals
15	Shelat Devang Yogeshbhai	Pharmacy	Development and Evaluation of Curcumin Peptide Concoction for Improving Brain Delivery and in-vivo Efficacy in Dementia Model
16	Borisha Ankitkumar Chandrakantbhai	Pharmacy	Design & Synthesis of Novel Pteridine Derivatives as Aurora Kinase Inhibitors for the Treatment of Cancer
17	Shah Neha Surendra	Pharmacy	Formulation Development and Characterization of Multiparticulate System for Oral Fixed Dose Combination Therapy

18	Prutha Nayan Patel	Pharmacy	Microwave-Assisted Degradation Studies of Pharmaceuticals
19	Devendra Pratap Singh	Pharmacy	Development of novel Drug Delivery Systems for the Management of NSAID-induced Gastroenteropathy: A Quality by Design (QbD) Approach
20	Patel Palak Narendrabhai	Science	Biophysical and in silico studies on inhibition of protein aggregation by small molecules
21	Hardikkumar Bipinchandra Patel	Science	Dynamics of Radiation Attenuated Sporozoites Induced Liver-stage Specific CD8+ Memory T Cells following Infectious Sporozoite Challenge that ensue long-lived Protection Against Plasmodium Berghei Infection
22	Manoj Patidar	Science	Development of a Chimeric IL-15 to augment T-cell Response and Memory
23	Fulesh Kunwar	Science	Human Congenital Disorders: A study of underlying genetic changes, manifestation & mechanism
24	Mohit Kumar	Science	Mangrove Cover Dynamics and Community Zonation in Gulf of Kachchh - A Study based on Synergistic Use of Optical and Microwave Satellite Data
25	Vanzara Rakeshkumar D	Tech&Engg	Performance Enhancement Proxy for Heterogenous Networks
26	Sharma Sandip Prahladbhai	Tech&Engg	A Comparative Study to Analyse Efficacy of O ₃ , O ₃ /UV, O ₃ /UV/PS for the degradation of reactive dyes in wastewater
27	Gehani Aarti Kishor	Tech&Engg	Investigations on optimization of Antenna Parameters using Adaptive Neuro-Fuzzy Inference System (ANFIS)
28	Shah Hardik Satishchandra	Tech&Engg	Studies on feasibility of some water quality trading aspects with end-of-pipe treatment augments: Towards enhancement of environmental performance in firms and CETPs
29	Trivedi Dishang Dinkarrai	Tech&Engg	Kalman Filter based Novel Centralized Dynamic State Estimation for Multi-Machine Power System incorporating DFIGs
30	Shah Manisha Tusharbhai	Tech&Engg	Investigation on Generalization of Current Error Space Phasor Based Pulse Width Modulation Controller for Multi-Level Front-End Converters.
31	Savani Vijay Gopalbhai	Tech&Engg	Design of a Low Voltage, Low Power and High Speed CMOS Comparator
32	Shah Dhaval Gopalchandra	Tech&Engg	Investigation of Free Space Optical Link Performance with Wavelength Diversity under Different Turbulence Conditions
33	Mecwan Akash Isudas	Tech&Engg	Design of High Performance Low Noise Amplifier
34	Joshi Digesh Dilipkumar	Tech&Engg	Study the Behaviour of Precast Connections Under Progressive Collapse Scenario

35	Dineshkumar Jethalal Prajapati	Tech&Engg	Multilevel Association Rule Mining in Distributed Environment
36	Ankit Sharma	Tech&Engg	Handwritten Gujarati character recognition using machine learning approach
37	Manoj Kumar Gupta	Tech&Engg	Bubble-Induced Vibration in Liquid Nitrogen Cryopump
38	Gandhi Priyeshkumar Pratapbhai	Tech&Engg	Analysis and Design of High Speed Low Offset Power Efficient Dynamic CMOS Comparator in 180 nm Technology
39	Joshi Rashmi Shankardatt	Tech&Engg	Diagnostics of Electrostatics Discharges and Postulations for ARC Mitigation Techniques on Satellite Solar Panels
40	Dhare Vaishali Hiteshkumar	Tech&Engg	Novel Defect Modeling and Development of ATPG for Combinational QCA Circuits
41	Pardiwala Julie Minoo	Tech&Engg	Studies in Spinel Catalysts for Photocatalytic Degradation of RB21 Dye in Wastewater

Convocations

During the year two convocations were held and the details of awardees are as given under:

Faculty	Degrees Awarded in Convocations		
	Twenty fifth 24-04-2018	Twenty sixth 22-10-2018	Total
Faculty of Management			
Ph. D. in Management	-	1	1
MBA	252	1	253
MBA (Family Business and Entrepreneurship)	49	-	49
Integrated BBA-MBA	48	-	48
BBA	1	54	55
Faculty of Law			
B.A. LL.B. (Hons.) [Five Year Integrated Programme]	105	-	105
B. Com. LL.B. (Hons.) [Five Year Integrated Programme]	57	1	58
B.B.A. LL.B. (Hons.) [Five Year Integrated Programme]	55	2	57
Master of Laws	3	19	22
Faculty of Technology and Engineering			
Ph. D.	9	8	17
M. Tech.	3	307	310
M. Tech (by Research)	-	5	5
MCA	-	60	60
B. Tech.	4	962	966
Diploma Engineering	1	-	1
Faculty of Pharmacy			
Ph. D.	11	7	18
M. Pharm.	-	55	55
B. Pharm.	-	91	91
Faculty of Science			
Ph. D.	2	3	5
M. Sc.	4	83	87
Grand Total	604	1659	2263

Institute
of
Technology

Institute of Technology

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Outstanding Achievements and Important Activities

Four programmes of the Institute of Technology; Computer Science and Engineering, Mechanical Engineering, Chemical Engineering and Electronics and Communication Engineering were accredited by the National Board of Accreditation for a period of three years in March, 2019. The institute earned the distinction of being the only unaided NBA accredited (Tier I category) institute in the State of Gujarat. These programmes at the Institute are now accepted in the countries bound by the Washington Accord. The remaining three programmes will go for accreditation in June 2019.

In pursuance to the decision of Board of Governors (BoG), the Administrative and Financial Activities of the Institute were decentralized under two different Schools, Viz. School of Technology and School of Engineering from May 2018. Prof R N Patel was appointed as the Additional Director of the School of Engineering.

The Institute signed a MoU with the International Thermonuclear Experimental Reactor facility in France and currently a student from Instrumentation and Control Engineering is pursuing his internship there. Dr. Daniel Abrams, Emeritus Professor from University of Illinois was hosted by the Institute as a Fulbright Scholar for three weeks and he conducted a special course on earthquake engineering.

An Institute Innovation Council (IIC) was established in the institute under the MHRD initiative to foster innovations.

The institute was felicitated with the ‘Outstanding Educational Institute’ award instituted by the ABP News.

The UG curriculum was redesigned in June 2018 and several initiatives were taken to ensure that student learning takes place both, in and out of the classroom.

Workshop on Emerging Research Topics in Engineering

IEEE Gujarat Section in collaboration with the Nirma University organized a Two- Day Workshop on “Emerging Research Topics in Engineering (ERTE)” on February 2-3, 2019. The theme of the workshop was ‘Artificial Intelligence and Deep Learning.’ Eminent resource persons from IBM Research Lab, IISc Bangalore, University of Hyderabad, Rygbee Inc., DA-IICT, etc were invited to disseminate knowledge in the area of Artificial Intelligence, Machine Learning, and Deep Learning.

The workshop was sponsored and supported by Rygbee Inc. and GUJCOST (DST). It was coordinated by Dr. Manisha Shah, Asst. Prof. from Electrical engineering department. More than 100 delegates’ from academia and Industry attended the workshop. ‘e-Chai’ a global offline-online Start-up Social Network also participated in the event.

One of the distinctive features of the workshop was the Ph.D. forum, organized on the second day of the workshop. The forum enabled the Ph.D. scholars to exhibit their work in the form of oral presentation wherein they conferred suggestions and feedback from eminent panelist and the participants of ERTE 2019.

National Colloquium on “Advancements in Seismic Design of Masonry Structures

The Department of Civil Engineering, organized a National Colloquium on “Advancements in Seismic Design of Masonry Structures” during January 30-31, 2019. The Colloquium was graced with the expert lectures of distinguished academicians such as Prof. Daniel Abrams, Emeritus Professor, and

Civil Engg. Department, University of Illinois, Prof. K.S. Jagadish, Former Professor, Indian Institute of Science Bangalore & Eminent researcher in the field of Masonry Structure, Prof Svetlana Brezev, Adjunct Professor, University of British Columbia, Canada, and visiting professor in Civil Engineering Department, Indian Institute of Technology, Gandhinagar and Prof. Hemant Kaushik, Professor, IIT Guwahati. In addition to the expert lectures several laboratory sessions were also conducted during the Colloquium. The colloquium was attended by scholars, faculty members, professionals and students with great enthusiasm. The workshop was coordinated by Dr. Sharad Purohit, Professor and Prof. Utsav Koshti, Assistant Professor, Civil Engineering Department, School of Engineering, Institute of Technology, Nirma University.

FulBright Specialist Programme

Civil Engineering Department hosted Fulbright specialist programme during January 17, 2019 to February 8, 2019. The programme was chaired by Prof. Daniel Abrams, Emeritus Professor of Structural Engineering, and University of Illinois at Urbana-Champaign, USA under Fulbright Specialist Program by USIEF in New Delhi. Following activities were carried-out by Prof. Daniel Abrams under the Fulbright Specialist Program.

- Conducted a special course on “Experimental Techniques in Earthquake Engineering” for a duration of 9 Hours for M.Tech Civil Engineering (CASAD) students as well as faculty members of the Civil Engineering Department.
- Interacted with B. Tech. (Civil Engineering), students of Semester-IV and VI and discussed about professional requirements of an Engineer, Role of an Engineer and Career Options in Civil Engineering.
- Had one to one interaction with Research Scholars (Ph. D.) enrolled with the Civil Engineering Department.
- Delivered two expert sessions during National Colloquium on “Advancement in Seismic Design of Masonry Structures” held during January 30 -31, 2019. Also a Laboratory Session of 1.5 hours was conducted by him.

Considering the extensive need in Engineering and Technology for students, faculties, research scholars and industry personnel, many workshops were conducted

- Workshop on “Power Electronics for Renewable Energy Systems and Power Quality Issues” by Electrical Engineering department during February 17-18, 2018.
- Workshop on Enhancing Power System Capability through Facts by Electrical Engineering department during March 17-18, 2018
- Two workshops on Back End VLSI Design by Electronics and Communication Engineering department on April 6-7, 2018.
- One day workshop on Internet of Things and Fog Computing by Electronics & Communication Engineering department on August 28-29, 2018.
- One day workshop on Testing and Verification of VLSI Circuits by Electronics and Communication Engineering department on October 2-3, 2018.
- Two day workshop on Technical paper Writing Clinic was conducted for Ph.D students of ITNU on October 4-5, 2018.
- A two-day workshop on “Simulations of Wireless Communication Systems using OCTAVE” by Electronics and Communication Engineering department during January 19-20, 2019.
- Thesis writing workshop for M.Tech Students was conducted on March 15-16, 2019.
- Workshop on “Application of Soft Computing in Electrical Engineering” by Electrical Engineering department was organized on March 16, 2019.

Academic Activities

Following are some of the academic initiatives taken during the year-

- In order to increase the involvement of students in the extension activities a policy is framed in the form of Supplementary Course named “Community Services” for all the B.Tech. students admitted in 2018-19 and D to D students admitted in the year 2019-20, where in the students are required to carry three week of social services during the summer vacation after completion of Sem. II

Research, Publications & Development Activities

- In the year 2018-19, 9 faculty members were awarded Ph.D., taking the total count to 93 Ph.D. holders in the institute. Further, 77 faculty members are currently pursuing Ph.D.
- As a part of collaboration with Research Organization and Industries, MoU with CSMCRI, CSRI AMPRI and Tata Motors were signed.

Awards and Honors

- A large number of faculty members and students were acknowledged for their outstanding achievements.
- The Institute Innovation Council was established under the Ministry of Human Resource Development (MHRD) Govt of India’s initiative to systematically foster the culture of Innovations among all higher Education Institutions (HEIs).
- Dr. D.M. Adhyaru – Head, Instrumentation & Control department was felicitated with the ISTE – Best Engineering College Teacher Award for Gujarat State-2018.
- Dr. J.P. Ruparelia, Head, Chemical Engineering department has been invited to join the Expert Appraisal Committee by MoEF, New Delhi for Environmental Impact Assessment of projects requiring Environmental Clearance under Environmental Impact Assessment Notification, 2006.
- The Institute of Technology, Nirma University has been awarded the “Outstanding Educational Institutes (West)” by National Education Awards 2018 at the 9th ABP NEWS National Education Awards.
- Dr. H K Patel, Faculty advisor of ISA (International Society of Automation) is honoured with the prestigious leadership position of Chair-Student Affairs, ISA District’14 (Asia-Pacific). The tenure of his position will be from January 2019 to January 2021.
- Dr. P. N. Tekwani was invited by the Ministry of Foreign Affairs (MFA), Israel to attend the ‘Discover Israel Programme for Young Leaders in Higher Education, Innovation and Start-Up Ecosystem.’ This was to understand the ecosystem in higher education in Israel and also to develop further linkages with Universities of Israel.
- Dr. Priyanka Sharma received recognition as a Deep Learning Ambassador by the NVIDIA, an American Company known to be world leaders in GPU Computations and Deep Learning.
- Student Branch Advisor of ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) Prof. Balkrushna Shah of Mechanical Engineering Department is awarded 2018 Student Branch Advisor of the Year Award in recognition of his outstanding service and leadership in fostering the growth and strength of the Nirma University Student Branch in Atlanta, Georgia, USA from January 12-16, 2019.
- Team “CON-SL-E 3.0” of IC Department from the Institute of Technology, Nirma University was runner up in Mitsubishi Cup-MECUP-4 and won the Silver Cup along with a Rs.75,000/- cash prize. The team has won the Silver Cup consecutively for 3 times since 2007 in the National level Automation Competition for Students organised by Mitsubishi Electric India Pvt. Ltd.
- Team Stallions won the All-Terrain Vehicle ATV BAJA SAE India Competition. Team Stallions with their e-BAJA ATV was conferred with Overall Champions Award for the brilliant ATV

performance during the 12th edition of SAE BAJA INDIA organized from January 24-27, 2019. The competition was in the category of m-BAJA (petrol engine driven cars) and e-BAJA (battery driven electric cars) category. The m-BAJA team won the Best Skill BAJA award for exhibiting exemplary manufacturing skills which included cutting, welding and bending of roll cage members or parts. Team e-BAJA won five awards including 1st in Sales; 1st in CAE, 1st in acceleration, and 1st in durability, respectively.

- Team Nirma Robocon won the National event of 2018 beating around 113 teams of various Engineering Institutes across the country including IITs and NITs. This year Team Nirma Robocon, represented India at ABU International Robocon event held at NinhBinh, Vietnam during August 24-27, 2018. The team won "ROHM Award" for the Innovative Design.

Other Achievements

- The Mechanical Engineering Student's Association (MESA), organized "PRAVEG", A Techno-Management Cultural Symposium on November 1-2, 2018. In line with it the Indian Coast Guard and Border Security Force organized an exhibition of their weapons and technology to aid the understanding of their role in the safety of the nation. The inaugural function of the event was graced by the Hon'ble Railway Minister of India Shri Piyush Goyal; Minister of Home, Gujarat, Shri Pradipsinh Jadeja; IG Ftr HQ BSF Gujarat Shri G S Malik; President of Nirma University, Dr Karsanbhai Patel; Mayor of Ahmedabad City Smt. Bijalben Patel; MD, Nirma Ltd. Shri Hirenbhai Patel; and Vice President, Nirma University Shri K K Patel. A talk show with Hon'ble Chief Minister of Gujarat Shri Vijay Rupani hosted by the popular Gujarati Movie actor and Radio Jockey Dhwani Thaker was a major success. The talk was replete with personal and political insights and stories of Shri Rupani's journey leaving the audience in rapt attention.
- NuTECH 2019 was organised on March 12-13, 2019 with the theme SHAURYA to honour the defence forces. The fest witnessed a footfall match of more than 3000 participants from the entire state of Gujarat as well as a few neighbouring states. One of the greatest features of this year's NUTECH was creativity. The students had prepared several art pieces related to different wings of defence: Army, Navy and Airforce. A remarkable display of these pieces was put at several important places on the campus and was highly appreciated by all. There were 50 plus events and workshops. A significant number of participants took part in all the events. Some of the events include, poster presentation, idea presentation, model presentation, robotics, Hack NU Thons, business-related events. One of the attractions of the entire fest was the EDM Night by "Progressive Brothers".

Ranking

The prominent rankings are highlighted as under:

- Rank 10th in Times of India Ranking 2019.
- Ranked 8th Top Engineering Colleges of Super Excellence, and 1st in Gujarat State, as per the survey of Competition Success Review-GHRDC Engineering Colleges Survey 2018. (July, 2018)
- Ranked 11th in Top Private T-100 Schools 2018, and 11th in West Zone under zone wise, as per the Dataquest CMR T-School Survey 2018. (June, 2018)
- Ranked 11th in the Top 20 Private Colleges by Outlook Magazine 2018. (July, 2018)
- Ranked 23rd in Top T-100 Schools 2019 (Overall – Govt. and Private combined) across the country as per Dataquest CMR T-School Survey 2019 (March, 2019)
- Ranked 23rd in Top 100 T Schools 2018 (Govt. and Private Combined) across the country as per the Dataquest CMR T-School Survey 2018 (June, 2018)

- Ranked 13th amongst Private Engineering Colleges Ranking by Digital Learning. (April, 2018)
- Ranked 39th amongst India's Top 100 Engineering Institutes Table League, Ranked 2nd in Gujarat State as per Education World India Institutes Ranking 2018. (May, 2018)
- Listed in the AAAA category amongst Engineering Institute in Gujarat as per the survey conducted by Careers 360 in 2018. (April, 2018)

Dignitaries visited

Name of the Dignitary	Organization and designation	Purpose of visit	Date
Dr. Japan Trivedi	Associate Professor, Petroleum Engineering at the University of Alberta, Canada	Delivered an expert talk on “Enhanced Oil Recovery” for Chemical Engg. Students.	January 11, 2019
Prof. Svetlana Brzev	Professor, Civil Engineering Department in University of British Columbia	Delivered an expert talk on “Advancements in Seismic Design of Masonry Structures” during National Colloquium organized by Civil Engg. department.	January 30-31, 2019
Dr. Daniel Abrams	Emeritus Professor of Structural Engineering, University of Illinois at Urbana-Champaign, IL, USA	Conducted a lecture series on course titled "Experimental Techniques in Earthquake Engg." Civil Engineering Department University as Full Bright Specialist under USIEF, New Delhi.	January 19-February 8, 2019
Dr. Paul Chiarot	Associate Professor, Department of Mechanical Engineering, SUNY Binghamton University, New York, USA	Conducted a one day Seminar on “Energy and Efficiency for the 21st Century” for students of Mech. Engg. department.	February 7, 2019
Dr. Marcello Lappa	Director of the MSc course, Department of Mechanical and Aerospace Engineering, University of Strathclyde, Glasgow, UK	Delivered an expert talk on “On the relevance of CFD to Material Science” for students of Mech Engg. department.	February 25, 2019
Dr. Hussam Jouhara	Professor, Department of Mechanical and Aerospace Engineering, Brunel University London, UK	Delivered an expert talk on “Advances in Heat Pipe Heat Exchanger” for students of Mech Engg. department.	February 26, 2019
Dr. Rishi Gupta	Associate Professor, Civil Engineering Department, University of Victoria, British Columbia, Canada	Delivered an expert talk on “Green Concrete Reinforced using Fibers Recovered from Waste Acrylic” for Civil engg. department.	March 1, 2019

Dr. Saratkumar Patra	Director, IIIT, Vadodara	Visited EC Department and delivered a talk on “Modern Communication from Analog to 5G and beyond.”	March 01, 2019
Dr. M. B. Patil and Dr. Mukul Chadorkar	Professors, Electrical Engineering Department, IIT, Mumbai V	Visited EC department and conducted a workshop on “Examination Reforms” on March 02, 2019.	March 02, 2019
Dr. Jorge Teniente-Vallinas	Public University of Navarra, Spain	Delivered a short course on “Antennas, Terrestrial and Satellite Radio Wave Communications” for EC Engg. Students.	March 4-8, 2019
Dr. Rene Villalobos	Associate Professor, Department of Industrial Engineering, Arizona State University, USA	Delivered an expert talk on “Research Opportunities in the planning of Supply Chains of Fresh Produce” for Mech. Engg. Students.	March 5, 2019
Dr. Xingquan (Hill) Zhu	Professor and Distinguished Senior Researcher, Florida Atlantic University, USA	Conducted International lecture Series on “Deep Learning” for CSE students.	March 5-9, 2019
Mr. Wei Sun	President, ASHRAE Distinguished Lecturer, President & CEO, Engsysco, Inc. Michigan, USA	Delivered an expert talk on “Cleanroom and HVAC System Design Fundamentals” for Mech. Engg. Students.	March 7, 2019
Prof. Mohammad Khasawneh	Professor, Department of Systems Science & Industrial Engineering (SSIE), SUNY Binghamton University, New York	Delivered an expert talk on “Healthcare Systems and Data Science” at CSE Department.	March 18, 2019
Dr. Preeti Rao	Professor, Electrical Engineering Department, IIT Bombay, Mumbai	Visited EC department and delivered a talk on “Signal Processing and Machine Learning for Audio Applications.”	December 21, 2018
Dr. M. B. Patil	Professor, Electrical Engineering Department, IIT Bombay, Mumbai	Visited EC department and conducted a workshop on “SequelApp for Teaching Electronics”	December 21, 2018
Dr. Uma Mudenagudi	Dean Research and Development, KLETech University Hubballi and Professor, Department of Electronics & Comm. at BVB College of Engineering and Technology Hubli	Visited EC department and delivered an expert talk on 3D reconstruction Algorithms and Research at BVB College Hubli” to the EC and CSE students and Faculty members.	November 27, 2018

Dr Harvey Stenger	President, Binghamton University, USA	To expand Collaboration with Binghamton and Nirma University as per the MOU signed on Sept 2017.	November 26, 2018
Dr Krishnaswami Srihari	Dean of the Watson School of Engineering and Applied Science, Binghamton University		
Dr Bernard Bigot	Director General, ITER France	Chief Guest during the 26th Convocation of the Institute. Signing of MoU between ITER and Institute of Technology for exciting collaborative opportunities for the students and faculty.	October 22, 2018
Mr. Himanshu Badola	Deputy Commandant, Bt. No.6, NDRF Team, Gandhinagar	On occasion of International Day for Disaster Reduction on 12th October, 2018 NDRF Team was invited for demonstration of mock exercise, rope rescue drill and exhibition on Disaster Management for students of Civil Engg. Also delivered an expert lecture to spread awareness about Disaster Mitigation.	October 12, 2018
Shri Ramani Iyer	District Vice President, ISA Society	The 2nd All Gujarat Instrumentation and Control Engineer's Meet	September 20, 2018
Shri Jagdish Shukla	District Ex- Vice President ISA Society	The 2nd All Gujarat Instrumentation and Control Engineer's Meet	September 20, 2018
Mr. Madhukant Patel	Reve Automation, Gandhinagar	To deliver lecture during STTP on wheels by IC department.	July 6, 2018
Mr. Milind Gokhale	Mitsubishi Electric India Pvt. Ltd., Pune	To deliver lecture during STTP on wheels by IC department.	June 26, 2018
Prof. Svetlana Brzev	Professor, Civil Engineering Department in University of British Columbia	To witness Shock Table Test on Retrofitted Non-Engineered Building made up of AAC Block as a part of major project work of M. Tech. student.	April 17, 2018

I. Curricular Aspects

New Courses being offered:

1. Minor in Construction Technology and Management to be offered to the students of B.Tech in Civil Engg from academic year 2018-19.
2. Minor in Robotics and Automation to be offered to the students of all B.Tech programme.
3. “Cryogenic Technology” as Department elective for all branches of M.Tech in Mechanical Engg.
4. Web Technology for Sem. I students of MCA.
5. Department elective - Electric Vehicles for Sem. VII of B.Tech in Electrical Engg.
6. Courses of Semester-VII of B.Tech.
7. Courses in the pool of electives for minor in ‘Entrepreneurship’ and revision in its Teaching and Examination Scheme 1. Introduction to Strategic management, 2. Human Resource Management and 3. Financial Management

Courses where major revision is made:

- Revision in the Curriculum of Semester I and II for all the B.Tech Programmes, in line with AICTE Model Curriculum. The total number of credits are reduced from 186 to 152. (April, 2018)
- Introduction of Teaching and Examination Scheme for B.Tech III to VIII semester of all the B.Tech programme for the students to be admitted from academic year 2018-19 and D to D students to be admitted in year 2019-20.(April, 2018)
- Revision in curricula of M.Tech Programme by Introducing new Teaching and Examination Scheme of Sem.I & II and Syllabi of Sem. I in supersession of the existing curricula. (April, 2019)
- Revision in curricula of MCA Programme by Introducing new Teaching and Examination Scheme of Sem. I & VI and Syllabi of Sem. I & II in supersession of the existing curricula. (April, 2019)
- In MCA Semester I the course titled Internet and Web Development: 3CA1154 is replaced with a new course titled Web Technology: 3CA1157
- In M.Tech Electronics & Comm. (VLSI Design), a course titled DSP Systems and Architecture (3EC1103) is withdrawn from Sem. I and the course titled Analog Design Lab (3EC1217) has been withdrawn from Sem. II. Signal processing (3EC1252) an Elective II of Sem. II has been shifted to Semester I as core course. Applied Algorithm for VLSI CAD is renamed as VLSI Physical Design and the syllabus and component weightage of the course is revised.
- In Mechanical Engg. Major revision in the syllabus of course 3ME2108 – Advanced Heat Transfer of M.Tech in Thermal Engg. Sem.I, ME642 Maintenance Engg. Department Elective of B.Tech in Mechanical Engg. Sem. IV, 3ME2107 Viscous Fluid Flow of M.Tech in Thermal Engineering Sem.I, ME104 Mechanical Workshop for 1st year B.Tech (all branches)
- MA102 Calculus and Differential Equations course is Swapped from semester I to and the course MA202 Linear Algebra is swapped from Sem.II to Sem.I
- Replacement of prerequisite course- Essentials of Programming is replaced with a new course- Computer Programming along with Syllabi and revision in TES.
- Revision of Syllabi of pre-requisite courses of Sem-III/IV for students admitted through lateral entry in B.Tech Foundation Mathematics I for Sem. II and Foundation Mathematics II for Sem. IV

Other Initiative/Innovation in Curricular Design:

- A course website and blog has been developed for each course and access of both is available to student to enable 24*7 learning.
- 10% self-study component has been included in each course.
- Video lecture related to respective course are shown to students in class. Eminent speakers are invited for expert talks on different topics.

II. Teaching-Learning and Evaluation

Faculty completed/pursuing Ph.D.

Faculty completed Ph.D.: 09

Faculty Pursuing Ph.D.: 77

Innovation in Teaching - learning & evaluation:

In order to incorporate innovations in Teaching- Learning and evaluation, following practices are initiated-

- Policy for Community Services.
- A comprehensive course policy for all the courses was designed and made available to all the first year engineering students.
- Project policy was framed and implemented to ensure uniform conduction and evaluation of all the seminar/project components in the UG/PG curriculum.
- Question banks considering various cognitive levels were prepared for each subject to be used for continuous and semester end examinations.
- Department level, area wise committees comprising of senior faculty were formed to assess the standard of question papers/assignments etc. in each subject.
- Attainment of CO's and mapping of CO's to PO's was carried out for every subject and class.

Other Initiatives

- Yoga classes compulsory for all first year students
- NPTEL study center was established in the institute and many students, faculty and staff pursued NPTEL courses and qualified at the national level.
- All the faculty members actively use video projectors to demonstrate important concepts during their lectures which include NPTEL/MOOC videos, demonstration, animation or simulation of some conceptual model.

Interdisciplinary Student projects:

Sr. No.	Title of Project	Institute/Departments involved	Names of the Guides	Students
1	Shake table with periodic and random motions	Civil Engineering Department and I&C Engineering Department	Prof. U. K. Koshti Prof. H. K. Kapadia	15BCL116 15BIC065
2	Space D.O.G	IC Engineering Department and Civil Engg. Department	Prof. S K Chauhan Prof. Harsh Kapadia	15BEE090, 15BEE066 15BIC051
3	Tumor Detection and Segmentation	Electronics & Communications & Computer Science & engineering	Dr. Priyanka Sharma	15BEC037 15BEC047

			Prof. D. J. Panchal	
4	Human Gait Characterization	Electronics & Comm. Engineering	Prof. Hardik Joshi Dr. Vinit Vashistha (IITG)	15BEC060

Exam Reforms Implemented

- In view of the examination reforms suggested by the AICTE and the requirements of NBA, the question paper format was revised. Every question will indicate the associated CO and Blooms Taxonomy Level. This will be made effective in all SEE papers from May, 2019.
- As per the regulations of Nirma University a supplementary examination is introduced.
- Seminar on examination reforms were conducted by EC and IC department on March 2, 2019 and by CSE department on March 16, 2019.
- Flexible timings and choice of place for assessment offered to faculty to ease the evaluation process.

Number of faculty development programmes availed by faculty:	98
Number of faculty development programmes organized by the Institute:	49
Invited/Endowment Lectures:	148

Non-Teaching Staff Development

Eight staff members attended a Two weeks Training Programme conducted for Non-Teaching Staff (Office Assistant/Library Assistant/Laboratory Assistant) in the cadres Regular and Adhoc Employee by CQAAD Cell of Nirma University from February 19, 2019 to March 7, 2019

III. Research Consultancy and Extension

Research Projects

Major Research Project funded by External Agencies during:

Financial Year	Completed		Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount (Rs. In lacs)	Number	Amount (Rs. in lacs)	Number	Amount (Rs. in lacs)
2018-19	5	104.48	12	249.15	2	61.20
2017-18	04	57.25	10	215.57	10	198.78

Major Research Project funded by Nirma University during:

Financial Year	Completed		Ongoing	
	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)
2018-19	1	27.00	-	-
2017-18	-	-	1	27.00

Minor Research Project funded by External Agencies during:

Financial Year	Completed		Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)
2018-19	1	5.30	1	7.50	3	3.51
2017-18	10	43.62	03	21.80	--	--

Minor Research Project funded by Nirma University during:

Financial Year	Completed		New projects (Sanctioned)	
	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)
2018-19	15	13.78	4	4.00
2017-18	09	8.58	11	10.44

Details of Research Project

Completed Major Research Projects Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1	Affordable PD Doped Perovskite Based Catalytic Converter for Abating Automotive Emission	Prof. Femina Patel, Prof. Sanjay Patel, Prof. Niraj Shah	27,00,000/=

Completed Major Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Design, Fabrication and Testing of a Corrugated Horn Antenna for Millimeter Wave Plasma Diagnostics	Prof. Dhaval Pujara	Board of Research in Nuclear Sciences (BRNS)	20,92,000/=
2	Oceanic Pollution and other Ocean Phenomenon Monitoring using Feature Extraction from Multi-Polarized SAR Data	Prof. TanishZaveri, Prof. Pooja Shah	ISRO-RESPOND	18,26,000/=
3	Algorithm for Water Pollutant Identification due to Sewage and Industry Disposals for South Karnataka Coast, Mangalore Region	Prof. TanishZaveri, Prof. Pooja Shah	ISRO-RESPOND	17,00,000/=
4	Calibration and Validation of RISAT-1 SAR Sensor	Prof. Parul Patel	ISRO-RESPOND	37,60,000/=
5	Design and Development of Spatio-Temporal Data Mining Techniques and Software Framework for Earth Observation Data	Prof. Sanjay Garg	Indian Space Research Organisation (ISRO)	10,70,000/=

Ongoing Major Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Study and Development of Domain Adaptive Classification Algorithms for Advanced Earth Observation and Annotation System	Prof. TanishZaveri, Prof. Priyank Thakkar, Prof. Pooja Shah	ISRO-RESPOND	17,90,000/=
2	Identification of Material and Distress for Road Network of Ahmedabad City using L and S Band Airborne SAR	Prof. HemangDalwadi, Prof. Parul Patel	ISRO-RESPOND	19,56,000/=
3	Development of Low Cost Methodology for Surveying and Mapping with IRNSS	Prof. Parul Patel, Prof. HemangDalwadi	ISRO-RESPOND	17,05,000/=
4	Identification of Existing Road Material, Condition and Potential Parking Area of Ahmedabad City using AVIRIS Data and Updation Plan of Undeveloped Road	Prof. Parul Patel, Prof. HemangDalwadi	ISRO-RESPOND	17,00,000/=
5	Identification of Perched Water Table Areas in Irrigated Tracts and Seepage through Irrigation Canal Using Air-Borne SAR Data	Prof. Parul Patel	ISRO-RESPOND	20,67,000/=
6	Using Deep Learning to Understand and Predict the Dynamics of Tokamak Discharges	Prof. Priyanka Sharma, Prof. Swati Jain	Board of Research in Nuclear Sciences (BRNS)	26,00,000/=
7	Mining Crop Cover, Crop Type and Crop Stages From L & S Band SAR	Prof. MadhuriBhavsar, Prof. ZunnunNarmawala, Prof. Swati Jain	ISRO-RESPOND	14,28,000/=
8	Design Against Radiation Effects ASIC Standard Cell Library for VLSI Circuits	Prof. NiranjanDevashrayee, Prof. NagendraGajjar	Defence Research and Development Organisation (DRDO)	37,72,000/=
9	SAR Polarimetry for Detecting Ocean Surface Targets	Prof. Alka Mahajan, Prof. MadhuriBhavsar, Prof. Payal Prajapati	ISRO-RESPOND	18,52,000/=
10	Development of Comprehensive Technique for Soil Moisture Estimation Using L & S Band Airborne Polarimetric SAR Data	Prof. Sanjay Garg, Prof. Priyank Thakkar, Prof. Vijay Ukani	ISRO-RESPOND	21,80,000/=
11	Spectral Discrimination and Separability Analysis of Crops	Prof. Tarjni Vyas	Indian Space Research	17,40,000/=

	and Weeds Using Deep Learning Techniques		Organisation (ISRO)	
12	Trajectory Planning for Robotic Arm for Automatic Damage Detection and Recognition of First Wall Tile Images in Tokamak Using Image Processing and Machine Learning	Prof. Swati Jain, Prof. Priyanka Sharma	Board of Research in Nuclear Sciences (BRNS)	21,25,000/=

Sanctioned Major Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Optimizing Parallelisation of Legacy Code on Appropriate HPC Platform	Prof. Madhuri Bhavsar, Prof. Gaurang Raval, Prof. Monika Shah	Board of Research in Nuclear Sciences (BRNS)	12,23,000/=
2	Development of Integrated Wastewater Treatment Systems Using Alternative Innovative Approaches of Microbial Fuel Cells, Magnetic Nanoparticles and Vermicomposting with Water Hyacinth for Secondary Sludge Management	Prof. Chetna Chauhan, Prof. Nasreen Munshi, Prof. Manisha Shah This project is of interdisciplinary nature and combined with Institute of Science, Nirma University and Veer Narmad South Gujarat University	Gujarat State Biotechnology Mission (GSBTM)	48,96,574/=

Completed Minor Research Projects funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1	3-D Laser Triangulation based Object Height Measurement	Prof. Harsh Kapadia	1,00,000/=
2	Prototype of Femto Satellite Using Embedded Processors for Internet of Space	Prof. Ami Shukla, Prof. Nagendra Gajjar, Prof. Niranjan Devashrayee	99,000/=
3	Evaluation of Effect of Induced Shear in Blending of Powders on Mechanical Properties of Aluminium Based Metal Matrix Composites	Prof. Arvind Sankhla	50,000/=
4	Development of Navigation Algorithm for Autonomous Mobile Robot	Prof. Vishal Vaidya, Prof. Ankit Sharma	1,00,000/=
5	Synthesis, Characterization and Application of Polymer in Organic Solar Cell	Prof. Neha Patni	1,00,000/=
6	Experimental Investigation on Behaviour of Structural System under Lateral Load	Prof. Utsav Koshti, Prof. Sharad Purohit	1,00,000/=
7	Design of Walking Mechanism for a Bipedal Robot	Prof. Jatin Dave, Prof. Mihir Chauhan, Prof. Reena Trivedi	1,00,000/=

8	Application of Acoustic Based Techniques for Detection of Machinery Faults	Prof. Dhaval Patel, Prof. VipulBhojawala, Prof. Kaushik Patel	1,00,000/=
9	Experimental Investigations on Artificially Roughened Solar Air Heater	Prof. Sanjay Jain, Prof. Vikas Lakhera	1,00,000/=
10	Tribology with Biodiesel: an Experimental Study to Identify Tribo-Corrosion Behaviour of Different Bio-Diesel	Prof. AbsarLakdawala, Prof. TejasRaval	1,00,000/=
11	Automation of Fertilization for Small Scale Farms	Prof. Vijay Savani, Prof. AkashMecwan, Prof. PiyushBhatasana	79,000/=
12	Evaluation of Effect of Induced Shear in Blending of Powders on Mechanical Properties of Aluminium Based Metal Matrix Composite	Prof. Kaushik Patel, Prof. Arvind Sankhla	50,000/=
13	Experimental Investigation on Residual Stress Developed During Friction Stir Welding	Prof. NileshGhetiya	1,00,000/=
14	Synthesis and Characterization of Magnetorheological Fluids Using Magnetorheometer	Prof. Hiren Prajapati, Prof. Mitesh Panchal	1,00,000/=
15	Development of Low Cost Technique for Cu-Extraction from E-waste	Prof. Amita Chaudhary	1,00,000/=

Completed Minor Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Experimental Investigations on Ultrasonic Single Point Incremental Forming (USPIF)	Prof. Bharat Modi, Prof. Ashish Gohil, Prof. Kaushik Patel	Gujarat Council on Science and Technology	5,30,000/=

Ongoing Minor Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Reduction of E-Factor in Dyes and Pigment Industries	Prof. Parin Shah	The Green Environment Services Co-op. Soc. Ltd., Vatva, Ahmedabad	7,50,000/=

Sanctioned Minor Research Projects funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1	Enhancement of a Downdraft Gasifier Performance with Lignite Feedstock	Prof. DarshitUpadhyay	1,00,000/=
2	Experimental Investigations on Effects of Sediment Erosion on Pump as Turbine	Prof. Roshan Tandel, Prof. Sanjay Jain	1,00,000/=
3	Design and Development of Multi Branch Heat Pipe and its Charging Set-Up	Prof. Anand Bhatt	1,00,000/=
4	Synthesis of Rare Earth Doped Magnetic Nano Materials for Microwave Shielding	Prof. Chetna Chauhan, Prof. Tanuj Gupta	1,00,000/=

Sanctioned Minor Research Projects funded by External funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Synthesis and Characterization of Magnetically Hard/Soft-Srm/Ni Ferrite Nano Composites	Prof. Chetna Chauhan, Prof. Tanuj Gupta	UGC – DAE Indore	45,000/=
2	Design and Fabrication of Permanent Magnet Motor for Electric Vehicle	Prof. Amit Patel, Prof. Tejas Panchal	Duke Plasto Technique Pvt. Ltd.	80,000/=
3	Development of Split AC Test Rig Working on Inverter Technology and Charged with Environment Friendly Refrigerant R – 32 as a Laboratory Equipment for Engineering Students	Prof. Balkrushna Shah	ASHRAE (American Society of Heating Refrigerating and Air Conditioning Engineers)	2,26,000/=

Number of Teachers allowed to participate in National/International Conferences based on the acceptance of their Research Paper.

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred (In Rs. In lacs)	Number of Teachers	Amount incurred (In Rs. In lacs)
2018-19	7	0.49	44	6.97
2017-18	11	0.72	44	5.48

Publication by Institute

Research Publications:

Year	National Journal			International Journal		
	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor
2018-19	9	3	0.21	92	58	2.68
2017-18	6	2	0.61	83	45	1.88

International Conference, National Conference/Seminar including Abstracts:

International Conference: 83

National Conference: 9

Other Publications

Books: 4

Chapter in Books: 42

NUiCONE 2017 proceeding in CRC and Taylor and Francis

Research Awards/Prize/Schemes

Sr. No.	Name of Faculty Member	Recognition/ Honor/ Award	Reason	Name of Organization (from which it was received)
1	Dr J P Ruparelia	ISTE IPCL National Award for Best M.Tech. Thesis in Chemical Engineering for the year 2018	As a guide for Best M. Tech. Thesis	ISTE
2	Dr. Sharad Purohit	ISTE Smt Saraswati National Award for Best M.Tech Thesis in Civil Engineering for the year 2018	As a guide for Best M. Tech. Thesis	ISTE
3	Prof. Darshit Upadhyay	ISTE-GSFC National Award for Best M.Tech. Thesis in Mechanical Engineering	As a guide for Best M. Tech. Thesis	ISTE
4	Dr Saurin Parikh	International Financial Assistance	To attend International Conference on Artificial Intelligence in Education 2018 - PALE AIED workshop and presentation of paper titled "Eye Gaze Feature Classification for Predicting Levels of Learning" during Jun 27 - 30, 2018	Nirma University
5	Dr Sudeep Tanwar	Best Paper Award	Paper Titled "Hybrid Energy System for Upgrading Rural Environment" during IEEE Global Communication Conf. 2018 at Abu Dhabi,UAE during December 9-13, 2018	IEEE GLOBECOM 2018, Abu Dhabi, UAE
6	Dr Sudeep Tanwar	International Partial Financial Assistance	To attend the IEEE Global Communications Conference 2018 (IEEE Globecom 2018) at Abu Dhabi, UAE during December 9-13, 2018	Council of Scientific and Industrial Research (CSIR), HRD Group, New Delhi
7	Prof Pronaya Bhattacharya, Dr Sudeep Tanwar, Prof. Rushabh Shah and Prof.	Best Paper Award	Springer 2nd International Conference on Recent Innovations in Computing (ICRIC-2019) during March 08-09, 2019	Central University of Jammu, J & K, India.

	Akhilesh Ladha			
8	Dr Maduri Bhavsar	First price for Paper presentation	Paper titled Classification of Crop types using C-Band Sar Data During International Conference on Knowledge Discovery in science and Technology 2019 ICKDST-19	IEEE Pune
9	Dr Priyanka Sharma	Award for “Leader in Education”	Leader in Education Award 2019	London, UK in May, 2019
10	Prof. Anant Patel	Best Paper Award	Paper Titled Water Quality analysis of the world’s largest gravity canal system - Narmada Main Canal, Ahmedabad under the theme of Ground water & Water Quality during International Conference Hydro 2018 at NIT Patna in December 2018	NIT Patna
11	Prof. Alka Shah	Gold Medal	For successfully completion of NPTEL course on Geosynthetics Testing Laboratory with 90% marks.	IIT Bombay
12	Prof. Alka Shjah	Best Paper Award	Paper presentation in international conference on "Trends and Recent Advances in Civil Engineering 2018" (TRACE 2018, during August 23-24, 2018	Amity School of Engineering and Technology, Amity University, Noida
13	Prof. Viraj Parekh	Elite Certificate and rank among top 5%	For successfully completing online NPTEL course of 8 weeks on "Principles of Construction Management"	IIT Kanpur
14	Prof. C R Mehta and Prof. S C Vora	Best Paper Award	Paper titled Short Circuit Behavior of Various Types of Asynchronous and Synchronous Generators in Multi Machine System at International Conference on Advances in Science and Technology, (ICAST – 2018)during May 4 – 5, 2018	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur

Citation Index of Faculty Members and Impact Factor

Sr. No.	Name of the Faculty Member	Citation as per Google Scholar	Citation as per SCOUPUS
1.	Dr J.P. Ruparelia	1651	1147
2.	Dr S.S. Patel	799	0
3.	Dr M.H. Joshipura	157	100
4.	Dr Parin Shah	61	0
5.	Dr Nimish Shah	26	17
6.	Prof Leena Bora	89	69
7.	Prof R.N.Reddy	44	0
8.	Prof Nikita Chokshi	5	0
9.	Prof Neha Patni	142	22
10.	Prof Amita Chaudhary	3	0
11.	Dr Shibu Pillai	385	229
12.	Dr. Ankur Dwivedi	62	30
13.	Dr. Amit Kumar	2	0
14.	Dr. Madhuri Bhavsar	145	22
15.	Dr Sanjay Garg	193	71
16.	Dr. Priyanka Sharma	56	20
17.	Prof. K P Agrawal	19	20
18.	Dr. Sharda Valiveti	62	11
19.	Prof. Vijay Ukani	116	25
20.	Dr. Priyank Thakkar	376	220
21.	Prof. Zunnun Narmawala	93	43
22.	Dr. Sudeep Tanwar	230	173
23.	Prof. Swati Jain	22	5
24.	Prof Monika Shah	9	4
25.	Prof Rupal A Kapdi	27	4
26.	Prof. Pooja P Shah	23	2
27.	Prof. Vishal U. Parikh	13	2
28.	Prof Jigna A Patel	24	11
29.	Prof Pimal Khanpara	9	1
30.	Prof. Ajaykumar M Patel	1	0
31.	Prof Tarjni Vyas	20	10
32.	Prof. Shivani Desai	9	0
33.	Prof Vivek K Prasad	13	0
34.	Prof. Anuja Nair	2	0
35.	Prof. Kavita Tewani	1	0
36.	Dr. Gaurang Raval	39	15
37.	Dr. Ankit Thakkar	201	93
38.	Dr. Jai Prakash Verma	84	34
39.	Prof. Parita Oza	4	1
40.	Prof. Malaram Kumhar	13	0
41.	Prof. Sapan Mankad	11	6
42.	Prof. Dvijesh Bhatt	20	0
43.	Prof. Daiwat Vyas	23	0
44.	Prof. Payal Prajapati	18	9

45.	Prof. Preksha A. Pareek	5	0
46.	Prof. Pronaya Bhattacharya	24	1
47.	Prof. Saurin Parikh	18	15
48.	Prof. Deepika Shukla	3	3
49.	Prof. Smita Agrawal	22	1
50.	Prof Rasendu Mishra	1	1
51.	Prof. Priti Kathiria	7	0
52.	Prof. Devendra Vashi	1	0
53.	Prof. Rushabh Shah	15	5
54.	Dr. Paresh V. Patel	142	64
55.	Dr. Urmil V. Dave	165	83
56.	Dr. Parul R. Patel	35	-
57.	Dr. Sharad P. Purohit	45	28
58.	Dr. Hasan M. Rangwala	4	2
59.	Prof. Digesh D. Joshi	44	26
60.	Prof. Sonal P. Thakkar	6	1
61.	Prof. Sunil D. Raiyani	3	7
62.	Prof. Amit A. Dubey	2	-
63.	Prof. Rihan G. Maaze	5	-
64.	Prof. Tejas M. Joshi	-	9
65.	Prof. Hemang A. Dalwadi	1	-
66.	Prof. Viraj M. Parekh	1	-
67.	Prof. (Dr.) S. C. Vora	45	24
68.	Prof. (Dr.) P.N.Tekwani	1107	896
69.	Dr. A.A.Nimje	77	4
70.	Dr. Siddharthsingh K. Chauhan	124	84
71.	Dr. K.Bhattacharjee	258	197
72.	Dr Pavan Khetrupal	8	0
73.	Prof. A.N.Patel	50	21
74.	Prof. T.H.Panchal	9	0
75.	Dr. Manisha T. Shah	68	120
76.	Prof.S S Kanojia	17	1
77.	Prof. Chintan Mehta	52	10
78.	Prof. C.B.Bhatt	15	2
79.	Prof. P. N.Kapil	23	10
80.	Prof. Swapnil Jani	2	1
81.	Prof. S. D. Godwal	1	1
82.	Prof. Akhilesh Panwar	7	2
83.	Dr. D. K. Kothari	40	15
84.	Dr. N. M. Devasharyee	247	124
85.	Dr. Dhaval Pujara	179	133
86.	Dr. Usha Mehta	161	98
87.	Dr. N. P. Gajjar	30	09
88.	Dr. Y. N. Trivedi	63	37
89.	Prof. M. A. Upadhyay	13	09
90.	Dr. T. H. Zaveri	256	107
91.	Dr. A. P. Naik	28	00
92.	Prof. S. H. Gajjar	298	128

93.	Prof. P. M. Bhatasana	8	01
94.	Prof. V. H. Dhare	25	8
95.	Prof. A. I. Mecwan	29	9
96.	Prof. V. G. Savani	51	9
97.	Prof. D. G. Shah	56	8
98.	Prof. R. K. Sharma	1	1
99.	Prof. B. D. Fataniya	9	5
100.	Prof. M. R. Naik	13	11
101.	Prof. Ruchi Gajjar	32	0
102.	Dr. Ankur Pandya	19	13
103.	Dr. Chetna Chauhan	525	113
104.	Prof. Bhavin Kakani	15	14
105.	Prof. Dipak Adhyaru	213	170
106.	Prof. Jignesh Patel	61	25
107.	Prof. Himanshu Patel	119	27
108.	Prof. Sandip Mehta	16	13
109.	Prof. Vishal Vaidya	2	0
110.	Prof. Vidita Tilva	8	5
111.	Prof. Nital Patel	7	0
112.	Prof. Ankit sharma	83	16
113.	Prof. Alpesh Patel	14	8
114.	Prof. Harsh Kapadia	31	6
115.	Prof. Sneha K Soni	2	0
116.	Dr. Kunal Pathak	2	17
117.	Dr. Richa Mishra	2	19
118.	Dr. Motilal Panigrahi	4	99
119.	Dr. Samir Mahajan	2	7
120.	Dr. P S Vellala	1	9
121.	Dr. Priyanka Sharma	2	34
122.	Dr. Mahesh Yeolekar	3	26
123.	Dr. Bijal Yeolekar	3	20
124.	Dr. Dhiren Pandit	1	3
125.	Dr Sandeep Malhotra	2	6
126.	Dr. Indu Rao	3	26
127.	Dr Rajesh N Patel	652	502
128.	Dr Vikas J Lakhera	125	60
129.	Dr Kaushik.M.Patel	470	302
130.	Dr. Bharat A.Modi	31	
131.	Dr. (Ms.) Reena.R.Trivedi	63	58
132.	Dr. Bimalkumar Mawandiya	10	5
133.	Dr. Absar .M.Lakdawala	93	75
134.	Dr. Niraj K. Shah	23	13
135.	Dr. Sanjay.V.Jain	254	232
136.	Dr. Nilesh .D.Ghetiya	87	42
137.	Dr. Mitesh Panchal	170	132
138.	Dr. Madhusudan Achari	21	0
139.	Dr. Jatin M.Dave	26	15
140.	Prof. Vipul .M.Bhojawala	26	8
141.	Prof. Ashish M. Gohil	173	67

142.	Dr. Mihir M. Chauhan	39	23
143.	Prof. Balkrushna A Shah,	10	4
144.	Prof. Dhaval B. Shah	205	71
145.	Prof. Tejas N Raval	7	4
146.	Prof. Mayur A Makhesana	8	4
147.	Prof. Darshit S Upadhyay	36	25
148.	Prof. Hiren M Prajapati	1	0
149.	Prof. Saumil Desai	19	0

Ongoing Research Collaboration/New Collaboration

1. As a part of MoU signed with ITER France, student of Instrumentation and Control Engg. Ms. Suruthi carried out her B. Tech Internship at ITER France.
2. As a part of collaboration with University of Victoria, Canada, M. Tech. student Mr. Siddharth Jani (17MCLC02) carried out his major project work at University of Victoria, British Columbia, Canada under the guidance of Dr. Rishi Gupta during July 2018-April 2019.
3. MoU with Mitsubishi Electrical India Pvt. Ltd. is signed on 19/02/2014. Under this MoU, the department is organizing various training programs for academicians and/or personnel working in the industries. As a part of MoU, the department has Mitsubishi Sponsored Factory Automation laboratory with latest Industrial Automation related equipment's like Q PLC Training Set up, FX PLC Training Set up, iQR Training Set up kit, Robot trainer kit, Mitsubishi SCADA etc.

Activities carried out during the year under existing MoUs:

1. Two B.Tech. students did their dissertation using Mitsubishi FA training kits.
2. Team Console from IC department, ITNU participated in 4th Mitsubishi Electric Cup (a national level automation competition for students) held at MRIIS, Faridabad during February 14-16, 2019. The team secured Silver Cup for the third time in a row. The team had won silver cup in the competition previously in 2017 and 2018.
3. Training program on "Introduction to SCADA" was organized for faculty on December 11-12, 2018.
4. Training programme on "Mitsubishi Robot training kit" was organized for faculty on May, 7-8, 2018.
5. Training programme on "Mitsubishi Robot training kit" was organized for faculty on December 13-14, 2018.

Internal Resources Generated (Consultancy, MDP/Programme for industries, any other)

Revenue Generated in:

Financial Year	Consultancy	Testing	Training	Others
2018-19	Rs. 25.89 lacs	Rs. 11.25 lacs	Rs. 4.61 lacs	
2017-18	Rs. 51.09 lacs	Rs. 10.99 lacs	Rs. 3.07 lacs	--

Extension Activities/Community Services by Institute/Department

Community Services Course

- Institute has taken a big leap to increase the involvement of students in the extension activities by changing the implementation of "Community Services" course. From academic year 2018-19, the students are required to carry three weeks social services during the summer vacation after the completion of Semester II.

Volunteer Teaching

- Nirma Volunteer Teaching Movement (NVM) has been started from September, 2013. Under this activity, students from various departments teach in the village: Miroli (nr, Bakrol Circle, SP ring road) in co-ordination with All India Rural Empowerment Program (AIREP) group. Students regularly visit the village on every Saturday. 80-100 kids of standard III to VIII are the beneficiaries of the program.
- Nirma Volunteer Teaching Movement (NVM) organized a programme called, “Safar: From Miroli to Ahmedabad” on March 23, 2019. Under the program nearly 45 kids of Miroli village were brought to Nirma University campus and activities like sports, craft, talent show, etc., were conducted for the students.
- ITNU Students offered volunteer teaching services to the kids of construction labourers staying in the labour colony located behind the Nirma University under NSS unit of ITNU. Around 30 students joined the activity as volunteers. There are around 18 kids attending the classes regularly. The teaching is offered during working weekdays.

Social Awareness

- NSS Group of ITNU had completed a residential camp of 7 days at Village Motipura during June 4-10, 2018. The aim of the camp was to create awareness about “Swachhta Abhiyan” in the villages for the upliftment of the society. Besides this, other issues such as importance of education were also discussed. 18 students with two faculty members took part in the camp.

Reaching to the Needy

- All the students associations jointly organized a donation drive “Nirma with Kerala”. In the drive the students collected various material under the guidance of “Nair Seva Samiti” and had sent the goods to Kerala through “Seva Bharti” during August 21-25, 2018.

Academic Support

- Electrical Engineering Department organized a one-day workshop on April 7, 2018 for the students of ITI, Chandkheda. 39 students and 2 faculty members of ITI took part in the programme.
- Mechanical Engg. Students Association (MESA) and SAE jointly organized the AUTOCALYPSE and ROBOCALYPSE Workshop 2018 on September 01-02, 2018. A total of 206 students from 15 schools participated in the event. In this programme, the high school children were provided first-hand knowledge on automobile and robotic. This was the 8th event in a row since 2010.
- Electrical Engineering Department organized a one- day workshop on February 16, 2019 for the students of ITI, Kubernagar, and Ahmedabad on Power Electronics. 30 students and 2 faculty members of ITI took part in the programme.

Other activities

- Centre for United Nations is a major group organization working with United Nations. RIO India programs (2012-2022) is the flagship program of the center. It is India’s widest National level co-curricular program for school & college students. RIO programs focus on UN initiatives in accordance with RIO+20 outcome document. RIO+24 IDRC International Certification Program 2018 is a short-term co-curricular course study for Indian students. This year 93 students from the Institute have appeared for the program and examination was conducted on April 21, 2018 Prof. Neha Patani is the coordinator of the programme.

- EC Department organized "GOONJ - A Workshop" for special kids with impaired hearing in collaboration with their student organization ECO on September 8, 2018. 30 special kids were invited to Nirma University to illuminate the importance of science and art in our daily lives. A science exhibition was organized apart from this, the event also helped the students in bringing out their creativity in the form of painting.
- “Dream campus” was organized by You-NEED Group on October 20, 2018. The purpose of the programme is to bring a change in the lives of young children. The kids were made aware about the different professional careers possible in life and helped them to understand the importance of the study for that. About 50 students from Brighton English Primary School were the beneficiaries of the programme.
- ISA Student group organized Diwali celebration with 65 especially abled students of Prakash School on Nov 1, 2018. Various fun activities were organized during the event.

New MoUs signed/Collaborative activities done related to MoUs/tie-ups with other organization

University of Southern California (Dr Mehul R Naik visited USC in March, 2019)

MoU Related Activities or Linkages with National/International academic/research bodies:

International

Sr. No	Name of the University	Activity
1	Florida Atlantic University, USA	<ul style="list-style-type: none"> • Two students (Mohit Jain and Adit Shah from EC Department) went to FAU for Summer Research Internship from May 21, 2018 to July 7, 2018. • Dr Xingquan (Hill) Zhu, Professor at FAU delivered one week workshop on Machine Learning at ITNU, March 5-9, 2019. • Dr Abhijit Pandya, Professor from FAU visited ITNU in June, 2018 for collaborative discussions.
2	US and Canada	<ul style="list-style-type: none"> • Dr R N Patel and Dr Mehul R Naik visited US and Canada for collaboration in March, 2019. They visited USC, ASU, FAU, University of Houston, Carleton University, Binghamton University and also industries.
3	Grand Challenges Scholar Program (GCSP)	<ul style="list-style-type: none"> • Nirma University’s proposal to be a part of GCSP network has been accepted and implemented from July, 2019.
4	USC, USA	<ul style="list-style-type: none"> • Dr Mehul R Naik, Head – International Relations attended a meeting on December 12, 2018 in Mumbai with Dr Yannis C. Yortsos, Dean, USC Viterbi School of Engineering, Los Angeles, USA and Dr Raghu, Vice Dean for Global Academic Initiatives.

5	SUNY Binghamton, USA	<ul style="list-style-type: none"> • Three students from ITNU (Mr.Jugal Shah, Mr.Tadrush Desai from CSE, & Mr. Jeet Swadia from EE) went to FAU for summer research internship from May 21, 2018 to July 7, 2018. • Dr Sang Won Yoon from Binghamton University delivered a lecture series at ITNU on Data Analytics in October, 2018. • Dr. Harvey Stenger, President, Binghamton University, USA and Dr Srihari, Dean of the Watson School of Engineering and Applied Science, Binghamton University visited Nirma University on November 26, 2018. Dr. Alka Mahajan, Director-ITNU visited BU in October, 2017 and had signed an MoU with BU. The visit from BU was to expand the collaborative activities.
6	University of Houston, USA	<ul style="list-style-type: none"> • Two students (Ms.Purva Desai and Ms.Yashwi Rauthan from EC department) went to University of Houston for summer research internship from May 23 to July 9, 2018.
7	Iowa State University, USA	<ul style="list-style-type: none"> • Two students (Mr.Yash Thesia and Mr.Praxal Patel from CSE department) went to ISU for summer research internship from May 23 to July 9, 2018.
8	CIWGC and PIO admissions	<ul style="list-style-type: none"> • Dr Mehul R Naik visited Singapore (October, 2018) for CIWGC and PIO admissions and collaboration.
9	International Placement of students for the Sem VIII Internship	<ul style="list-style-type: none"> • Five students from Sem VIII were placed at international university/industry for the internship for a period of 4 months (Ms. Lipi Shah from IC to Litmus Automation, USA, Mr. Chinar Shah of CSE to UT Austin, Mr. Aditya Dave from EC to Watson Institute USA, Mr.Yash Patel from Chem to ISU USA and Ms. Suruthi from IC to ITER France from Jan 2019 to May 2019).
10	Arizona State University, USA	<ul style="list-style-type: none"> • Dr J. Rene Villalobos, an Associate Professor in the Industrial Engineering Department of Arizona State University delivered a lecture on March 5, 2019 to ITNU students on "Research Opportunities in the Planning of Supply Chains of Fresh Produce".
11	Seminar on US Education and the path to US Green card	<ul style="list-style-type: none"> • Office of International Relations organized a seminar on December 1, 2018 on "US Education and the path to US Greencard" by David H. Nachman, Esq. and Ms. Snehal Batra, Esq. Both of them are Immigration Attorneys with Nachman, Phulwani, Zimovcak (NPZ) Law Group, P.C.in New Jersey, USA. NPZ Law Group is well established and experienced in US immigration matters since decades.
12	US Education Fair	<ul style="list-style-type: none"> • Office of International Relations organized "The US Education Fair" for all the students hosted by Indo American Education Society" on September 4, 2018. The representatives of various universities from the US represented had stalls at this fair and students got guidance on higher education in the US in all disciplines of Nirma University. US Visa Officer from Mumbai Consulate also gave informative session on F1 Visa.
13	Kenya High Commission Visit	<ul style="list-style-type: none"> • Mr. Mohamed Ali Osman, Counsellor Education, Kenya High Commission visited Nirma University on April 11, 2018 and met Kenyan students from ITNU.

IV. Infrastructure and Learning Resources:

Computer systems and peripherals worth Rs.2,45,34,713.36 in different departments have been purchased, the summary of which is given below:

Wi-Fi facility was further enhanced and 23 access points were added at the new building. Internet Bandwidth has been upgraded from 432Mbps to 512Mbps for the entire campus.

Details of Computer systems and peripherals purchased during April 1, 2018 to March 31, 2019

Sr. No	Dept	Item Description	Unit Rate	Qty.	Total Amount	Purchase date/Bill no
1	CSE	Access Point Aruba AP-304	17056	20	341120	1894/2018-19 dtd. 25/10/18
2		Access Point Aruba AP-305	17056	3	51168	1894/2018-19 dtd. 25/10/18
3		Stabilizer Sarthi Stabilizer 15 KVA	38519	6	231114	1675/2018-19 dtd. 05/10/18
4		Switch HPE 1850 48G 4XGT JL171A	52191	7	365337	2055/2018-19 dtd. 26/11/18
5		Switch HPE 1920 24G 4SFP SWITCH JG924A	14750	4	59000	364/2018-19 dtd. 17/05/18
6		Switch HPE 1950 24G 2SFP+ 2XGT JG960A	23600	4	94400	1894/2018-19 dtd. 25/10/18
7		Switch NetGear Xs712T	72500	2	145000	TS-0725 dtd. 23/10/18
8		UPS APC UPS 2 KVA	53985	5	269925	1692/2018-19 dtd. 05/10/18
9		UPS APC UPS SRC 2K UXI	53985	2	107970	339/2018-19 dtd. 14/05/18
10		Desktop AMD Ryzen7 2700	85000	20	1700000	TS-0869 dtd. 11/12/18
11		Intel core i7 8700 Workstation	128500	2	257000	TS-1162 dtd. 18/03/19
12		DELL WORKSTATION (Dell Precision 7920 workstation, 2 x Intel Xeon Gold CPU(12 Core), 256GB DDR4 RAM, 512 GB SSD drive, 3 x 4 TB Sata Harddisk, O.S:MS Windows 10 Proff., NVIDIA Quadro GV100-32GB Graphics Card, Dell 24" LED Monitor)	1868000	1	1868000	TS-1207 dtd. 29/03/19
13		DELL WORKSTATION (Dell Precision 7920 workstation, Intel Xeon Platinum CPU(28 Core), 256GB DDR4 RAM,512 GB SSD drive,	1822000	1	1822000	TS-1208 dtd. 29/03/19

		2 x 4 TB Sata Harddisk, O.S:MS Windows 10 Proff., NVIDIA Quadro GP100-16GB Graphics Card, Dell 24" LED Monitor				
14		AMD WORSTATION (Supermicro tower workstation, 2 x AMD EPYC 7251 CPU(8 Core), 128 GB DDR4 RAM,1 x 4 TB Enterprise Harddisk,MS Windows 10 Proff., Benq 19.5" LED Monitor	401500	2	803000	TS-1184 dtd. 25/03/19
15	EE	UPS SAPT Make 1 - Phase, 1 kVA Online UPS. Input Voltage range : 160 V to 260 V	9,971	2	19942	TI0134 / 2018- 19 dtd. 10/05/18
16		PORTABLE EXTERNAL HARDDISK - 4 TB , MAKE : WD MODEL : MY PASSPORT	9750	1	9750	TS / 0698 dtd. 13/10/18
17		LENOVO THINKPAD EDGE - 480 NOTEPAD with Win 10 Prof. 64 Bit License OS	49750	1	49750	TS / 0846 dtd. 03/12/18
18	EC	Hard Disk 4 TB Sata	8850	1	8850	(TS-1067) dtd.13/02/19
19		Lenovo V520 Desktop Computer System- Intel Core I3 7100 CPU (7th GEN) Intel B250 Chipset Motherboard 4GB DDR4 RAM / 1 TB Sata HDD (7200 RPM) Onboard Graphics + GIGABIT Lan Port DVD Writer, USB Keyboard, USB Mouse (Lenovo), 19.5" IPS LED Monitor With windows 10 OEM	40120	1	40120	Bill No. TS- 1084 dtd.20/02/19
20		Dell Workstation [Dell Precision 7820 Workstation Computer 2 * Intel 3106 CPU – 8 Core/ 1.7 GHz; INTEL C621 CHIPSET 128 GB DDR4 2666 MHZ RDIMM ECC 256 GB SSD DRIVE ; 2*1 TB SATA HARD DISK 7200 RPM DVD WRITER DRIVE; TOWER CABINET WITH 950W SMPS USB KEYBOARD + USB MOUSE; PCI EXPRESS GRAPHICS NVIDIA QUADRO P1000 – 4 GB; O.S:- REDHAT LINUX ENTERPRISE LINUX WS SERVICE TAG S/N-44CRDV2]; 34" LED MONITOR – DELL	505500	1	505500	TS-1111 dtd. 01/03/19

		[MODEL : P3418HW; S/N=CQSN4T2]; UPS 2 KVA ONLINE [MAKE: APC; MODEL: SRC2000XLICC; S/N: B21817020002]				
21		Computer I5 7th Gen. 8GB RAM DDR4, 1TB HDD, iball cabinet with SMPS, TVSE 104 keyboard, Windows 10 64 bit, LG 22" Monitor	51320	5	256600	TS-0853 dtd.04/12/18
22	ME	Intel Core i5-8400 CPU (2.8 GHz) ,Intel H-370M Motherboard (ASUS), 16((2x8)GB DDR4 RAM , 1 TB Stata Hards Disk	58000	10	580000	TS-1028 dtd. 01/02/19
23		Intel Workstation Intel Xeon E2136 3.3 GHz,6Core Processor Original Intel C246, 32 (2x16)GB DDR4, 2 X 2 TB SATA	145000	3	435000	TS - 1029 dtd.01/02/19
24		External DVD Writer	1550	1	1550	TS - 1030 dtd. 01/02/19
25		Stabilizer10 KVA	19500	1	19500	TS - 1030 dtd. 01/02/19
26		UPS 3KVA	42692	1	42692	96 dtd.13/03/19
Total of All department in Rs					10084288	
Total Budget used for Computer/Upgradation in GA					10242079	
Total with GA					20326367	

Details of software purchased / renewed during April 1, 2018 to March 31, 2019

Sr. No	Dept	Item Description	Unit Rate	Qty.	Total Amount	Purchase date/Bill
1	CSE	OS Windows 10	10100.00	112	1131200.00	TS-0766 dtd. 24/10/18
2		OS Windows 10	10100.00	20	202000.00	TS-0869 dtd. 11/12/18
3		OS Windows 10	10441.00	2	20882.00	TS-1162 18/03/19
4	EE	MS Office 2019 standard Edition (Academic)	4275.00	1	4275.00	18-19/JAN/000168 dtd.18/01/19
5		Altair ST-CMP-EDU-SU-PDUP Solid Thinking Compose Altair ST-ACT-EDU-SU-PDUP Solid Thinking Activate Altair ST-EMB-EDU-SU-PDUP Solid Thinking Embed Motor Control Kit	223492.00	1	223492.00	TI / 2018-19 / 545 dtd. 12/02/19
6	EC	Xilinx Vivado Software 2018 Version - Lab License 25 Users	135700.00	1	135700.00	CUP/2018-19/232 dtd. 24/01/19

7		Mentor Graphics Software Renewal (HEP 1 & HEP 2 Category) for 25 User License	708000.00	1	708000.00	CUP/2018-19/203 dtd. 24/01/19
8	IC	MS office	3905.00	1	3905.00	LTG/000669/18019 dtd. 24/09/18
9		Prosim software	7965.00	20	159300.00	NU/001/2018 dtd. 19/07/18
10		Siemens TIA package manager	148680.00	1	148680.00	1361819 dtd.26/12/18
11	CH	Polymath License Renewal (April, 2018 to March, 2019) Cache Corporation	21582.00		21582.00	6387 dtd.17/12/18
12		Dynamic Process Simulator SIM Infosystems Pvt. Ltd.	224200.00	1	224200.00	NU/009/2018 dtd. 17/12/18
13	M&H	Language Lab software – Words worth (30 user license)	150000.00	1	208860.00	113 dtd. 18/07/2018
14	ME	Office Std 2019 SNGL OLP NL Acdmc	4275.00	2	8550.00	18-19 Feb – 00054 dtd. 08/02/19
15		Hyperworks Units-Paid UP Educational	3728.00	125	550000.36	PNQ/1819/45756 dtd.28/03/2019
		Sub Total in Rs			558550.36	
		Total Department-wise in Rs			3750626.00	
		Total Budget used for Computer/Upgradation in GA			457720.00	
		Total with GA			4208346.36	

Library-Learning Resources Added

The library during the year (April, 2018 – March, 2019) made significant progress in several areas.

- During the year (April, 2018 – March, 2019) 1230 books (worth of Rs. 8,39,392.00/-) were added to the Library and presently it has a collection of 59,408 books.
- It also received 192 journals and magazines (worth of Rs.5,92,638/-) – 174 national and 22 international – in areas of Engineering, English, Mathematics, General Reading, etc.
- We have subscribed more than 4 e-journals and 1 online database (worth of Rs.1,46,64,799/-) of IEL Online, ASCE, Science Direct, ACM Digital and SCOPUS.
- We have renewed EBSCO Host eBook collection (Worth of Rs. 2,44,863/-)
- The Library issued 50, 888 books and other documents to its members during the year and 84,867 users walked into the library during the year.
- The Library Resource Center provided book bank facility to the students of the Institute of Technology. The main purpose of this service was to help the needy meritorious students. The book bank has a separate collection of 6,490 books other than the library books. During the year, 422 students availed this facility and borrowed 2154 books from this collection.
- We have added many faculty publications (Conference papers, journal articles etc.), M.Tech. Dissertations, PH.D. Theses, Event Photo-albums in the Institutional Repository that we have created by using D Space Open Source Software.
- We have created a Google Site for accessing previous years Exam Papers, Content pages of Print Periodicals and Newspaper Clippings. Now Students, Faculty and Staff Members can easily access Exam Papers and Newspaper Clippings through their Nirma University e-mail ID from anywhere.
- Library launched “MyLoft” mobile app. MyLOFT is your personal library. It is one place to

Access-Organize-Share e-Content and library subscribed scholarly resources of your professional & personal interests.

- Library has purchased Remote Login Software for accessing NU's e-resources outside the campus. Faculty members and Ph.D., PG & UG students (From 2nd year) are using NU's online and e-resources through Remote Login facility as per e-resource access policy and remote access policy. At present 181 Faculty members, 267 PG students, 281 UG students and 49 Ph.D. students are using this facility.
- Research Wall: Library displays important publication/articles, patents etc. on a regular basis throughout the year on its research wall.
- Best User: Library display best user data in terms of Issue/Return, Walking usage and remote login usage.
- Activities
- TED Talks
- Books Displayed on the occasion of World Book Day, Gujarati Books displayed on the occasion of Gujarat Gaurav Divas, English Language on the Occasion of World Book Day, World Records, Indian Idol, Red Books, Library Science and Mathematics, Freedom fighter, National Engineers Day, World Tourism Day, Surgical Strikes, on Mahatma Gandhi on his 150th Birth Anniversary, Annual Sports Day and many more.
- Library Awareness Program for UG/PG student's.
- Free Books Distributions of Withdrawal Books
- Author Interaction: Structures Analysis/ by Mr. Gauham H. Oza (Civil Department)
- Nirma University Library organized public lecture on Make India Read by Mr. Amrut Deshmukh.
- Training Session - IEL (IEEE/IET Electronic Library) Online training session for First year M. Tech students, EBSCO academic ebook for M. Tech students and NU faculty members, MyLoft mobile app training for ITNU users was organized.
- Training Session – EBSCO academic ebook for M. Tech students and NU faculty members.
- Training Session – ZOTERO
- Storytellers and QUIZ sessions are organized throughout the year

Laboratory Facilities: Major Additions

Chemical Engineering Department

Sr. No.	Name of Equipment
1	Flue Gas Analyzer – Rs. 3.89 lacs
2	Weighing Balance – Rs. 0.77 lacs
3	Compact Spectrophotometer – 0.35 lacs
4	First Order Mixing Process Apparatus – 0.73 lacs

Civil Engineering Department

Development of New Laboratory: Heavy Structures Laboratory (HSL), a major facility was constructed to conduct experiments on structural elements/structures at Civil Engg. Department. It measures about 800 sq. meter area bifurcated in two levels of the building. The laboratory comprises of the strong floor of dimensions 6m × 28m as well as loading frames catering the need of two and three-dimensional structural model testing under gravity and lateral loading. Apart, from this the laboratory houses a unique shock table facility of 6.3m × 3m composite table with 1.5 tons free falling pendulum. This facility is essentially used to study the behavior of half-scale and full-scale building models under dynamic loading, specifically simulating an earthquake. The laboratory is facilitated by 5 tons electrically operated overhead crane for handling of testing specimens. HSL includes various sophisticated measurement systems and other equipment useful for conducting experimental work. The lab is allotted to B.Tech students for their laboratory and project work. Apart from that M.Tech

and Ph.D students also undertake their experimental studies in the Lab.

Following new equipment were purchased during financial year 2018-2019 in various laboratories of Civil Engineering Department:

1. 5Ton Gantry Crane	14. POSI test Manual Adhesive Tester
2. Unidirectional Shake Table	15. Concrete Penetrometer
3. Hydraulic Jack 10T & 25T - 600 mm stroke length with Power Pack	16. Length comparator
4. Direct shear apparatus (Upgradation from Analog to Digital)	17. Tile Abrasion Testing Machine
5. Digital moisture meter	18. Digital BOD Analyzer
6. Digital proving ring 30KN	19. JUNO SA hand held GPS (2no.)
7. Vee Bee Consistometer	20. RCPT Test Measurement of Bulk Resistivity
8. Le-chatelier Water Bath	21. Load Cell Pan Cake Type 10T & 25T
9. Vicat Apparatus	22. Uniaxial Accelerometer
10. Cement Mortar Vibrating Machine	23. Electronic Measuring panel for UTM 40 T capacity
11. Self-Compacting Concrete Apparatus	24. Directional control valve (DCV) for change over from mechanical to Electronic UTM - 40 T machine
12. Concrete Core Cutter	
13. Digital Rebound Hammer Cement Autoclave	

Electrical Engineering

Sr. No.	Name of Equipment
1	Arbitrary Waveform Generator – Rs. 2.45 lacs
2	C Regulated high voltage power supply – Rs 1.64 lacs

Electronics & Communication Engineering

Sr.No.	Name of Equipment/Software	Qty	Rate/item	Total Amount
UG				
1	Analog Discovery Kit	17	16,500	2,80,500.00
2	Universal IC Tester	1	74,000	74,000.00
3	Arbitrary Waveform Generator	1	27,913	27,913.00
4	CRO 30 MHz	4	18,880	75,520.00
5	Component Development Kit	11	13,181	1,44,991.00
PG				
1	Xilinx Vivado Software 2018 Version - 25 Users Lab License	01	1,35,700	1,35,700.00
2	Mentor Graphics Software Renewal (HEP 1 & HEP 2 Category) for 25 User License	01	7,08,000	7,08,000
43	ARM Cortex M3/ M4 Development Environment with LORA	02	59,130	1,39,546.80

Instrumentation & Control Engineering

Sr. No.	Item Description	Unit cost Rs.	Qty	Purchase date
1	McLeod Gauge laboratory trainer	49,560/-	1	04/09/2018
2	Analog Sensor Module	2,53,700/-	1	16/01/2019

3	Mixed Signal Oscilloscope	80,598/-	1	28/11/2018
4	Computerized Temperature Control Loop (With SCADA software and PC)	1,08,560/-	1	18/01/2019
5	PROSIMLAB-Control & Instrumentation suite Software (20 License)	1,59,300/-	20	19/07/2018
6	Siemens TIA Package Manager Single License	1,48,680/-	1	26/12/2018

Mechanical Engineering

Sr. No	Lab Name	Equip. Name	Purchase Year	Cost
1	Thermal Engineering lab	Single cylinder four stroke diesel engine test rig	2018-19	120000/-
2	Dynamic of Machine lab	Whirring os Shafts Demonstrator	2018-19	151040/-
3	Alternate Energy Sources	Pyranometer	2018-19	91728/-
4	PG - Thermal Laboratory	Reflection polariscope- strain gauge rosette appratus	2018-19	241900/-

V. Student Support and Progression

Cut –off Percentage Marks- Category Wise

B.Tech. First Year Admission Closure 2018				
1. 35% All India Category				
Branch	First Admission		Last Admission	
	ITNU Merit No	JEE (Main) 2018 All India Rank	ITNU Merit No	JEE (Main) 2018 All India Rank
Computer Science & Engineering	86	11325	568	28889
Mechanical Engineering	199	16920	1494	55654
E.C. Engineering	395	23694	1484	55287
Chemical Engineering	472	25830	1967	70762
Electrical Engineering	696	32465	2795	109470
Civil Engineering	743	33425	3516	178860
I. C. Engineering	1601	58874	4247	329958
2. 15% NRI / NRI Sponsored Category				
Branch	First Admission		Last Admission	
	ITNU Merit No	JEE (Main) 2018 All India Rank	ITNU Merit No	JEE (Main) 2018 All India Rank
Computer Science & Engineering	NRG-9.1	-----	NRIS-51	59029
Mechanical Engineering	NRG-52	-----	NRIS-379	367421
E.C. Engineering	NRIS-79	75282	NRIS-323	256795
Chemical Engineering	NRIS-287	213862	NRIS-549	794822
Electrical Engineering	NRIS-298	222811	NRIS-557	860625
Civil Engineering	NRIS-315	243799	NRIS-531	721775
I. C. Engineering	NRIS-377	364497	NRIS-538	746881

3. 50% ACPC CATEGORY				
Branch	Open Category		SC Category	
	ACPC Merit Rank		ACPC Merit Rank	
	First	Last	First	Last
Computer Science & Engineering	44	633	769	4221
Mechanical Engineering	119	5976	3483	7821
E.C. Engineering	631	8911	10011	13992
Chemical Engineering	675	9285	2729	3088
Electrical Engineering	1882	24263	5983	12081
Civil Engineering	1577	18794	6936	11658
I. C. Engineering	2555	29300	10585	19207

Branch	ST CATEGORY		SEBC CATEGORY	
	ACPC Merit Rank		ACPC Merit Rank	
	First	Last	First	Last
Computer Science & Engineering	3269	39715	708	2164
Mechanical Engineering	33602	39538	2132	4785
E.C. Engineering	---	---	4258	9774
Chemical Engineering	38794	---	2005	6252
Electrical Engineering	35905	38632	4590	11408
Civil Engineering	4872	36491	5676	12748
I. C. Engineering	---	---	11233	16957

CUT-OFF MARKS

M.TECH-2018-19

Sr. No	Branch	SUB BRANCH	CUT-OFF				ADMISSION CATEGORY		GRAND
			GATE		NON-GATE		GATE	NON GATE	TOTAL ALL
			FIRST	LAST	FIRST	LAST			
1	Civil	CASAD	479	355	36	25	10	8	19
2	Computer	CSE	520	353	38	32	13	05	18
		INS	394	370	28	26	09	09	18
		NT	358	354	25	21	02	16	18
3	Electronics & Comm	COMMU	-	-	39	9	-	18	18
		EMBEDDED	-	-	34	24	-	18	18
		VLSI	586	360	36	24	10	9	19
4	Mechanical	CAD/CAM	512	355	26	14	4	14	18
		DESIGN	444	366	29	18	7	11	18
		THERMAL	479	352	28	16	4	10	14
5	Electrical	EPS	466	375	30/60	13/60	03	15	18
		PEMD	408	374	28/60	10/60	03	13	16
TOTAL									212

MCA -2018-19

Sr. No.	BRANCH	CMAT CUT-OFF			GRAND
		Category	FIRST	LAST	TOTAL
1	MCA_SEM-1	OPEN	130	11	32
		SEBC	90	19	
		SC	51	28	
		ST	77	77	

2	MCA_SEM-3 (LATERAL ENTRY)	OPEN	185	130	17
		SEBC	110	85	
		SC	99	99	
		ST	--	--	
TOTAL					49

Admission through ACPC

Admission on Vacant seat

SR	BRANCH	CMAT CUT-OFF		GRAND
		FIRST	LAST	TOTAL
1	MCA_SEM-1	161	14	16
TOTAL				16

Student Achievements

1. ISTE-IPCL National Award for Best M.Tech. Thesis in Chemical Engineering for the year 2018 was won by alumnus Ms. Shivangi Goswami (M.Tech in Chemical Engineering for the thesis entitled: An Environment Friendly Approach: In-Vessel Composting and Anaerobic. Project Guided by: Dr J P Ruparelia).
2. ISTE – Smt Saraswati National Award for Best M.Tech Thesis in Civil Engineering for the year 2018 was won by alumnus Mr. Ajay P Gelot (M.Tech in Civil Engineering for the thesis entitled: Development of Interaction Curve for Composite Column. Project Guided by: Dr. Sharad Purohit).
3. ISTE-GSFC National Award for Best M.Tech. Thesis in Mechanical Engineering was won by alumnus Mr. Krunal Rajeshkumar Panchal for the thesis entitled: Effect of steam and catalyst with Lignite Feedstock on the performance of Downdraft Gasifier. Project Guided by: Prof. Darshit Upadhyay.
4. SAE - BAJA team won Overall first award in E-BAJA, first in Endurance, first in CAE, first in Sales, first in Acceleration and in M-BAJA, first in Skill India at the National Level Event held at Pithampur, Indore in January 24-27, 2019.
5. Mr. Rohan Dhananjay Kadam won the first prize for cartooning competition during NUZEAL held on 6th Feb 2019.
6. Mr. Prayag Desai and Mr. Vishwajeetsinh Rahevar presented a paper on the topic “Study of wall thickness on axial conduction with conjugate heat transfer in micro-scale flows” at the International conference, NCETME February 7-8, 2019, VIT at Pune, Maharashtra.
7. A team of I.C. department students won Silver cup and prize of INR.75,000/- in 4th Mitsubishi Electric Cup (a national level automation competition for students) organised by Mitsubishi Electric India Pvt Ltd. at MRIIS, Faridabad during February 14-16, 2019.
8. Mr Vatsal Dave and Mr Shobhit Sharma, students of B Tech Semester VII, won third prize in Student Outreach Program CHEMTECH World Expo 2018 (January 2018). They also won the first prize during “Chem Expo” at Chemo Confluence 2018, Vishwakarma Government Engineering College, Chandkheda (February, 2018)
9. Student team of I.C. department won second prize with prize money of INR. 7,000/..Makerfest - A Project expo - 2019 held at M. S. University, Baroda on March 2-3, 2019.
10. Mr. Shreejit Nair and Mr. Kathit Shah under the mentorship of Mr. B A Shah, won 1st prize and prize money of Rs.20, 000/- in QUIZO 2019 competition conducted by ASHRAE WIC on March 9, 2019. ASHRAE Western India Student Branch) at SOCET (Silver Oak College of Engineering and Technology), Ahmedabad. Students of Nirma University also got the opportunity to meet HVAC Expert and interact with students of other engineering colleges.

11. Mr. Dabhi Levin Dipakbhai and Ms. Bhavya Nirav Shah participated in Machine Learning Run Competition in NUTECH 2019 on March 13, 2019 and secured 2nd rank.
12. Meet Parikh and Priya Joshi along with Prof. Neha Patni and Dr Shibu Pillai of Chemical Department won second prize in Technovation 2019, a paper presentation competition for their paper titled “Performance enhancement of dye-sensitized solar cell based on ruthenium dye sensitizer” at Poornima College of Engineering on March 16, 2019.
13. Mr. Pathik Shah of CSE branch participated at a Workshop on AI and Chatbot at IIT Bombay on March 16-17, 2019.
14. Mr. Rajat Sharma (17BCL094) and Mr. Rohan Sakhiya (17BCL096), students of B. Tech. IV Sem. secured 3rd position at the National level technical quiz competition CIVI-Q organized by Indian Institute of Technology, Bombay as a part of annual technical festival AAKAR 2019 during March 16-17, 2019.
15. Mr. Aman Agarwal and Mr. Aditya Mishra presented a poster at Nvidia GTC 2019, San Jose, USA on March 18, 2019.
16. Mr. Jaymin Shah of CSE branch participated in Coding Competition on March 20, 2019 and secured 2nd rank.
17. Student team of I.C. department won the second prize with prize money of INR 50,000/-. At Innovseed Incubation LLP- Project Expo-2019 held at Surat Convention Centre on March 23, 2019 supported by NITI Aayog.
18. Mr. Kalpan Tumdi, Mr. Sachin Heda, Mr. Jayraj Mulani and Mr. Soni Ashutosh of CSE created a project named Count Virtual in the Event HackNUTHon in NUTECH 2019 and were the First Runner-up.
19. A team of semester VI students Mr. Vikas Rajput (16BCL084), Mr. Hiren Solanki (16BCL064), won Conquiz’19 with a cash prize of Rs. 15, 000/-. Conquiz’19 was organized by CEPT University in collaboration with ICI (Indian Concrete Institute) and Ultratech Cement.
20. Mr. Karan Shah, Ms. Stuti Garg and Mr. Keshavkant Sharma participated in Project Expo 2019, organized at Surat, supported by NITI Aayog, Government of India, and InnovSeed Incubation Centre. A total of 300 teams all over Gujarat participated and 80 teams were shortlisted for the project demonstration. The team had developed a 2 Quadcopter swarm intelligence prototype, and stood as the 3rd Runner-up in the exhibit.
21. Ms. Nancy S Rajput got First Prize for Table Tennis at Petrocup held at PDPU during Feb 14-18, 2019.
22. Mr. Abhishek Dubey (15BEE034), Mr. Harsh Agrawal (15BEE034) won first prize for innovative project at event named Empresario organized at Entrepreneurship Cell, IIT Kharagpur on Fe 2, 2019.
23. A team comprising of Mr. Rajat Tekchandani (17BCL093) and Mr. Rajat Sharma (17BCL094), students of B. Tech. III Sem. won 2nd prize and cash prize of Rs. 10,000/- in Niketh: A Traditional Housing Challenge - A National level competition organized by Mahindra Ecole Central College of Engineering at Tech Mahindra Campus Hyderabad on October 12-13, 2018. The theme of the competition was to prepare traditional housing by using sustainable materials. The team has prepared a housing model of Vernacular Construction: A Traditional Housing of Rajasthan.
24. Mr. Harsh Agrawal (15BEE039) and Mr. Abhishek Dubey (15BEE034) got Frist prize for Agri Theme during Vibrant Gujarat Grand Challenge 2018 on October 11-13, 2018.
25. Mr. Dhruv Patel (15BCL028), Mr. Akash Gupta (15BCL038) and Mr. Hardik Chaudhary (15BCL039), students of B. Tech. VII Sem. Presented a paper titled “Water quality analysis of the world’s largest gravity canal system –Narmada Main Canal, Ahmedabad” during an International Conference HYDRO-2018 held at NIT Patna and won Best Paper Award under the theme of Ground water & Water Quality.
26. Mr. Ajay Gelot (16MCLC08), student of M.Tech. program (Computer Aided Structural Analysis and Design) received National Award for Best M.Tech Thesis in Civil Engineering

by Indian Society for Technical Education (ISTE) for the year 2018 for M.Tech thesis titled “Development of Interaction Curve for Composite Column”. He has carried out work under the guidance of Dr. S. P. Purohit.

27. Mr. Parth Zaveri (16BCL081), Mr. Sagar Vasani (16BCL080) and Mr. Hiren Solanki (16BCL064), students of B. Tech. Sem. VI have secured 1st place and were crowned “UltraTech Sparking Star” in “UltraTech Sparkling Star for undergraduate and postgraduate students for Civil Engineering Departments (Ahmedabad Region), March 12, 2019.

Student Clubs in the Institute – Activities

Institute of Technology has established different students’ organizations and chapter of technical societies. These associations provide platform for the students to showcase their engineering talents, business acumen, and practical know-how of fundamentals, along with their innovativeness. Different co-curricular and extracurricular activities were organized by these students clubs throughout the year 2018-19. All associations have arranged institute level activities encompassing sports, quizzes, workshops, fun zone etc.

The activities undertaken by student organisations includes, department level activities, activities during Foundation Day and National Symposium NU-TECH. The summary of the activities is given, below, followed by details of activities conducted by student organisations.

Summary of Activities

1. Department Level Activities

Sr. No.	Name of the Club	Name of the Department	No. of Activities
1	CHESA	Chemical Engineering	3
2	OrCES	Civil Engineering	8
3	CSI	Computer Engineering	3
4	ACES	Computer Engineering	5
5	ECO	Electronics and Communication	2
6	EESA	Electrical Engineering	7
7	ISA	Instrumentation and Control	3
8	MESA	Mechanical Engineering	3
9	ISTE	IT-NU	3
10	iL2	IT- NU	2
11	IEEE	IT- NU	5

2. Foundation Day Activities (October 3, 2019)

Foundation Day Celebration	No. of Activities
Extension Activities	05

3. NU-TECH 2019 (March 12-13, 2019)

Type of Event	No. of Events
Technical Events	40
Technical Workshop	13

Department Activities

Chemical Engineering (CHESA):

- Chemical Engineering Students Association (CHESA) organized CHESA Day on September 10, 2018.

- Blood donation camp on February 2, 2019 in association with Red Cross, Ahmedabad.

Civil Engineering (OrCES):

- Arranged a “Road Safety Awareness Programme” on February 8, 2019. The theme of this year was "Sadak Suraksha- Jeevan Raksha" to spread the awareness about traffic rules and to make our roads safer.
- A level symposium “Civil Clusters” was organized by the department under Nutech 19,. Students from different institutes participated in the events such as, viscovizard, stabilize, placement guru, obey the rules etc.
- “World Water Day – 2019” with the theme of ‘Water for all: Leaving No One Behind’ was organized by the department on March 22, 2019. Various competitions were organized such as Save the Future: Drawing Competition, Water for All: Writing Competition, Leaving No One Behind: Speech Competition, Every Drop Counts: Photography Competition.
- Organized “Moodle based quiz examination series” for the students of B.Tech Sem.IV & VI, Civil Engineering department. The main aim of conducting the mentioned test series was to prepare the aspiring students for GATE examination by conducting mock exams. The test was conducted on January 30, 2019.
- Arranged a “Nirman 18”, a flagship event of OrCES on October 23, 2018, in which the students of Civil Engineering Department participated in different events like Placement guru, poster & model presentation. A fire mock drill by AMC was also conducted.
- “E-Waste Collection drive” was organized from October 9-15, 2018. The objective of the drive was to spread awareness among the students of Nirma University about the challenges of E-Waste.
- Organization of Civil Engineering Students (OrCES) has organized a “Cleanliness & Hygiene Awareness Drive” on the occasion of Foundation day of Institute of Technology, Nirma University on October 3, 2018. Children from the nearby slums were addressed and made aware about the cleanliness and personal hygiene.
- Arranged a farewell function for passing out students of B. Tech Sem. VIII on May 18, 2018 at Hotel Maduli.

Computer Engineering:

CSI:

- CSI Student Branch organized CUBIX‘19 on January 28-29, 2019 at Nirma University campus. The event hosted a number of events like Block chain workshop, Code Charades, Blind coding competition, Quiz, coding competition etc.
- Organized a Hands on Python Lecture series during July – September, 2018 to acquaint the students with Python Programming Language.
- Computer Society of India (CSI) student branch organized an online coding competition on August 10, 2018 for the students of 3rd semester to encourage them to put their foot forward towards the journey of competitive coding.

ACES:

- The members of ACES organized a project presentation session for 4th semester CE and IT departments on January 17, 2019. The session was taken by students of 6th semester where they presented the projects made by them. The students of the 4th semester were guided on how to make successful projects, handle technical review, team building and overall project management.

Electronic and Communication (ECO):

- ECO students conducted different events like; CIRQUIDDITCH, TRIWIZARD TOURNAMENT for EC students on Oct 15, 2018.

- In this 12hrs event, the students from different semesters participated to find solution for the problem statements provided by DRDO. Most of the participants focused on building an intruder alert system, and considered difficult terrain and harsh weather conditions of the Indian Borders. After 10hrs of hustling they presented the idea to the jury. In these few hours they focused on the technical aspects and feasibility of the solution they provided and also learnt about working in a team.

Electrical Engineering (EESA)

- EESA organized various technical events as a part of Scintilla-18, on October 11, 2018.
- On October 6, 2018 EESA on behalf of the Electrical Engineering Department organized an extension activity named “Genesis”. The main theme behind the event was to spread awareness amongst the students of class 9th and 11th about power generation, production and the need to conserve electrical energy. The students visited Ramkrushna Vidhyalaya, Maninagar with the Faculty members of EE Department.
- Big brother was organized on Foundation day i.e. October 3, 2018 where the children of workers working at construction site of Nirma University were called and various activities of fun and learning were organized.
- Organized a session on “Facing the selection process” by Mr Milind Dave, HR Manager, Adani Energy Ltd on September 5, 2018.
- Electrical Engineering Student Association (EESA) organized ProCB event on August 4, 2018 for Electric Engineering students.
- EESA has organized various activities during the first year orientation programme on July 23-24, 2018.
- EE Department also organized extension activity on February 16, 2019 for ITI Kubernagar students where 30 students with 2 faculty members have visited EE Department and 4 hours lab and lecture session on power electronics were delivered to the students.

Instrumentation and Control (ISA)

- Visited Hiramani Old age home on April 24, 2019.
- The representatives of ISA Students’ Chapter, Institute of Technology, Nirma University visited Tragad Prathmik School, Ahmedabad on January 25, 2019. The motive of the event was to teach the young children about the importance of internet and inculcate good internet habits in them.
- Expert lecture by Mr. Girish Ayya, Cofounder, Avdhoot Automation, Bangalore was organized on March 3, 2019. The lecture was conducted for sixth semester students of the Department of Instrumentation and Control. The lecture was of 60 minutes duration wherein students were introduced to the field of IIOT. They were given the insight and the future in the field. Few examples of disruptive innovations were taken by Mr. Girish Ayya to encourage the students to have out-of-the-box thinking when given a project and asked to choose the approach.

Mechanical Engineering (MESA)

- "MESA Day'19" was organized on April 15, 2019, celebrating the foundation of the club and also to give a farewell to the passing out batch of B-Tech Mechanical 2019.
- Various technical events were organized as a part of Praveg'18 during November 1-2, 2018.
- A two- day event "Autocalypse and Robocalypse- 18" was organized on September 1-2, 2018. Students from various schools of Ahmedabad and Gandhinagar participated in the event.

ISTE

- ISTE student’s chapter organized “FRESHERS FLAIR” on August 7 & 10, 2018 for undergraduate students. Various technical quizzes were conducted at the event.
- Organized various quizzing events during the NU-TECH ‘19.

IEEE

- A Women Empowerment Session was organized on April 7, 2018.
- An event titled Project-o-gram was organized on March 12, 2019 as a part of NUtech 2019.
- Hosted a workshop on Emerging Research Trend in Engineering - ERTE 2019 on February 2-3, 2019.
- Organized a Research seminar. The details of the seminar are as under:

Topic	Speaker	Date
Recipe of Becoming a Researcher	Dr. Dhaval Pujara	23rd August, 2018
Art of Writing Research Papers and Report	Dr. Dhaval Pujara	30th August, 2018
ICT Tools for Effective Research	Dr. Santosh Vora & Dr. Sachin Gajjar	31st August, 2018

- Organized Winter School on robotics from December 26-31, 2018.

Foundation Day Celebration (October 3, 2018)

Students club of the department organized an extension activity on October 3, 2018 as a part of Foundation Day celebration at the Institute of Technology, Nirma University for promoting the contribution in community building.

The activities organized by the clubs are listed below.

Sr. No.	Name of the Club	Name of the Department	Type of Activities
1	CHESA	Chemical Engineering	Hiramani, an old-age home visit. They spared their time by helping them in their daily chores. They conducted 'wisdom words session' on October 3, 2018.
2	OrCES	Civil Engineering	Cleanliness & Hygiene Awareness Drive" Children of the age group from 8-15 year of the nearby slums were addressed and made aware about the cleanliness and personal hygiene.
3	CSI	Computer Science and Engineering	Lecture on web scraping with Python.
4	ACES	Computer Engineering	Quiz to boost students' morale on NIT Foundation Day 2018.
5	ECO	Electronics and Communication	Jeevan Sandhya Old Age Home visit by ECO students.
6	EESA	Electrical Engineering	Extension Activity - EESA students along with 15 to 20 children of labourers working at Nirma University construction site and few activities like drawing, crafting, and animation videos were organized.
7	MESA	Mechanical Engineering	Poster Making on "New India"

			Interested students took part on the spot for this event to prepare the poster based on the theme of "New India."
8	Infocraft	IT-NU	Foundation Day Coding Event
9	IEEE	IT-NU	Technical Quiz
10	iL2	IT-NU	IL2 assisted the NGO Voice of Specially Abled People (VoSAP). VoSAP provides access to the specially-abled people and have developed an app for the same. The club joined their efforts and collected some pictures of buildings/institutions/public place etc. where the accessibility is not provided to the specially abled people and uploaded them in their app.
11	AMS	IT-NU	1. Nutstacker 2. Bol Bolly Bol 3. Volleyball

NUTECH 2019

Institute of Technology students association organized various technical events as a part of NUTECH-2019 during March 12-13, 2019. Various technical events and workshops organized by different students association are summarized in the following table:

Technical Events – NU-Tech 2019

Sr. No.	Name of the club	Name of the Event	Total number of participants in the event	Total number of participants in the event from Nirma University	Total number of participants in the event other than Nirma University	Number of colleges took part in the event
1	ChESA	Snake-o-Mystery	59	16	43	16
		Saponify	52	27	25	8
		Electrolight	36	3	33	9
		Chem-o-Canon	6	4	2	2
		Scavenger Hunt	73	47	26	10
		Poster Presentation	11	6	5	4
		Tech War	55	17	38	14
2	OrCES	Stabilize	219	52	167	22
		Visco Wizard	94	30	64	7
		Civil Hunt	232	45	187	15
		Obey the Rules	161	19	142	12
		Placement Guru	62	11	51	14
3	CSI	Code Jam	208	83	175	22
		Cipher Charades	121	58	63	14
		Hack-NU-Thon	107	50	57	8
4	ACES	ML Run	49	16	33	6
5	ECO	Surgical Strike 2.0	41	14	27	9
		Enigma	77	60	17	6
		DigiSquad	43	35	8	6
		Build-O-Duino	29	8	21	5
		VeriHawk	5	3	2	2

6	EESA	Trade War	96	25	71	17
		Graphic Designing	39	19	20	11
		Nerd Quiz	85	10	75	22
		Vijay Stotram	70	11	59	12
		Sanrakshan Vidyut	51	13	38	9
		Treasure Hunt	287	0	287	30
7	ISA	E-Placement	63	22	41	15
		Automation Quiz	18	2	16	7
8	MESA	Robo War	20	6	14	5
		Robo Race	36	9	27	8
		Water Rocket	37	7	30	10
		CAD Master	48	13	35	14
		Aeromobile Quiz	63	16	47	16
9	AMS	Tech Hunt	385	145	240	22
10	E-cell	Sell it Your Way	135	52	83	14
		War of Words	90	36	54	15
11	INFOCRATS	Code Run	105	24	81	16
12	IEEE	Project-o-Gram	12	4	8	5
13	Code Adda	CodeZilla	95	32	63	14

Technical Workshops

Sr. No.	Name of the club	Name of the Workshop	Total number of participants in the event	Total number of participants in the event from Nirma University	Total number of participants in the event other than Nirma University	Number of colleges took part in the event
1	ChESA	Molecular Simulation	29	13	16	9
2	OrCES	GIS and Remote Sensing	16	12	4	3
3	CSI	Block-chain	55	36	19	10
4	ACES	Zero to Hero Python	193	31	162	22
5	ECO	EC Workshop	30	10	20	7
6	EESA	Google Smart Home	80	4	76	9
		Prodhyam-Mulah	14	5	9	6
7	ISA	Image Processing	53	18	35	12
		IIoT Workshop	60	48	12	5
8	MESA	Automobile Workshop	11	4	7	4
		Astronomy Workshop	7	3	4	5
		Solid Works Workshop	13	3	10	5

Sports Activities

Sr. No.	Event Organized		Duration	No. of Participants (Approx.)
1	AbhimaNU'18	Cricket	April 10-14, 2018	250
		Table tennis		
		Chess		
2	Fresher's Cup 2018	Chess	August 28 to November 17,	680
		TT Lawn		

		Tennis	2018	
		Cricket		
		Football		
		Volleyball		
		Basketball		
		KhoKho		
		Kabaddi		
3	Annual Sports Meet(Athletics Meet)	100 Meter Race (Boys & Girls)	October 04 – 06, 2018	120
		400 Meter Race (Boys & Girls)		
		800 Meter Race (Boys & Girls)		
		1500 Meter Race (Boys & Girls)		
		4 x 100 Meter Relay (Boys)		
		Triple Jump (Boys & Girls)		
		Long Jump (Girls)		
4	Annual Sports Meet (Team Event)	Cricket (Male)	October 10 – 28, 2018	150
		Football(Male)		
		Volleyball(Male & Female)		
		Basketball (Male)		
		Kho-Kho(Male)		
		Kabaddi (Male)		
		Tug of War(Male)		
		Lawn Tennis (Single Male, Single Female, Double Male & Mix)		
		Badminton (Single Male, Single Female, Double Male & Mix)		
		Table Tennis – Single Male & Mix		
5	AbhimaNU'19		February 19 - 24, 2019	450

Highlights

- Team of students from IT-NU participated in Inter- University Level competition at IIM in all the sports event and were winners in Chess, Badminton, Lawn Tennis, Cricket and Basketball.
- Participated in Inter-University Level Competition at DAIICT in all the events and were winners in Athletics.
- Participated in Inter-University Level Competition at GNLU in all the events and were winners in Chess, Badminton and Lawn Tennis.
- Participated in West Zone Inter University Kho-kho Men Tournament at Dr Ambedkar College Comm. & Eco., Wadala, Mumbai.
- Participated in West Zone Inter University Cricket (Men) Tournament 2018 at Veer Narmad South Gujarat University Surat.
- Participated in West Zone Intern University Chess Competition (Men & Women) Tournament 2018 at Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
- Participated in West Zone Inter-University Tennis (Men) Tournament at Mohanlal Sukhadiya University (MLSU) Udaipur, Rajasthan.

Youth Welfare and Cultural Activities

Cultural Activity Report

Sr. No.	Event Organized	Duration	No. of Participants (Approx.)	Short Description of the event
1	NUzeal-19	February 5-6, 2019	26	Cultural Symposium of NU. ITNU Handled Personality Contest.
2	One Act Play	January 29, 2019	23	Based on theme 'In pursuit of Mahatma.'
3	Drama Workshop	January 24-28, 2019 (35 Hours)	26	A workshop of drama was arranged for ITNU Students and teams were prepared and participated in One act Play.
4	Photography Competition	January 10, 2019	52	Photography Competition on 'My Campus My Pride'
5	Short film Competition	October 31, 2018	15 Teams	Short film on theme 'Equal Opportunity to All'
6	RAMZAT 2018	October 20, 2018	Around 1447 Passes Sold	Garba Night Post Navratri
7	Vaudeville- 2018	August 28-29, 2018	800	A cultural event conducted for ITNU Students
8	Deshraag (Patriotic Song Competition)	August 13, 2018	20	Students and faculty from different department participated in the event.
9	Essay and Elocution Competition	August 12, 2018	05	Essay Competition Organized by United Nations Information Centre for India and Bhutan, Shri Ram Chandra Mission and Heartfulness Education Trust on topic "A mind all logic is like a knife all blade. It makes the hand bleed that uses it." - Rabindranath Tagore."

Events Organized under Vaudeville – 2018:

<ul style="list-style-type: none"> • Beat It (Solo Dance) • Lets Rumbaa (Duet Dance) • Step Up Infinity (Group Dance) • Don't Hesitate Lets Debate • Extempore • Street Play (Nukkad) • Antra – Classical Instrument, Classical Vocal, Classical Dance • Western Instrumental • TV Quiz 	<ul style="list-style-type: none"> • Gulaal (Rangoli) • Chitra Kalakkar (On spot painting) • Make it Noddy (Cartooning) • Face Painting • The voice of Nirma (Solo Singing) • Harmony (Duet Singing) • Antakshari • Zumba Workshop • One Line Drawing • Fun Zone 	<ul style="list-style-type: none"> • Nautanki (Drama) • Mono Acting/Mimicry • Prank Video • Photography • Mr. and Miss ITNU • Staff Performance • Open Mic • JAM • Fashion With Thrash • Game Event
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Performance in Sport Activities

Annexure A:

1. Sports Activities

2. Inter University Level

3. Inter Institute level (Annual Sports Events) - Track Events

4. Inter Institute Level: Annual Sports-Meet Result (University Level)] – Track Events

Incentives to Outstanding Sports Person

- All the winners of Annual Sports Meet are given trophies and certificates for their achievements.
- Certificates and Trophies are given to winners in all the events organized on the campus.
- The students are given full financial assistance to participate in All India Inter University Sports.

Number of students who have passed the following examinations:

Name of Examination	Number of Students
GATE	77
CAT	30
Other (GRE, TOEFL, IELTS)	139

Alumni Association Activities Supporting Students

❖ Annual General Meeting & Get-together

19th Annual get-together of NITAA was held on January 7, 2019 at Nirma University campus. The event received more than 600 participants from alumni members, their family members and faculty members of the Institute. The Meet was presided by President of NITAA Dr. Alka Mahajan (Director, Institute of Technology) and Sr. Vice president-NITAA, Dr. N. P. Gajjar (Professor, EC Department).

❖ NITAA Alumni Meet Dubai, UAE 2018

NITAA Alumni meet was conducted on April 24, 2018 at Bur Dubai. It was organized in Expo GETEX. Alumni were briefed about the objectives of NITAA. They were inspired to contribute something to Nirma University and suggested to become cultural ambassador for NU in UAE.

❖ Report on NITAA Meet (Bangalore) on February 10, 2019

The Alumni meet was held in Bengaluru, Karnatka. More than 25 alumni including alumni residing in Hyderabad attended the same. Dr N P Gajjar, Dr N M Devashrayee (Professor of ECE Department), Dr Priyank Thakkar, Dr Vijay Ukani (Professor of CSE Department) attended the meet and represented NITAA. Dr N P Gajjar briefed the objectives behind conducting such meets and our desire to reconnect with our alumni to strengthen the bond with their Alma-matter. Alumni were briefed about new PG Programme M. Tech in Data Science. They welcomed the step. Students expressed their extreme happiness on interacting with the faculty members.

❖ Report of Singapore Visit, October, 2018

Dr. Mehul R Naik, Associate Professor, EC Engg. Department visited the Navrati Celebration hosted by Singapore Gujarat Samaj in October, 2018 along with NU alumnus Mr. Nimit Sheth.

In the sponsored stall the information related to SEA and PIO admission was imparted to interested people.

❖ NITAA Awards

NITAA has given Best Alumni Awards (Department-wise) on the Foundation day of Institute of Technology on October 3, 2018. A total of 9 Alumni Awards were declared. The details are as under:

Sr. No.	Department Name	Name of the Alumni Awardee	Current Designation/Affiliation
1.	Chemical Engineering	Mr Sanket Gohil	Country Manager - India Microdyn Nadir Singapore Pvt Ltd
2.	Civil Engineering	Mr Bhagirath Joshi	Sr. Manager Design STUP Consultant P. Ltd, Ahmedabad
3.	Computer Engineering	Mr Abhishek Desai	Co-Founder, Digicorp, Ahmedabad Founder, CricHeroes, Ahmedabad Director, Start-ups committee of GESIA IT Association
4.	Electronics and Communication	Mr Heer Gandhi	Director and Co-Founder Dazzle Robotics Pvt Ltd.
5.	Electrical Engineering	Mr Akshay Raj	IPS, Deputy Commissioner of Police (Traffic), Ahmedabad
6.	Instrumentation and Control	Mr Ujjaval Modi	Senior Executive Engineer Instrumentation and Controls (ENEI), Linde Engineering India Pvt. Ltd., Linde House, Vadodara
1.	Information Technology	Mr Tushar Thakker	Co-Founder & CEO Param Labs Private Limited, Ahmedabad
8.	Master of Computer Applications	Ms Krithika Balasubramanian	Associate Manager, Accenture NV/SA, Belgium
9.	Mechanical Engineering	Mr Prahar Anjaria	Founder and Chairman – PRATHAM Educare (RANGOLI Pre Schools) Founder and Chairman – RANGOLI International School(s) Co - Founder and Director – Pagarav Hospital & ICU

❖ NITAA Scholarship

In the current financial year 2018-19, NITAA scholarships was renewed for 16 students and new scholarships were given to 10 students of B. Tech and M.C.A (based on merit). The scholarship will be continued in the subsequent years of Graduation study if student fulfils the required criteria laid down by the NITAA.

An amount of Rs.30,000/- each was given to the following students:

Renewal of NITAA Scholarship:

Sr. No.	Roll No.	Name of Student
1.	16BCH023	Mr. Harshit Singh Rajawat
2.	16BME041	Mr. Prasun Shukla
3.	16BIT019	Mr. Apurv Jain
4.	16BIT051	Mr. Memon Faizan Fakruddin

5.	16BEE065	Mr. Ujjawal Deshwal
6.	16BEC073	Mr. Karan Shah
7.	16BEC076	Mr. Naman Khandelwal
8.	16BCL117	Mr. Harshad P. Jadav
9.	15BIC065	Mr. Shivam Patidar
10.	16MCA036	Ms. Patel Margiben Sanjaykumar
11.	17MCA023	Mr. Kukadiya Sagar Kanubhai
12.	17BCH047	Mr. Shankhesh Sanjay Nahta
13.	17BIT041	Mr. Chhatwani Kunal
14.	17BEC064	Mr. Patel Deep Hiteshbhai
15.	17BEC073	Mr. Praveen Kukreja
16.	17BIT002	Mr. Darshan Agarwal

New NITAA Scholarship

Sr. No.	Roll No.	Name of Student
1	17BCH047	Mr. Shankhesh Sanjay Nahta
2	17BIC007	Ms. Balani Bhavika Gulabrai
3	17BEE005	Mr. Arvind Kumar
4	17BIT002	Mr. Agarwal Darshan P.
5	17BIT041	Mr. Chhatwani Kunal G.
6	17BEC064	Mr. Patel Deep Hiteshbhai
7	17BEC073	Mr. Praveen Kukreja
8	17BCL030	Mr. Divyanshu Kumar
9	17BCL059	Mr. Nikhil Raj
10	17MCA023	Mr. Kukadiya Sagar Kanubhai

Alumni Association – Activities Supporting Students

NITAA is rigorously arranging expert lectures, seminars and interactions with the help of Alumni members for the students. Alumni members also help in arranging student trainings, projects and placements. Various Alumni experts are invited from research institutes, government organizations, industries and from well-known universities for sharing their expertise and experiences. This will help students to gain something beyond their classroom teaching. Few alumni members are also part of the Management Boards, like Board of Studies of each department.

NITAA Activities at Department Level

Department	Type of activity	Date	Brief of the Activities
CSE	Expert Lecture	October 23, 2018	Ms. Sweta Kesur delivered an expert lecture on “One Step Towards Technology” for the Sem. 7 students of IT Branch.
	Expert Lecture	September 17, 2018	Alumnus Mr. Churchill Bhatt delivered an expert lecture on “IT for Global financial Markets” for the Sem. III IT students.
	Expert Lecture	September 17, 2018	Ms. Khyati Bhatt delivered an expert lecture on “Becoming future ready with nonverbal communications” for Sem. III IT students.

	Expert Lecture	September 14, 2018	Alumnus Mr. Tushar Thakkar delivered expert lecture on Recent Trends in Augmented Reality and Virtual Reality for the students of Sem. V IT students.
	Expert Lecture	August 8, 2018	Mr. Sanket Thakkar, MCA Alumnus & CEO, Iconflux Technologies Pvt Ltd, Ahmedabad delivered an expert talk on MStartUp after MCA- A Success Story” for MCA Sem I & III students.
	Expert Lecture	August 8, 2018	Mr. Pratik Patel, MCA Alumnus; CEO & Co-Founder - Yudiz Solutions Pvt Ltd, Ahmedabad delivered an expert talk on “How to Choose your Career” for MCA Sem. I and III Students.
	Motivational Lecture	July 12, 2018	Mr. Abhishek Desai, Founder of Cricheroes and co-founder of Digicorp delivered a motivational lecture on Career Guidance for Sem. 3 students of CE.
	Expert Lecture	April 17, 2018	Mr. Kuntal Shah, Co-Founder & CEO (Enabler), Digicorp delivered an expert talk on Block chain - Technology and Applications for the students of Sem.4 students of CE.
	Interaction	April 13, 2018	Interaction on “Placement Preparation” by Mr. Jaimin Pilojapara, MCA Alumnus and Software Engg, INEXTURE, Ahmedabad for MCA Sem. IV students.
Civil Engg.	Expert Lecture	September 28, 2018	Mr Anushrav Bhatt, Arbitrator of Nirntar Group and Alumnus of Nirma University delivered expert lecture on Arbitration Act and other regulations for Civil Engg. students.
	Expert Talk	July 19, 2018	Interactive session on “Higher education in India and Abroad” by Mr. Harsh Naik, Mr. Dhyey Bhavsar and Mr. Deep Shah for Sem. 3rd and 5th students.
Chemical Engg.	Interactive session	February 7, 2019	Mr. Vishal Bhavsar an alumnus of 1998 Chemical Engineering batch shared his experience of his journey. He also provided valuable information about the climate change, low carbon transformation, energy cost reduction. He said, for saying no to plastic and the various ways involved for the same, this can be done by a global commitment and the various business models to collect plastic from ecosystem.
	Interactive session	January 22, 2019	Mr. Swapnil Prajapati, 2012 batch visited the institute and interacted with the fourth semester students. He briefly discussed about the various options available after completing B. Tech. He enlightened the students with the education system of U. K and the importance of discipline and order in one’s professional life.
	Interactive session	January 11, 2019	Mr. Japan Trivedi an esteemed alumnus belonging to the batch of 1998 Chemical Engineering graced the department with his presence. He shared his experience of his journey beginning as a student to a faculty at University of Alberta in Canada. He provided valuable insight into the petroleum and oil industry trends and existing opportunities for budding chemical engineers.
	Interactive session	January 3, 2019	Interactive session regarding abroad studies, research proceeding and MBA career for students of Chemical

			Engg. by Mr. Yug Saraswat, alumnus of 2012 batch.
	Expert Lecture	August 10, 2018	Ms. Rucha Pandya, alumnus of Nirma University delivered an intriguing lecture on the topic Role of Process Engineers in a Chemical Plant, the immense responsibility that is placed onto them, the technical expertise and other such requirements that are expected out of an engineer.
	Interactive Session	August 7, 2018	Interactive session on Importance of safety in chemical industries, a brief introduction to HIRA (Hazard Risk Identification Assessment) for students of Sem. V by Mr. Nirav Pandya former graduate student of Chemical Engineering (Specialization in Environmental Process Design). He also discussed few important details every resume and CV should have without it being too overdetailed.
	Expert Lecture	July 16, 2018	Mr. Hrishikesh Pandya Senior Consultant with Proclink Consultants delivered an expert lecture on “Expectations from Industry” for Chemical Engg. students He provided the students with several exclusive examples in this field. He outlined the various challenges one may be likely to face in the future.
Electrical	Alumni interaction	February 27, 2019	Mr. Vatsal Shah (MTech EE 2009) delivered a talk on ‘Electric vehicle application using DSP for motor control.’
	Expert Talk	February 25, 2019	Mr. Devendra Parmar (MTech EPS 2012) delivered a talk on Wide Area Measurement System.
	Expert Talk	February 15, 2019	Mr. Kunal Bunch (BTech 2014) delivered a talk on Strategy to be adopted for further studies in US.
	Expert Talk	February 6, 2019	Mr. Himanshu Chauhan (BTech 2008) delivered a talk on Skills required by industries from Students.
	Interactive Session	October 24, 2018	Mr. Chintan Shah, alumnus (M. Tech. ES-EE, Batch 2015), presently working as Project Consultant, MITCON Consultancy and Engineering Services Ltd., Ahmedabad interacted with students of B. Tech. (EE-Sem. V) on October 24, 2018. The topic of interaction was on “Energy auditing for Electrical Engineers” as a part of Fractional Course for B. Tech. Sem. V students.
	Expert Lecture	October 26, 2018	Mr. Raj Ravirajsinh, alumnus (B. Tech. EE, Batch 2011) presently pursuing PhD at IIT Bombay interacted with students of B. Tech. (EE-Sem. VII). The topic of interaction was “Opportunities and career plans after B. Tech.”
	Interactive session	September 14, 2018	Mr. Rajesh Ojha, alumnus (B. Tech. EE, Batch 2000), presently working as Associate Director, Consulting-Digital Transformation, NTT Data consulting, United Kingdom interacted with students of B. Tech. (EE-Sem. V). The topic of interaction was on “Experiences from the industry.”
	Interactive session	September 6, 2018	Mr. Jwal Trivedi, alumnus (M. Tech. PEMD-EE, Batch-2014), presently working as Director, SAPT Engineers, Ahmedabad interacted with students of M.

			Tech. (EE-PEMD-Sem. I). The topic of interaction was on “Power Electronics applications in industry applications.”
	Interactive session	August 16, 2018	Prof. Nil Patel, ITNU, Alumnus (M. Tech. PEMD-EE, Batch-2016), presently working as Assistant Professor, Ganpat University, Mehsana interacted with students of M. Tech. (EE-PEMD-Sem. I). The topic of interaction was on “Career in research after Post Graduation”.
	Interactive session	August 13, 2018	Mr. Nathu Chhaiya (Junior Engineer - JE, KLTPS, GSECL, Panandhro), Mr. Rohit Nakum (JE, Nirma Ltd., Porbandar) and Mr. Siddhartha Dafda (JE, Nirma Ltd., Porbandar), alumni (B. Tech. EE, Batch 2017) interacted with students of B. Tech. (EE-Sem. VII). The topic for interaction was on “Industry Expectations.”
	Interaction	August 6, 2018	Mr. Dhruvin Patel, ITNU, Alumnus (B. Tech. EE, Batch 2015), presently working as District Registrar, Govt. of Gujarat interacted with students of B. Tech. (EE-Sem. VII). The topic of interaction was “Methodology to be adopted in preparing for government jobs and competitive examinations”.
EC	Research talk	May 3, 2019	A research talk on Deep learning and its application in robotics by alumnus Mr. Samarth Bhrambhatt for faculty member EC/IC /CSE department.
	Interactive session	March 8, 2019	Interactive session for B.Tech and M.Tech EC students by Mr. Vishnu Dave, Senior software Engineering and Synopsis, Bengaluru.
	Expert Lecture	October 16, 2018	Shri Manoj Kumar, Sr. Innovation Technologist-Technology & Strategy (RBEI/ETS) delivered an expert lecture on “Future Career Path in Core EC Industry for Sem. 7th EC students.
	Expert Lecture	October 11, 2018	Interactive session was arranged for M.Tech students of VLSI, Embedded and Communication with Mr. Jinal Shah, Manager, Design Verification in Texas Instruments, Bangalore.
	Expert lecture	August 10, 2018	Shri Dhaval Shah delivered an expert lecture on Entrepreneurship for students of 7th semester.
	Interactive session	December 3, 2018	Ms. Falak Gandhi and Mr. Paxaj Shukla, alumni of 2015 batch had an interactive session and they shared their experiences with the B.Tech IC students regarding Master study and current role of an Instrument engineer in industries.
	Expert Lecture	September 9, 2018	Mr. Sapan Thakkar, Engineer at Mitsubishi Electric India Pvt. Ltd. delivered an expert lecture on Drive: AC and DC for B.Tech Sem. 7 IC students.
	Expert Lecture	August 21, 2018	Mr. Harsh Munshi, Application Engineer, Research Engineer at Graymatics INC, Singapore delivered an expert lecture on “Artificial Intelligence: From an IC engg. perspective” to B.Tech Sem. V students.
	Learning session	April 3, 2018	Mr. Rohit Singh, Application Engineer at Nutron System Pvt. Ltd. delivered a learning session about Introduction to PLC and SCADA for B.Tech IC Sem.VI students.

Mechanical	Expert lecture	October 16, 2018	Mr. Bhavin Dabhi, Partner, Universal Designovation Lab LLP, Rajkot delivered an expert talk on Product design and Entrepreneurship” to M.Tech in Design second semester students. Mr. Bhavin Dabhi, Head, Universal Designovation Lab LLP, Rajkot delivered an expert talk on “Innovative Design Thinking” to B. Tech. Sem-VII (Div A) and M.Tech Design students of mechanical engineering department.
	Interactive session	April 19, 2018	Mr. Malav Patel, Ex. Quality Engineer, Bombardier Transportation interacted with B.Tech. Sem VI students on “Opportunities in Government Sectors and preparations for it.”
	Expert Lecture	April 4, 2018	Mr. Amar Patel, Ex. Engineer Caterpillar USA & Proprietor of Butter cups India delivered an expert lecture on “Utility of Energy Equation Solver software and Code development practices are using C language” for M.Tech Thermal Engg. Sem. II students.

Apart from that the alumni data management is maintained by online portal ALMA CONNECT, in which more than 6000 Alumni members have already registered. Department NITAA coordinator take care of the data update with the help of students who are receiving NITAA free scholarships. III cell is continuously informing alumni members regarding the job opening and assists them in getting it. Alumni members also send information regarding vacancies in their company through ALMA CONNECT.

Institute and University Level Activities

Institute Level: The Institute has included Alumni Representatives in the Internal Quality Assurance Cell (IQAC) of the Institute.

University Level: The Institute has names of three Alumni Members as the Board of Directors in the University Level Alumni Forum.

Activities of Guidance and Counselling Unit

A structured mentoring policy is adopted for the students, under which, two mentoring sessions per semester are arranged for the students. Regular counselling of the students is done by the faculty members. Professional Counseling is made available to the students to help them cope with depression, examination stress, personal problems etc. Ms. Sapna Bhatt, a professional counselor conducted awareness sessions for faculty and students and is available three days in a week for personal counseling.

Placement services to students

Campus placement is one of the milestones of Nirma University. Campus placement of the students in the right job profile opportunities is an endorsement of educational excellence in the respective field. 70.27% of B Tech eligible/appeared students and 56.59% of PG (M Tech + MCA) eligible/appeared students of 2019 batch from Institute of Technology, Nirma University have bagged lucrative offers from reputed recruiters.

Till date, 133 Companies have participated in the current batch placement process. So far the highest pay offered to the 2018-19 batches is about Rs.28.75 lakhs per annum. Average package offered this

year is Rs.5.47 lakh per annum. Organizations that visited the campus are from diverse profiles like, IT, Electronics, Telecom, Pharmaceuticals, Banking & Financial Services, Consulting, Heavy Engineering, Renewal Energy, Research Development and Design.

Under Graduate- 2019 Pass-out

Branch	Total Number of Students Registered 2018-2019	Total Number of Students Appeared 2018-2019	Total Number of Students Placed 2018-2019	% of Placement 2018-2019 (Based On Registered Students)	% of Placement 2018-2019 (Based On Appeared Students)
Civil Engineering	86	62	24	27.91	38.71
Chemical Engineering	54	54	32	59.26	59.26
Mechanical Engineering	139	136	84	60.43	61.76
Electrical Engineering	143	120	93	65.03	77.50
Electronics & Communication Engineering	115	110	78	67.83	70.91
Instrumentation Control Engineering	63	59	39	61.90	66.10
Information Technology	74	70	62	83.78	88.57
Computer Engineering	142	129	108	76.06	83.72
Total	816	740	520	63.72	70.27

Post Graduate - 2019 Pass-out

Branch	Total Number of Students Registered 2018-2019	Total Number of Students Appeared 2018-2019	Total Number of Students Placed 2018-2019	% of Placement 2018-2019 (Based On Registered Students)	% of Placement 2018-2019 (Based On Appeared Students)
MCA	68	68	42	61.76	61.76
M.Tech EPS	17	13	9	52.94	69.23
M.Tech PEMD	10	4	2	20.00	50.00
M.Tech CASAD	17	11	7	41.17	63.63
M.Tech VLSI	4	3	1	25.00	33.33
M.Tech Communication	11	3	1	9.09	33.33
M.Tech Thermal Engineering	16	13	9	56.25	69.23
M.Tech CAD/CAM	17	10	4	23.53	40.00
M.Tech Design Engineering	17	13	6	35.29	46.15
M.Tech CSE	19	17	8	42.11	47.06
M.Tech NT	17	8	1	5.88	12.50
M.Tech INS	17	13	9	52.94	69.23
M.Tech Embedded	8	6	4	50.00	66.67
Total	238	182	103	43.27	56.59

* Records as per Placement Report till May 30, 2018. Placement data is dynamic and subject to change as some of the campus drive results are pending.

Annexure A

Table 1: Sports Activities

Sr. No.	Name of Activity	Date & duration	Category (co-curricular/ extra co-curricular)	Organising Club/ Committee	Type Of Event	No. of Participants	Winner's Name	Description
1	AbhimaNU'18	April 10-14, 2018	Extra Co-curricular	NSA	Inter-University Sports Fest	250	Nirma University	21 Universities from Gujarat State participated. The major three sports events were Cricket, Table-tennis, and Chess. All the events were won by Nirma University.
2	Fresher's Cup-2018 (Chess, TT, Lawn-Tennis, Cricket, Football, Volleyball, Basketball, Kho- Kho, and Kabaddi)	August 28 to November 17, 2018	Extra Co-curricular	NSA	B.Tech First Year	680		This event was for First year B.Tech. In this event all individual division competes with all divisions. From this event we selected the good players for ITNU team in different sports.
3	Annual Sports Meet (Athletics Meet)	October 4-6, 2018	Track Event	Nirma University	Inter-Institute	120	ITNU Champion	List of winners are provided in Table 3.
4	Annual Sports Meet (Team Event)	October 10-28, 2018	Team Event	Nirma University	Inter-Institute	150	ITNU Champion	List of winners are provided in Table 4.

5	AbhimaNU'19	February 19-24, 2019	Inter-University Sports Fest	Nirma University	Inter-University	25	Winner in Cricket, Table-Tennis and Runner Up in Volleyball(Female)	450 participants all over the Gujarat from different Universities and Colleges.
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Table 2: Inter-University Level

Sr. No.	Name of Activity	Date - duration	Category (co-curricular/ extra co-curricular)	Organizing Club/ Committee	Type of Event	No. of Participants	Winner's Name	Description
1	Inter University (IIM)	September 20-23, 2018	Extra Co-Curricular	IIM, Ahmedabad	Inter University	100	Chess, Badminton, Lawn Tennis, Cricket, Basketball,	Inter University (IIM)
2	Inter University (DAIICT)	October 22, 2018	Extra Co-Curricular	DAIICT, Gandhinagar	Inter University	80	Athletics	Inter University (DAIICT)
3	Inter University (GNLU)	February 7-10, 2019	Extra Co-Curricular	GNLU, Gandhinagar	Inter University	80	Winner in Chess, Badminton, Lawn Tennis	Inter University (GNLU)
4	West Zone Inter-University Kho-Kho (Men) Tournament	December 21-24, 2018	Extra-curricular	Dr. Ambedkar College Comm. & Eco., Wadala, Mumbai	All India Level Inter University	12	Participated	Lost first match
5	West Zone Inter University Cricket (Men) Tournament 2018	December 20-27, 2018	Extra-Curricular	Veer Narmad South Gujarat University, Surat.	All India Level Inter University	16	Participated	-
6	West Zone Inter University Chess Competition- 2018 (M &W)	November 29- December 3, 2018	Extra-curricular	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	All India Level Inter University	09	Participated	-

7	West Zone Inter-University Tennis (Men) Tournament	December 14-18, 2018	Extra-curricular	Mohanlal Sukhadiya University (MLSU), Udaipur, Rajasthan	All India Level Inter University	05	One match won	-
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Table 3: Inter-Institute Level

**Annual Sports Event Result (University Level) (October 10-12, 2018)
Track Events**

Sr. No.	Name of the Event	Position	Name of the Students	Institute	Roll No.
1	100 meter race (boys)	1	Pranjal Gupta	ITNU	18K026
2	100 meter race (girls)	2	Agrini Chaturvedi	ITNU	17BEC005
3	400 meter race (boys)	1	Pranjal Gupta	ITNU	18K026
		2	Jaynil	ITNU	18BCL038
4	400 meter race (girls)	2	Rutva Patel	ITNU	16BIT129
		3	Priyanka Kumari	ITNU	16BEE037
5	800 meter race (boys)	1	Divyang Chaudhari	ITNU	16BCL040
6	800 meter race (girls)	1	Karkar Hemangi	ITNU	17MCA021
		2	Rutva Patel	ITNU	16BIT129
7	1500 meter race (boys)	1	Divyang Chaudhari	ITNU	16BCL040
		2	Aksha Thakkar	ITNU	17BIT003
8	1500 meter race (girls)	2	Rutva Patel	ITNU	16BIT129
9	4 x 100 meter relay (boys)	1	Pranjal Gupta, Jay Pandya, Prashant Trivedi, Kandarp	ITNU	18K026, 17BEE036, 17BEE117, 17BIT034
10	Triple Jump(Boys)	1	Jinay Tandel	ITNU	15BME120
		2	Nandania Shreyansh	ITNU	16BEE009
11	Triple Jump (Girls)	1	Urja Patel	ITNU	181048
		3	Devanshi Patel	ITNU	18BCE156
12	Long Jump (Girls)	1	Agrini Chaturvedi	ITNU	17BEC005
13	Triple Jump(Boys)	1	Jinay Tandel	ITNU	15BME120
		2	Nandania Shreyansh	ITNU	16BEE009
14	Triple Jump(Girls)	1	Urja Patel	ITNU	181048
		3	Devanshi Patel	ITNU	18BCE156
15	Long Jump (Girls)	1	Agrini Chaturvedi	ITNU	17BEC005

Table 4: Inter-Institute Level

**Annual Sports-Meet Result (University Level) (October 10-28, 2018)
Team-Events**

Sr. No.	Event	Champion		Runner up	
		Name	Institute	Name	Institute
1	Cricket (male)			Abrar Mansuri Vedant Brahmhatt Shikhar Singh KV Sai Akhilesh	ITNU

				Gourang Patel Pradhuman Bagadi Shivam Patel Vishal Kriplani Krushna Joshi Keval Bhatt Harshit Sinh Chauhan Ajay Waghela Prakhar Pandey Pritesh Hirani Harsh Chaudhari	
2	Football (male)			Hast Patel (C) Prayag Jani (VC) Dhruv Panchal Vimal Patel Kavish Ganesh Fagun Parikh Yash Halani Arjun Shah Mitesh Sompura Anuj Shah Aditya Soma Apindra Singh Parmar Varun Goenka Divy Khamesra Abrar Mansuri	ITNU
3	Volleyball (male)	Vikas Pandey (C) Jinay Tandel (VC) Dip Patel Mihir Patel Kadivar Mohammad Shohrab Rushi Shukla Swarnim Chaparwal Mehul Solanki Dinesh Sharma Vignesh Patel Vishal Kuvadiya Rishi Pandya	ITNU		
4	Volleyball (female)	Agrini Chaturvedi (C) Priyanka Kumari (VC) Sejal Jain Ruhi Patel Ayushee	ITNU		

		Kenvi Shah Ruchi Kena Upadhaya Jigyasa Mahur Gurmeet Khurana			
5	Basketball (male)	Vineet Unnithan (C) Akshay Chaudhary (VC) V Varunrajan Mikail Dadi Kush Damani Bineet Singh Dhrumil Vadera Deep Detroja Aman Kumar Hrujulkumar Thumar Tirth Patel Vivek Verma	ITNU		
6	Kho-kho (male)	Nakul Patel (C) Meet Patel (VC) Jay Purohit Sagar Chovatiya Divyang Chaudary Shivam Patel Vraj Shah Deep Chaklasiya Bhautik Baraiya Jaynil Atodariya Ketul Patel Shiv Jat	ITNU		
7	Kabaddi (male)	Shreyansh Jain (C) Vinod Chaudary (VC) Bhautik Jay Purohit Dhrumil Shekhda Arhan Doshi Jainam Sanghiv Rajat Sharma Madhav Gokalani Ishan Pareek Sagar Chovatiya Girirajsingh Chauhan	ITNU		

8	Tug of war (male)			Abrar Mansuri Vedant Brahmhatt Shikhar Singh KV Sai Akhilesh Gourang Patel Pradhuman Bagadi Shivam Patel Vishal Kriplani Krushna Joshi Keval Bhatt	ITNU
9	Lawn Tennis (single - male)	Het Brahmhatt	ITNU		
10	Lawn Tennis (single - female)	Nupur Palsana	ITNU		
11	Lawn Tennis (double - male)	Het Brahmhatt, Dehit Trivedi	ITNU		
12	Lawn Tennis (mix)	Dehit Trivedi, Nupur Palsana	ITNU		
13	Badminton (single - male)	Mayank Singh	ITNU		
14	Badminton (single - female)	Chinar Patel	ITNU		
15	Badminton (double - male)	Aum Karkar, Mayank Singh	ITNU		
16	Badminton (double - female)	Chinar Patel, Richa Agarwal	ITNU		
17	Badminton (mix)	Aum Karkar, Chinar Patel	ITNU		
18	Table Tennis (single - male)	Abhishek Mehta	ITNU		
19	Table Tennis (mix)			Abhishek Mehta, Riniali Shah	ITNU
20	Chess (single - male)	Shaival Patva	ITNU		
21	Chess (single - female)			Arpita Naina	ITNU

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Institute of Management

Outstanding Achievements and Important Activities

Rankings

Institute of Management this year completed 2 decades of excellence in B-School education and has been consistently ranked among the top 30 B-Schools in the country by various leading National B-School surveys.

During the Academic Year 2018-19 the rankings of the Institute are as follows:

1. The Institute has been ranked as the top 15th B-School pan India by Business Standard, published in December 2018.
2. Ranked as the 28th Best B-School pan India by The Week, published in November 2018.
3. Ranked as the top 8th Private B-School pan India by CSR-GHRDC B-School Survey and published in Competition Success Review, November 2018 issue.
4. Ranked as the top 31st B-School pan India by BW Business World, published in November 2018.
5. Ranked as the top 30th B-School pan India by Outlook Drishti, published in October 2018.
6. Ranked as the top 25th B-School pan India, published in Dalal Street Investment Journal in February 2019.

Convocation 2018

The 27th Convocation of Nirma University was held on April 24, 2018 on the university campus. Shri Deepak Kumar Hota, Chairman & Managing Director, Bharat Earth Movers Ltd, Bangalore graced the occasion as chief guest and also presented scholastic medals to graduating students. During the convocation, 252 MBA (Full Time), 49 MBA (Family Business & Entrepreneurs), 48 BBA- MBA (Integrated) and 1 BBA students were conferred the degrees. Dr. Karsanbhai K Patel, President, Nirma University delivered the Presidential address on the occasion. Dr. Anup Singh, Director General presented the concluding address at the convocation.

Executive Diploma Award Ceremony 2018

The Executive Diploma Award Ceremony of XVIII Batch (EDP 2017-18) was held on Sunday, December 16, 2018 at Institute of Management, Nirma University. Mr. Nagendra Sastry, Vice President, Decision Analytics at EXL Services was the chief guest on the occasion. This year, Executive Diplomas were awarded to 41 candidates (28 in Operations Management and 13 in Marketing Management).

Conference

NICOM-2019

The 22nd Nirma International Conference on Management (NICOM) was organized by Institute of Management, Nirma University during January 17-19, 2019. The central theme of the conference was “Business Economy and Environment: The New Normal”. The Conference had academicians and practitioners from all over the country, presenting their research in as many as 17 sub-themes viz, Business: Fostering Shareholders’ Value Creation, Energy, Climate Change and Sustainability, Global Development Goals 2030 and India, Economic and Social Aspects of Rural Development, Role of Information Systems, Digitization and Data Sciences in Business, among others, in four track sessions spread across the three days conference. Indian Council of Social Science Research (ICSSR) was the lead sponsor of NICOM 2019 followed by Indian Oil Corporation Limited and Erhardt (India) Pvt. Ltd. A pre-conference workshop was also conducted in collaboration with Competition Commission of India on the theme of ‘Competition Law & Business Management’. The Chief Guest, for the valedictory session was Mr. Dilip Chenoy, Secretary, General Federation of Indian Chambers of Commerce and Industry (FICCI), New Delhi. Dr. Samir Shah, Associate Clinical Professor, Drexel University, USA was the Guest of Honor.

In total, 179 abstracts and 109 full papers were received from India and abroad. The papers were sent for two rounds of blind review by two independent committees consisting of faculty members from Institute of Management, Nirma University. Based on their feedback, two volumes of books were published containing selected 61 papers which are published by Himalaya Publishing House Pvt. Ltd. NICOM 2019 also tied with Management Decision Journal, published by Emerald Publishing, indexed in Scopus, Web of Science, and ABDC list (B Category), recognized by UGC, for a special issue to be published after the conference. The Conference had total registrations of 157 delegates, 114 papers presentations by the participants in 16 track sessions, organized over the period of three days.

ANVESH 2018: DOCTORAL RESEARCH CONFERENCE IN MANAGEMENT

Anvesh-2018 - The 14th Doctoral Research Conference was organized by the Institute of Management, Nirma University on 6th and 7th April, 2018. The chief guest of the Inaugural ceremony was Dr. D. M. Pestonjee, Ex-Professor (IIM-A). Two books “Research Frontiers in Finance and General Management” and “Research Frontiers in Human Resource Management and Marketing Management” were released during the session.

ANVESH received 88 abstracts and 52 research papers from all over the country. During the two days, 8 parallel track sessions were organized, where researchers presented their research papers. Themes covered for the same were in areas of human resource, marketing, operations, finance, entrepreneurship and information management. There were two expert sessions “Theory of Management Research” and “Do’s and Dont’s of Management Research” delivered respectively by Dr. Deepak Srivastava and Dr. A. C. Brahmhatt.

The second day of the conference started with the research clinic sessions, where researchers discussed about the research problems with experts in the given area. The conference concluded with the valedictory address by Dr. R. J. Mody, Former Director, Sardar Patel Institute of Economic & Social Research, Ahmedabad.

8th Annual National Conference on Quality Management

The 8th Annual National Conference on Quality Management was organized by Institute of Management, Nirma University and ASQ (American Society for Quality) Ahmedabad LMC during Nov 30-Dec 1, 2018.

The theme for this year was “VUCA Challenges: Sustainability through Quality”. The national

conference was attended by many dignitaries and more than 400+ participants. On the first day, as part of an Industrial Visit, the participants went to 10 leading companies in the field of manufacturing; Bosch Rexroth India Pvt. Ltd., Omega Elevators, Hitachi Hi-Rel Power Electronics Ltd., Hindustan Coca-Cola Beverages Pvt Ltd., Inductotherm (India) Pvt. Ltd., Amul, Precision Autowares Pvt. Ltd., Havmor Ice cream Pvt. Ltd., Waterman Pumpset, Tennecco Automotive Pvt. Ltd.

The Inaugural session started with the welcome speech of Dr. Himanshu Trivedi, Chair, ASQ Ahmedabad LMC. The Chief Guest of the session, Mr. Stefano Talassi, COO Transformers India, focused on the new challenge in the industry. Mr. Prashant Hoskote, Senior Director- Quality, Service Excellence and Innovation, Max Group explained the concept of VUCA from the point of view of strategic level of organizational quality by using references from his own organization, Max Group. Mr. Ananda Sarangi, Director & Head of Business Development ASQ India, South Asia, Russia gave valuable insights on ASQ, its functioning and the relevance of quality in industries and in today's changing business scenario.

A Panel Discussion on “VUCA Challenges: Sustainability through Quality” was held, wherein Prof. Mallikarjun, Shri. Chetan Kothari, Shri Vinod Venkatesh, Sri Sachin Garg and Prof. Rajesh Jain participated.

The second day witnessed more than 30 Parallel live case study presentations, in which different topics on the Challenges of VUCA were covered. The first plenary session started with the speaker Dr. Jitesh Thakkar, who explored the topic of VUCA through challenges in the education sector through the examples of Engineering and Management Institutions. The second speaker, Mr. Jayesh Khamar, gave insights on “Unlocking the power of data for Industry 4.0”.

The second Plenary session started with Mr. Prerak Shah, Exec. Director and Jt. CEO DEV IT and Associate Vice President-PMI Mumbai Chapter, Ahmedabad. The final speaker, Prof. Arnab Kumar Laha, Associate Professor-IIM Ahmedabad, talked about managing quality in VUCA time's lessons from science of quality.

Conclaves

Utkrishta'18 – Management Conclave (August 9-10, 2018)

Utkrishta 2018, the Management Conclave of Institute of Management, Nirma University, was organized by four prominent clubs of IMNU namely: Niche - the Marketing Club, Imprintz - the HR Club, Optimus - the Operations Club and Finesse - the Finance Club of IMNU. The Conclave commenced on 9th August, 2018 with the theme, “Contemporary Business Management Practices: Opportunities and Challenges”.

The inaugural address was delivered by Mr. Sameer Desai, Chief Strategy Officer, Brand Launch Centre & CEO, Seagull Branding & Advertising Services. Mr. Narayanan K. S., Independent Advisor in the Food and Beverages Industry, began the session on the tone set by Mr. Sameer Desai. He spoke on the theme of ‘Food Services: B2B Marketing’. He said that the challenge of de-commoditization consists of transforming the focus of an organization from the ‘Best product, Lowest Price’ to ‘Total Customer Solutions’. Mr. K Aayush Mazumdar, CMO at Mera Events spoke about the History, Present and Future of Marketing. The fourth session addressed by Ms. Manisha Kelkar, Head Corporate HR, Nuvoco Vistas Corp. Ltd. was on ‘New Age Talent Management’.

After the Marketing sessions got over, Operations Area speakers' sessions kicked off with the first speaker Mr. Manikandan Murugesan, Head India Supplier Quality & Zero Defects Program, Supply Chain, Civil Aerospace Operations, Rolls Royce India Pvt. Ltd. The theme for this session was ‘Path Breaking Practices to Achieve Zero Defects’. The second speaker for the Operations session was Mr. Bhanu Pratap Singh, National Head, Buying and Merchandising, Reliance Retail Limited. His session

was based on 'Retail Operations & Merchandising Innovation'. Mr. Muralidhar Pundla, Director-Quality, Akshaya Patra Foundation, addressed the audience on 'Quality Management - The Akshaya Patra Way'. Mr. Anil Patel, Sanand Plant Head, Ford Motor Company, session was on the theme 'Operations and Production Management Issues'.

The first address of Day 2 of the Management Conclave was delivered by Mr. Ritesh Chavan, Co-Founder of The Money Roller. He made the students understand the importance of proper research if one wants to be successful in the field of financial markets. Mr. Mitesh Desai, Vice President at Mizuho Bank began the session by explaining various products in the field of banking. Mr. Hrishikesh Deshmukh, CFA & Alumnus of Institute of Management, Nirma University, spoke about 'Impact of Disruptive Technologies like Blockchain and Automation on the Financial Sector'. The fourth session was addressed by Mr. Apoorva Vora, Founder & CEO at Finolutions Wealthcare LLP. The session was based on "Changing Dynamics of Private Wealth Management."

The valedictory session of the Management Conclave was addressed by Mr. Pratik Modi, Senior Director (Head of Technology India), S&P Global. His session was based on 'Artificial Intelligence & Robot Based Intelligence'.

Pragaman 3.0'- The Entrepreneurship Conclave

'Pragaman 3.0'- The Entrepreneurship Conclave 2018 was organised on October 3, 2018. The theme of the conclave was "Boulevard of Entrepreneurship - Build to last". Inaugural Address was by Padma Shri Prof Anil Gupta, Founder- Honey Bee Network, SristiGian, Second session was by Mr. Sameer Aasht, Founder, Director Alma Mater, Session Theme – Sell Me This Pen. Third session Speaker was Mrs. Jyoti Sudhir, Chairperson- IWN Gujarat State at CII, Owner- Image Consulting Business Institute, Session Theme – Women and Entrepreneurship. Last session Speaker was Mr. Sanandan Sudhir, Founder – Invent India, President – Indian Investors Association and Session Theme was The Startup Ecosystem Needs Some Repairs.

AAROHAN, BBA Conclave 2018

AAROHAN - The Fourth BBA Conclave on 'NAVKALPANA' was scheduled on December 14-15, 2018 at IMNU Auditorium. The Chief Guest for the inaugural ceremony was Mr. Apoorva Vora, Founder, Finolutions Wealthcare LLP. The guest for the valedictory session was Ms. Sharmishtha Sarkar, Dancer.

Aarohan cherishes the life journey of individuals who strive to make a mark in their work domain not just by the means of their work but the ideas they inspire, the cause they stand for, the enterprise they build and the spirit they ignite around them.

The two-day event witnessed eminent professionals imparting insights in the different themes - Leadership in Corporate, Social, Entertainment, Media, Literature and Sports. It was a highly enriching experience for the BBA students that gave them rich know-how about different leadership aspects and team building tactics in the various industries and sectors.

Following dignitaries took part in conclave-- Mr. Apoorva Vora, CEO and Founder, Finolutions Wealthcare, LLP; Mr. Ananth Narayanan, Analyst, ESPN; Mr. Hemant Deolekar and Ms. Tejaswita Anant, Active Theatre Artists, Vihaan Drama works; Mr. Vinay Tolambia, Quality Analyst from American Express; Mr. Narayan Peesapaty- MD, Bakeys Food Pvt Ltd.; Famous Musician Dr. Benny Prasad; Mr. Prashant Desai, CEO, D:FY Ltd.; and Dancer Sharmishtha Sarkar.

Alumni Conclave

Prathidwani 2019

The 6th Alumni Conclave of the Institute of Management, Nirma University was held on 3rd Feb, 2019. The Alumni Conclave is a platform where alumni from different sectors share their views on a common topic from the perspective of their respective fields. The conclave is a medium for strengthening the bond between the alma mater and its alumni base. It also provides a wonderful opportunity for students to gain practical business knowledge by interacting with the alumni and learning from their rich experiences. Through the conclave, the institute encourages industry interaction and prepares its students for the grueling corporate world. The theme for Prathidwani, 2019 was “Construct, Destruct & Reconstruct”. There were 11 alumni speakers from different batches and programs who shared their experiences and insights on the theme. The event was a great learning experience for the students.

The structure for the conclave was panel-based comprising of 6 panels – IT & Consulting, Marketing, Finance, Operations, Entrepreneurship and Human Resource. The first panel discussion on IT & Consulting was graced by Mr. Maneesh Shama, Senior Solution Manager, IBM India Pvt. Ltd. and Mr. Chintan Mehta, Associate Director, KPMG. The Finance panel was graced by Mr. Rituraj Saxena, Executive VP, Yes Bank Ltd. The three speakers in Entrepreneurship panel were Mr. Siddhant Tawarawala, Founder & CEO, Wide Need P. Ltd.; Mr. Raj Joisar, Vishal Engineers & Galvanizers; and Ms. Shikha Shah, Founder, Fibre Labs & Co-Founder, Brew Sight LLP.

Mr. Debjyoti Sinha, Group Manager –International Business, Royal Enfield was invited for the Marketing panel. The three speakers for the HR panel were Ms. Prerna P. Kapoor, Director, Proeves; Mr. Rathin Sengupta, Head of Personnel, Physical Research Laboratory; and Mr. Hemant Nitsure, Founder & CEO, Directus HR Services. The last session was of the Operations panel in which the speaker was Mr. Nishith Modi, Director, Ronson Group.

Dignitaries Visited

Dr. Hasmukh Adhia, Chancellor, Central University of Gujarat and former Finance Secretary and Revenue Secretary, Government of India visited Institute of Management. He delivered an enriching session on "**Making of Union Budget: Processes and Outcome**" on **March 15, 2019** where he spoke about the different Constitutional provisions and bills. He also explained in detail the departments of the Finance Ministry and the process of forming and passing the budget.

I. CURRICULAR ASPECTS

New Courses introduced

On the recommendation of Academic Council in its meeting held on 20.04.2018, following introduction of specialization – Business Analytics along with its Teaching & Examination Scheme and syllabus for the students of MBA –Full Time program was made effective from academic year 2018-19.

Details of electives is as follows:

Sr.	Course Title	Credits
1	Business Intelligence	3
2	Business Analytics and Data Visualization	3

3	Data Mining & Data Science	3
4	Big Data	3
5	Python and R	3
6	Machine Learning & Artificial Intelligence	3

II. TEACHING-LEARNING AND EVALUATION

Faculty completed/pursuing Ph.D.

One faculty was awarded Ph.D. during the year. Six faculty members are pursuing Ph.D.

Activities to sustain healthy practices

- Various Enrichment Programmes for the students were conducted and made mandatory for the students to attend.
- Regular instructor meetings, Faculty and IQAC meeting were held.
- Regular attendance and the progress of the students were monitored.
- Efforts were made to ensure that students interact with industry at different forums.
- Large number of student activities were initiated and coordinated by students
Interdisciplinary Students projects

Live projects undertaken by students

In addition to the summer internship projects, students also undertake live projects. The institute encourages the students to undertake such projects and provides conducive environment for the same. These projects expose students to the current problems faced by the business organization and seek solution for the same. As result, the employability of the students improve.

Live projects undertaken by the students during the assessment period

Sr. No.	Organisation	No. of students	Title
1	1 Mg	52	Business Development Associate
2	AON	4	Total Rewards study, Manufacturing Units (Gujarat)
3	Ardeko	1	Mutual Fund Distributor and comparative Analysis
4	Cornitos	4	Marketing Associate
5	ForeVision	5	Brand Marketing and Sales Promotion
6	Future Retail	41	Consumer Behaviour, Retail Marketing, Customer Loyalty and Brand Awareness
7	Money Roller	1	Marketing Associate
8	Orgaincs Food Market	9	Live Project in Sales and Marketing
9	PharmEasy	1	Business Development Associate
10	Top Cashback	2	Marketing Associate
11	UCB	3	Store Business Operations & Customer Buying Behaviour

Exam reforms implemented

The Institute follows the University Norms related to the Examinations reforms

Number of Faculty Development Programmes availed by faculty

Year	International Conference	National Conference	STTP/ Workshop/ Seminar/FDP
2018-19	20	28	15
2017-18	31	06	8

List of faculty development programmes organized by the Institute

Report of Faculty Development Programmes organized in 2018-19:

Sr. No.	Coordinator/s	Dates	Duration	No. of Participants	Topic
1	Prof. P. K.Chugan	April 16 to April 30, 2018	11 days	28	Case Method for Effective Management Education

Invited Guest Lectures in Various Courses

Sr. No.	Date	Name of the Guest	Name of the Course	Name of Organisation	Designation
1	25.06.18	Mr. Kashyap Patel	ERP	Tally Academy	Promoter
2	27.06.18	Mr. Dhaval Popat	Data Analysis	EXL Service	Analyst
3	03.07.18	Mr. Narayanan Ayipuzha	Performance Management	Tata Group	Executive
4	03.07.18	Mr. Dhaval Popat	Data Analysis	EXL Service	Analyst
5	05.07.18	Mr. Dhaval Popat	Data Analysis	EXL Service	Analyst
6	05.07.18	Mr. Rashid Saiyed	Consumer Behaviour	Aashray Incubation	CEO
7	12.07.18	Mr. Ashish Agarwal	Social Entrepreneurship	Paryavaran Mitra	Director
8	17.07.18	Dr. Himanshu Trivedi	LSS	Bosch Rexroth Pvt. Ltd.	Plant Head
9	17.07.18	Mr. Volker Wedler	LSS	Bosch Rexroth Pvt. Ltd.	Multilocal Project Head
10	17.07.18	Mr. Parthiv Shah	MFS	Tracom Stock Brokers Pvt. Ltd.	Director
11	17.07.18	Prof. Arnab Laha	QTM	IIM Ahmedabad	Professor
12	23.07.18	Mr. Sunmit Gadhvi	ERP	SAP	Regional Director
13	31.07.18	Mr. Manish Shah	Retail Marketing	Future Retail	Operations Head - West Zone
14	04.08.18	Mr. Naresh Golani	MFS	CARE Ratings	Associate Director
15	04.08.18	Mr. Krunal Modi	MFS	CARE Ratings	Senior Manager - Corporate Ratings
16	09.08.18	Mr. Ravi Patel	IPM	Institute of Technical Analysis	Technical Analyst

17	13.08.18	Mr. Setul Shah	MFS	Marsh India Insurance Brokers Pvt. Ltd.	AVP - Risk Management Practice
18	20.08.18	Mr. Nital Zaveri	LSS	Concept Business Excellence Pvt. Ltd.	CEO
19	20.08.18	Mr. Kishore Bhatt	Export Management Import	Achieve Impex	Consultant
20	23.08.18	Mr. Dhaval Popat	Data Analysis	EXL Service	Analyst
21	27.08.18	Mr. Pramit Ghosh	IMC	Cognitio Innovo	Founder Director
22	24.08.18	Mr. Ketan Dhruv	LSS	Bosch Rexroth Pvt. Ltd.	DGM - Lean Manufacturing
23	28.08.19	Mr. Ketan Parikh	ERP	Kalpataru Power Transmission Ltd.	VP - SAP
24	29.08.18	Ms. Vibhuti Bhatt	MMI	One Advertising	MD
25	30.08.18	Mr. Ramprasad Bhatt	QTM	EXL Service	Senior Analyst
26	30.08.19	Mr. Pramit Ghosh	Consumer Behaviour	Cognitio Innovo	Founder Director
27	04.09.19	Mr. Shailesh Goyal	INL	Simulations Public Affairs Managemnt	Founder Director
28	04.10.18	Mr. Karan Dangayatch	CSE	Shashwat Cleantech	MD
29	11.10.18	Mr. Imroz Mansuri	investment Banking	Narayana Business School	Assistant Professor
30	02.11.18	Ms. Seema Saxena	Training Development &		Independent Consultant
31	03.11.18	Mr. Pranav Kothari	CSE	Large Scale Education Programme	VP
32	03.11.18	Ms. Seena Saxena	Performance Management		Freelance Management
33	04.12.18	Ms. Sapna Vyas	PDBE		Weight Management Specialist
34	05.12.18	Mr. Kevin Buddhadev	MACE	Adani Enterprises Ltd.	Senior Manager - Forex & Treasury
35	26.10.18	Mr. Neil Harwani	QTM	Inexure Solutions	
36	03.11.18	Dr. Nirja Sharma	HRM	KHS Machinery Ltd	
37	22.11.18	Mr. Diptesh Ghosh	OR	IIMA	Professor
38	27.11.18	Mr. Ashish Rochwani	QTM	Bonding Gifts	CEO
39	07.12.18	Mr. Ankit Desai	TEOM	n©ode Solutions, Division of GNFC Ltd.	Project Leader

40	08.01.19	Ms. Sarita Heide	People Management & Leadership	Sarita Heide Int	Founder & CEO
41	21.01.19	Mr. Suramya Bhatt	Management Consulting	TCS	Consultant
42	21.01.19	Mr. Shamik Joshi	Management Consulting	PWC	Director
43	25.01.19	Mr. Aditya Rawal	PRM	TCS	Program Manager
44	01.02.19	Mr. Alok Garg	M & A	Cadila Healthcare Ltd.	Vice President
45	14.02.19	Mr. Aditya Rawal	PRM	TCS	Program Manager
46	21.02.19	Prof. Praneti Shah	TQM	IMNU	Assistant Professor
47	22.02.19	Mr. Aditya Rawal	PRM	TCS	Program Manager
48	27.02.19	Mr. Savan Godiawala	Management Consulting	Deloitte India	Partner Financial Advisory
49	12.03.19	Mr. Savan Godiawala	Management Consulting	Deloitte India	Partner Financial Advisory
50	27.03.19	Mr. Amit Garg	DPM	IIMA	Professor

Invited Guests/Speakers for Conclaves & Conferences

Sr. No.	Date	Name of the Event	Name of the Guest	Name of Organisation	Designation
1	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Sameer Desai	Seagull Advertising	MD & Chief Strategy Officer
2	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Ms. Unnati Tushar	Centrum India	VP, Marketing and Communications
3	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. K Aayush Mazumdar,	MeraEvents	Mera Events
4	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Narayanan K S	Seasonings and Flavours.	President
5	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Ms. Manisha Kelkar	Nuvoco Vistas Corp. Ltd.	Head - Corporate HR

6	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Manikandan Murugesan,	Rolls Royce Motor Cars Ltd.	Head - Operational Excellence
7	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Bhanupratap Singh,	Reliance Retail Limited	National Head, Regional Buying and Merchandising
8	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Muralidhar Pundla	The Akshayapatra Foundation	Director - Quality
9	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Anil Patel	Ford Motor Company.	Sanand Plant Head
10	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Ritesh Chavan	The Money Roller	Co-Founder
11	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Mitesh Desai	Mizuho Bank	Vice President
12	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Hrishikesh Deshmukh	Inautix	Vice President
13	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Apoorva Vora	Finolutions Wealthcare LLP	CEO & Founder
14	August 09-10, 2018	Utkrishta - Marketing Conclave 2018	Mr. Pratik Modi	S & P Global	Senior Director (Head of Technology, India)
15	30 November-1 December, 2018	ASQ Seminar 2018	Dr. Himanshu Trivedi	ASQ Ahmedabad LMC	Chair, ASQ
16	30 November-1 December, 2018	ASQ Seminar 2018	Mr. Stefano Talassi	Transformers India	COO
17	30 November-1 December, 2018	ASQ Seminar 2018	Mr. Prashant Hoshkote	ASQ QMD	
18	30 November-1 December 2018	ASQ Seminar 2018	Mr. Anindya Sarangi	ASQ India	Director
19	30 November-1 December 2018	ASQ Seminar 2018	Mr. Jayesh Khamar	Knovos	
20	30 November-1 December, 2018	ASQ Seminar 2018	Mr. Prerak Shah	Dev IT	CEO

21	January 17-19, 2019	NICOM 2019	Mr. Sunil Parekh	Zydu Cadila Healthcare Group	Senior Strategy Advisory
22	January 17-19, 2019	NICOM 2019	Prof. R. Parthasarathy	Gujarat Institute of Developme nt Research	Director
23	January 17-19, 2019	NICOM 2019	Mr. Dilip Chenoy	Federation of Indian Chambers of Commerce and Industry (FICCI)	Secretary General
24	February 08, 2019	Pratidhwani 2019	Mr. Maneesh Sharma	IBM India Pvt. Ltd.	Senior Solutions Manager
25	February 08, 2019	Pratidhwani 2019	Mr. Chintan Mehta	KPMG India	Associate Director
26	February 08, 2019	Pratidhwani 2019	Mr. Rituraj Saxena	Yes Bank Ltd.	Executive Vice President
27	February 08, 2019	Pratidhwani 2019	Mr. Siddhant Tawarawala	Wide Need Pvt. Ltd.	Founder & CEO
28	February 08, 2019	Pratidhwani 2019	Mr. Raj Joisar	Vishal Engineers & Galvanizer s Pvt Ltd.	Founder
29	February 08, 2019	Pratidhwani 2019	Ms. Shikha Shah	Fibre Labs & Co- Founder, Brew Sight LLP	Founder
30	February 08, 2019	Pratidhwani 2019	Mr. Debjyoti Sinha	Royal Enfield	Group Manager - International Business
31	February 08, 2019	Pratidhwani 2019	Ms. Prerrna Kapoor	Proeves	Director
32	February 08, 2019	Pratidhwani 2019	Mr. Rathin Sengupta	Physical Research Laboratory	Head of Personnel
33	February 08, 2019	Pratidhwani 2019	Mr. Hemant Nitsure	Directus HR Services	Founder & CEO
34	February 08, 2019	Pratidhwani 2019	Mr. Nishith Modi	Ronson Group	Director

Non-Teaching Staff Development

Training Programmes/Workshops/Conferences attended by non-teaching staff.

Training program (STTP) for a week starting from 18th Feb, 2019 onwards for the Non-Teaching employees in the cadre of Assistant (Regular/Adhoc) for following staffs.

Sr.	Name	Designation
1	Pragna Praiapati	Library Assistant
2	Rakesh Trivedi	Library Assistant
3	Dhiren Panchal	Library Assistant
4	Khushboo Patel	Library Trainee
5	Kiran Raval	Tel. Op. cum Receptionist
6	Sharvin Sevak	Assistant
7	Kalpesh Dodiya	Assistant

III. RESEARCH, CONSULTANCY AND EXTENSION

- Research Projects

Major Research Project funded by External Agencies during:

Financial Year	Ongoing		Sanctioned	
	Number	Amount in Lakh	Number	Amount in Lakh
2018-19	1	6.00	3	102.00

Minor Research Project funded by Nirma University:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount in Lakh	Number	Amount in Lakh	Number	Amount in Lakh
2018-19	2	0.90	1	0.60	-	-
2017-18	7	1.17	2	1.00	2	1.00

Minor Research Project funded by External Agencies:

Financial Year	Ongoing		Sanctioned	
	Number	Amount in Lakh	Number	Amount in Lakh
2018-19	1	4.20	1	4.5
2017-18	-	-	1	4.0

Ongoing Major Research Projects funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Preparation of District Human Development Report of Devbhumi Dwarka District	Prof. Nikunj Patel, Prof. M. Mallikarjun	Gujarat Social Infrastructure Development Society	6,00,000/=

Sanctioned Major Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Rainbow (Realizing Aspirations, Interests & Brilliance of Young Women in Indian Universities)	Prof. Nina Muncherji, Prof. Amola Bhatt	Erasmus	71,00,000/=
1.	Adoption & Effectiveness of Digital Health Services in India : a Study of Gujarat	Prof. Jayesh Aagja, Prof. Samik Shome	Indian Council of Social Science Research (ICSSR)	20,00,000/=
2.	Research Ambience and Research Productivity: A Study of Higher Institutions in Indi, South Africa & USA	Prof. Rajesh Jain, Prof. Udai Paliwal	Indian Council of Social Science Research (ICSSR)	11,00,000/=

Completed Minor Research Projects funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1.	Techno-Managerial Implications of Mobile Technology Adoption in Emergency Medical Services	Prof. Subrat Sahu	40,000/=
2.	Investors Behaviour towards Mutual Fund Investing with Reference to Investors in Gujarat	Prof. Parag Rijwani, Prof. Jayesh Aagja	50,000/=

Ongoing Minor Research Projects funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1.	Marcomm Practices of Retail Stores	Prof. Sapna Parashar, Prof. Sanjay Jain	60,000/=

Ongoing Minor Research Projects funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Effectiveness and Efficiencies of MGNREGA in five Districts of Central Gujarat and its Impact on Quality of Life	Prof. Samik Shome	Indian Council of Social Science Research (ICSSR)	4,20,000/=

Sanctioned Minor Research Projects funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Assessing the Impact of Microfinance Services on Empowerment of Female Living in Rural Areas of North Gujarat	Prof. Riteshkumar Patel	Indian Council of Social Science Research (ICSSR)	4,50,000/=

Number of Teachers allowed to participate in National/International Conference based on the acceptance of Research paper:

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred	Number of Teachers	Amount incurred
2018-19	7	50,259	17	2,00,058
2017-18	8	49,081	11	1,26,817

Publication by Institute – International/National Conference proceedings, Institute journals, dissertation abstracts, Ph.D. Thesis, etc.

Financial Year	Institute	National Journal			International Journal		
		Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor
2018-19	IMNU	17	---	---	14	---	---
2017-18	IMNU	15	---	---	09	---	---

Research Publication by faculty

Publication in National Journals

Sr. No	Name of Author	Research paper	Name of Journal	Volume No	Page No	Month & Year of Publication	ISBN/ISSN No. of Journal
1	Prof. Shome, Samik	Platform Economy: Evidence from Indian Market,	SCMS Journal of Indian Management	XVI(1)	23-32	January-March-2019	0973-3167
2	Prof. Kanabar, Krishna	“Behaviour Change Communication in Swachh Bharat Mission: Analyzing the Role and Challenges”	Journal of Management Research and Analysis (JMRA),	05 Issue 04(Special Issue	36-40	February 2019	2394-2770
3	Prof. Poonam Chhaniwal	Mutual Fund Hitches and Outlook: An Empirical Study	The Journal of Social Sciences Research	Vol. 5, No.2	507-514	February 2019	2413-6670 Scopus
4	Prof. Shreshtha	Not so easy for startups to start in	Journal of Institute of	Vol.41	116-134	December 2018	UGC Listed

	Dabral & Prof. Samik Shome	India: Government policies and startup scenario in Ahmedabad	Public enterprise				0971-1864
5	Prof. Samik Shome	Indian Life Insurance Companies Agents' Attrition: An Outlook	Current Science	Vol.115	851-859	October 2018	Scopus, Web of Science, UGC List
6	Prof. Nikunj Patel & Prof. Ritesh Patel	Impact of Microfinance on Women Empowerment: A Study of Rural Gujarat	Indian Journal of Finance	Vol.12	22-35	August 2018	Scopus, Indian citation Index, EBSCO, UGC List 0973-8711
7	Prof. Balakrishnan Unny	Factors Influencing Use of Telecentre Based Services in Rural Areas : A case of Akshaya Project, Kerala	Nirma University Journal of Business and Management Studies	Vo.11	5-16	May 2018	2249-5630
8	Prof. Sameer Pingle & Prof. Rajwinder Kaur	Employer Branding in the Indian Armed Forces Context: A Comparative Study of Potential Defence Applicants and Defence Employees'	Vision – The Journal of Business Perspective	Vol.22, No.2	199-210	May 2018	Scopus, UGC Listed 0972-2629
9	Prof. Monali Chatterjee	Surmounting the Glass Ceiling at the Workplace.	Nirma University Journal of Business and Management Studies	Vol.I	45-64	April 2018	2249-5630
10	Prof. Ritesh Patel	Nipponply: Analyzing the Feasibility of Geographical Expansion	Ivey Publishing, Ivey Business School	--	--	October 2018	---
11	Prof. Bihari, S., Prof. Awasthi, A.K.	Use of Adjusting and Instructing Information in Product Harm Crisis Communication.	Pacific Business Review International	Vol. 11, Issue 4.	86-96	October 2018	0974-438X
12	Prof. Nityesh Bhatt	"Technostress and Coping Mechanism",	Nirma University Journal of Business and	Vol 31 No. 1	121-136	2018	--

			Management Studies				
13	Prof. Shome, Samik	Attrition of Agents in Indian Life Insurance Companies	Current Science	Vol. 115, No. 5	851-859	2018	00113891
14	Prof. Chetan Jhaveri	API Based Reward Model to Improve Regularity and Efficiency in Management Institutes	Prabandhan: Indian Journal of Management	Vol. 11, No.12	22-34	December 2018	
15	Barot, H, and P V Chhaniwal	The Journey of Unicorn Uber from San Francisco to International Disruption	Asian Journal of Management Cases	Vol. 15, No. 1	82-91	2018	--
16	Patel, R, M Patel, and N Patel	Impact of Microfinance on Poor Women: Lessons from North Gujarat	Prabandhan: Indian Journal of Management	Vol. 11, No. 2	14-29	2018	0975-2854
17	Patel, R	Pre & Post-Merger Financial Performance: An Indian Perspective	Journal of Central Banking Theory and Practice	Vol. 7, No. 3	181-200	September 2018	Scopus, Web of Science, UGC List 2336-9205

Publications in International Journals

Sr. No	Name of Author	Research paper	Name of Journal	Volume No	Page No	Month & Year of Publication	ISBN/ ISSN No. of Journal
1	Prof. Sapna Parashar	Rural Audience's Reaction to MGNREGA's Communication Dissemination- A Case of 16 Villages of North Gujarat Region	SS International Journal of Economics and Management	Vol.9, No.2	68-84	March 2019	UGC Listed 2231-4962
2	Prof. Sameer Pingle, Prof. Rajwinder Kaur	Employer Branding to Clasp Gen Y'ers: Attraction towards Learning and Development Prospects in Indian IT industry.	Journal of Management Research and Analysis	Vol.5, No.4		February 2019	UGC Listed 2394-2770
3	Prof. Parashar, Sapna	Empirical Study of MGNREGA's Works and Expenditure.	Unnyan International Bulletin of Management	Vol. X	287-302	January 2019	UGC Listed 2349-7165

			and Economics				
4	Prof. Monali Chatterjee	Bond with the Best: Evaluating Ruskin Bond as a Writer of Children's Literature	Bookbird: A Journal of International Children's Literature	Vol.57, No.1	50-52	January 2019	Scopus, Web of Science, EBSCO 1918-6983
5	Prof. Hardik Shah & Prof. Rajwinder Kaur	Impact of structural empowerment on organizational performance: 'empowerment – HR' interface	Int. J. Intelligent Enterprise	Vol.5, No.4	365-384	December 2018	Scopus, Web of Science, ABDC, UGC Listed 1745-3232, 1745-3240
6	Prof. Shreshtha Dabral	Case Study: Was It Worth Risking ?	Prestige International Journal of Management & IT- Sanchayan	Vol. 7, No.2	98-102	December 2018	2277-1689
7	Prof. Ashwini Awasthi	Use of Adjusting and Instructing Information in Product Harm Crisis Communication	Pacific Business Review International	Vol.11, No.4	86-96	October 2018	Indian citation Index 0974-438X
8	Prof. Samik Shome	Dynamic Fuel Pricing in India: An Event Study Methodology	International Journal of Management Studies	Vol.4, No.6	32-38	October 2018	UGC Listed 22490302
9	Prof. Avani Raval	Understanding Customer's view regarding electronic banking services at co-operative banks of Ahmedabad city	AJANTA – An International Multidisciplinary Quarterly Research Journal	Vol 7 , No.3	87-92	September 2018	UGC Listed 2277-5730
10	Prof. Dhyani Mehta	Public Expenditure and National Income of India: Investigating Wagnerian Law	International Journal of Management	Vol. 09	1-9	September 2018	UGC Listed 0976-6502
11	Prof. Dhyani Mehta	Causal Relation between Domestic Saving and Economic Growth: Evidence from Indian Economy	International Journal of Social Science and Economic Research	Vol.03, No.8	435-436-6	September 2018	UGC Listed 2455-8834

12	Prof. Tejas Shah	Conceptualising the framework for effectiveness of customer value co-creation in service innovation	International Journal of Services and Operations Management	Vol.31, No.1	121-136	August 2018	Scopus 1744 – 2389, 1744-2370
13	Prof. Rajesh Kumar Jain,	Review of FDA Warning Letters to Pharmaceuticals: Cause and Effect Analysis	Research Journal of Pharmacy and Technology	Vol. 11, No. 7	321-322 6	July 2018	Scopus, UGC Listed DOI: 10.5958/0974-360X.2018.00592.9
14	Prof. Dhiren Jotwani	Financial Development and Economic Growth: Governance of Financial Institutions	International Journal of Business Ethics in Developing Economies	Vol. 7, No.2	1-8	2018	

Other Publications (books, chapter in books, case studies, manual monograph, articles, etc.)

Books published

Sr.No.	Name of the Book	Year of Publication	Authors/Editors	ISSN/ISBN number	Publisher
1.	Research Frontiers in Human Resource Management and Marketing Management	2018	Prof. Nityesh Bhatt and Prof. Ritesh Patel	978-93-86724-694	Excel Publishers, New Delhi
2	Research Frontiers in Finance and General Management	2018	Prof. Nityesh Bhatt and Prof. Ritesh Patel	978-93-86724-70-0	Excel Publisher, New Delhi

Book Chapters

1. Mahesh K C & Raja, P. A.C., (2018). Statistical Modelling of Amount of Rainfall in Gujarat. In Panicker, A., Srivastava, S., Chaturvedi, S., and Brahmhatt, A.C (Eds.), Innovative Practices in Business, pp. 413-422, Billberry Studio.
2. Mahesh K C, (2018). Directional Data Analysis. In Laha, A. K. (Ed.), Advances in Analytics and Applications, pp. 21-30, Springer.
3. Unny, R. B. (2019). Improving transparency in government initiatives using Blockchain-Enablers and Challenges. In N. Bhatt & R. Patel (Eds.), Research frontiers in Marketing, Strategy, HRM and Information Management (pp. 44–51). Excel India Publishers.

4. Unny, R. B., & Kannabiran, G. (2019). Impact of Risk Management on the relationship between Planning, Control and Project Performance in Offshored IS projects. In S. Gopinath, R. K. Pati, & S. S. Padhi (Eds.), *Project Management in the Emerging World of Disruption* (pp. 310–321). Kozhikode: PMI Organization Centre Pvt. Ltd.
5. Unny, R. B., Mishra, G., & Bhatt, N. (2019). Strategies for improving cyber resilience of data intensive business information systems. In B. K. Mishra, R. Kumar, N. Zaman, M. Khari, & T. JoSo Manuel R.S (Eds.), *Handbook of E-Business Security* (pp. 285–312). Auerbach Publications.
6. Mishra, G., Unny, R. B., & Bhatt, N. (2019). Internet of Things (IoT) deployment in Wearable Healthcare: A Socio-Techno Evaluation. In B. K. Mishra, R. Kumar, N. Zaman, M. Khari, & T. JoSo Manuel R.S (Eds.), *Handbook of E-Business Security* (pp. 311–340). Auerbach Publications.
7. Unny, R. B., Mishra, G., & Makhija, D. (2019). Next Engineering: The Road Ahead? In *Business, Economy and Environment: The New Normal* (pp. 88–106). Himalaya Publishing House PVT. LTD.
8. Makhija, D. & Chugan, P.K. (2019). Applications of RFID technology: a study of manufacturing organizations. In S. Shome, P. Rijwani, & D. Danak (Eds.), *Business, Economy and Environment: The New Normal* (pp. 1-9). Himalaya Publishing House PVT. LTD.
9. Parashar, Sapna, (2019). A Review of Perception based factors influencing acceptance of Electronic Banking in Developing Economies in Marketing, Strategy, HRM and Information Management. 23-30. ISBN 978-93-88237-63-5.
10. “Technology advancement: an application of text mining” in “A Compendium of Ideas & Perspectives on Sustainable Development Goals”, B.K. School of Professional and Management Studies, Gujarat University, 2019 ISBN: 978-93-86644-50-3, Nishant Agrawal, Rajesh Kumar Jain
11. Meeting VUCA Challenges, 2019, Jain Rajesh Kumar, Himanshu Trivedi, in *VUCA Challenges: Sustainability through Quality*”, ASQ South Asia, ISBN 978-81-930216-4-4, pp 3-21
12. Sustainable Supply Chain in the world of VUCA, 2019, Jitendra Nenavani, Rajesh Kumar Jain, in *VUCA Challenges: Sustainability through Quality*”, ASQ South Asia, ISBN 978-81-930216-4-4, pp 27-38.
13. A Study of E-Commerce and SMEs’ Performance: An Empirical Evidence, Anurodh Singh Khanuja, Rajesh Kumar Jain, in *Research Frontiers in Finance and General Management*, Nityesh Bhatt, Ritesh Patel, pp 213-219, Excel Publishers, April 2018. ISBN 9789386724700.
14. Jain, Rajesh K. & Nenavani, Jitendra (2019) Re-examining the Role of Coordination Supply Chain, 15th Doctoral Research Conference in Management. (ANVESH) 5-6 April, 2019.
15. Parashar, Sapna and Sood, Gunjan (2019). A Review of Perception-based Factors Influencing the Acceptance of Electronic and Mobile Banking in Developing Economies. 15th Doctoral Research Conference in Management. (ANVESH) 5-6 April, 2019.
16. Shah, Tejas and Patel, Kaushik kumar Amrutlal (2019). Identifying Factors Impacting Deal Proneness, In *Business, Economy, and Environment: Corporate Perspectives*. Himalaya Publishing House. ISBN 978-93-5299-653-7.
17. Soni, Nirmal C, Shah, Khyati and Patel, Ritesh(2019). Cost Behaviour during Increased Competition in a Period: A Case Study, In *Business, Economy, and Environment: Corporate Perspectives*. Himalaya Publishing House. ISBN 978-93-5299-653-7.
18. Mehta, Bhoomi (2019) Analyzing Financial Performance of Microfinance Institutions in Gujarat in Current Environment. In *Business, Economy, and Environment: Corporate Perspectives*. Himalaya Publishing House. ISBN 978-93-5299-653-7.
19. Poturaju, Naresh and Poturaju, Vandana (2019). Testing the Profitability of Lunar Trading Strategy during the 2007 Global Financial Crisis in Nifty-50 Spot Market. In *Business, Economy, and Environment: Corporate Perspectives*. Himalaya Publishing House. ISBN 978-93-5299-653-7
20. Danak, Deepak (2019) Measurement of Value Creation: Future Directions for Research, In *Business, Economy, and Environment: Corporate Perspectives*. Himalaya Publishing House.

ISBN 978-93-5299-653-7.

21. Shome, Samik, and Goel, Pooja (2019). Commuter's Willingness Towards Using Organized Ride-hailing Services: A Case Study of India. In Business, Economy, and Environment: Corporate Perspectives. Himalaya Publishing House. ISBN 978-93-5299-653-7.
22. Chatterjee, Monali and Patel, Aakruti (2019) Integrated Reporting - Lessons from Early Adopters, Business, Economy and Environment: The New Normal (pp. 88–106). Himalaya Publishing House PVT. LTD.

Awards and Recognitions (Institute/Department/Faculty)

Faculty Achievements

Sr. No.	Name of the Faculty Awardee	Recognition/Honor/Award	Name of the Organization/Event	Award Category
1.	Prof. Sameer Pingle	Best Paper Award	Academy of Human Resources Development, Ahmedabad	First Prize
2.	Prof. Samik Shome, Prof. Dipak Ranjan	Best Paper Award	Entrepreneurship Development Institute of India, Gandhinagar	First Prize
3.	Prof. Sunita Guru	Best Paper Award	B. K. Institute of Management, Ahmedabad	Third Prize
4.	Prof. Nityesh Bhatt	Startup and ICT Awards for the Best Innovative use of E-Governance	Global Knowledge Research Foundation at Goa (During Second International Research Symposium on Computing and Network Sustainability 2018)	Memento
5.	Prof. Punit Saurabh	Best Paper Award	International Conference on Emerging Trends in Business Management Organised by Pune Institute of Business Management, Pune	Citation
6.	Prof. Krishna Kanabar	Best Paper Award	Behavior Change Communication in Swachh Bharat Mission: Analyzing the Role and Challenges	First Prize
7.	Prof. Subrat Sahu	Best Paper Award	Adoption of Mobile Technology in Emergency Medical Services: Theoretical Review & A Conceptual Framework	First Prize
8.	Prof. Sameer Pingle	Best HR Faculty Award	National Institute of Personnel Management, Kolkata	Others
9.	Prof. Sameer Pingle	Finalist-Nipm National HR Excellence Award	National Institute of Personnel Management, Pune	Others

Internal Resources Generated

(Consultancy, MDP/Prog. for industries, any other)

Management Development Programme (In -House) 2018-19

Sr. No.	Name of the Programme	Date	Programme Coordinator	Participants	Amount
1	Total Dealership Management Programme for Indian Oil Corporation Ltd.	August 23-24, 2018	Prof. Hardik Shah	25	2,50,000
2	Management Development Programme for Aga Khan Rural Support Programme (India)	October 23-24, 2018	Prof. Hardik Shah Prof. Harismita Trivedi	21	77,880
3	In-house Management Development Programme for NUVOCO	November 21-22, 2018	Prof. Hardik Shah Prof. Harismita Trivedi	21	77,880
4	Total Dealership Management Programme for Indian Oil Corporation Ltd.	December 06-07, 2018	Prof. Hardik Shah	28	2, 80,000
5	In-house Management Development Programme for NUVOCO	January 21-23, 2019	Prof. Hardik Shah	20	2,50,000
6	In-house Management Development Programme for Power Grid Company of Bangladesh Ltd. (An Enterprise of Bangladesh Power Development Board) (Financial Management & HR Management)	February 04-08, 2019	Prof. Hardik Shah	08	616640

Management Development Programme (Open) 2018-19

Sr. No	Name of the Programme	Date	Programme Coordinator	Partici pants	Amount
1	Data Analytics and Business Modelling Using MS Excel	December 01-02, 2018	Prof. Chetan Jhaveri	10	82, 600
2	Leadership Style and Skills	December 20-21, 2018	Prof. Harismita Trivedi	07	49,000

Executive Diploma Programme 2018-19

Sr.No.	Name of the Programme	Date	Programme Coordinator	No. Participants
1	Executive Diploma Programme in Operations Management	July, 2018 to April, 2019	Prof. P.K. Yadav	31
2	Executive Diploma Programme in Finance	July, 2018 to April, 2019	Prof. P.K. Yadav	19
3	Executive Diploma Programme in Marketing	July, 2018 to April, 2019	Prof. P.K. Yadav	19

Revenue Generated in:

Financial Year	Consultancy	Testing	Training	Other
2018-19	271188	--	1067279	3725176
2017-18	639646	--	1390600	3164678

Extension Activities/Community Services by Institute/Department**Managing Social Projects [MSP]**

With the objective of sensitizing the students to the larger social concerns, the Institute of Management offers a compulsory field course called “Managing Social Projects”. This year, the students worked on a live, action research project for Government of Gujarat.

The project, ‘Social Enterprise for Human Up-liftmen’ (SEHU), on Human Development Index had students working in 45 villages in Bhiloda and Himmatnagar talukas of Sabarkantha District.

Sr. No.	Name of Organization	Number of Students	Topic of Project
1	Netrutva Foundation	24	Survey of Financial Literacy
2	Humankind	21	Activities with community children
3	Sense International	21	Micromanagement, Social Awareness, Fundraising and People Engagement
4	Datri Foundation	22	Awareness Drive
5	Datri Foundation	21	Campaign for NIYA
6	St Xavier's Society	24	Learning about Lower income people Contribution to community
7	SAATH International	23	Commercial Application, Masonary module, Plumbing module, Electrician Module, Carpentry Module
8	Atman Foundation	20	Spreading awareness about cleanliness and traffic sense (College visits & Promotions)
9	Paryavaran Mitra	22	Paper Bag and Cloth Bag Project
10	Conflictorium	21	Outreach to Corporates, Schools & NGOs
11	Childline India Foundation	22	Awareness and volunteering at Ahmedabad station & phone testing
12	Times Foundation	23	Project Masoom, Pusti-ki-masti

Apart from fulfilling the original objective of social sensitization of MBA students from various parts of our country, this year’s live project also gave them an opportunity to contribute significantly to the development of HDI indices and community initiatives.

IV- Infrastructure and Learning Resources

The Institute has purchased the following equipment’s to strengthen the infrastructure and facilitate teaching-learning:

<u>Item</u>	<u>Quantity</u>
1. Collar-mikes	01
2. Projector	01
3. Projector(For Auditor)	01

Network and Internet Connectivity

The Computer Centre manages the IMNU network and is responsible for the availability of intercampus connectivity to all the Institutes, all the three hostels, and the Internet connectivity of IMNU community to the outside world.

Infrastructure at IMNU

The Wi-Fi network connectivity in all classrooms were completed, During the year, the total Internet bandwidth for campus users has been increased from 128 Mbps to 256 Mbps. All faculty members have been provided with laptop along with licensed software.

Hardware/Software Infrastructure

All service offerings at the Computer Centre are based on Windows Operating Software Systems. Computer Lab is equipped with 66 computer system to cater the need of student and faculty. The institute uses Microsoft software licensing programme. This allows the IMNU community to use most of the Microsoft Office Software programme.

The Computer Centre provides technical support to run the IP-based Security Surveillance Systems and Analog Surveillance System for the Security Section. The Computer Centre runs a Help Desk for all faculty and staff for helping them in hardware and software related problems.

Library-Learning Resources Added

Library – Learning Resources Added (as on date 31st March, 2019)

- New books/journals subscribed and their value:

Sr. No.	Institute	Titles Purchased (including lending and reference titles)		Reference Books Purchased		Print Journals Subscribed		E-Journals Subscribed	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost
1.	IMNU	1090	1412978	47	107669	221	1227327	12580	319605

V- Student Support and Progression

Cut-off percentage marks – category wise

The data related to admissions 2018-19 pertaining to various academic programmes are presented below:

Sr. No.	Name of Programme/s	No. of Applications Received	Appeared in Written Test	No. of Candidates Short listed for GD/PI	No. of Candidates Appeared in GD/PI	No. of Candidates Registered for the Programme
1	MBA (Full-Time)	2942	2933	1505	1070	260
2	MBA (FB&E)	147	147	129	129	61
3	BBA-MBA	1682	1663	378	193	127

The cut off marks for short-listing candidates for admitting to MBA (FT) was 80 percentile in CAT and for BBA-MBA programme 88 percentile in UGAT.

Student achievements

MBA Students

Name of the Participant	Name of the institute organizing the event	Name of the event taken part in	Description of Event	Starting Date of Event	Final Result	Appreciation
Abhishek Gupta	IIM-A	Badminton	It's national sports event in Top B-Schools from India Participate.	21/09/18	Winner	Certificate, Cash prize
Rahul Bhatti	IIM-A	Shaurya	National level Annual sports fest of IIM-A	21/11/18	Participation	Certificate
Akshay Jain	IIM-A	Shauryas	Sports fest	20/09/18	WINNER	Cash Prize and Certificate
Tanay Sharma	MICA	SAMAR, national level sports tournament	Basketball, Volleyball	15/02/19	Winners	Medal
Harshil Manwani	Institute of Law, Nirma University	AbhimaNu 2019	Abhima NU 2019 champions Nirma Cricket Team AbhimaNU is a flagship event of Nirma University ,where 18 other universities participate in total 3 sports i.e. Cricket, volleyball and Table Tennis	21/02/19	Winner	Medal and trophy
Harshil Manwani	Ahmedabad university	AUCC- Ahemdabad University Cricket Cup	AUCC 2019 Runners Up Nirma Cricket Team Ahmedabad University Cricket Cup is a flagship event of Ahmedabad University ,where 8 other universities participated	21/03/19	Runner up	Award and medal
Abhishek Gupta	MICA, IIM-A	Badminton (IIM-A), Cricket (MICA)	Both were national level event	15/02/19	Winner in both	Certificate and Cash Prize Worth ₹1k individually

Sushmit Sharma	IIM-A	The Red Brick Summit	Sustain - A national level Sustainable Management Event	30/09/18	Runner Up	10000Rs + Certificate
Harsha Chaturvedi	IIM-A	The Red Brick Summit	Sustain-A national level Sustainable Management Event	30/09/18	Runner up	10000Rs + Certificate
Rahul Bhatti	MICA	Samar	Annual Sports Fest including sports ranging from cricket, football, basketball, volleyball, badminton, lawn tennis, table tennis, and frisbee	15/02/19	Gold medal in Basketball, Cricket	Gold Medal, Cash Prize
Mohd Danish Nawaz	MICA	Basketball	Inter College Sports Fest	15/02/19	Winner	Certificate
Nikunj Kanodia	ILSASS	Encuesta	Quiz Competition	21/01/19	Winner	Certificate & Trophy
Deepanshu Vaya	MICA	Samar'19	Sports Fest of MICA	15/02/19	Winner	Gold medal
Nabila Fakhruddin	MICA, EDI, NIRMA	SAMAR 2019,	Annual Sports Meet (Table Tennis)	15/02/19	Winner	Gold Medal
Kottapurath M Umamaheshwaran	ILNU	Abhimanyu Inter University Sports Cup	Table Tennis	21/02/19	Winner - Gold	Cup, Medal
Parakram	Institute of Management, Nirma University		Parakram 2018 was a national level inter B-school Annual sports event, conducted from 29th September - 1st October, 2018. IMNU is the winner of the Parakram 2018	29/09/18	IMNU	Certificate & Trophy
Cric8 and smashes	Institute of Management, Nirma University		Smashes was an inter section badminton tournament and Cric8 was an intersection cricket tournament organised by	22/10/18	Cric8 - Brave hearts. Smashes - Brave hearts	Certificate & Trophy

			the sports committee. Brave hearts won both Cric8 and smashes.			
NCL(Nirma Champions league)	Institute of Management , Nirma University		NCL is an intra-institute multi sports event organised by the Sports committee. The sports included football, cricket, basketball, table tennis, carrom, chess, lawn tennis, volleyball, badminton and athletics. Bravehearts is the winner of NCL 2019.	12/01/19	Bravehearts	Certificate & Trophy

Value added courses

Enrichment /Value Added Programmes conducted by the Institute for MBA [Programmes]

Certification Programmes Conducted

Sr. No.	Name of Workshop	Date of Certification Programme	Name of Trainer/Firm
1	Six Sigma Green Belt Certification Program	August 11, 12, 18, 19, 2018	KPMG
2	Marketing Analysis and Financial Analytics	Dec 2018	KPMG
3	Workshop in “R” Programming for Managers	Nov 28-29, 2018	Mr. Neil Harwani, Tech and Train, Ahmedabad
4	Business English Certification (BEC) for MBA Programmes	August 2, 2018	TCS-ION, Ahmedabad
5	The Financial Accelerator Program	October 13, 14, 27, 28, 2018	The Money Roller Institute

Semester-wise/ Batch-wise Enrichment Course Details

Sr. No.	Batch	Div	Name of Workshop	Date of Workshop	Name of Trainer / Firm
1	2018-23	A	Time Management	25/03/2019 & 26/03/2019	Ms. Debjani Dass
2	2018-23	B	Time Management	29/03/2019 & 30/03/2019	Ms. Debjani Dass

3	2017-22	A	Personality Development	27/03/2019 & 28/03/2019	Ms. Beenoo Mukhi & Ms. Binita Parikh
4	2016-21	A	Business Etiquette	27/03/2019 & 30/03/2019	Ms. Anumeha Mathur

Seminar/Programmes

Workshop on Managing Social Projects

The MBA programme of the IMNU is aimed at preparing students to successfully face the managerial challenges in the corporate world. The Institute also simultaneously believes in its responsibility to the society at large and in its role as a catalyst of social change. “Managing Social Projects” has been conceived as part of the larger responsibility of the Institute towards the community. In this field course, students work in teams on a project with either a not-for-profit organization or any government intervention in the social sector or CSR initiative of a commercial organization. The aim of the course is to sensitize students to social realities and concerns and make meaningful contributions to the ground level operations of social organisations. The course begins with an orientation seminar involving guest speakers from the social sector. This is followed by identification of partner organisations and visits to their premises for sensitization. Projects for the students are identified jointly with the partner organisations which are then implemented over two semesters. A team of faculty coordinators are identified who mentor the students during their association with the organisations.

IMNU organized a one day workshop on August 1, 2018 to start and roll out its field course called “Managing Social Projects” (MSP). The Chief Guest of the workshop was Ms. Avni Sethi, Founder-Director Conflictorium, Ahmedabad. The other experts who shared their experience in the workshop were Ms. Binal Patel and Mr. Rafi Malik, Childline India Foundation, Ahmedabad; and Ms. Meena Patel from Solidarity Centre.

LIST OF PARTNER SOCIAL INSTITUTIONS - ACADEMIC YEAR 2018-19	
Netrutva Foundation	Atman Foundation
Humankind	Paryavaran Mitra
Jeevdaya	Times Foundation
Datri	Childline
St Xaviers	Conflictorium
GurjarVipassna Kendra	

Workshops

Sr. No	Name of Workshop	Date	Name of Trainer/Firm	No. of Participants	Programme
1	Workshops conducted during Induction programme by Cinque	23.06.18 to 24.06.18	Mr. Subrat Kumar, Cinque	264	MBA-FT-2018-20
2	Workshop on Grooming conducted by Trainers Joint	12.09.18 to 16.09.18	Trainers Joint	280	MBN-FT-2017-19 & IMBS-2014-19
3	Business English Certification (BEC Training Workshop) - personal interactive sessions	08.10.18 to 29.10.18	Sharanam Transformative Learning	274	MBA-FT-2018-20 & IMBA-2015-20
4	Summer Project Consolidation Workshop	19.10.18 to 21.10.18	HR Buddy	247	MBA-FT-2017-19

5	Summer Project Consolidation Workshop	30.10.18	In Posse - Possibilities aplenty	33	IMBA-2014-19
6	Training Programmes & Workshops (1st Phase)	09.03.19 to 10.03.19	Klarity	305	MBA-FT-2018-20 & IMBA-2015-20
7	Reflective Skills Training	16.03.19 to 17.03.19	In Posse - Possibilities aplenty	262	MBA-FT-2018-20
8	Reflective Skills Training	28.03.19	In Posse - Possibilities aplenty	47	IMBA-2015-20

Co-curricular activities organized

EVENTS

Sr. No	Event Name	Event Date	Club Name
1	Introduction to club/committees	7.7.2018	Student Welfare Committee(MBA)
2	Midnight Mania	9.7.2018 to 13.7.2018	Club XquizIT
3	Ice Breaking 2018	12.7.2018 to 14.7.2018	Sports Committee
4	APRATIM- The Talent Night	27.7.2018	The Cultural Committee
5	Mahadaan	31.7.2018	Rotaract Club
6	Brandwizer 2018	31.7.2018	NiCHE- The Marketing Club of IMNU
7	Dwand (Debating)	1-2August 2018	Karwaan
8	Festember	3.8.2018	Student Welfare Committee(MBA)
9	Break The Code 5.0	4.8.2018	OPTIMUS- The operation Club
10	Friendship Day	5.8.2018	Rotaract Club
11	Slam Dunk	6 to 8 Aug 2018	Sports Committee
12	Fresher's Night	8.8.2018	Abhivyakti (The BBA Cultural Committee)
13	Anveshan 6.0	9 to 13 Aug 2018	Club XquizIT
14	Junk to Jewel	14.8.2018	Swayam Club
15	Udaan	14.8.2018	Karwaan
16	Food Drive	15.8.2018	Mavericks- BBA Social Committee
17	Paradigm 3.0	16.8.2018	News Junction
18	Jam Session 1	16.8.2018	Club Fiesta
19	Treasure Hunt	16.8.2018	RCIMNU
20	Mulyankan	17.8.2018	Finesse
21	Fresh Mob	17.8.2018	Ritayan- Danu & Music Club of BBA
22	Litwit	18.8.2018	Sumantra- The Literary Club of IMNU

23	IGNITION 1.0	18.8.2018	Vichaar Dhaara- The Quiz and Debate Club
24	Showdown	20 & 21 Aug 2018	Expressions
25	Fintalk 1.0	21.8.2018	Finesse
26	Paint Ball	22.8.2018	Imprintz- The HR Club
27	Ignus 3.0	23.8.2018	Clique- The IT Club of IMNU
28	Thiruvonam	24.8.2018	The Cultural Committee
29	Exposure	27.8.2018	Pratikriti
30	Filmy Akhada	29.8.2018	Chehre- Drama Club IMNU
31	Nandotsav- The Janmashtami Celebtation	3.9.2018	The Cultural Committee
32	Guru Vandanam	5.9.2018	The Cultural Committee
33	Copa	2 to 5 Sep 2018	Sports Committee
34	Drop The Mic (Jaw Dance)	30.8.2018	Karwaan
35	Cloak & Dagger	30 & 31 Aug 2018	Rotaract Club
36	Guest Lecture- Mr. Sajan Shah	28.8.2018	Aditya Vat- Co Curricular Comm BBA
37	Theme Based Photography Competition	30.8.2018	Spinshot- Photography & film marketing club
38	Market Mayhem	4.9.2018	NiCHE- The Marketing Club of IMNU
39	LIFE SIZE 1.0	7.9.2018	Student Welfare Committee(MBA)
40	Jam Session 2	28.8.2018	Club Fiesta
41	Garba Workshop	3 & 4 October, 2018	Club Fiesta
42	Avighna Chaturthi	13.9.2018	The Cultural Committee
43	Lecture Seminar-1	2.9.2018	NiCHE- The Marketing Club of IMNU
44	Accounto Phobia	1.9.2018	Finesse
45	Teacher's Day Celebration	5.9.2018	Abhivyakti (The BBA Cultural Committee)
46	Accounto Phobia 1.1	6.9.2018	Finesse
47	Pragaman 3.0 (The Ent Conclave)	3 & 4 October, 2018	Swayam Club
48	E-Insight(1)	26.9.2018	Swayam Club
49	Parakram	29 Sep to 1 Oct, 2018	Sports Committee
50	Ranbhoomi	5 to 17 Oct 2018	NiCHE- The Marketing Club of IMNU
51	Guest Iecture- Session-2	27.9.2018	NiCHE- The Marketing Club of IMNU

52	Ice Breaker	18-9-2018	Khelnayak
53	Prop Shop	27.9.2018	Spinshot- Photography & film marketing club
54	Ye HichakKaisi	30.9.2018	Mavericks- BBA Social Committee
55	Nouvelles	10.10.2018	News Junction
56	Film Appraciation	27.9.2018	Deja View
57	RangeeeloRaas	11.10.2018	The Cultural Committee
58	Ingenium	16.10.2018	Imprintz- The HR Club
59	Joy of Giving Week	2 to 7 October, 2018	Nirmaan- The Social Club of IMNU
60	Vanijinka	11 to 16 October, 2018	Club XquizIT
61	Bizarre Bazaar	19.10.2018	Finesse
62	Tribute	5.10.2018	NSS & Rivista
63	Meme-O-Mania	7.10.2018	Quiz & Debate Club
64	Chakravayuh	23-24 October, 2018	Karwaan
65	TTT Workshop	21.10.2018	Media & PR Comm
66	Manthan	29.10.2018	Rotaract Club
67	Life @ IMNU	12.10.2018	Student Welfare Committee(MBA)
68	Battle of Surmival	12.10.2018	Deja View
69	Roomies	22.10.2018	Expressions
70	Monopoly	24. & 25 Oct 2018	Swayam Club
71	Mantavya	26.10.2018	Sumantra- The Literary Club of IMNU
72	Wisdom Valley	17.10.2018	Mavericks- BBA Social Committee
73	Zero Ping	22 to 24 Oct	Clique- The IT Club of IMNU
74	Smashes & Cric8	22 to 28 Oct	Sports Committee
75	Visit to Khodiyar Village	17-Oct-18	National Service Scheme
76	Life at IMNU Poster Competition	31.10.2018	Student Welfare Committee(MBA)
77	Roomies	1.11.2018	Expressions
78	Ops-Quotient	1.11.2018	OPTIMUS- The operation Club
79	Charisma	25.10.2018	Abhivyakti (The BBA Cultural Committee)
80	Carnival	26.10.208	Ritayan- Danu & Music Club of BBA
81	Shutterbug	31.10.2018	Pratikriti
82	Perspective Richter	5.12.2018	The Cultural Committee
83	KSHITIJ	26.10.2018	Imprintz- The HR Club
84	Fifa Champs	20.10.2018	Khelnayak
85	Advaiya	1 & 2 Nov 2018	Advaiya Club
86	Volleyball & Throwball	26.11.2018	Sports Committee

87	Student of the Year	17 to 20 Dec 2018	RCIMNU
88	Jam Session 3	20-Dec-18	Club Fiesta
89	Aarambh 18	21 to 23 Dec 2018	Student Welfare Committee (MBA)
90	NCL(Nirma Champions League)	01/10/2018	Sports Committee
91	Chai Pe Charcha	12/11/2018	Mavericks- BBA Social Committee
92	E-Insight- 2	19/12/2018	Swayam Club
93	Cyclothon	23/12/2018	Rotaract Club
94	Misletoe Mania	20-12-2018	Mavericks- BBA Social Committee
95	Sangharsh	3 to 9 Jan 2019	Khelnayak
96	Creative Cut	5 to 7 Jan 2019	Chehre- Drama Club IMNU
97	Deportes	10/01/2019	Club XquizIT
98	Street Smart	30,31, Jan & 1 Feb	Swayam Club
99	Alfaaz	8.1.2019	Spinshot- Photography & film marketing club
100	Movie Screening Wonder	07-Jan-19	Deja View
101	Uttarayan	14/01/2019	The Cultural Committee
102	Nirma Trading League	21.1.2019	Finesse
103	NirmaLandscape	21.1.2019 to 28.1.2019	Pratikriti
104	The Musical Charades	21.1.2019	Ritayan- Danu & Music Club of BBA
105	Business Tantra	15.2.2019 to 10.3.2019	Finesse
106	Udaan Run for Heart	27/01/2019	Mavericks- BBA Social Committee
107	Lohri	13/01/2019	The Cultural Committee

Alumni Association: Activities Supporting Students

Alumni Meets

The Institute of Management, Nirma University celebrated Alumni Day on 6th October, 2018. Around 200 alumni along with their family members attended the reunion. Alumni meets were held in 3 cities, namely Bangalore, Delhi, and Mumbai on 15th December 2018 wherein faculty and student interacted with the alumni and souvenirs were also distributed. The current course curriculum was discussed and feedback from alumni was taken. Pratidhwani - The Alumni Conclave was held on 8th February, 2019.

Admissions

To have an industry and alumni perspective in the selection process of candidates for admission in MBA Programme, the Institute has involved senior alumni as part of the admission interview panel. The initiative was appreciated and many of them showed interest to participate in many other events at IMNU.

The following alumni were involved as panel members for Admission Interviews during March and May 2018-19:

Sr. No.	Name	Designation	Name of Organization
1	Mitul Budhabhatti	Asst. General Manager	CARE
2	Naresh Golani	Senior Manager - Credit Analysis & Research	CARE
3	Deval Sarang	Corporate Sales Manager	HDFC Standard Life Insurance Company Ltd.
4	Somnath Bose	Associate Vice President - HR	HDFC Standard Life Insurance Company Ltd.
5	Shivani Vora	Sr. Associate Lead - Talent Acquisition	Infosys Ltd.
6	Harleen Sodhi	Lead – Talent Acquisition	Infosys Ltd.
7	Sapan Oza	Business Development Manager	Tata Consultancy Services Ltd.
8	Akshay Durugkar	Senior Analyst	EXL Service
9	Parthiv Shah	DVP	HDFC Bank
10	Debjyoti Sinha	Group Manager - International Business	Royal Enfield

Institute Lecture Series (Alumni)

Sr. No.	Name of Expert, Designation & Organization	Topic	Date
1	Mr. Saurav Gupta, Capgemini, Finance Controller	Finance Session	08.08.18
2	Mr. Maneesh Sharma, IBM India Pvt. Ltd., Senior Solutions Manager	Implementation and impact of emerging technologies.	08.02.19
3	Mr. Chintan Mehta, KPMG India, Associate Director	Implementation and impact of emerging technologies.	08.02.19
4	Mr. Rituraj Saxena, Yes Bank Ltd., Executive Vice President	Era of new age banking	08.02.19
5	Mr. Siddhant Tawarawala, Wide Need Pvt. Ltd., Founder & CEO	Aspects of entrepreneurship and qualities of a successful entrepreneur	08.02.19
6	Mr. Raj Joisar, Vishal Engineers & Galvanizers Pvt Ltd., Founder	Aspects of entrepreneurship and qualities of a successful entrepreneur	08.02.19
7	Ms. Shikha Shah, Fibre Labs & Co-Founder, Brew Sight LLP, Founder	Aspects of entrepreneurship and qualities of a successful entrepreneur	08.02.19
8	Mr. Debjyoti Sinha, Royal Enfield , Group Manager - International Business	Challenging status quos and developing a wide knowledge base.	08.02.19
9	Ms. Prerna Kapoor, Proeves, Director	Use of technical skills and data analysis in the field of HR.	08.02.19
10	Mr. Rathin Sengupta, Physical Research Laboratory, Head of Personnel	HR practices at government organizations have changed over a period of time and its importance in the sector.	08.02.19

11	Mr. Hemant Nitsure, Directus HR Services, Founder & CEO	Use of technical skills and data analysis in the field of HR.	08.02.19
12	Mr. Nishith Modi, Ronson Group, Director	How processes can be made efficient by the using the simplest of ideas.	08.02.19

Placements

The Institute has received considerable support from its Alumni in placing our students. The following Alumni were directly involved in the recruitment process as a member of the visiting team for campus recruitment.

Sr. No.	Name of Alumni	Designation	Name of Organization
1	Mitul Budhabhatti	Asst. General Manager	CARE
2	Naresh Golani	Analyst	CARE
3	Deval Sarang	Corporate Sales Manager	HDFC Standard Life Insurance Company Ltd.
4	Harleen Sodhi	Lead – Talent Acquisition	Infosys-BPO
5	Maneesh Sharma	Advisory Consultant	IBM India
6	Sapan Oza	Business Development Manager	Tata Consultancy Services Ltd.

Placements: Counselling and Training

Alumni are invited to share their industry experience with the students and help them choose the right career path. The initiative is also to provide a platform to the students to know the best practices in the industry and relate to the studies.

Faculty Guidance and Counselling Unit

The institute has a formal mentoring system; each faculty is assigned a group of students to advice/guide for the duration of their study on the campus. This ensures participation of the entire faculty team in the counselling process. The main purpose of mentoring is to provide opportunity to young people to share their concerns and get moral support and guidance for their overall development. It involves the following:

- Establishing a Relationship of Trust
- Modeling Behavioral Norms for the Young Person
- Listening to Personal and Job Concerns of the Young Persons
- Sharing Own Relevant Experiences thereby Making up for Experience
- Responding to the Emotional Needs of the Young Person without making him dependent on the mentor
- Building a long lasting informal relationship
- Creating awareness and clear perception on Managerial Behavior and Social work culture

Placement Services

Final Placements – Batch 2017-19

The institute like all previous years had impressive campus recruitments with over 85 companies visiting for final placements at the Institute of Management, Nirma University (IMNU). This season the campus witnessed 100% placements. While average or mean compensation package this year stood at Rs 8.7 lakhs per annum, median salary was Rs 9 lakhs per annum. The maximum salary (CTC) was

Rs.19.1 LPA offered by Abudawood AlSaffar Company W.L.L, Bahrain (ASC) in the FMCG sector.

Sector-wise, recruitments at IMNU this year were led by information & technology (IT) and banking, financial services & insurance (BFSI). Apart from them, firms from sectors like, automobile, analytics, consumer durables, manufacturing, FMCG, e-commerce, logistics, real estate, consulting, telecom and pharmaceuticals, among others participated in the placement process.

Some of the major recruiters included Adani Port, Amul, Axis Bank, Bharti Airtel, EXL Service, Federal Bank, HDFC Life, Heidelberg Cement, ICICI Bank, ICICI Prudential Life Insurance, Infosys, Johnson Controls-Hitachi, Kotak Mahindra Bank, KPMG, Novartis, SBI Life, Searce, Shopclues, TCS-BPS, Wipro, Zomato, Usha International, Lindstrom and Johnson Matthey, among others.

The institute also boasts of a 4600 strong alumni network serving in various organizations in leadership and senior management roles and engages them to mentor the students in various engagement platforms like alumni meets, conclaves, mock PI, guest lectures and student engagement programmes, to name a few.

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Outstanding Achievements and Important Activities

Institute of Pharmacy received 21st rank at all India level by NIRF 2019 (National Institutional Ranking Framework), MHRD (Ministry of Human Resource Development, Govt. of India.). Institute of Pharmacy along with Institute of Science received financial assistance of Rs. 5.0 crore to develop National facility for analytical characterization and biological evaluation of biosimilars by Department of Science and Technology [DST] under DPRP Scheme. The Institute has signed four International MoUs with reputed Institutes/Universities, namely Plovdiv University, Bulgaria; Changwon National University, South Korea; Massachusetts College of Pharmacy and Health Science - MCPHS University, Boston, USA; and University of Southern California, USA. Four national MoUs were also signed. BPharm Final Year student, Mr. Vandit Shah was selected for Internship Programme at Harvard Stem Cell Institute, Harvard University, Boston and he completed it during May 28 to August 16, 2018. MPharm (Pharmaceutical Chemistry) student, Mr. Harshil Shah received Khorana Scholarship from Department of Biotechnology (DBT) and Indo-US Scientific & Technical Forum (IUSSTF) for Summer Internship at University of North Carolina, USA for 10-12 weeks which includes a Round Trip Air-Fare, Stipend of 2500 USD and a Health Insurance of 500 USD. Institute had successfully organized 3rd National Conference (NCIP) on “Integrating Natural and Modern Medicines in Drug Discovery and Development” during January 24-25, 2019.

Dignitaries Visited

1. **Prof. Papadopoulos, Vassilios**, Dean, School of Pharmacy & Prof. Curtis Michael, Chief of International Business Development from University of Southern California, USA visited the Institute for collaboration on Aug 30, 2018.
2. **Prof. S. H. Ansari**, Professor, Department of Pharmacognosy and Phytochemistry, Jamia Hamdard University on September 25, 2018; **Prof. Inderpal Singh**, Professor, Natural Products, NIPER, Mohali on September 25, 2018; **Prof. M. N. Saraf**, Principal and Professor of Pharmacology at Bombay College of Pharmacy on June 7, 2019 and **Prof. Nilanjan Saha**, Professor, Department of Pharmacology, Jamia Hamdard University visited the Institute as External Expert on September 24, 2018.
3. **Dr. Rajender Reddy Leleti**, Head of Route Scouting, Supporting to Process and Medicinal Chemistry Services, Piramal Enterprises Ltd., Ahmedabad visited the Institute as Chief guest of Inauguration function and resource person of a National Seminar on RADD 2018 held on Sep 28, 2018.
4. **Dr. Rajesh Loriya**, Project Leader, O2h Discovery Solutions, Ahmedabad; **Dr. Pathik Brahmkshatriya**, Head, NCE Discovery, Adello Biologics Pvt. Ltd., Ahmedabad visited the Institute as resource person of a National Seminar on RADD 2018 held on Sep 28, 2018.
5. **Prof. Gerard D'souza** (Associate Professor of Pharmaceutics, Asst. Dean of Assessment and Accreditation School of Pharmacy MCPHS University) visited the institute to deliver lectures and interact with the students of the Institute on December 12-13, 2018 as a part of MoU signed between Nirma University and MCPHS University.
6. **Prof. Marco Lucio Lolli**, CEO, Beenext, UNiTo SpinOff, Department of Science and Drug Technology, University of Turin, Torino, Italy was invited as a Visiting Professor to the Institute during February 25-March 4, 2019.
7. **Dr. J. S. Yadav**, J .C. Bose Fellow, Director & Trustee, Indrasheel University, Mehsana and former Director IICT, Hyderabad was the Chief guest on the occasion of Foundation day 2018 celebration on October 1, 2018.
8. **Dr. Sanjay Mandhane**, Associate Vice President, Pharmacology, SPARC was the chief guest in a CCE Workshop on “Experimental animal models and drug evaluation techniques” on

February 19, 2019.

9. **Dr. Vinod Tiwari**, Asst. Professor, Dept. of Pharmaceutical Engineering and Technology, IIT, BHU visited the Institute as a speaker during CCE Workshop on “Neuropharmacological Evaluation of Drugs: Application of Stereotaxic Surgery and Behavioral Assessment” on August 31, 2018.

The following dignitaries visited Institute of Pharmacy during Institute Advisory Committee (IAC) Meeting on March 23, 2019:

10. **Prof. A. K. Chakraborti**, Professor and Head, Department of Medicinal Chemistry, and Dean, National Institute of Pharmaceutical Education and Research (NIPER), Mohali.
11. **Dr. Kiran Kalia**, Director, NIPER, Ahmedabad.
12. **Dr. Mukul R. Jain**, Senior Vice President-Pharmacology, Head, Nonclinical Research & Development Zydus Research Centre, Cadila Healthcare Limited.
13. **Dr. Shiv Prakash Ratnam**, Synchron Research Services Private Limited, Ahmedabad.
14. **Prof. P.R. Vavia**, Professor, Pharmaceutical Sciences and Technology, ICT Mumbai.
15. **Dr. Jyoti Paliwal**, Director, PhaEx Consulting, Gurugram.

The following dignitaries visited Institute of Pharmacy during ISTE approved STTP entitled “Innovation and New Techniques for the treatment of Cancer, Diabetes and Neurodegenerative Disorders” during June 30-July 13, 2018:

16. **Dr. Anil Kumar Mishra**, Scientist G, Additional Director, INMAS-DRDO, Delhi as Chief guest of Inauguration programme.
17. **Dr. Vandana Patravale**, Professor, ICT, Mumbai.
18. **Dr. Anamik Shah**, Vice Chancellor, Gujarat Vidhyapith, Ahmedabad.
19. **Dr. Jayashankar Das**, Joint Director, Gujarat Biotech Research Centre, Gandhinagar.
20. **Dr. Shiva Chettiar**, Research Director, Gene Explore-Diagnostic and Research Centre, Ahmedabad.
21. **Dr. Suresh Jadav**, Executive Director, Serum Institute, Pune.
22. **Dr. Darshana Thakkar**, Obstetrician-gynecologist, Sarjan Healthcare, Ahmedabad.
23. **Dr. Gauri Shankar Sa**, Professor, Bose Institute, Kolkata.
24. **Dr. Deepak Barot**, Director, Prerna Biotech, Gandhinagar.
25. **Dr. Sandip Shah**, CEO and Laboratory Director, SUPRATECH Laboratory, Ahmedabad.
26. **Dr. Nilanjan Roy**, Director, ARIBAS, Anand.
27. **Dr. Vinod Burade**, Deputy General Manager, Sun Pharma, Vadodara.
28. **Dr. R. K. Goyal**, Vice Chancellor, DIPSAR, Delhi.
29. **Dr. Mukul Jain**, Sr. Vice President, Zydus Research Centre, Ahmedabad.
30. **Dr. L. P. Kashyap**, Director, Shipra Diagnostics, Ahmedabad.
31. **Dr. Banshi Saboo**, Diabetologist, Diacare Clinic, Ahmedabad.
32. **Dr. Vandana Modi**, Head, Phytochemistry, Cadila Pharma, Ahmedabad.
33. **Dr. Kamallesh Sarkar**, Director and Scientist G, NIOH, Ahmedabad.
34. **Dr. Krishnapriya Mohanraj**, Head and Professor, Department of Pharmaceutical Analysis, Bombay College of Pharmacy, Mumbai.
35. **Dr. Chirag Desai**, Oncologist, Director, Vedanta Institute of Medical Science, Ahmedabad.

Following dignitaries visited Institute of Pharmacy for orientation programme for MPharm New Entrants during July 18-24, 2018 and BPharm New Entrants during Sep 20-26, 2018:

36. **Dr. Ketan Patel**, Chairman & Managing Director, Troikaa Pharmaceuticals Limited.
37. **Mr. Kaushik Shah**, Director, Sushen Medicamentos Private Limited.

38. **Prof. Saranjit Singh**, Professor and Head, Pharmaceutical Analysis, NIPER, Mohali.
39. **Prof. Nand Kishore**, Professor, Department of Chemistry, IIT Bombay, Mumbai.
40. **Prof. Krishna R. Iyer**, Professor, Bombay College of Pharmacy, Mumbai.
41. **Dr. Ashok Omray**, President, Ideal Cures Pvt. Ltd. Mumbai.
42. **Dr. Bipin Pandey**, Director, NFDD Complex, Department of Chemistry, Saurashtra University, Rajkot.
43. **Dr. M. T. Chhabria**, Principal, L. M. College of Pharmacy, Ahmedabad.
44. **Dr. Anil Khatri**, Director, Thalassemia Jagruti Foundation, Pediatrician, Jeevandeep Hospital, Ahmedabad.

Following dignitaries visited the Institute as resource person for PCI sponsored Continuing Education Programme for Pharmacy Teachers during from Sep 24-26, 2018:

45. **Dr. Mahadev Rao**, Professor & Head, Department of Pharmacy Practice, MCOPS, Manipal Academy of Higher Education, Manipal.
46. **Dr. Bala Prabhakar**, Dean, SPPSPTM, Head, Department of Pharmaceutics, SVKM's NMIMS, Mumbai.
47. **Dr. Shreedhar Pai**, Professor and Head, Department of Pharmacology, MCOPS, Manipal Academy of Higher Education, Manipal.
48. **Dr. P. G. Shotriya**, Elite Consultancy Services, Ahmedabad.
49. **Dr. Javed Ali**, Associate Professor, Pharmaceutics School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi.
50. **Prof. Rajesh Chandwani**, Associate Professor, Human Resource Management, Indian Institute of Management, Ahmedabad.

Following dignitaries visited the Institute during National Conference NCIP 2019 as resource person or as chief guest during January 24-25, 2019:

51. **Dr. G. N. Singh**, Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Govt. of India.
52. **Dr. Gopal Kundu**, Director (I/c), National Centre for Cell Science, Pune.
53. **Dr. Anil K Mishra**, Scientist "G", Molecular Imaging and Research Centre, Institute of Nuclear Medicine and Allied Sciences, Delhi.
54. **Prof. K. S. Laddha**, Professor of Pharmacognosy, Institute of Chemical Technology, Mumbai.
55. **Prof. A. K. Chakraborti**, Professor and Head, Department of Medicinal Chemistry, and Dean, National Institute of Pharmaceutical Education and Research (NIPER), Mohali.
56. **Dr. Suresh Patankar**, Chairman, Department of Urology, ACE Hospital and Research Center, Pune.
57. **Prof. Krishnapriya Mohanraj**, Vice Principal (Administration and Strategy), Professor, Department of Pharmaceutical Analysis, Bombay College of Pharmacy, Mumbai.
58. **Prof. Javed Ali**, Professor (Pharmaceutics), School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi.

I- Curricular Aspects:

New Interdisciplinary Courses:

Institute of Pharmacy, Nirma University has initiated “**Executive programme in Pharmaceutical Management**” for working professionals in pharmaceutical sector. This highly focused executive programme is designed keeping in mind target professionals who get a unique opportunity to upgrade their knowledge with continuation of service. The programme is comprehensive, well balanced and designed to allow candidates to interact with eminent faculties, renowned experts of pharmaceutical

industries and entrepreneurs on key issues influencing pharmaceuticals and health science sector. The programme aims at augmenting knowledge and acquiring analytical skills which helps in better managing various process related to pharmaceutical product development in relevant areas. The programme is conducted on Sundays to provide the conducive environment, formal learning to the working professionals with a comfort of schedule and convenient time for studies.

No. of Courses Where Major Revision is made:

The courses and the teaching and examination scheme of B. Pharm. Sem V and VI were designed as per the norms prescribed by the Pharmacy Council of India (PCI).

Any Other Initiative/Innovation in Curricular Design:

Academic Regulations as per PCI has been implemented in B. Pharm.

II- Teaching-Learning and Evaluation

Faculty Completed/Pursuing Ph.D

- Ms. Palak K. Parikh is pursuing Ph.D. from Nirma University on the topic “Design, Synthesis & Biological Evaluation of Substituted Heterocyclic Compounds as Anticancer Agents” under the guidance of Prof. Manjunath D. Ghate.

Innovation in Teaching - Learning & Evaluation

- Policy for M.Pharm. Course “Journal Club” was prepared and implemented.
- Policy for “Tutorial” was prepared.
- Dr. Nrupesh Patel took assignment for M.Pharm Semester II students using Google class room.
- Dr. Nagja Tripathi took assignment of B.Pharm. Sem IV students using Google Classroom.
- Dr. Niyati Acharya uses Google classroom for the elective course “Nutraceuticals” for B. Pharm Semester VII students for submission and assignments.
- Dr. Niyati Acharya organized a special hands on session on “Effective utilization of E-Resources” for research and projects in association with Library, Institute of Pharmacy for M. Pharm Semester III students for the course Research Methodology and Biostatistics on September 28, 2018.
- Dr. Dipal Gandhi used ICT tools for the submission of assignments in semester V for the subject Natural Pharmaceutical Agents.
- Dr. Jigar Shah used “Free writing” concept as one of the ICT tools for B. Pharm. Sem. IV students for the subject of Pharmaceutical Microbiology.
- Dr. Niyati Acharya conducted Open Book Examination in the course of “Nutraceuticals” for B. Pharm. Sem. VII in October 2018.
- Dr. Bhoomika M. Patel conducted Open Book Examination in the course of “Clinical Pharmacy” for B. Pharm. Sem. VII in November 2018.
- Dr. Dipal Gandhi used ICT tools for the submission of assignments in B.Pharm., Semester V for the subject of Natural Pharmaceutical Agents.
- Dr. Bhoomika M. Patel organized debate for B. Pharm. Sem VIII for the course of “Pharmacotherapeutics” in February-March 2019.
- Dr. Dipal Gandhi used Google classroom for submission of assignments in a form of poster for B. Pharm Semester I students.
- Dr. Nagja Tripathi used Google Classroom for submission of assignments in the form of power point presentations for B.Pharm. Sem IV students.
- Dr. Jigar N. Shah adopted “Group Presentation” as teaching-learning methodology for university elective subject “Drug Laws” opted by students of Institute of Law, Institute of Technology and Institute of Management of Semester VI.

- Dr. Jigar N. Shah adopted “Google Classroom” platform as teaching-learning and evaluation activities for university elective subject “Drug Laws” opted by students of Institute of Law, Institute of Technology and Institute of Management of Semester VI.
- Dr. Niyati organized a special hands-on session on Formulation development of cream and gel for University elective course Cosmetic Technology on March 25, 2019.

Activities to Sustain Healthy Practices

- Written feedback to students for performance in written examination
- Fortnightly online reporting of M.Pharm students doing dissertation in Industry/ Hospital.
- Conducting Instrumentation workshop for outside B.Pharm students
- Initiating digital marketing/ social media approach for strengthening admission of diversified students
- Use of plagiarism checking for all scientific documents

Interdisciplinary Student Projects

- Dr. Shital Butani, Associate Professor, Institute of Pharmacy, Nirma University received Major Research Project worth Rs. 20,78,250/- in collaboration with Dr. Akshay Vaid, Facilitation Centre for Industrial Plasma Technologies, IPR on project entitled “Exploring non-equilibrium atmospheric plasma for effective sterilization including biological safety aspects” from Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, Government of India for the duration of April 2018 to March 2020. Dr. Priti Mehta and Dr. Snehal Patel are co-investigators.
- Dr. Shital Panchal along with Dr. Sarat Dalai, ISNU; Ar. Sharad Panchal, IAPNU; Dr. Charmy Kothari, IPNU; Dr. Vijay Kothari, ISNU; Dr. Umang Mishra, Dept. of Health and Family Welfare, Govt. of Gujarat; are working on the determination of the prevalence of anemia in preschool children. They have received a major research grant entitled “Epidemiology of anemia in Pre-school Tribal Children of Eastern Gujarat with Reference to Etiology, Pathophysiology and Nutritional impact” worth Rs. 18,60,000/- from Indian Council for Medical Research (ICMR).
- Dr. Priti Mehta (Principal Investigator), Dr. Snehal Patel (Co-Principal Investigator) working in collaboration with Dr. Sonal Bakshi (Co-Principal Investigator) from Institute of Science on a major research project on topic “Evaluation of radioprotective potential of medicinally important Indian bamboo plants in cancer” worth Rs. 42,12,250/- from Ministry of AYUSH for the period of 2016-2019.

Number of Faculty Development Programmes Availed by Faculty

1. All the faculty members attended the ISTE approved two weeks Inter-disciplinary Short Term Training Program on “Innovations and New Techniques for the Treatment of Cancer, Diabetes & Neurodegenerative Diseases” from June 30 to July 13, 2018 under the Auspices of Centre for Quality Assurance and Academic Development (CQAAD) cell held at Institute of Pharmacy, Nirma University.
2. All faculty attended the two days workshop on “Scientific Writing Clinic” organized by the Institute under the banner of IQAC-I during December 20-21, 2018.
3. Dr. Dhaivat Parikh and Dr. Nrupesh Patel attended the Continuing Education Program organized by the Institute for Pharmacy Teachers on the theme of “Teaching Learning Processes and Innovative Pedagogical Tools in Pharmaceutical Sciences” from September 24-26, 2018 sponsored by Pharmacy Council of India.
4. Dr. Dipal Gandhi attended training programme on “Change your image, change your life” organized by Ahmedabad Management Association. Ms. Swampa Sai, certified image consultant and soft skill coach conducted the training programme from July 23 to August 4, 2018.

5. Dr. Bhumika D. Patel attended two days Seminar on “Nuclear Magnetic Resonance (NMR) Spectroscopy: Concepts and Applications” jointly organized by Department of Chemistry, School of Sciences, Gujarat University and Oxygen Healthcare Research Pvt. Ltd., Ahmedabad at Gujarat University on August 24-25, 2018.
6. Dr. Nagja Tripathi attended a two week Faculty Orientation Programme organized by CQAAD, Nirma University during December 17-31, 2018.
7. AOL intended discussion cum workshop was arranged for in-house faculty members during January 22-23, 2019.

Number of Faculty Development Programmes Organized by the Institute

1. Institute has organized ISTE approved two weeks Inter-disciplinary Short Term Training Program on “Innovations and New Techniques for the Treatment of Cancer, Diabetes & Neurodegenerative Diseases” from June 30 to July 13, 2018 under the auspices of Centre for Quality Assurance and Academic Development (CQAAD) cell.
2. Institute organized a Continuing Education Program for Pharmacy teachers on the theme of “Teaching Learning Processes and Innovative Pedagogical Tools in Pharmaceutical Sciences” from September 24-26, 2018 sponsored by Pharmacy Council of India.
3. Department of Pharmaceutics organized a Seminar cum workshop on “Hands-on-Training on Formulation and Characterization of Nanoparticulate Drug Delivery Systems” on September 29, 2018, under the Centre for Continuing Education, Nirma University.
4. Department of Pharmacognosy organized a workshop on “Neuropharmacological Evaluation of Drugs: Application of Stereotaxic Surgery and Behavioral Assessment” on August 31, 2018 under the aegis of CCE, Nirma University.
5. Department of Pharmaceutical Chemistry organized GUJCOST Sponsored 5th National Seminar on “Recent Advances in Drug Discovery” on September 28, 2018.
6. Institute organized two days workshop on “Scientific Writing Clinic” under the banner of IQAC-I for all faculty members and research scholars of IPNU and ISNU during December 20-21, 2018.
7. Department of Pharmaceutical Analysis organized a one day workshop on “Hands on Training for Sophisticated Instruments” under the banner of CCE, Nirma University on December 28, 2018.
8. Institute of Pharmacy organized 3rd National Conference (NCIP) on “Integrating Natural and Modern Medicines in Drug Discovery and Development” during January 24-25, 2019.
9. Department of Pharmacology organized one day workshop on “Experimental Animal Models and Drug Evaluation Techniques” in association with Centre for Continuing Education (CCE), Nirma University on February 19, 2019.
10. Department of Pharmaceutical Chemistry organized one day workshop on “Computer Aided Drug Design Software” in association with Centre for Continuing Education (CCE), Nirma University on February 16, 2019.
11. Public lecture of Dr. Marco L. Lolli, Aggregate Professor, Department of Science and Drug Technology, University of Turin & CEO at Beenext s.r.l., Torino, Italy was organized on the topic “Malaria: An Historical Perspective” on March 2, 2019.

Invited/Endowment Lectures

Expert Lectures delivered by resource person:

1. Dr. Bipin Pandey, Director, Center of Excellence, Saurashtra University delivered a guest lecture on “Basics of Carbonyl Chemistry” on April 4, 2018 to B.Pharm. semester II and IV students.
2. Dr. Anupama Ramkumar delivered a guest lecture on “Pharmacovigilance- beyond reporting ADRs!” on April 18, 2018 to M.Pharm Semester-II and B.Pharm Semester-VIII students.

3. Dr. Prerak Shah, Founder, AYULINK, Ahmedabad delivered a guest lecture on "Importance of Ayurveda in Healthcare system" on April 25, 2018 to B.Pharm. Sem VIII students.
4. Dr. Prinesh Patel, Mass Spectrometry Specialist, Waters India Pvt Ltd. delivered a guest lecture on "Mass Spectrometry and Hyphenated Techniques" on April 21, 2018 to M.Pharm Semester-II students.
5. Dr. Prinesh Patel, Mass Spectrometry Specialist, Waters India Pvt Ltd. delivered a guest lecture on "Chromatography- Basics and Applications" on April 21, 2018 to B.Pharm Semester-VI students.
6. Dr. Chaitanya Bhatt, Director, YDIK Nature Care Products Pvt. Ltd., Ahmedabad delivered a guest lecture on "Standardization of Herbal Drugs: an Industrial Perspective" on April 12, 2018 to B.Pharm. Sem IV students.
7. Dr. Ramesh Reddy, AGM, Regulatory Affairs, Amneal Pharmaceuticals delivered a guest lecture on "Quality, safety and legislation for herbal products in India, USA and European Union" and "USA: U.S. regulations for manufacture and sale of nutraceuticals and dietary supplements" on April 27, 2018 to M.Pharm. Sem II and Sem IV students.
8. Dr. Mahesh Chhabria, Principal, L.M. College of Pharmacy, Ahmedabad delivered an expert talk to B. Pharm Semester V students on "Basics of Drug Discovery and Development" on July 21, 2018.
9. Dr. Bipin Pandey, Director, Centre of Excellence, Department of Chemistry, Saurashtra University, Rajkot delivered an expert talk to B.Pharm. Semester III students on "Importance of Organic Chemistry in Pharmaceutical Field" on August 28, 2018.
10. Ms. Dipa Mehta, ex Senior Research Scientist, Intas Pharmaceuticals Ltd delivered an expert talk to "Basics of Clinical Trials" to B.Pharm Semester-VII students on August 29, 2018.
11. Dr. Mukesh Gohel, Research Director, Anand Pharmacy College delivered a talk on "Interpretation of Regression Analysis in factorial Design" to M.Pharm (Pharmaceutics) students on August 30, 2018.
12. Mr. Vipin Sharma, Head GMP Compliance, M/S Doshi Consultants Pvt. Ltd., Ahmedabad delivered an expert talk to for B.Pharm semester VII and M.Pharm semester-I students on "Regulatory cGMP and Data Integrity Principles" on September 1, 2018.
13. Ms. Dipa Mehta, ex Senior Research Scientist, Intas Pharmaceuticals Ltd delivered an expert lecture for the M.Pharm semester-I students on Regulatory Affairs on September 4, 2018.
14. Ms. Riddhi Doshi and Mr. Rohit Jain, Regulatory Consultant, Sarjen Systems Pvt. Ltd., Ahmedabad delivered expert lecture for the M.Pharm semester-I students and Ph.D. Scholars on September 18, 2018.
15. Dr. Bharat Doshi, CEO, Biodev Services, Ahmedabad delivered an expert talk to M.Pharm. Semester I students on "Clinical Trial Industry-An Overview" on September 25, 2018.
16. Dr Sanjeevkumar, VP, Biologics, Zydus Healthcare, delivered a guest lecture for M. Pharm students on "Determining analytical biosimilarity for monoclonal antibody based products" on September 1, 2018.
17. Dr. Amit Joharapurkar, General Manager at Zydus Research Centre delivered a Guest lecture to M.Pharm Pharmacology students on "New strategies for treatment of Parkinson's and Alzheimer's disease" on October 26, 2018.
18. Shri M. M. Shankar, Technical Expert of Statistical Software, Systat Software Company delivered an expert talk on "Overview of Systat Software for Statistical Data Analysis" on November 20, 2018 to M.Pharm. and PhD students.
19. Dr. Heena Dave, Assistant Research Scientist, Directorate of Research & Innovation, Nirma University delivered an expert lecture on "Gene Therapy and Genomics" to M.Pharm Pharmacology Semester I students on November 26, 2018.
20. Dr. Anuama Ramkumar, CEO & Principal Consultant, Arkus Research Pvt. Ltd, Ahmedabad delivered a guest lecture on "Medical Writing" to M.Pharm students on December 20, 2018.
21. Dr. Amir Popat, Faculty of Pharmacy, University of Queensland, Australia delivered a guest

- lecture on “Mesoporous nanoparticles as Drug Delivery Systems” to M.Pharm. and Ph.D. students on January 8, 2019.
22. Dr. Amir Popat, Faculty of Pharmacy, University of Queensland, Australia delivered a guest lecture on “Pharmacy Career Opportunities in Australia” to Final year B. Pharm. students on January 8, 2019.
 23. Dr. Jitendra Patel, Former Associate Director of Clinical Science, Astrazeneca Pharmaceuticals Company, USA delivered an expert lecture on “Clinical Research in USA” on February 4, 2019.
 24. Dr. Pratik Thakkar, Auckland University, Netherland delivered an expert lecture on "Post Stroke Hypertension: Beneficial or Harmful" for M.Pharm Sem I and B.Pharm Sem VI students on February 21, 2019.
 25. Dr. Sunita Goswami, Associate Professor, L. M. College of Pharmacy, Navrangpura, Ahmedabad delivered an expert lecture on “Clinical Trial Design in Clinical Research" to M.Pharm students on February 20, 2019.
 26. Prof. R. K. Goyal, Vice Chancellor, DIPSAR, New Delhi delivered an expert lecture for M.Pharm Pharmacology Semester-II and IV students on January 21, 2019.
 27. Dr. Bharat Doshi, CEO, Biodev clinical services, Ahmedabad delivered a guest lecture on “HEOR: An Overview” to M.Pharm. Students on February 7, 2019.
 28. Prof. Vinod Tiwari, IIT-BHU delivered an expert lecture on “Peripheral nocicepters: An attractive target for the treatment of Neuropathic pain” on February 25, 2019 to B. Pharm Sem VIII and M. Pharm students.
 29. Ms. Disha Pandya from Zydus wellness Ahmedabad delivered an expert lecture on “Classification of Cosmetics” for University elective course: Cosmetic Technology” on January 29, 2019.
 30. Dr. Pragna Shelat, HOD, Dept. of Pharmaceutics, KBIPER, Gandhinagar delivered an expert lecture on “Cosmetics and Cosmeceuticals” on March 26, 2019 for University elective course Cosmetic Technology.

Delivered by Faculty:

31. Prof. Manjunath Ghate was invited as Visiting Professor for the course of Medicinal Chemistry at Southwest University, Chongqing, China in May-June 2018.
32. Dr Priti Mehta was invited as a resource person to deliver talk on ‘Dissolution controlled salt formation - A potential approach for the development of injectable pharmaceutical dosage form’ in 3rd International Conference on Nano materials; Synthesis, Characterization and Applications at Mahatma Gandhi University, Kottayam on May 11-13, 2018.
33. Dr. Tejal Mehta was invited as a resource person under Domain Knowledge Training based on the theme “Augmenting Teaching, Learning and Research” at Ramanbhai Patel College of Pharmacy on topic "Ethics in Research " on June 22, 2018.
34. Dr. Manjunath D. Ghate was invited as a speaker in 7th International Conference on DNA Technology, Chong-Quing, China during June 1-4, 2018.
35. Dr. Tejal Mehta was invited to deliver lecture on "Implementation of Quality by Design in Pharmaceutical Research: Need or Mandate? in GUJCOST sponsored STTP on “QbD: Academic and Industrial Perspective” on August 13, 2018 at Dept. of Pharma. Sciences, Saurashtra University, Rajkot.
36. Dr. Priti Mehta delivered a talk entitled ‘How to prepare impressive poster for presentation” to Ph D. students of Institute of Law, Nirma University on August 13, 2018.
37. Dr. Manjunath D. Ghate delivered a lecture on “Technology Transfer Opportunities in Pharmacy, Biotechnology and Health” organized by Gujarat Chamber of Commerce and Industry on August 21, 2018.
38. Dr. Dhavit Parikh was invited to deliver expert talk on "Tips on Powerpoint Presentation and Animations" at Department of Pharmacy, Sumandeep Vidhyapeeth, Piparia, Vadodara on August 22, 2018.

39. Dr. Tejal Mehta was invited to deliver a lecture on "Current & Future perspectives of Metallic nanoparticles in Cancer therapy" in Continuing Education Program for Pharmacy Teachers on "Current Advances in Pharmaceutical Research and Teaching Methodologies" organized by B. K. Mody Government Pharmacy College, Rajkot sponsored by Pharmacy Council of India, New-Delhi on August 29, 2018.
40. Dr. Niyati Acharya delivered a talk on Experimental screening models for Alzheimer's diseases in the workshop on "Neuropharmacological Evaluation of Drugs: Application of Stereotaxic Surgery and Behavioral Assessment" on August 31, 2018 organized by Dept. of Pharmacognosy under CCE, Nirma University.
41. Dr. Hardik Bhatt delivered talk on "Transition Required in Indian Pharmacy Education: Teaching – Learning – Self Experimenting" at Pharma Confex 2018 - 5th National Conference on Pharmacy and Allied Industry organized by Saket Projects Ltd., at Ahmedabad Management Association on September 14-15, 2018.
42. Dr Priti Mehta delivered a talk entitled "Possibility of Interdisciplinary research between Institute of Technology and Institute of Pharmacy" at Institute of Technology on September 15, 2018.
43. Dr. Tejal Mehta delivered a talk on "Bioavailability & Bioequivalence-Method of measurement & Enhancement" in GUJCOST sponsored National seminar on Concept of Dosage form designing-An Industrial Perspective on September 28, 2018 organized by Sardar Patel Pharmacy College, Bakrol.
44. Dr. Tejal Mehta delivered a talk on "Drug disposition and In-vitro permeability evaluation techniques" on October 22, 2018 in Industry-Institute Workshop at Dept. of Pharma. Sciences, Saurashtra University, Rajkot.
45. Dr. Tejal Mehta was invited to deliver talk on "Innovations in Nano carrier based drug delivery systems" in Labotica Conference 2018 based on Knowledge and Sharing, October 27, 2018 at Gujarat Convention Hall, Ahmedabad.
46. Dr. Tejal Mehta delivered a talk on "Prognosticating approaches for effective delivery of natural agent in management of Breast Cancer" during ICMR & GUJCOST Sponsored National Seminar "Novel Drug Delivery System: Unlimited Frontiers for Lifestyle Disorders" on October 26-27, 2018 organized by ITM College of Pharmacy, Baroda.
47. Dr. Niyati delivered a talk at the two days refresher course for registered pharmacist sponsored by Gujarat State Pharmacy Council, Ahmedabad at SSR College of Pharmacy, Silvassa on October 27, 2018.
48. Dr. Niyati Acharya delivered a talk at ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat in Winter School on "Processing Value Addition and Waste Utilization of Medicinal and Aromatic Plants with Advance Techniques" on Dec 07, 2018.
49. Dr. Niyati Acharya was invited as Co-chair and Judge in International Conference on Herbal Medicines: Research and Commerce – Global Perspectives from December 27-29, 2018 organized by LMCP Ahmedabad.
50. Dr. Shital Butani delivered an invited talk as resource person on "Novel technologies to develop dosage forms for lipophilic drugs: A case study" in GUJCOST sponsored National Conference on "Nanoscitech Frontiers and Challenges in Biomedical Sciences" at Parul Institute of Pharmacy, Parul University, Vadodara during January 3-4, 2019.
51. Dr. Tejal Mehta delivered a lecture on "Quality Risk Management in Pharmaceutical Industry" at FDP sponsored by All India Council for Technical Education (AICTE) and Gujarat Technological University (GTU) from March 15-19, 2019.
52. Dr. Tejal Mehta delivered a lecture on "Regulatory consideration for storage of Pharmaceuticals" in two day refresher course for registered pharmacists at N.M. Padaliya Pharmacy College, Ahmedabad on March 17, 2019.
53. Dr. Tejal Mehta delivered a lecture on "Approaches for Assessing Learning Outcomes" at L. M. College of Pharmacy during FDP on title "Excellence through Outcome Based Education

- in Pharmacy" from March 26-30, 2019.
54. Dr. Tejal Mehta delivered an expert lecture as resource person on "Nanocrystals: Multifunctional formulation technology for industrially scalable products" at PCI and GUJCOST sponsored two Days National Seminar on "Emerging Technologies for Nanoparticle Manufacturing" and organized by Nootan Pharmacy College, Visnagar, Gujarat during March 29-30, 2019.
 55. Dr. Mayur Patel delivered an expert lecture as a resource person on "Development of Lipid Nanoparticulate Systems by employing High Pressure Homogenization Technique" at PCI and GUJCOST sponsored two Days National Seminar on "Emerging Technologies for Nanoparticle Manufacturing" and organized by Nootan Pharmacy College, Visnagar, Gujarat during March 29-30, 2019.
 56. Dr. Snehal S. Patel delivered a lecture entitled "Evaluation of cerebroprotective agents using middle cerebral artery occlusion" and demonstrated the same at one day workshop on "Experimental Animal Models and Drug Evaluation Techniques" conducted by Department of Pharmacology, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 19, 2019.
 57. Dr. Bhoomika M. Patel delivered a lecture entitled "Invasive blood pressure monitoring" and demonstrated the same at one day workshop on "Experimental Animal Models and Drug Evaluation Techniques" conducted by Department of Pharmacology, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 19, 2019.
 58. Dr. Jigna Shah delivered a lecture entitled "Therapeutic Molecular Targets and Preclinical Models of Breast Cancer" at one day workshop on "Experimental Animal Models and Drug Evaluation Techniques" conducted by Department of Pharmacology, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 19, 2019.
 59. Dr. Shital Panchal conducted a session on hematology analyzer in experiments in one day workshop on "Experimental Animal Models and Drug Evaluation Techniques" conducted by Department of Pharmacology, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 19, 2019.
 60. Prof. Manjunath Ghate delivered an expert lecture in the Faculty Development Programme held in Gujarat Technological University on March 17, 2019.
 61. Prof. Manjunath Ghate was invited to Chair the session in 25th Indian Society for Chemists and Biologists (ISCB) held in Lucknow during January 12-14, 2019.
 62. Dr. Hardik Bhatt delivered lecture on "Self Medication and Its Demerits" at Gujarat State Pharmacy Council Sponsored Two Days Refresher Course For Registered Pharmacist organized by SAL Institute of Pharmacy, Ahmedabad on February 9, 2019.
 63. Dr. Jignasa Savjani delivered a lecture entitled "ADMET Property Prediction using Free Tools" at one day workshop on "Computer Aided Drug Design Software" conducted by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 16, 2019.
 64. Dr. Vivek Vyas delivered a lecture entitled "2D-QSAR: A Ligand Based Drug Design Approach" at one day workshop on "Computer Aided Drug Design Software" conducted by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 16, 2019.
 65. Dr. Bhumika D. Patel delivered a lecture entitled "Molecular Docking: A Structure based Drug Design Approach" at one day workshop on "Computer Aided Drug Design Software" conducted by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 16, 2019.
 66. Ms. Palak Parikh delivered a lecture entitled "3D-QSAR: A Ligand Based Drug Design Approach" at one day workshop on "Computer Aided Drug Design Software" conducted by

Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University in association with Centre for Continuing Education (CCE) on February 16, 2019.

67. Dr. Niyati Acharya delivered a talk on “Pharmacy practice regulations” in Refresher Course for Registered Pharmacist Sponsored by Gujarat State Pharmacy Council at SAL Institute of Pharmacy, Ahmadabad during February 9-10, 2019.
68. Dr. Niyati Acharya delivered a guest lecture for M.Pharm students at SSR college of Pharmacy, Silvassa on “Pharmacological models for behavioral analysis and AD” on March 22, 2019.

Non-Teaching Staff Development

1. Mr. Virendrakumar S. Goswami, Librarian (I/c) attended one day Workshop on “Implementing Successful Library & Information Teaching Sessions in Academic Libraries” organized by IIT Gandhinagar, Palaj, Gandhinagar held on August 18, 2018.
2. Mr. Hasmukh Rathod, Ms. Jigisha Patel, Ms. Jaya Dabhi, Ms. Drashti Patel and Ms. Sima Ahire attended “Staff Training Programme” organized by ADR Cell, Nirma University held during February & March, 2019.
3. Mr. Virendrakumar S. Goswami, Librarian (I/c) attended one day Conference on “The Role of Library and Information Services in the New Millenium” at ‘Jyotirmay’ Parisar, Babasaheb Ambedkar Open University, Ahmedabad held on March 16, 2019.

III- RESEARCH, CONSULTANCY AND EXTENSION

Research projects

a) Major Research Project funded by Nirma University:

Financial Year	Ongoing	
	Number	Amount
2018-19	1	28,92,400
2017-18	1	28,92,400

b) Major Research Project funded by external agencies during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2018-19	02	45,60,810	05	1,84,14,300	01	3,50,00,000
2017-18	01	34,00,000	06	1,70,01,580	01	20,78,250

c) Minor Research Project funded by Nirma University during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2018-19	03	2,75,000	----	----	06	7,80,000
2017-18	04	2,90,000	03	2,75,000	---	---

d) Minor Research Project funded by external agencies during:

Financial Year	Completed		Ongoing	
	Number	Amount	Number	Amount
2018-19	02	6,70,000	03	11,05,000
2017-18	05	26,42,000	05	17,75,000

Major Research Projects**Completed Major Research Projects Funded by External Agencies**

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs)
	Exploring the Effect of Histone Deacetylases (HDAC) in Cancer-Cachexia and their Downstream Targets	Prof. Bhoomika Patel	Science and Engineering Research Board, (SERB-DST), New Delhi	27,00,000/
	Epidemiology of Anemia in Pre-School Triabl Children with Reference to its Etiology and Pathophysiology	Prof. Shital Panchal, Prof. Charmy Kothari, Prof. Sarat Kumar Dalai	Indian Council of Medical Reseach, New Delhi	18,60,810/

Ongoing Major Research Projects Funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in Rs)
	Formulation Development and Evaluation of Nanoparticulate System for Targeted Delivery of Anticancer Agents	Prof. Mayur Patel, Prof. Bhoomika Patel	28,92,400/

Ongoing Major Research Projects Funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs)
1	Evaluation of DNA Polymerase Inhibitors for the Treatment of Alzheimers Disease	Prof. Jigna Shah, Prof. Hardik Bhatt	Gujarat State Biotechnology Mission, (GSBTM)	20,80,000/
2	Evaluation of Radio Protective Potential of Medicinally Important Indian Bamboo Plants in Cancer	Prof. Priti Mehta, Prof. SonalBakshi Prof. Snehal Patel	Ministry of Ayush, Govt. of India, New Delhi	42,00,000/
3	Glutathione Appended Polymeric Nanoconstructs of Asiatic Acid for Efficacious Neuroprotection Against Alzheimer Diseases	Prof. Niyati Acharya	Department of Bio Technology (DBT), New Delhi	45,56,000/
4	Fund for Infrastructure Development	Prof. ManjunathGhate	Fund for Improvement of Science & Technology Infrastructure, DST, New Delhi	55,00,000/
5	Exploring Non-Equilibrium Atmospheric Plasma for Effective Sterlization Including Biological Safety Aspects	Prof. ShitalButani, Prof. Priti Mehta, Prof. Snehal Patel	Board of Research in Nuclear Sciences (BRNS)	20,78,300/

Sanctioned Major Research Projects Funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs)
1	National Facility for Analytical Characterization and Biological Evaluation of Biosimilars (Under DPRP)	Prof. Priti Mehta, Prof. Sarat Dalai, Prof. Sriram Sheshadri, Prof. Mayur Patel, Prof. Bhoomika Patel, Prof. Vivek Vyas	Department of Science & Technology, New Delhi	3,50,00,000/=

Minor Research Projects

Completed Minor Research Projects Funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in Rs)
1	Solubility Enhancement of BCS Class II Drug using Self Emulsifying Drug Delivery System	Prof. Mohit Shah	90,000/=
2	Solubility Enhancement of Lead Candidates as Anti-Diabetic Agents	Prof. Bhumika Patel, Prof. Nrupesh Patel	1,00,000/=
2	Synthesis of Co-Crystal of Acyclovir for Improvement of Physicochemical Parameters.	Dr. Jignasa Savjani	85,000/=

Completed Minor Research Projects Funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs)
1	Evaluation of Chemoprotective Potential of Active Constituent of L. Usitatissimum in Colon Cancer Associated with Diabetes Mellitus	Prof. Bhoomika Patel, Prof. Shraddha Bhadada	Gujarat Council on Science and Technology (GUJCOST)	2,80,000/
2	Investigation of the Role of Tephrosia Purpurea in Cardiovascular Complications in Rats	Prof. Bhoomika Patel	Gujarat Council on Science and Technology (GUJCOST)	3,90,000/

Ongoing Minor Research Projects Funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs)
1	Design and Synthesis of Novel Pteridine Derivatives as Aurora Kinase Inhibitors for the Treatment of Cancer	Prof. Hardik Bhatt, Prof. Vivek Vyas	Gujarat Council on Science and Technology (GUJCOST)	2,70,000/
2	Screening and Characterization of Anticancer Bioactive Principle from the Indigenous Plants of Dang Forest	Prof. Priti Mehta, Prof. Charmy Kothari, Prof. Dipal Gandhi	Gujarat Council on Science and Technology (GUJCOST)	3,00,000/
3	Evaluation of Effect of Butea Monosperma in Neurodegenerative Disorders	Prof. Shital Panchal, Prof. Jigna Shah	Gujarat Council on Science and Technology (GUJCOST)	5,35,000/

Sanctioned Minor Research Projects Funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in Rs)
1	Design, synthesis of poly(ADP-ribose)polymerase (PARPI) inhibitors for the treatment of cancer	Dr. Bhumika Patel	2,00,000/-
2	Design, synthesis and pharmacological evaluation of novel benzimidazole derivatives as C-Met kinase inhibitors	Ms. Palak Parikh	2,00,000/-
3	Pharmacological evaluation of antiurolithiatic activity of roots of GrewiaFlavescens	Dr. Niyati Acharya	95,000/-
4	Formulation development & evaluation of theranosticnanocarriers for brain tumor targeting	Dr. Jigar Shah	90,000/-
5	Pharmacological evaluation of anti-diabetic agents in diabetes associated depression: Molecular link and clinical implications	Dr. Snehal Patel	95,000/-
6	Physicochemical property improvement of poorly water soluble anti-infective drugs	Dr. Jignasa Savjani	1,00,000/-

Number of Teachers participated in National/International Conference based on the acceptance of Research Paper

Financial Year	National Conference		International Conference	
	No. of Teachers	Amount incurred	No. of Teachers	Amount incurred
2018-19	3	Rs.18,000/-	8	Rs. 39,100/-
2017-18	5	Rs. 17,000/-	3	Rs. 22,039/-

Publications by Institute (International/National Conference Proceedings, Institute Journals, dissertation abstract, Ph.D. Thesis etc.)

Research Publications in financial year:

Financial Year	National Journal			International Journal		
	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor
2018-19	06	00	00	33	29	2.825
2017-18	03	02	0.685	43	38	2.712

List of Publications (International)

1. Rachna Kumria, Bandar E Al-Dhubiab, Jigar Shah, Anroop B Nair. "Formulation and Evaluation of Chitosan-Based Buccal Bioadhesive Films of Zolmitriptan" Journal of

- Pharmaceutical Innovation, June 2018, 13, 133-143 (IF: 1.934)
2. Patel V, Sharma OP, Mehta T. "Nanocrystal: a novel approach to overcome skin barriers for improved topical drug delivery Expert opinion on drug delivery" April 2018, 15 (4), 351-368 (IF: 5.553)
 3. Anita K. Bakrania, Bhavesh C. Variya, Snehal S. Patel. "Insights from diversified anti-angiogenic models: Role of b-interferon inducer DEAE-Dextran" *Pharmacological Reports*, April 2018 70, 549–557 (IF: 2.787)
 4. Priyal Barai, Nisith Raval, Sanjeev Acharya, Niyati Acharya. "Bergenia ciliata ameliorates streptozotocin-induced spatial memory deficits through dual cholinesterase inhibition and attenuation of oxidative stress in rats" *Biomedicine & Pharmacotherapy* June 2018, 102, 966-980 (IF: 3.457)
 5. Gurpreet Kaur Sinhar, Neel N. Shah, Nimitt V. Chokshi, Hiren N. Khatri, and Mayur M. Patel. "Process, optimization, and characterization of budesonide-loaded nanostructured lipid carriers for the treatment of inflammatory bowel disease." *Drug Development and Industrial Pharmacy* July 2018, 44(7), 1078-1089 (IF: 2.295)
 6. Anroop B. Nair, Bandar E. Al-Dhubiab, Jigar Shah, Vimal Patel, Mahesh Attimarad, and Harsha Sree. "Development and evaluation of palonosetron loaded mucoadhesive buccal films." *Journal of Drug Delivery Science and Technology* August 2018, 47, 351-358 (IF: 2.297)
 7. Mayur M. Patel and Bhoomika M. Patel. "Repurposing of sodium valproate in colon cancer associated with diabetes mellitus: Role of HDAC inhibition." *European Journal of Pharmaceutical Sciences.*, August 2018, 121, 188-199 (IF: 3.466)
 8. Hemangi Rawal and Bhoomika M. Patel. "Opioids in Cardiovascular Disease: Therapeutic Options." *Journal of Cardiovascular Pharmacology and Therapeutics* July 2018, 23(4), 279-291 (IF: 3.0)
 9. Priyal Barai, Nisith Raval, Sanjeev Acharya, Ankit Borisa, Hardik Bhatt, and Niyati Acharya. "Neuroprotective effects of bergenin in Alzheimer's disease: Investigation through molecular docking, in vitro and in vivo studies." *Behavioural Brain Research* August 2018, 356, 18-40 (IF: 3.173)
 10. Amarjitsing P. Rajput and Shital B. Butani. "Fabrication of an ion-sensitive in situ gel loaded with nanostructured lipid carrier for nose to brain delivery of Donepezil" *Asian Journal of Pharmaceutics*. October 2018, 12, 293-302
 11. Nimitt V. Chokshi, Hiren N. Khatri & Mayur M. Patel. "Formulation, optimization and characterization of rifampicin loaded solid lipid nanoparticles for the treatment of tuberculosis" *Drug Development and Industrial Pharmacy*. December 2018, 44, 1975-1989 (IF: 2.295)
 12. Bhavesh C. Variya, Anita K. Bakrania, Prem Madan, Snehal S. Patel. "Acute and 28-days repeated dose sub-acute toxicity study of gallic acid in albino mice". *Regulatory Toxicology and Pharmacology*. November 2018, 101, 71-78 (IF: 2.22)
 13. Variya BC, Bakrania AK, Chen Y, Han J, Patel SS. "Suppression of abdominal fat and anti-hyperlipidemic potential of *Embllica officinalis*: Upregulation of PPARs and identification of active moiety" *Biomedicine & Pharmacotherapy*. December 2018, 108, 1274-1281 (IF: 3.457)
 14. Nitin Dwivedi, Prashant Kesharwani, Balakdas Kurmi, Jigna Shah. "Generation dependent targeting potential of Donepezil loaded poly (propyleneimine) dendrimer through goat nasal mucosa" *International Journal of Pharmacy and Pharmaceutical Sciences*. December 2018, 10, 80-87 (IF: 0.6)
 15. Nitin Dwivedi, Jigna Shah, Vijay Mishra, Murtaza Tambuwala, Prashant Kesharwani. "Nanoneuromedicine for management of neurodegenerative disorder" *Journal of Drug Delivery Science and Technology* December 2018, 49, 477–490 (IF: 2.26)
 16. Jha Abhishek, Panchal Shital. "Ellagic acid: Insights into its neuroprotective and cognitive enhancement effects in sporadic Alzheimer's disease" *Pharmacology Biochemistry and Behavior*. December 2018, 175, 33-46 (IF: 2.53)

17. Patel Drashti, Charmy S Kothari, Singh Shantanu and Shah Manan, "In-depth review on Innovation and regulatory challenges of the drug delivering medical devices" *Journal of Generic Medicines*, December 2018, 15, 1-11 (IF: 0.12)
18. Priyal Barai Nisith Raval Sanjeev Acharya Niyati Acharya. "Neuroprotective effects of *Bergenia ciliata* on NMDA induced injury in SH-SY5Y cells and attenuation of cognitive deficits in scopolamine induced amnesia in rats" *Biomedicine & Pharmacotherapy*. December 2018. 108, 374-390 (IF: 3.457)
19. Hiral Shah, Anroop B. Nair, Jigar Shah, Praful Bharadia, Bandar E-Al Dhubiab. "Proniosomal gel for transdermal delivery of lornoxicam: optimization using factorial design and in vivo evaluation in rats", *DARU Journal of Pharmaceutical Sciences*, January 2019, 8, 1-12. (IF: 2.67)
20. Pansara, C., Chan, W.Y., Parikh, A., Trott, D.J., Mehta, T., Mishra, R. Garg, S. "Formulation Optimization of Chitosan-Stabilized Silver Nanoparticles Using In Vitro Antimicrobial Assay" *Journal of Pharmaceutical Sciences*, February 2019, 108, 1007-1016 (IF: 2.7)
21. Amarjitsinh Rajput and Shital Butani "Resveratrol anchored nanostructured lipid carrier loaded in situ gel via nasal route: Formulation, optimization and in vivo characterization", *Journal of Drug Delivery Science and Technology*, February 2019, 51, 214-223 (IF: 2.7)
22. Shruti Rawal, Mayur M. Patel. "Threatening cancer with nanoparticle aided combination oncotherapy", *Journal of Controlled Release* March 2019, 301, 76-109 (IF: 7.877)
23. Basant Sharma, Udit Chaube, Bhoomika M. Patel. "Beneficial effect of silymarin in pressure overload induced experimental cardiac hypertrophy", *Cardiovascular Toxicology*, February 2019, 19, 23-35 (IF: 2.989)
24. Jayanta Kumar Maji, Patel Mansi, Patel Snehal, Butani Shital, Mehta Priti "High-performance Thin Layer Chromatography Method Development and Validation for Simultaneous Determination of Phenolic Acids in Selected Indian Bamboo Species" *Pharmaceutical Methods* Jan 2019, 10, 21-26
25. Komal Chaudhary, Mayur M Patel, Priti J Mehta, "Long-Acting Injectable: Current Perspectives and Future Promise" *Critical Reviews in Therapeutic Drug Carrier Systems*. February 2019, 36, 137-181 (IF: 2.414)
26. Priyancy G. Jain, Bhumika D. Patel. "Medicinal chemistry approaches of poly ADP-Ribose polymerase 1 (PARP1) inhibitors as anticancer agents - A recent update" *European Journal of Medicinal Chemistry*, January 2019, 165, 198-215 (IF: 4.816)
27. H. M. Patel, D. P. Rajani, M. G. Sharma, H. G. Bhatt. "Synthesis, Molecular Docking and Biological Evaluation of Mannich Products Based on Thiophene Nucleus using Ionic Liquid". *Letters in Drug Design & Discovery*. February 2019, 16, 119-126 (IF: 0.924)
28. Snehal S Patel, Vinit D Patel. "Catechin attenuates complete Freund's adjuvant induced rheumatoid arthritis: role of histidine decarboxylase" *International Journal of Complementary & Alternative Medicine*. June 2018, 11, 187-191
29. Tejal Rawal, Snehal Patel, Shital Butani. "Chitosan nanoparticles as a promising approach for pulmonary delivery of bedaquiline" *European journal of pharmaceutical sciences*. August 2018, 124, 273-287 (IF: 3.466)
30. Mital Patel, Charmy Kothari. "Multivariate UV-Chemometric and HPLC-QbD Method for Simultaneous Estimation of Vardenafil and Dapoxetine in Active Pharmaceutical Ingredients and its Marketed Formulation" *Current Analytical Chemistry*. December 2018, 14, 43475 (IF: 1)
31. Vivek K. Vyas, Gulamnizami Qureshi, Drashti Oza, Hardik Patel, Krupali Parmar, Palak Patel, Manjunath D. Ghate. "Synthesis of 2-,4-,6-, and/or 7-substituted quinoline derivatives as human dihydroorotate dehydrogenase (hDHODH) inhibitors and anticancer agents: 3D QSAR-assisted design" *Bioorganic & Medicinal Chemistry Letters*. January 2019, 29, 917-922 (IF: 2.442)

32. Nisha Parikh, Charmy Kothari “Therapeutic Role of Methanolic Extract of *Ocimum basilicum* L. Seeds and its Isolated Compound as Potent Antidiabetic and Antihyperlipidemic Agents” *The Natural Products Journal*. March 2019, 9, 1-10
33. Gurpreet Kaur Sinhmar, Neel N. Shah, Shruti U. Rawal, Nimitt V. Chokshi, Hiren N. Khatri, Bhoomika M. Patel, Mayur M. Patel. “Surface engineered lipid nanoparticle-mediated site-specific drug delivery system for the treatment of inflammatory bowel disease” *Artificial Cells, Nanomedicine, and Biotechnology*. December 2018, 46, S565-S578 (IF: 3.026)

List of Publications (National)

1. N. A. Desai, R. Y. Tiwari, S. S. Patel. “Prevalence of Polycystic Ovary Syndrome and its Associated Risk Factors among Adolescent and Young Girls in Ahmedabad Region” *Indian Journal of Pharmacy Practice* Apr-June 2018, 11, 67-73.
2. Ravisinh Solanki, Nrupesh Patel, Misari Patel, Charmy Kothari. “Concurrent estimation of loteprednol etabonate and levofloxacin by UV spectrophotometric absorbance ratio method from their combined eye drops dosage form” *Nirma University Journal of Pharmaceutical Sciences*. June 2018, 5(1), 27-40
3. Bhaswat S. Chakraborty. “Ethical Principles and Practices in Clinical Research: A Brief History and Guidelines of Current Relevance” *Nirma University Journal of Pharmaceutical Sciences*. June 2018, 5(1), 19-25
4. Jayanta Kumar Maji*, Mansi Patel, Priti J Mehta. “Bambusha: Realm of Indian traditional medicine” *Nirma University Journal of Pharmaceutical Sciences*. June 2018, 5(1), 65-72
5. Kajol Sevak, Renuka Mishra*, Jigna Shah, Tejal Mehta. “Hydrogels as novel alternative for the management of various diseases of central nervous system” *Nirma University Journal of Pharmaceutical Sciences*. June 2018, 5(1), 73-84
6. Kartik Hariharan, Maulik Panchal, Tejal Mehta “Biorelevant dissolution media: Its current status and future perspectives” *Nirma University Journal of Pharmaceutical Sciences*. December 2018, 5(2), 27-43

Other publications (books, chapter in books, case studies, manual monograph, articles etc.)

Sr. No.	Name of the Faculty	Name of the Book	Name of Publishing House	ISBN	Year of Publication
1	Dr. Mayur Patel, Shruti Rawal	Book Chapter “Lipid nanoparticulate systems: Modern versatile drug carriers” in a book titled “Lipid Nanocarriers for Drug Targeting”	Elsevier B.V.	978-0-12-813687-4	April 2018
2	Dr. Niyati Acharya	Book Chapter “Core-Shell nanoparticles as a drug delivery platform for tumor targeting” in a book titled “Inorganic Frameworks as Smart Nanomedicines”	Elsevier William Andrew	978-0-12-813661-4	April 2018
3	Dr. Niyati Acharya	Recent Progress in Medicinal Plants Vol. 47—Metabolic Disorders: Hyperlipidemia	Stadium Press	1-62699-084-0	2018

4	Dr. Mayur Patel	A Text-Book of Hospital Pharmacy	B. S. Shah Prakashan	81-8416-008-9	2018
5	Dr. Bhoomika M. Patel	Book Chapter "National List of Essential Medicines and Accessibility to Antidiabetic Drugs in India" in the book "Sadikot's Textbook of Diabetes"	Jaypee Publisher	978-9352700325	August 2018
6	Dr. Snehal Patel	Human Anatomy and Physiology	Nirav Prakashan	978-93-86565-73-0	2018
7	Dr. Jigar Shah, Dr. Snehal Patel	Book chapter title "Delivery of Biomolecules to the Central Nervous System using a Polysaccharide Nanocomposite" in the book "Polysaccharide-Based Nano-Biocarriers in Drug Delivery"	CRC Press	978-1-138-48111-4	September 2018
8	Tejal Mehta, Viral Patel, Om Prakash Sharma	Book Chapter "Receptor-Targeted Prodrug Approach for Retina and Posterior Segment Disease" in book "Drug Delivery for the Retina and Posterior Segment Disease"	Springer	978-3-319-95807-1	October 2018
9	Tejal Mehta and Munira Momin	Book Chapter "Intravitreal Injection Drug Delivery for Retina and Posterior Segment Disease: Challenges and the Future Ahead" in book "Drug Delivery for the Retina and Posterior Segment Disease"	Springer	978-3-319-95807-1	October 2018
10	Charmy S. Kothari, Manan P. Shah and Rajvi M. Patel	Edited book on Pharmacovigilance and authored one book chapter on Pharmacovigilance	IntechOpen	978-1-78985-760-3	December 2018
11	Tejal A. Mehta, Neha Shah, Khushali Parekh, Namdev Dhas, Jayvadan K. Patel.	A book chapter on "Surface-Modified PLGA Nanoparticles for Targeted Drug Delivery to Neurons" in a book entitled "Surface Modification of Nanoparticles for Targeted Drug Delivery"	Springer	978-3-030-06115-9	March 2019

Faculty Awards

Title of the Award/Recognition	Name of the Awardee	Name of the Awarding Agency	Category (Institution/teacher/research scholar/student)
Principle of the Year	Prof. Manjunath Ghate	IPER's Principle of the year-2018, APTI, India	Institution/Teacher
Women of the year	Prof. Priti Mehta	APTI women of the year-2018, APTI, India	Teacher
Best Paper Publication Award	Dr. Charmy Kothari	P D Shethi National Award by ANCHROM	Research
First Prize in Oral Presentation	Dr. Mayur Patel	APTICON – 2018	Research
First Prize in Oral Presentation	Dr. Bhoomika Patel	APTICON – 2018	Research
Pharm Innova Award for best M. Pharm. Thesis	Prof. Manjunath Ghate and Ms. Kinjal Patel	Troikka Pharmaceuticals and Department of Science and Technology, GOI	Teacher/Research Scholar
Best Assistant Professor	Dr. Bhumika Patel	Nirma University	Teacher
International Full Travel Grant	Dr. Charmy Kothari	SERB-DST, GOI	Research Paper Presentation
International Full Travel Grant	Dr. Jignasa Savjani	SERB-DST, GOI	Research Paper Presentation

Citation Index of Faculty Members and Impact Factor

Name of Faculty Member	Highest Impact Factor during April 2018-March 2019	Total Google Scholar Citation	Total Google Scholar H-Index	Total Scopus Citation	Total Scopus H-Index
Prof. Manjunath Ghate	2.342	1349	18	1051	16
Prof. Tejal A. Mehta	5.700	1011	16	518	10
Prof. Priti J. Mehta	3.34	327	10	113	6
Prof. Jigna Shah	2.2	332	10	165	7
Dr. Hardik G. Bhatt	3.173	414	12	414	12
Dr. Mayur M. Patel	8.68	908	14	632	12
Dr. Shital B. Butani	3.466	365	9	256	7

Dr. Jignasa K. Savjani	-	707	7	60	5
Dr. Shital S. Panchal	2.4	405	11	167	8
Dr. Niyati S. Acharya	3.457	330	10	186	8
Dr. Charmy Kothari	1.81	270	8	188	7
Dr. Snehal S. Patel	4.89	777	13	476	11
Dr. Bhoomika M. Patel	5.605	1381	19	876	14
Dr. Jigar N. Shah	2.667	140	6	86	3
Dr. Vivek K. Vyas	2.442	704	13	503	11
Dr. Dhaivat C. Parikh	-	74	4	42	3
Dr. Dipal M. Gandhi	-	46	3	12	2
Dr. Bhumika D. Patel	4.816	140	7	90	6
Dr. Nagja V. Tripathi	-	20	2	3	1
Dr. Nrupesh R. Patel	-	39	3	16	2
Ms. Palak K. Parikh	-	102	5	70	5
Dr. Mohit Shah	-	13	2	5	1
Dr. Bhagwati Saxena	-	168	6	118	5
Dr. Vidhi Shah	4.513	45	4	-	-

Ongoing Research Collaborations/New Collaborations

- Faculty members of Institute of Pharmacy along with Faculty members of Institute of Science received financial assistance of Rs. 5.0 crore to develop National facility for analytical characterization and biological evaluation of biosimilars by Department of Science and Technology [DST] under DPRP. Dr Priti Mehta is Principal coordinator and Dr Sarat Dalai is Principle Investigator. Dr Bhoomika Patel, Dr Mayur Patel, Dr Vivek Vyas and Dr Sriram Sheshadri are co-investigators in this project.
- Dr. Shital Butani, Associate Professor, Institute of Pharmacy, Nirma University, received Major Research Project worth Rs. 20,78,250/- in collaboration with Dr. Akshay Vaid, Facilitation Centre for Industrial Plasma Technologies, IPR on project entitled “Exploring non-equilibrium atmospheric plasma for effective sterilization including biological safety aspects” from Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, Government of India for the duration of April 2018 to March 2020. Dr. Priti Mehta and Dr. Snehal Patel are co-investigators.

- Dr. Shital Panchal along with Dr. Sarat Dalai ISNU, Ar. Sharad Panchal, IAPNU, Dr. Charmy Kothari, IPNU, Dr. Vijay Kothari, ISNU, and Dr. Umang Mishra, Dept. of Health and Family welfare, Govt. of Gujarat are working on the determination of the prevalence of anemia in preschool children. They have received a major research grant entitled “Epidemiology of anemia in Pre-school Tribal Children of Eastern Gujarat with Reference to Etiology, Pathophysiology and Nutritional impact” worth Rs. 18,60,000/- from Indian Council for Medical Research (ICMR).
- Dr. Priti Mehta (Principal Investigator), Dr. Snehal Patel (Co-Principal Investigator) working in collaboration with Dr. Sonal Bakshi (Co-Principal Investigator) from Institute of Science on a major research project on topic “Evaluation of radioprotective potential of medicinally important Indian bamboo plants in cancer” worth Rs. 42,12,250/- from Ministry of AYUSH for the period of 2016-2019.

Internal Resources Generated (Consultancy, MDP/Prog. for Industries, any other)

Revenue generated in:

Financial Year	Consultancy	Testing	Training (Seminar/Workshop)	Other (Specify)
2018-19	Rs. 177373/-	Rs.8132/-	Rs. 382970/-	Rs. 1016913/-
2017-18	Rs. 80,084/-	Rs. 2,434/-	Rs. 11,40,472/-	Rs. 942443/-

Extension Activities/Community services by Institute/Department

Following social extension activities were organized by B. Pharm Semester V and M. Pharm Semester IV students during the year 2018-19:

Sr. No.	Type of Activity conducted	Date/s	Beneficiaries
1	Plantation drive at Lakulish Yoga University, Sola, Ahmedabad under the banner of NIPSAA	28/7/2018	Lakulish Yoga University
2	Pre-Survey at Jaspur Village	09/08/18	B. Pharm Semester V Students
3	Pre-Survey at Jaspur Village	16/08/18	NSS Volunteers
4	Cleanliness Drive	23/08/18	Jaspur village residents
5	Interaction with Primary School Children	06/09/18	Jaspur Primary school children
6	Survey based on Unnat Bharat Abhiyan	21/09/18	Jaspur village residents
7	Government Scheme Awareness	22/09/18	Jaspur village residents
8	Volunteaching English to School Kids	23/09/18	Jaspur village residents
9	Drawing Competition	24/09/18	Jaspur Primary school children
10	Cleanliness Drive	25/09/18	Jaspur village residents
11	Cultural Evening	25/09/18	Jaspur village residents

New MoUs Signed/Collaborative Activities Done Related to MoUs/tie-ups with other organizations

International MoUs

1. **Plovdic University, Bulgaria** and Institute of Pharmacy, Nirma University intend to co-operate in the following areas of work: Plan and implement joint research projects; Jointly organize workshops, seminars and Programmes on subjects of contemporary and mutual interest; Exchange of students and teachers; Reciprocal invitation of scholars for the purpose of talks, lectures and research; Sharing of infrastructure facilities including laboratories, equipment and library for research with mutual consent; Work jointly and participate in research activities happening at either side with mutual consent and in common areas of interest.
2. **Changwon National University, South Korea** and Nirma University intend to promote cooperation and exchange in research and education. The area in which collaborations will be explored include: Exchange of students at bachelor/master level, academic and administrative staff exchange, short-term language and cultural programs, Exchange of data, documentation, and research materials in fields of mutual interest; Coordination of such activities as joint research, lectures, seminars, symposia; Provision of briefing services by each institution for visitors from the other institution.
3. **Massachusetts College of Pharmacy and Health Science - MCPHS University, Boston, USA** and Institute of Pharmacy, Nirma University shall promote and develop a cooperative relationship in areas, including Facilitating staff and student exchanges; Exploring the possibility of joint collaborative research projects; Exploring the possibility of joint PhD supervision; Exchanging relevant information and academic publications etc.
4. **University of Southern California, Los Angeles, California, USA** and Institute of Pharmacy, Nirma University shall promote and develop a cooperative relationship by the following means: Facilitating staff and student exchanges; Exploring the possibility of joint collaborative research projects; Extend invitations for the purpose of informing students of academic opportunities on one another's campuses.

National MoUs:

CSIR-Indian Institute of Chemical Technology, Hyderabad
Quantys Clinical services, Gandhidham
Chemical Shoppe, Ahmedabad: Consultancy proposal under discussion

Linkages with National/International Academic/Research Bodies

International Linkages:

1. Plovdic University, Bulgaria
2. Changwon National University, South Korea
3. Massachusetts College of Pharmacy and Health Science - MCPHS University, Boston, USA
4. University of Southern California, USA

National Linkages:

1. Finecure Pharmaceuticals Ltd., Ahmedabad

2. Contract Phamracal Corporation (CPC) Ltd., Ahmedabad
3. Brillare Cosmetics, Ahmedabad
4. Beiersdorf, Germany
5. Apollo Hospitals Internationals Ltd., Ahmedabad
6. Piramal Pharmaceutical Development Services Pvt. Ltd., Ahmedabad
7. Intas Biopharmaceuticals Limited, Ahmedabad
8. Cadila Pharmaceuticals Ltd., Ahmedabad
9. B.V. Patel Pharmaceutical Education & Research Development (PERD) Centre, Ahmedabad
10. Evonik India, Mumbai
11. ERIS Lifesciences, Ahmedabad
12. CSIR-Indian Institute of Chemical Technology, Hyderabad
13. Quantys Clinical services, Gandhidham
14. Sushen Medicamentos, Ahmedabad
15. Chemical Shoppe, Ahmedabad

IV- INFRASTRUCTURE AND LEARNING RESOURCES

Computer Facilities Added

- Computer Facility upgrade: 8 New Desktop Core-i3 7th Generation
- WiFi Upgradation: 5 New Wifi Access point
- Internet Bandwidth: 256 mbps to upgrade 512mbps
- Software Upgradation: 20 user MS Access for B. Pharm Students
- Projector Upgradation in Classroom 101, Tutorial 304A and 304B

Library- Learning Resources Added

Number of Book for Technical Subjects During the Year 2018-19			
No. of Titles & Volumes Added During the Year		Cumulative Total No. of Titles & Volumes as on 31/03/2019	
Title	Volumes	Title	Volumes
88	99	3274	5308

Number of Book for Science & Humanities During the Year 2018-19			
No. of Titles & Volumes Added During the Year		Cumulative Total No. of Titles & Volumes as on 31/03/2019	
Title	Volumes	Title	Volumes
33	33	2419	3773

No. of Periodicals / Journals Including E-Journals During the Year 2018-19		Other Material Which Includes Software /CDs /Cassettes Other Audiovisual Materials	
Added during the year 2018-19	Cumulative Total as on 31/03/2019	Added during the year 2018-19	Cumulative Total as on 31/03/2019
0	39 Print & 113 online	0	47

Laboratory Facilities: Major Additions (Amount greater than Rs. 50,000/-)

Sr. No.	Supplier	Equipment / Machine	Cost
1	D.P. Analytics	Bio Safety Cabinet	Rs. 2,31,840
2	Scientific Trading Co.	Co2 Incubator	Rs. 3,43,350

V- Student Support and Progression

Admission Status for B. Pharm

Cut-off percentage marks – category wise

12th Science Subjects 60% and GUJCET 40% result is considered for Admission to the B. Pharm. Programme 2018-19

Category	Rank No. of student admitted (ACPC)	
	First Rank	Last Rank
TFWS	09	220
OPEN	317	6426
SC	3458	7802
ST	--	16275
SEBC	2309	7084
PH	5028	14712
DS	15781	15781
NRI/NRI Sponsored	8914	16753

TFWS = Tuition Fee Waiver Scheme

SC = Schedule Caste

ST = Schedule Tribe

SEBC = Socially & Economically Backward Class

PH = Physically Handicap

DS = Defense Service

Admission Status for M. Pharm

For the M. Pharm. Students, students are admitted on the basis of GPAT.

Cut off Score/Rank & Non GPAT Merit marks of Entrance Examination for the admission to M. Pharm. 2018-19:

Sr. No.	Name of Specialization	In-take	GPAT Rank		
			Admitted	Highest Cut-off	Lowest Cut-off
1	Pharmaceutics	15	15	2021	Non GPAT
2	Pharmaceutical Analysis	10	09	504	Non GPAT
3	Pharmaceutical Chemistry	05	02	NON GPAT	Non GPAT
4	Pharmacology	12	12	516	Non GPAT
5	Regulatory Affairs	12	12	2570	Non GPAT
Total		54	50	--	--

Student Achievements

Following are the details of students' achievements outside university:

Sr. No.	Name of Student	Name of Activity	Name and details of Event	Date of Event	Position
1	Aaska Shah	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
2	Aparna Hariprasad	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second

3	Archana Hariprasad	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
4	Ankita Joshi	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
5	Heli Patel	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
6	Shivani Naik	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
7	Kavy	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
8	Aditi	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
9	Ashruti	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
10	Jaynee	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
11	Hitanshi	Kho-Kho	Petrocup organized by PDPU, Gandhinagar	16-02-2019 to 18-02-2019	Second
12	Vandit Shah	Nav Bharat Nirman	India International Science Festival (IISF), Lukhnow, UP	05-10-2018 to 08-10-2018	Third

Value Added Courses

The Institute offered following value added courses programme-wise in the year 2018-19:

M. Pharm

1. Research Methodology and Biostatistics
2. Journal club
3. Seminar Assignment

B. Pharm

4. Cyber security
5. Social Extension Activity / NSS
6. Introduction to IPR and Research Methods
7. Environmental studies
8. Entrepreneurship
9. Professional Ethics (Including Human Rights)
10. Communication Skills-Theory
11. Communication Skills -Practical
12. Remedial Biology - Theory
13. Remedial Biology - Practical
14. Remedial Mathematics - Theory
15. Environmental Sciences - Theory

No. of Co-curricular Activities Organized: 4

- On September 5, 2018 Teacher's day was celebrated in Institute of Pharmacy, Nirma University where students actively participated by conducting lectures and practicals for B. Pharm students in morning session. In the second half, the B. Pharm Semester VII students planned and conducted some fun games like antakshari, dare games for the faculties of institute and also felicitated the faculties. As thanks-giving, semester VII students gave some astounding speeches and recited poems dedicated to the faculties which lead them to their student life flashbacks.
- September 25, 2018 Pharmacist's Day Celebration was held by arranging the lectures relevant to the theme in ongoing CEP, Orientation Programme and also in NSS activity.
- The 15th Foundation Day of Institute of Pharmacy, Nirma University was celebrated with full

zeal and enthusiasm by the students, faculty and staff members on October 1, 2018. Dr. J. S. Yadav, J .C. Bose Fellow, Director & Trustee, Indrasheel University, Mehsana and former Director IICT, Hyderabad & CSIR Bhatnagar Fellow was the Chief Guest and Dr. Anup Singh, Director General, Nirma University was the President of the Inaugural function. The meritorious students of B. Pharm. 1st, 2nd & 3rd year were also awarded with gold medals and the students, faculty, staff and alumni were felicitated for their outstanding achievements. Various competitions like Photography, Rangoli, T-shirt painting, Poetry recitation, Debate, Elocution and Extempore were held on the occasion of Foundation Day.

- NirmaQuest'19 an arena of State level Quiz competition for Pharmacy and other Disciplines was organized by Institute of Pharmacy, Nirma University on February 14, 2019. It was inaugurated by Prof. Rao Bhamidimarri, President, Institute of Advanced Research, Gandhinagar. A total of 55 teams participated for both the Quiz A (Pharmacy) and Quiz B (Other Disciplines). In Quiz A team from KBIPER Gandhinagar was the winner and team from Institute of Pharmacy, Nirma University was the runner up. In Quiz B team from Institute of Law, Nirma University was the winner and Team from St. Xavier College, Ahmedabad was the runner up.

Student Clubs Activities

- Various clubs of Institute of Pharmacy, Nirma University organized one day workshop on Drama, Dance, Photography and Design on August 9, 2018. On this occasion, experts from the different field came and guided students. More than 150 students from Institute of Pharmacy, Nirma University participated in the workshop.
- Drama club students of Institute of Pharmacy students participated in One Act Play competition 2019 held on Jan 29, 2019. Total 8 teams from other institutes participated and total 13 students performed on the theme 'In Pursuit of Mahatma'. Institute won 2 prizes in the competition Best Production and Best Supporting Actress.

Sports Activities

Around 292 students of B. Pharm, M. Pharm and PhD participated in various Athletic and Non-athletic games viz. Running, throwing, Jumping, Chess, Carrom, Table Tennis, Lawn Tennis, Badminton, Kabaddi, Kho Kho, cricket, Basketball, Football, volleyball during academic year 2018-19.

Youth Welfare and Cultural Activities

- The anti-ragging poster competition was organized at the Institute of Pharmacy, Nirma University on October 19, 2018.
- Institute of Pharmacy, Nirma University, celebrated its annual cultural programme Rostrum on October 29-30, 2018. Events like song, dance, drama, Ad-Mad, Mr. and Ms. Rostrum, mime/mono-acting were organized. This year in Rostrum, a new event called Improve was introduced in which students had an opportunity to show their creativity and acting skills under certain word limits. The added feather in our cap was the presence of Shri Sairam Dave, who with his charismatic speech mesmerized the audience and also gave important lessons of life to learn with his exceptional sense of humor.

No. of Extra-curricular Activities Organized in Collaboration with Other Agencies on Campus

- Institute of Pharmacy was the host for Patriotic song competition “DeshRaag” organized on August 13, 2018.

Performance in Sport Activities

List of winners of Institute of Pharmacy in Inter institute sports competition

Athletic Games

- 100 Meter Race (Girls) - First Prize - Shivani Naik
- 200 Meter Race (Girls) - First Prize - Ankita Joshi
- 4 x 100 Meter Relay (Girls) - First Prize [Ankita Joshi, Kavya Shah, Heli Patel, Aditi Singh]
- Triple Jump (Girls) - Second Prize - Ankita Joshi
- Long Jump (Girls) - Second Prize - Ankita Joshi
- Shotput (Boys) - Third Prize - Chintan Pansara
- Discuss Throw (Boys) - Second Prize - Chintan Pansara

Team Games

- Kho-Kho (Female) - Champion
- Kabaddi (Female) - Champion
- Tug of War (Male) - Champion
- Tug of War (Female) - Champion
- Lawn Tennis (Double - Female) - Runner-up - Twinkle Patel, Dwija Barbhaya
- Lawn Tennis (Mix Double) - Runner-up - Aayush Shah, Twinkle Patel
- Table Tennis (Double - Male) - Runner-up - Ashutosh Arora, Apurva Joshi

Individual Game [Non-Athletic]

- Chess (Single - Male) - Runner-up - Aayush Shah
- Lawn Tennis (Single - Female) - Runner-up - Twinkle Patel

List of winners of Institute of Pharmacy in Institute level sports competition

Game	First Prize [Boys]	First Prize [Girls]
100 Meter Running	Mr. Vedant Bansal	Ms. Shivani Naik
200 Meter Running	Mr. Rajat Manwala	Ms. Ankita Joshi
400 Meter Running	Mr. Vedant Bansal	Ms. Swati Patil
800 Meter Running	Mr. Harshil Patel	Ms. Swati Patil
1500 Meter Running	Mr. Rajat Manwala	-
Shot Put	Mr. Chintan Pansara	Ms. Hitanshi Patel
Discus Throw	Mr. Chintan Pansara	-
Javelin Throw	Mr. Shyam Patel	Ms. Archana Hariprasad
Long Jump	Mr. Vedant Bansal	Ms. Ankita Joshi
Triple Jump	Mr. Vishnukumar Thakor	Ms. Ankita Joshi
Chess	Mr. Aayush Shah	Ms. Molisha Soni

Carrom	Mr. Siddharth Thanki	Ms. Molisha Soni
Badminton	Mr. Yash Patel	Ms. Kahini Patel
Table Tennis	Mr. Ashutosh Arora	-
Lawn Tennis	Mr. Aayush Shah	Ms. Anshe Purohit

Number of students who have passed the competitive examinations

Sr. No.	Examinations	No. of Students
1	GPAT 2019	2
2	GRE	15
3	NMAT	5
4	TOEFL	8
5	IELTS	20
6	CAT	4

Alumni Association – Activities Supporting Students

- Top 10 meritorious students of Second Year B. Pharm availed Book Bank Facility offered from Institute of Pharmacy Nirma University Alumni Association (IPNUAA) on August 14, 2018. Each meritorious student received Books-on-Loan free of cost worth more than Rs. 7,300/- per set. Dr. Dhavit Parikh is coordinating the Book Bank Facility by IPNUAA.
- Institute of Pharmacy Nirma University Alumni Association (IPNUAA) along with Department of Pharmaceutics had organized First Alumni Networking Meet for Sector Formulation & Development (Pharmaceutics) on September 16, 2018 (Sunday), whereby more than 35 alumni members of same sector attended and interacted with other alumni members, faculty members and final year M. Pharm students of Pharmaceutics Department.
- Career guidance talk for B. Pharm Semester - V students by B. Pharm Alumni, Mr. Keval P. Trivedi (11BPH023), Director - PharmaNext Academy on the title "What Next after B. Pharm?" on October 6, 2018.
- Career guidance talk for B. Pharm. Semester VII students by B. Pharm Alumni, Mr. Hitesh Kataria (07BPH090), Administrator on the title "GPAT- Preparation and Benefits" on October 11, 2018.
- From IPNUAA Fund's Book Bank Facility, top 10 meritorious students of first year B. Pharm students availed Book Bank Facility on October 17, 2018. Each meritorious student received Books-on-Loan free of cost worth about Rs. 5,000/- per set for first year.
- Career guidance talk for B. Pharm Semester - V students by B. Pharm alumni - Mr. Abhijeet Goon (06BPH001), Senior Manager, Marketing Excellence, Cipla Ltd. on "MBA after B. Pharm: Scope & Future Perspective" on October 20, 2018.
- Alumni Networking Meet for Sector "Pharmacology and Clinical Research" on October 21, 2018, whereby about 20 alumni members of said sector attended and interacted among themselves as well as with faculty members and PG Students.
- IPNUAA has organized the dinner after 26th Convocation Ceremony on October 22, 2018 night for 2018 graduating candidates with their family members, whereby more than 70 Alumni of 14BPH and 16MPH Batch attended with their family members.
- Technical Talk delivered by M.Pharm. Alumni Ms. Richa Rajpara (15MPH809), Senior Executive (International Regulatory Affairs, US Market), Zydus Pharmaceuticals Ltd., to M.Pharm. Sem I students on the topic "Transition from Academic to Industry: Challenges and

Adaptation" on October 23, 2018.

- Technical talk delivered by M. Pharm alumni - Mr. Harsh Shah (09MPH102), Ph.D. Scholar, Arnold & Marie Schwartz College of Pharmacy and Health Sciences, Long Island University, Brooklyn, NY 11201 on title "Solid State Characterization of Pharmaceuticals - An Overview" on November 2, 2018.
- From IPNUAA Fund's Book Bank Facility, five students of final year B. Pharm availed Book Bank Facility (GPAT Preparation Book) as Books-on-Loan at free of cost on December 18, 2018.
- Alumni Networking Meet for Sector "Pharm Analysis, RA & QA" on December 30, 2018 whereby about 20 alumni members of said sector have attended and interacted among themselves as well as with faculty members and PG students.
- IPNUAA (Institute of Pharmacy Nirma University Alumni Association) organized Annual Alumni Meet on January 26, 2019. Cricket match was also organized after lunch.
- Dr Radhika Pandya, Ph.D alumni and Assistant Professor, L. M. College of Pharmacy, Ahmedabad delivered a talk on "Formulation and evaluation of pharmaceutical aerosols" on February 19, 2019.

Activities of Guidance and Counselling Students

1. Pavan Srivastava (10MPH407) PhD scholar at IIT-BHU, guided B. Pharma students on "Career prospectives after B. Pharm" on 5th April, 2018 (Through SKYPE)
2. Chetan Chintha (10MPH603) PhD Scholar at National University of Ireland, Galway, guided BPharma Students on "future perspectives of higher studies in pharmaceutical sciences" on 12th April, 2018 (Through SKYPE)
3. Career guidance talk for B. Pharm. Semester - V students by B. Pharm alumni, Mr. Keval P. Trivedi (11BPH023), Director - PharmaNext Academy on the title "What Next after B.Pharm?" on October 6, 2018.
4. Career guidance talk for B. Pharm Semester VII students by B. Pharm Alumni, Mr. Hitesh Kataria (07BPH090), Administrator, www.pharmagupshup.com, on the title "GPAT-Preparation and Benefits" on October 11, 2018.
5. Career guidance talk for B. Pharm Semester - V students by B. Pharm alumni - Mr. Abhijeet Goon (06BPH001), Senior Manager, Marketing Excellence, Cipla Ltd. on title "MBA after B. Pharm: Scope & Future Perspective" on October 20, 2018.
6. Career guidance talk for B. Pharm. Semester - VIII students by B. Pharm alumni, Mr. Rahil Jani (11BPH045), Registered Pharmacist, Canada on the title "How to become successful Pharmacist in Canada" on January 1, 2019.

Placement Services

1. 180 students of B. Pharm were sent for summer internship training at hospital/Industry/ Pharma retail stores.
2. 31 Students of M. Pharm were sent for Project Research training combined with summer internship training.
3. Mock interview session for B. Pharm. and M. Pharm. final year students were conducted.
4. Training session on Interview Etiquette, Resume Writing, and Professional SWOT Analysis was carried out for final year students. Communication training sessions for 8 hours were conducted in March 2019.
5. Placement related visits were carried out at 9 companies in Mumbai in Nov 2018.
6. Placement related visits were carried out in 8 Companies in Hyderabad in Oct 2018.
7. Mock placement test was conducted for the students of B. Pharm and M. Pharm which consisted of Aptitude questions.

8. 6 Industry visits were carried out for students of B. Pharm.
9. 2 Industry visits were carried out for students of M. Pharm.
10. 23 companies visited the campus for pharma students' recruitment.
11. Total 48 students were placed in the financial year 2017-18. (For academic year 2017-18: 49 students out of 50 interested students were placed. For academic year 2018-19 currently 26 students are placed as of May 5, 2019).

Institute
of
Science

Institute of Science

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Institute of Science

Institute at a Glance

In the year 2018-19, Institute of Science saw remarkable growth in collaborative grants for research and infrastructure development. The joint efforts of Institute of Science and Institute of Pharmacy helped in achieving the financial support of Rs 5.00 crores from DST, New Delhi under Drugs and Pharmaceuticals Research Programme (DPRP) Scheme to develop “National Facility for Analytical Characterization and Biological Evaluation of Biosimilars”. Besides, 99.985 Lacs was received in National and State level Multi-centric Collaborative Major projects. The DST-FIST granted Dept. of S&T, Govt of India for purchase of high end sophisticated laboratory equipment was also successfully implemented at the Institute. GSBTM sanctioned Bioinformatics Nodal Centre at NIS conducted training for faculty members, PhD and Research scholars and M.Sc. students. The faculty members completed three major grants (1DBT, 2 GSBTM) worth 75.95 lakhs and are working on twelve ongoing projects (DBT, DST, GSBTM) worth 254.58 lakhs. We have received the sanction for 3 new grants worth 138.32 lakhs (DST, DBT & BTM). One minor projects worth 1.46 lakhs from GUJCOST was completed. Institute of Science completed two consultancy projects worth 13.92 lakhs. Nine dignitaries visited the institute and several expert/invited lectures were arranged for students.

Institute of Science continued outstanding research performance by Faculty, PhD scholars and M.Sc. students. Four of our faculty members have collaboration with eighteen academic/research institutes for research activities. 3 Faculty members attended FDP, 2 attended Refresher course, 11 were invited as session chairs/deliver expert or invited lectures.

Eight book chapters, thirty research papers in international journals were published by the faculty with average impact factor of 3.03. A total of twenty-one papers were presented by faculty members and students in various national and international conferences. 08 PhD students submitted their thesis and 27 Dissertation abstracts were submitted. The faculty received awards and recognition in the form of membership in the editorial board or reviewer ship of international journals. The institute carried out various extension, placement, sports, youth welfare and cultural and extracurricular activities.

Outstanding Achievements

- Dr. Nasreen Munshi received Rs. 22.228 Lakhs (Total Project Costing Rs. 48.97 Lakhs) from GSBTM Funded Collaborative Project on “Development of integrated wastewater treatment systems using alternative innovative approaches of Microbial Fuel Cells, Magnetic Nanoparticles and Vermicomposting with Water Hyacinth for secondary sludge management” involving five Institutes from Gujarat.
- Dr. Nasreen Munshi received worth Rs. 77.757 Lakhs (Total Project Costing Rs. 8.43 Crores) in DBT Networking Project on “Engineered bioremediation approaches for onsite treatment of soil contaminated with crude oil” involving nine National Institutes.

Dignitaries Visited

- 1) Dr. Moinak Banerjee, President of Indian Society of Human Genetics, RGCB, Thiruvananthapuram delivered public lecture on ‘Resolving complexities of disease diagnosis and therapy in Complex disease: A genomic and epigenomic perspective on March 28, 2019.
- 2) Dr. Vrushank Dave, MS PhD, University of South Florida delivered public lecture on Medicine: Making & Breaking Avtar Networks” on March 14, 2019.

- 3) A week long lecture series on Cancer Biology was organized with the visiting expert Dr. Vrushank Dave, MS PhD, Associate Professor, Department of Pathology & Cell Biology, and University of South Florida, March 12-16, 2019.
- 4) Prof. Padmnabhan Balaram, Padmshree & Padma Bhushan awardee, former Director of Indian Institute of Science, Bangalore, delivered a public lecture on September 6, 2018 on the occasion of the 14th Foundation Day of Institute of Science, Nirma University.
- 5) Prof. Sarat Dalai and Dr. Sonal Bakshi along with MSc students visited the Nisarg Science Center, Gandhinagar on September 11, 2018 and discussed with Shri Anil Patel, managing trustee of the center regarding scope of doing the activities like rural education, science awareness and also gifted the handmade models based made on cellular and molecular biology theme by the MSc students of ISNSU were gifted to enhance rural education.
- 6) The ninth Alumni Association meeting of Institute of Science (ISNUAA) was held on 05th January, 2019 at IPNU Seminar Hall. The meeting was attended by all teaching and non-teaching staff members of Institute of Science.
- 7) Institute of Science hosted and participated in several Institute level and University level Sports and Cultural Activities.
- 8) Prof. Padmanabhan Balaram, Padmashree & Padma Bhushan awardee, former Director of Indian Institute of Science, Bangalore
- 9) Dr. Suresh Jadhav, Executive Director, Serum Institute of India, Pune
- 10) Prof. Gobardhan Das, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi
- 11) Ms. Manisha Pathak, Life Coach, Motivational Speaker, Community Outreach Leader (VOSAP)
- 12) Dr. Anand Bhadalkar, Joint Director, Business Development, GSBTM, Gandhinagar
- 13) Dr. Aditi Kumar, Bioincubator, IIT Kanpur
- 14) Dr. Gaurishankar Sa, Professor of Molecular Medicine, Bose Institute, Kolkata
- 15) Mr. Vincent Vaz, Counsellor cum Trainer
- 16) Mr. Alok Patel, Supratech Laboratory, Ahmedabad
- 17) Mr. Ravin Vyas, Avbodh Knowledge Foundation Limited, Ahmedabad
- 18) Dr. Rahul Chaudhari, Post Doctoral Fellow, TIFR, Mumbai
- 19) Dr. Rakesh Kumar Vij, Advisor ONGC, Ahmedabad
- 20) Dr. Arindam Bhattacharyya, Immunology Lab, Dept. Of Zoology, Calcutta University
- 21) Dr. Vrushank Dave, MS, PhD, University of South Florida
- 22) Dr. Moinak Banerjee, RGCB, Thiruvananthapuram, President of Indian Society of Human Genetics

I. Curricular Aspects

No. of courses were major revision is made

Revisions have been made in the syllabus of Genetic Engineering (Sem II) and practical's offered - Laboratory II (Semester- II).

II. Teaching Learning and Evaluation

Faculty completed/pursuing Ph.D.

At ISNU, all faculty members are Ph.D degree holders including two new faculty members Dr. Dablulal Gupta and Dr. Kuldeep Verma who joined in August 2018.

Innovation in Teaching – learning and evaluation

- The students are offered Core courses, bridge courses and specialized elective courses and enrichment courses.
- Depending upon the performance of the students, student feedback and opinion of the experts in the board of studies, summer training for the students has been introduced and made compulsory. The students have to undergo industrial training/summer training of 21 working days to get the hands-on experience and orientation for their future careers.
- Course related websites and blogs are developed and maintained to enable 24x7 learning.
- Introduced MCQs in CE to familiarize students with national level test.
- Videos pertaining course specific topics are shown to students for better learning.

Activities to sustain healthy practices

- The Institute trains the students to improve their writing and presentation skills.
- The students are encouraged to attend and present posters at various national and international level seminars & conferences to harness their research aptitude.
- In addition, the students are also provided with a platform to interact with leading researchers from across the country and the globe, who are invited to deliver expert lectures.
- Regular Attendance and Academic performance of the students are monitored.
- To ensure ethical and moral values in students a special course on ethics and duties is being taught.

Interdisciplinary Student Projects

The Institute has approved in the Faculty of Science meeting, the feasibility of the M. Sc. students to perform their dissertation work at other Institutes such as Institute of Pharmacy and Institute of Technology depending upon the availability and the area of interest.

Name of Student	Studied in	Research Area	Mentor	Particulars
Harsh Shah	M.Sc. Biochemistry (2017-19)	Radioprotective activity of plant based compounds	Dr. Sonal Bakshi [ISNU] & Dr. Priti Mehta [IPNU]	Solubility of a Bamboo plant part 'Vanshlochan' and DNA barcoding of a species was carried out with IPNU and GBRC, Gandhinagar
Kunal Kothari Shikha P. Patel Hinal Mehta Bansee Kotecha Hiral Sangani	M.Sc. Microbiology & Biotechnology (2017-19)	Microbial Fuel Cell	Dr. Nasreen S. Munshi (ISNU) and Dr. Manisha Shah (ITNU-EE)	Influence of substrates and external resistance on performance of MFC with developed consortium as biocatalyst for wastewater treatment

Exam Reforms Implemented

- The Institute has implemented the components of Continuous Evaluation (CE). This CE component will include Quizzes, assignments, tests and exams as decided by the Director, Programme coordinator and the respective course coordinator.

- As per the exam section reforms, ISNU has removed two section in question paper and students now write the whole SEE in a single answer book.
- Institute allows flexible timings for SEE paper evaluation.

No. of faculty development programmes availed by faculty: 05

- Faculty Development Programme: 3
- Refresher Course : 2

No. of faculty development programme organized by the Institute: 01

- One Day CCE Seminar on Genome Editing

Invited/ Endowment lectures: 23

Non-teaching Staff Development

- Ms. Sweta Patel, Laboratory Assistant, has completed 3 week Staff Training Programme held during 19-2-2019 to 7-3-2019, organized by the CQAAD, Nirma University.

III. Research, Consultancy and Extension

Major Research Projects funded by external agencies

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount (in lacs)	Number	Amount (in lacs)	Number	Amount (in lacs)
2018-19	4	151.40	2	31.87	3	165.45
2017-18	2	44.15	10	299.71	-	-

Major Research Projects funded by Nirma University

Financial Year	Sanctioned	
	Number	Amount (in lacs)
2018-19	1	29.90
2017-18	-	-

Minor Research Projects funded by external agencies

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount (in lacs)	Number	Amount (in lacs)	Number	Amount (in lacs)
2018-19	1	1.46	----	----	1	1.11
2017-18	3	10.99	1	1.46	-	-

Details of Research Project:

Completed Major Research Projects funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Role of Synaptogenic Adhesion Molecules (SAMS) in Insulin Secretion : Effect of Diabetes and Hypoglycaemia	Dr. Ameer Nair	Science and Engineering Research Board (SERB), DST	29,40,000/=
2.	Development of Chimeric IL – 15 to Improve its Bioavailability and Efficacy	Prof. Sarat Dalai	Department of Bio Technology (DBT), New Delhi	35,00,000/=
3.	Infectious Status of Plasmodia	Prof. Sarat	Fund for Improvement	52,00,000/=

	Modulating the Innate Response in Determining the Fate of Liver-Stage Specific CD8+ T Cells that Ensure Long-Lived Protection Against Malaria	Dalai	of Science & Technology Infrastructure (FIST), DST, New Delhi	
4.	Regulation of MHC-II Expression : Immunity to Malaria	Prof. Sarat Dalai	Science Engineering Research Board (SERB), DST	35,00,000/=

Ongoing Major Research Projects Funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
	Elucidating the Role of Short Chain Fatty Acids (SCFAS) and its Receptors in High Sugar Diet Induced type II Diabetes	Dr. Sriram Seshadri	Gujarat State Biotechnology Mission (GSBTM)	22,52,000/=
	Investigation of the Regulatory role of mir-712 in Inflammation Induced Skeletal Muscle Insulin Resistance	Dr. Sriram Seshadri	Science and Engineering Research Board (SERB), DST	9,35,000/=

Sanctioned Major Research Projects Funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1.	Microbial Fuel Cell : An Approach for Waste Water Treatment with Generation of Green Electricity	Prof. Nasreen Munshi, Prof. Manisha Shah	29,90,700/=

Sanctioned Major Research Projects Funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Investigating the Role of CRC in Regulation of PQQ GDH Involved in MPS Phenotype of Acinetobacter SP and its Repression	Prof. Shalini Rajkumar	Science and Engineering Research Board (SERB), DST, New Delhi	38,73,000/=
2	Development of Integrated Waste Water Treatment Systems Using Alternative Innovative Approaches of Microbial Fuel Cells, Magnetic Nanoparticles and Vermicomposting with Water Hyacinth for Secondary Sludge Management	Prof. Nasreen Munshi, Prof. Chetna Chauhan, Prof. Manisha Shah This project is of interdisciplinary nature and combined with Institute of Science, Nirma University and Veer Narmad South Gujarat University	Gujarat State Biotechnology Mission (GSBTM)	48,96,574/=
3	Engineered Bioremediation Approaches for Onsite Treatment of Soil Contaminated with Crude Oil.	Dr. Nasreen Munshi, Prof. Shalini Rajkumar	Department of Biotechnology	77,75,700/=

Minor Research Projects

Completed Minor Research Projects Funded by External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Demographic Survey of Major Cities of Gujarat for Creation of Diabetic MAP	Dr. Ameer Nair	Gujarat Council on Science and Technology (GUJCOST)	1,46,000/=

Sanctioned Minor Research Projects Funded By External Funding Agency

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1	Biocompatibility of Two Experimental Scaffolds for Regenerative Endodontics	Dr. Ameer Nair	Noori Eye Hospital, Porbandar	1,10,500/=

Numbers of Teachers participated in national / international conference based on the acceptance of research paper: 10

Financial Year	National Conference		International Conference	
	Number	Amount	Number	Amount
2018-19	4	30,611	0	
2017-18	7	35150/-	0	
2016-17	3	17116/-	0	

Publication by Institute – International/ National Conference Proceedings, Institute Journals, dissertation abstracts, Ph. D. Thesis etc.

National Journals: 01, International Journals: 28

Financial Year	National Journal			International Journal		
	No. of paper published	No. of paper for cal. of aver. impact factor	Average impact factor	No. of paper published	No. of paper considered for cal. of aver. impact factor	Average impact factor
2018-19	01	01	01	28	19	3.03
2017-18	0	0	0	26	11	3.40

Ph.D Thesis Submitted: 08

No	Author	Title	Guide Name	Month & Year	Thesis no. in Koha
1	Patidar, Manoj	Development of Chimeric IL - 15 to Augment T - Cell Response and Memory	Prof. Sarat Dalai	Aug, 2018	ST000049
2	Krishnan, Aditi Mohan.	Inclusion of Non-target antigen in vaccination favors generation of OVA specific CD4 memory T cells	Prof. Sarat Dalai	Sept, 2018	ST000050
4	Saiyad, Nazia	A Study of Birth Defects: Genetic and Epigenetic Determinants	Dr. Sonal Bakshi	Sept, 2018	ST000051
5	Joshi, Chinmayi	Investigation on anti-pathogenic potential of potential of Panchvalkal and Punica granatum peel extract against certain human - pathogenic bacteria	Dr. Vijay Kothari	Sept, 2018	ST000054
6	Parmar, Rajesh	Infection nature of Plasmodium berghei sporozoite modulates APCs to induce better Liver-Stage memory CD8+T cells	Prof. Sarat Dalai	Dec, 2018	ST000056
7	Yadav, Naveen	Understanding the Plasmodium berghei Liver - Stage Specific CD8+ T Cells: Maintenance and Role in Liver Damage	Prof. Sarat Dalai	Sept, 2018	ST000057

Awards and Recognition (Institute/ Department/ Faculty)

- Dr. Kuldeep Verma, Assistant Professor received the grant from GSBTM, Gandhinagar for organizing the seminar series on CRISPR/Cas9 in Genome Editing.
- Prof. Shalini Rajkumar delivered an invited talk on ‘Phytobeneficial Rhizobacteria: Mechanism of Action and Roadmap to Sustainable Plant P Acquisition’ at National conference on Recent Trends and Emerging Issues in Microbiology and Pharmaceutical Biotechnology on March 15, 2019 organized by Department of Microbiology and Biotechnology, University School of Sciences, Gujarat University. Her talk was streamed live on MHRD SWAYA PRABHA channel.
- Prof. Sarat Dalai delivered an expert lecture on ‘Developing Effective Vaccine by mimicking natural Infection’ in 45th Refresher Course at the UGC-HRD Centre, S.P. University, Vallabh Vidyanagar, India on February 15, 2019.

- Dr. Ameer Nair was invited as an expert to chair the Oral Presentation Session during International Conference on Present-Day Biology: A Bastion for Social and Sustainable Development, organized by Department of Biochemistry And Biotechnology, St. Xavier's College, Ahmedabad, Gujarat, India on January 5, 2019.
- Dr. Ameer Nair delivered an expert lecture on "Basics of Animal Cell Culture" as a resource person in GSBTM sponsored TY/SY BT-CBC Crash Workshop preparing for JNU-CEEB-2018-19 organized by N-BT-CBC Pramukh Swami Science & H. D. Patel Arts College, Kadi (PSSHDA-KADI) on December 19, 2018.
- Dr. Nasreen S. Munshi was invited as a resource person for expert lecture on "Air and water pollution" in a Crash Course Program sponsored by GSBTM to prepare students for the National Level Competitive exams particularly JNU-CEEB-2018-19 on December 19, 2018, jointly organized by Gujarat State Biotechnology Mission, Gandhinagar and Department of Biotechnology, Pramukh Swami Science College, Kadi.
- Prof. Sarat Dalai delivered an invited lecture on '*P.berghei* infectious sporozoite effectively activates liver CD8 α ⁺DCs and promotes generation of memory CD8⁺ T cells to ensue long-lived anti-malaria sterile protection' in International Symposium on Malaria Biology organized at University of Hyderabad, November 3, 2018.
- Prof. Sarat Dalai delivered an invited lecture on 'Development of Stable, Bioactive Chimeric IL-15 with longer Half-Life' in 45th Annual Meeting Indian Immunology Society (Immunocon-2018) organized at THSTI, Faridabad November 2, 2018.
- Dr. Ameer Nair received consultancy project "Biocompatibility of two experimental scaffolds for regenerative endodontics" worth Rs.1.15 lacs from Noorie Eye Hospital, Kamlabaug, Porbandar during October 2018.
- Dr. Sonal Bakshi completed a MOOC course by Johns Hopkins University, "Understanding Cancer Metastasis", certificate by COURSERA on August 1, 2018.
- Vijay Kothari acted as Guest Editor for a thematic issue (Validation of traditional medicinal practices through modern scientific tools and techniques) of Current Pharmacogenomics and Personalized Medicine, volume 16, issue 1, published in July 2018 by Bentham Science Publishers.
- Vijay Kothari was invited to participate in a brainstorming meeting on "Traditional Medicine for Tackling Antimicrobial Resistance" at Foundation for Medical Research, Mumbai, on June 16, 2018.
- Dr. Nasreen Munshi was invited to chair a session on "Applied and Environmental Microbiology", and for oral presentation on "Bioremediation of aromatic hydrocarbon pollutants by the most abundant bacterial strain in industrial wastewater: *Pseudomonas citronellolis*" in 3rd International conference on "Applied Microbiology and Beneficial Microbes" held at Osaka, Japan during June 6-7, 2018.
- Vijay Kothari was invited to co-chair a session at World Ayurveda Congress on December 15, 2018, Ahmedabad.

Research Publications by Faculty

Total No. of publication: **29** Average impact factor: **3.03**

1. Avani Darji, Kaushal A, Nirav Desai and and Shalini Rajkumar (2018) Natural Killer Cells:

- From Defense to Immunotherapy in Cancer. *Journal of Stem Cell Research & Therapy* 8:3 DOI: 10.4172/2157-7633.1000419 (IF: 3.18).
2. Nazia Saiyed, Sonal Bakshi, Srinivasan Muthuswamy, Sarita Agarwal, (with Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow) “Young mothers and higher incidence of maternal meiosis-I non- disjunction: Interplay of environmental exposure and genetic alterations during halt phase in trisomy 21” accepted on 20th April 2018 in the journal “Reproductive Toxicology”, Elsevier Publications, [IF: 2.341 OF 2016; 5-Year Impact Factor: 3.202].
 3. Shivani R Pandya, Suhani Patel, Sonal Bakshi, Man Sing [with Central Uni. of Gujarat] “In vitro DNA Binding, antioxidant, antimicrobial and anticancer assessment of amino acid functionalized magnetic nanoparticles” accepted on 21st April 2018 in the journal “Applied Surface Science”, Elsevier Publications, (IF 3.387).
 4. Chinmayi Joshi, Pooja Patel, Abhishek Singh, Jinal Sukhadiya, Vidhi Shah, Vijay Kothari (2018). Frequency-dependent response of *Chromobacterium violaceum* to sonic stimulation, and altered gene expression associated with enhanced violacein production at 300 Hz. *Current Science*, 115 (1):83-90. (IF: 1)
 5. Madhavi Joshi, Saskhi Singh, Shivani Patel, Dhriti Shah and Ameer Krishnakumar, Identification of Small Molecule Activators for ErbB 4 receptor to Enhance Oligodendrocytes Regeneration by In Silico Approach, *Computational Toxicology*, 8: 13-20. (2018). ISSN 2468-1113. IF: yet to be assigned.
 6. Bhargava Arpit, Pathak Neelam, Seshadri Sriram, Bunkar Neha, Jain Subodh Kumar, Mishra Dinesh Kumar, Lohiya Nirmal Kumar, Mishra Pradyumna Kumar. Pre-Clinical Validation of Mito-Targeted Nano-Engineered Flavonoids Isolated From *Selaginella bryopteris* (Sanjeevani) As A Novel Cancer Prevention Strategy. *Anti-Cancer Agents in Medicinal Chemistry*, 2018, 18: 1-15 (IF: 2.598).
 7. Behera Soma, Kapadia Bandish, Kain Vasundhara, Alamuru-Yellapragada Neeraja, Murunikkara Vachana, Kumar Sireesh, Phanithi Prakash Babu, Seshadri Sriram, Shivarudraiah Prasad, Hiriyani Jagadheshan, Gangula Narmadha, Maddika Subbareddy, Misra Parimal, Parsa Kishore VL. ERK1/2 activated PHLPP1 induces skeletal muscle ER stress through the inhibition of a novel substrate AMPK. *BBA Molecular Basis of Disease*, 2018 1864(5): 1702-1716 (IF: 5.476).
 8. Navneet Bung, Sobhitha Surepalli, Sriram Seshadri, Sweta Patel, Saranya Peddasomayajula, Lalith Kummari, Sireesh Kumar, Prakash Babu Phanithi, Kishore Parsa, Rajamohan Poondra, Gopalakrishnan Bulusu, and Parimal Misra. 2-[2-(4-(trifluoromethyl)phenylamino)thiazol-4-yl]acetic acid (Activator-3) is a potent activator of AMPK. *Nature Scientific Reports*, 2018: 8:9599, DOI:10.1038/s41598-018-27974-1 (IF: 4.259).
 9. Vishakha Bhurani, Aditi Mohankrishnan, Alexandre Morrot, Sarat K. Dalai* Developing Effective Vaccine: Cues from Natural Infection. (*International Reviews of Immunology* doi.org/10.1080/08830185.2018.1471479) (IF: 2.933)
 10. Intrauterine growth restriction associated with paternal isodisomy of chromosome 5: a clinical report and literature survey. Fulesh Kunwar, Rebecca Pabst, Sonal Bakshi, *The Journal of Maternal-Fetal & Neonatal Medicine*, 2018. <https://doi.org/10.1080/14767058.2018.1506443> [Taylor & Francis, Print ISSN: 1476-7058 Online ISSN: 1476-4954]. [acceptance on 27 July 2018], IF:1.493.
 11. Manoj Patidar, Naveen Yadav, and Sarat K. Dalai* Influence of Length and Amino Acid Composition on Dimer Formation of Immunoglobulin based Chimera (*Current Pharmaceutical Design*, doi:10.2174/1381612823666171018115206) (IF: 2.757)
 12. Aditi Mohan Krishnan, Hardik Patel, Vishakha Bhurani, Rajesh Parmar, Naveen Yadav, Niyam Dave, Sonal Rana, Somnath Gupta, Jagdish Madariya, Prerak Vyas and Sarat Kumar Dalai (2018) Inclusion of Non-target antigen in vaccination favors generation of OVA specific CD4 Memory T cells , *Cellular Immunology* Accepted November 2018 Impact Factor: 2.99

doi.org/10.1016/j.cellimm.2018.11.005

13. Patel P, Joshi C, Funde S, Palep H, Kothari V. Prophylactic potential of a Panchgavya formulation against certain pathogenic bacteria. *F1000Research* 2018, 7:1612 (<https://doi.org/10.12688/f1000research.16485.1>). IF: 1.6
14. Kuldeep Verma, Sunando Datta (2018) *Rab GTPases take centre stage in understanding Entamoeba histolytica biology, Small GTPases*, (Taylor Francis,UK)DOI:10.1802/21541248.2018.1528840
15. Rahul Pasupureddy, Atul, Sriram Seshadri, Veena Pande, Rajnikant Dixit and Kailash C. Pandey. Current scenario and future strategies to fight artemisinin resistance. *Parasitology Research*, 2019, 118(1): 29-42. IF: 2.55
16. Manita Das, Archana Solanki, Apeksha Joshi, Ranjitsinh Devkar, Sriram Seshadri and Sonal Thakore. β -cyclodextrin based dual-responsive multifunctional nanotheranostics for cancer cell targeting and dual drug delivery. *Carbohydrate Polymers*, 2019, 206: 694–705. IF: 5.1
17. Rahul Pasupureddy, Sonia Verma, Akansha Panta, Ruby Sharma, Sriram Seshadri, Veena Pande, Ajay K.Saxena, Rajnikant Dixit and Kailash C.Pandey. Crucial residues in falcipains that mediate hemoglobin hydrolysis. *Experimental Parasitology*, 2019, 197: 43-50. IF: 1.82
18. Dipeeka Mandaliya and Sriram Seshadri. Short Chain Fatty Acids, pancreatic dysfunction and type 2 diabetes. *Pancreatology*, 2019, 19: 280-284. IF: 2.76
19. Sweta Patel, Dipeeka Mandaliya, Bhumika Prajapati, Sunny Kumar and Sriram Seshadri. Cefdinir Microsphere modulated microflora and liver immunological response to diet induced diabetes in mice. *Endocrine, Metabolic & Immune Disorders-Drug Targets*, 2019, 19(3): 349-357. IF:2.01
20. Hardik Patel; Nouf Althubaiti, Rajesh Parmar; Naveen Yadav; Urja Joshi, Rajeev K. Tyagi, Urszula Krzych, Sarat K. Dalai*. Parasite load and Immunization route determine duration of liver-stage Immunity (*Parasite Immunology*, doi.org/10.1111/pim.12622). IF:3.0
21. Aditi Mohankrishnan, Hardik Patel, Vishakha Bhurani, Rajesh Parmar, Naveen Yadav, Niyam Dave, Sonal Rana, Somnath Gupta, Jagdish Madariya, Prerak Vyas and Sarat K. Dalai* Inclusion of Poorly Immunogenic non-target antigen in vaccination favors generation of OVA specific CD4+ Memory T cells (*Cellular Immunology*, doi.org/10.1016/j.cellimm.2018.11.005) IF: 3.1
22. Trivedi VB, Chaudhary AA, Pandya KG, Dalai SK and Trivedi HL (2019). Incidence of BK virus infection in Renal Transplant. *Int. J. Biology, Pharmacy and Allied Sciences*, 8(2): 365-372 IF:1.3
23. Manoj Patidar, Naveen Yadav, and Sarat K. Dalai* Designing of suitable linkers for the chimeric proteins to achieve the desired flexibility and extended conformation (*International Journal of Computational Biology and Drug Design*, <http://dx.doi.org/10.1504/IJCBDD.2018.10015807> Impact Factor: 2.8
24. Pooja Patel, Chinmayi Joshi, Vijay Kothari (2019). “Antipathogenic Potential of a Polyherbal Wound-Care Formulation (Herboheal) against Certain Wound-Infective Gram-Negative Bacteria,” *Advances in Pharmacological Sciences*, vol. 2019, Article ID 1739868, 17 pages, 2019. <https://doi.org/10.1155/2019/1739868>. IF: 2.4
25. Joshi C, Patel P and Kothari V (2019). Anti-infective potential of hydroalcoholic extract of *Punica granatum* peel against gram-negative bacterial pathogens [version 1; referees: awaiting peer review]. *F1000Research*, 8:70. (<https://doi.org/10.12688/f1000research.17430.1>). IF: 1.6
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28. Priya Patel, Hiteshi Patel, Dhara Vekariya, Chinmayi Joshi, Pooja Patel, Steven Muskal, Vijay Kothari (2019). Sonic stimulation, and low power microwave radiation can modulate bacterial virulence towards *Caenorhabditis elegans*. *Anti-infective Agents* (in press). DOI: 10.2174/2211352516666181102150049.: <https://doi.org/10.1101/351924>. IF: 0.4
29. Pooja Patel, Chinmayi Joshi, Vijay Kothari (2019). Anti-pathogenic efficacy and molecular targets of a polyherbal wound-care formulation (Herboheal) against *Staphylococcus aureus*. *Infectious Disorders - Drug Targets*, (19). DOI: 10.2174/1871526518666181022112552. IF: 1.2

Other Publications (Book Chapter: 08)

- 1) Anwasha Mukherjee, Rushika Patel and Nasreen S. Munshi (2018). Propollents of microbial fuel cells. In “Progress and recent trends in microbial fuel cells” 1st edition, Ed. Patit Kundu, Kaingshuk Dutta, Elsevier, pp: 167-191 ISBN: 978-0-444-64017-8.00010-5. Doi.: 10.1016/B978-0-444-64017-8.00010-5
- 2) Bhagya Iyer and Shalini Rajkumar (2018). Rhizobia. In: Reference Module in Life Sciences, Elsevier, ISBN: 978-0-12-809633-8, <http://dx.doi.org/10.1016/B978-0-12-809633-8.13104-8>
- 3) Vijay Kothari, Pooja Patel, Chinmayi Joshi (2018). Chapter 13: Modulation of microbial quorum sensing: Nanotechnological approaches. In: Design of Nanostructures for Versatile Therapeutic Applications (Ed. Alexandru Mihai Grumezescu) Elsevier. p. 523-564. ISBN: 0128136685, 9780128136683.
- 4) Vijay Kothari, Chinmayi Joshi, Pooja Patel, Deepa Shahi, Charmi Mehta, Bhumika Prajapati, Sweta Patel, Dipeeka Mandaliya, Sriram Seshadri (2018). Chapter 8: Nanotechnological approaches to colon-specific drug delivery for modulating the quorum sensing of gut-associated pathogens. In: Design of nanostructures for versatile therapeutic applications (Ed. Alexandru Mihai Grumezescu) Elsevier. p. 325-378. ISBN: 0128136685, 9780128136683.
- 5) Vishakha Bhurani and Sarat Kumar Dalai* (2018) Therapeutic potentials of IL-10 vs IL-12. IntechOpen: Immunotherapy ISBN 978-953-51-6100-4
- 6) Nikunj Tandel, Devang Trivedi, Aditi Mathur and Sarat Dalai*. Application of radiation technology: a novel vaccine approach to induce protective immunity against malaria infection. IntechOpen: Ionizing and Non-ionizing Radiation (Accepted)
- 7) Dipeeka Mandaliya, Sweta Patel and Sriram Seshadri. Fiber in Our Diet and Its Role in Health and Disease. In: Rani, Vibha, Yadav, Umesh C. S. (Eds.) Functional Food and Human Health. Springer-Nature, ISBN: 978-981-13-1122-2 (2018), 247-255.
- 8) “Nano in fine print”: Suhani Patel, Sonal Bakshi. Under the initiative of Gujarat National Law University, a Gov. of Gujarat funded project: theme of “Red Biotechnology: Issues, Challenges & regulatory Framework”, (2018) Daya Publication house of Astral International Private Limited, New Delhi. ISBN: 978-93-5124-92-7 (HB).

Citation Index of faculty member and Impact factor

Sr.No.	Faculty Name	Citation	H Index
1	Prof. Sarat K. Dalai	716	13
2	Prof. Shalini Rajkumar	663	14
3	Dr. Sonal Bakshi	280	10
4	Dr. Sriram Seshadri	987	19
5	Dr. Vijay Kothari	700	13
6	Dr. Nasreen Munshi	40	2
7	Dr. Ameer K. Nair	260	8
8.	Dr. Dablulal Gupta	175	5
9.	Dr. Kuldeep Verma	44	4

On-going research collaboration

- **Dr. Nasreen S. Munshi**, Assistant Professor, Institute of Science, Nirma University (PI) and Dr. Manisha Shah, Electrical Engineering Department, Institute of Technology, Nirma University (CoI) are currently collaborating to carry out the Nirma University funded Major Research Project on “Microbial Fuel Cell: An Approach for Wastewater Treatment with Generation of Green Electricity”. Sanction No. NU/Ph.D./Major Res Pro/IS-IT/18-I9/01 dated 2nd April, 2018.
- **Dr. Sonal Bakshi** (CoI), Assistant Professor, Institute of Science, Nirma University is working jointly with **Prof. Priti Mehta**, Institute of Pharmacy, Nirma University on the major project title ‘Development of neoadjuvant from medicinally important bamboo plants for radiotherapy in cancer’ sponsored by Ministry of AYUSH, Govt. of India.
- **Dr. Ameer Nair** (PI), Assistant Professor, Institute of Science, Nirma University is jointly working with **Dr. Kiran K. Shah**, Consultant Physician and Cardiologist, K.K Memorial Hospital, Asarwa on GUJCOST minor project titled “Demographic survey of major cities of Gujarat for creation of Diabetic map”
- **Dr. Sriram Seshadri** (Co-PI), Assistant Professor, Institute of Science, Nirma University is jointly working with **Dr. Parimal Mishra** (PI), Dr. Reddy’s Lab, Hyderabad and **Dr. Kishor Parasa** to carry out the DST- SERB project "Investigation of the regulatory role of miR-712 in inflammation induced skeletal muscle insulin resistance"
- **Dr. Sriram Seshadri**, Assistant Professor, Institute of Science-Nirma University has collaboration with Dr. Sonal Thakor, M.S. University for drug toxicity assays of nanoformulated cancer drug.

New Collaborations

- 1) **Dr. Nasreen Munshi** received Rs. 77.757 lakhs in DBT Networking Project on “Engineered bioremediation approaches for onsite treatment of soil contaminated with crude oil”. Total Project Costing Rs. 8.43 Crores involving nine National Institutes. Participating Labs: (i) Assam University, Silchar, Assam; (ii) CSIR-NIO, Goa; (iii) CSIR-IITR, Lucknow; (iv) Institute of Advanced Study in Science & Technology (IASST), Assam; (v) IIT-Bombay, Mumbai, (vi) IIT-Delhi, New Delhi; (vii) Institute of Science, Nirma University, Ahmedabad; (viii) The Energy and Resources Institute, New Delhi; (ix) ONGC.
Sanction No.: BT/PR30261/BCE/8/1495/2018 dated 19th March, 2019. Duration: 3 year
- 2) **Dr. Nasreen Munshi** received Rs. 22.228 lakhs from GSBTM Funded Collaborative Project on “Development of integrated wastewater treatment systems using alternative innovative approaches of Microbial Fuel Cells, Magnetic Nanoparticles and Vermicomposting with Water Hyacinth for secondary sludge management”. Total Project Costing Rs. 48.97 Lakhs involving five Institute from Gujarat. Participating Labs: (i) Institute of Science, Nirma University, Ahmedabad; (ii) Electrical Engineering Department, Institute of Technology, Nirma University; (iii) HVHP Institute of Post Graduate Studies and Research, Kadi University; (iv) Electronics and Communication Department, Institute of Technology, Nirma University; (v) Department of Biosciences, Veer Narmad South Gujarat University, Surat. Sanction No.: GSBTM/ JDR&D/ 604/2019/305 dated 19th March, 2019. Duration: Three years

Internal Resources Generated (Consultancy, MDP/Programme for industries, any other)

Dr. Ameer K Nair received and completed minor project titled “Biocompatibility of two experimental scaffolds for regenerative endodontics” worth Rs.1,10,500 from Noorie Eye Hospital, Kamlabaug, Porbandar Project (January 2019).

Dr. Nasreen S. Munshi carried out the ongoing one year consultancy project worth Rs. 12,82,424 from Shukla Ashar Impex Pvt. Ltd., Rajkot entitled “Evaluation of Green Clean for potentiality of oil/hydrocarbon degradation”, from Shukla Ashar Impex Pvt. Ltd., Rajkot (December, 2017). Second installment Fund of Rs. 7,72,310 received during May, 2018.

Revenue generated

Financial Year	Consultancy (Rs.)
2018-19	8,82,810/-
2017-18	5,10,114/-

Extension Activities/ Community Services by Institute/ Department

- On April 10, 2018, 85 M.Sc. students who had contributed 1,000+ photos for the initiative of **Voice of Specially abled people** were felicitated. The certificate award ceremony was done in the august presence of corporate leader and philanthropist Shri Piyush Desai, Chairman of Waghbakri Tea and Voice of SAP leadership team of Ahmedabad: Shri Rohit Shah, Manisha Pathak, Ashish Deliwala and Hardip Dave gave VOSAP certificate of volunteering. Top 10 volunteers were given VOSAP t-shirts and also shared their experience. Voice of SAP thanks Dr Anup Singh, Director General (Vice Chancellor) of Nirma University to support the mission and his meeting with VoSAP team. Dr Sonal Bakshi, professor of Institute of Science and her colleague Ms Chhavi Kochar who were supported by Dr Dalai, coordinated the event.
- The B.M. Institute of Mental Health, Ahmedabad is known for the excellent contribution in the field of education and training of Divyang children since more than 60 years. There is an **MOA** for genetics research and extension activities between ISNU and BM Institute since 2012. They requested hosting an **exhibition and sale of rakhi** made by the special children at ISNU to which the Student Association members and faculty coordinators responded warmly. The team of BM institute comprising of 3 faculty members and 15 special children visited ISNU on Saturday, 18th Aug 2018. They were happy to see the response by the students and sale of rakhi worth more than 4000/- Rs. They were also given gifts like board games to share with rest of the children. The team thanked the ISNU students and expressed their wish to visit again for the sale of decorative diya prepared by special children.
- Institute of Science organized "**Restart a Heart Day**" celebration with renowned Anesthesiologist Dr. Rasesh Diwan and team, including Emergency medicine experts. Around 60 students of Institute of Science and Pharmacy got demonstrations and hands-on training for compression as only life saving techniques. Dr. Sonal Bakshi with Student Welfare Board of Nirma University organised the event on 23rd Oct, 2018. The students actively took part in the training programme.
- M.Sc. students of semester-2 visited **Miroli village** on 16th March, 2019 to organize a **De Addiction** Camp in association with **SATPRERNA TRUST**, an NGO based in Chandkheda, Ahmedabad. Students had planned very creative and effective activities to convey the message amongst the villagers where men, women and even children are not free from addictions like Cigarette, Gutkha and liquor. A group of students went door to door to bring the villagers and convinced them to attend the programme at the village school, where not only school students but other village children with parents participated with full zest and zeal. M.Sc. **students presented a skit** showing the life of an addicted family and the painful consequences. The skit was so impactful that the entire audience got emotional and some had tears in their eyes. Along with the NGO coordinator Ms. Kirti, the villagers and young children took the pledge to never touch ‘this poison’ again in their life time. They filled up the forms for taking pledge for the same and in the end students distributed Khushali Sumukha, a herbal preparation by the NGO as the substitute of Gutkha amongst the villagers. ISNU students got an opportunity to see a different side of life which will certainly leave a life-time impact on their minds and feeling of empathy and motivate them for the service to the society in addition to personal growth.

New MoU Signed/Collaborative activities done related to MoU/tie-ups with other organization

Institute of Science Nirma University signed an MoU with the University of South Florida, Morsani College of Medicine, Florida, USA on February 5, 2019. It was aimed to strengthen the research and academics and was initiated after Dr. Vrushank Dave, Associate Professor had visited ISNU to deliver a talk in December 2017. The International Relations office of Nirma University facilitated one week visit of Dr. Vrushank Dave to ISNU during 11th to 16th March 2019 during which three rounds of discussion regarding cancer research were carried out.

Dr. Vrushank Dave delivered public lecture on 14th March, Thursday entitled “Precision Medicine: Making and Breaking Avatar Networks” regarding advance technique of mouse models. Dr. Sonal Bakshi, coordinator of IR from ISNU and Dr. Dave had planned four sessions of two hours each on “Seminar Series and Workshop on “Molecular Biology to Therapeutics on Cancer and other Diseases” followed by interaction for M.Sc. and Ph.D. students. These included basics and updates in cancer research, career guidance and opportunities abroad for M.Sc. students, and research as career. The session generated interest in M.Sc. students not only for Cancer Biology but research as a career.

Linkages with national/ international academic/ research bodies

The faculty members are having linkages with

- THSTI, Faridabad
- Jawaharlal Nehru University (JNU) New Delhi
- All India Institute of Medical Sciences, New Delhi
- National Institute of Immunology (NII) New Delhi
- Indian Institute of Science (IISc) Bangalore
- SGPGI Lucknow
- Maharaja Sayajirao University (MSU) Baroda
- University of Kolkata, Kolkata
- Indian Institute of Advanced Research (IIAR), Gandhinagar
- Gujarat State Biotechnology Mission (GSBTM), Gandhinagar
- Forensic Science Laboratory (FSL) Gandhinagar
- Gujarat Cancer Research Institute (GCRI), Ahmedabad
- Xcelris Genomic Lab, Ahmedabad
- Department of Nanoscience, Central University of Gujarat
- Supratech Genopath Laboratory, Ahmedabad
- AGILE lab, New Delhi
- GPS bio, Hyderabad
- Unipath laboratory

The main purpose of these linkages is to build up a strong research group and submitting joint project proposals for external funding.

IV. Infrastructure and Learning Resources

Library – Learning Resources added

Sr.No.	Resources	Number
1	Books (Volumes)	2,469
2	Books (Titles)	2151
3	Print Periodicals	6
4	E-journals	9
5	Newspapers	4
6	Electronic Media (CD-ROMs)	104
7	Photo Albums	27
8	Project Reports	330
9	Bound Volumes	408

Laboratory facilities – Major additions

Institute of Science successfully implemented DST-FIST (Govt. of India) grant of Rs. 90 lakhs for infrastructure at ISNU for purchase of three major equipment.

- The institute purchased Attune Flow cytometer (14 parameters) from Thermo Fischer worth Rs. 48/- during September, 2018.
- A motorized fluorescence microscope model Nikon Eclipse Ti2 worth Rs. 22 Lakhs was purchased during February 2019.
- The Labtronics fermenter worth Rs. 10 Lakhs was third instrument purchased during March 2019. This would greatly enhance the quality of research and research paper publication.

V. Students Support and Progression

Admission details with cut-off percentage marks – category wise

Name of the programme	No. of applicants	Cut off (As per NU Entrance)		No. of students admitted
		First	Last	
M.Sc. in Biotechnology	282	03	126	38
M.Sc. In Biochemistry		03	180	25
M.Sc. In Microbiology		06	88	28

Student Achievements

1. DST-SERB awarded financial assistance to Nazia Mohammed Ahmed Saiyed for participating in American Society of Human Genetics, 2018, USA held during 16 October, 2018 to 20 October, 2018.
2. Shikha Tewari, Ph.D. student of Dr. Sonal R. Bakshi has been awarded Senior Research Fellowship by the ICMR for her project “Study of cellular response to radiation and effect of herbal extracts”.
3. Aditi Mathur, Ph.D. student working with Prof. Sarat Dalai has been awarded with Senior Research Fellowship by the ICMR for her project “Role of Non-Target Antigens in determining Immunogenicity of Target Antigen to Induce Protective Immunity”.
4. Hrimkar Buch won first prize for the P.G level oral presentation on 'Molecular mechanisms controlling the circadian rhythmic cycle' in the ‘Science excellence- 2018’ meet at Gujarat University on September 20, 2018 organized by the Department of Botany, Bioinformatics and climatic change impact management.
5. Boman Doctor won second prize in PG level poster presentation and his topic was 'Nanoparticle mediated brain drug delivery' in the ‘Science excellence- 2018’ meet at Gujarat University on September 20, 2018 organized by the Department of Botany, Bioinformatics and climatic change impact management.
6. Ph.D. students of Dr. Nasreen S. Munshi, Priya Patel and Rushika Patel won best poster award with 150\$ cash prize. Details of Poster presentation is as follow: Rushika Patel, Priya Patel, Rajesh Chudasama, Rutuja Solanki, Anwasha Mukherjee, Krupali Parmar and Nasreen S. Munshi (2018). "Structure prediction and docking studies of TbuT and PhnR regulatory proteins involved in detection of aromatic hydrocarbon compounds", presented in International Conference on Microbiome Research (ICMR-2018) organized by National Centre of Microbial Resource (NCMR) and National Centre for Cell Science (NCCS), University of Pune Campus, Ganeshkhind, Pune, India, November 19-23, 2018.

Value added courses

A course on “Introduction to Professional Ethics, Rights & Duties” is offered in Semester- II which is compulsory for all the students.

Co-curricular activities organized

- 1) Svetal Shukla, ISNU library, delivered orientation lecture on “Information Sources and Services” on July 4, 2018; and hands on training to new MSc students on July 7, 2018.
- 2) ISNU Library, celebrated Library week during 13th August to 18th August, 2018 in which different activities like book display, pick and choose quiz were organised.
- 3) ISNU Library, celebrated 150th birth anniversary of Mahatma Gandhi from 3rd October to 6th October, 2018 by displaying of books and quiz competition on “Mahatma Gandhi” theme.
- 4) Svetal Shukla, ISNU Library delivered a lecture on “Referencing” under Research Methodology for Sem III students on 25th October, 2018.
- 5) ISNU Library, celebrated “National Science Day” on 28th February, 2019 and organized Skit on the theme of “Act your Biological process”.

Student Club in the Institute

Sport Activities

Keeping up the tradition, this year too, Institute of Science organized the institute level various athletic and team game events during Oct 4-10, 2018. Institute of Science also hosted the inter institute Volleyball and Badminton tournament in University Annual Sports Meet 2018 during the Oct 22-23, 2018. Students of ISNU secured 2nd position in badminton (mixed and girls doubles) at university level.

Youth Welfare and Cultural activities

Essay Writing Competition

INSSA Student’s Association of Institute of Science organized the Essay writing competition on the topic ‘Balance for Better’ to commemorate Women’s day Celebration on March 8, 2019. 8 students participated in the competition.

Tilak Holi Celebration

With the motto to celebrate the Festival of Colors, Holi, Team INSSA organized Tilak Holi on March 1, 2019 with the motto ‘Save Water’. INSSA members celebrated Tilak Holi with faculty staff and students in an eco-friendly manner without using water. A total of 120 students took part in this event.

NUZEAL 2019

The Inter-Institute cultural competition-NUZEAL 2019 was held during February 5-6, 2019 at Nirma University. Institute of Science under the coordinatorship of Ms. Zankruthi Hathi hosted the literary events at Seminar Hall, A Block. Various competitions under fine arts, theatre, singing, dancing and literary events were held during the 2 days event. A total of 11 students from ISNU participated in screening rounds of various events. Finally 6 students (4 girls and 2 boys) were selected in final round of the events. Boman Doctor of MSc Biochemistry Sem-II, received first prize in the face painting contest.

Ramzat 2018

Institute of Science organised the Annual Ras-Garba programme- ‘RAMZAT 2018’ on 20th October, 2018 at Cricket ground, Nirma University. Institute of Science carried out the duties for Prasad Distribution. Total 106 students (84 girls and 22 boys) participated in the event. Anand Salvi of MSc Biochemistry Sem-I won the first prize for the Best Dressing (Male category).

Renaissance 2018

Institute of Science celebrate Renaissance 2018- the Annual Cultural Festival of the Institute during Sep 18-19, 2018 under the auspices of Board for Student's Welfare, Nirma University at the 'C' auditorium. This year there was enthusiastic participation by students (97 students, including 77 girls and 20 boys) which was 15% more than last year. They showed whole-hearted participation in various events of fine arts, theater, literary, singing and dance events, Mime, Skit, Debate, Elocution, Collage, Spot Painting, T-Shirt Painting, Cartooning, Rangoli, Solo Dance, Group Dance, Solo song, Group Song. Smt. Vibha Desai, the renowned Gujarati singer was the Chief Guest of the inaugural function on Sep 18, 2018. The Valedictory & Prize distribution function was conducted on 19th September, 2018. Prof. Sarat Dalai, Smt Annapurna Shukla, Dr. Ameer K Nair, Shri Bhavesh Parekh gave away the trophies and certificates to the winners.

Teacher's Day Celebration

Teacher's Day was celebrated at the Institute on 5th September 2018 and organised by Student Association (INSSA). Short programmes of singing and poetry recitation were conducted. INSSA also organised musical chair competition for teachers. Students distributed sweets to commemorate the event.

Patriotic Song Competition

Eight students from ISNU participated in University level Patriotic song competition held on August 13, 2018 at IMNU auditorium as a part of pre-Independence Day Celebration.

Independence Day Celebration

Institute of Science was the host for 71st anniversary celebration of Independence Day. Smt. Justice Abhilasha Kumari, Hon'ble Chairperson, Gujarat State Human Rights Commission was the Chief Guest of the Flag Hoisting Ceremony.

Talent Hunt

As a part of the orientation programme of the newly inducted MSc Semester- I students, talent hunt programme was conducted on 6th July 2018. Students actively participated in drawing & cartooning, singing, dancing, mimicry and mono act events. Anand Salve got first position in Folk dance, Swaroo Kundu and Dipali Das won First position in Contemporary Dance event for boys and girls respectively, Boman Doctor and Sreeja Oommen won first position in singing event for boys and girls respectively. Hrimkar Buch and Yaurva Joshi gave the best performance for elocution and mimicry, respectively. Boman Doctor took away the prize for best drawing. Several students volunteered to be part of cultural activities and sports activities committee.

No. of students who have cleared the competitive examinations

Students from ISNU who qualified national level competitive exams are:

- CSIR-NET : 01
- GATE : 01

Alumni Association – Activities Supporting Students

The ninth meeting of Alumni Association of Institute of Science (ISNUAA) was held on 05th January, 2019 at IPNU Seminar Hall. The meeting was attended by all teaching and non-teaching staff members of Institute of Science. The programme started with prayer and lighting of lamp. Dr. Sarat Dalai, President, ISNUAA, explained the significance of alumni reunion and growth of the institution. Prof. Sarat Dalai, Director, ISNU, also addressed the gathering emphasizing on role of alumni in development of their alma mater. He suggested on greater cooperation and interaction between alumni and the Institute. The General Body Meeting was also conducted at the end where Dr. Sonal Bakshi, Dr. Sriram Seshadri, Dr. Vijay Kothari, Dr. Kuldeep Verma and Dr. Dablu Lal Gupta were present. The

major agendas of General Body meeting was to update the list of alumni members, role of students in alumni network, representation of every batch in the alumni association, to utilize the rich experiences of old students of the institute for the benefit and progress of the present students, to provide guidance to the present students in their endeavor for better employment and higher studies and to promote the campus placements through the old students working in reputed industries in India and abroad. Dr. Sonal Bakshi, Vice President, ISNUAA highlighted the achievements of alumni and discussed the agenda with the members. The programme ended with vote of thanks by Dr. Dablu Lal Gupta, Secretary, ISNUAA.

Activities of Guidance and Counseling Unit

The guidance and counseling unit of the institute works throughout the year. The main activities has been in the identification of students, both academically and communication wise. These students are given special guidance by providing them with the baseline information, and handout so as to enable them to have their basic concepts strengthened. Remedial Classes were conducted and unit wise evaluation was done to improve their writing and presentation skills. With respect to enhancing the communication skills, the students are given the assignment of reproducing the content of any non-academic article in their own works and the same is evaluated by the respective counseling faculty. The students after 3-4 sessions have started showing considerable results.

Placement Details

In the last academic year, 23 students have been placed in various reputed organizations as on 8th May, 2019. Some more students are expected to be placed in coming days as the campus placements are under process at Cliantha research, Cadila pharma, Zydus Biotech, Allen Institute. The companies that conducted interviews, includes Akash Institute, Sun Pharma, Intervein Labs, Zydus Research Centre, Contech BPO, Veeda Clinical Research, Intas celestial, Mecca Healthcare, IQVIA etc.

Students have been trained in interview etiquette, resume writing, group discussion, presentation making, professional SWOT analysis etc for more than 16 hours in totality. Students were given practice through mock interview once while they are in their final semester and feedback was shared with all the students.

Institute

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Law

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Outstanding Achievements and important activities

Award and Rankings

Awards

The Legal Aid Clinic, Institute of Law, Nirma University received the Award of Excellence for Contribution in Social Justice and Legal Aid from Knowledge Steez & Youth for Human Rights, India. The Award was given at the 3rd National Conference on Human Rights & Gender Justice 2018 held at the Indian Law Institute, New Delhi on June 23, 2018.

Rankings

- Ranked Eighth in Best Law College among the private law colleges in India, The Week, June-2018.
- Ranked Fourth in Best Private Law college among the western zone in India in June-2018, The Week, June-2018.
- Ranked Eighth in Best Professional Law colleges in India, Outlook June 2018.

Institute Activities

International Conference on Justice Education

Institute of Law, Nirma University organized the International Conference on Justice Education, on the theme of AI and its Legal Implications March 15-16, 2019 in collaboration with the Advanced Centre on Research, Development and Training in Cyber Law & Forensics, NLSIU Bengaluru, Cyril Amarchand Mangaldas, Privy Legal Service LLP, Centre for Internet and Society- Access to Knowledge, Infinity Law- Tech Educational Services (ILTES), Jus Dicere, Saarthi AI, Lex Warriar and EBC.

The Chief Guest of the inaugural session of the Conference was Hon'ble Mr. Justice B. N. Srikrishna, Former Judge, Supreme Court of India. The Keynote speakers for the inaugural session were Dr. Hari Krishna Maram, Chairman and Founder CEO, Imperial College; Dr. Steven Robinson, Former Special Advisor, Office of the Secretary, US Department of Education. Dr. Karsanbhai K. Patel, President, Nirma University presided over the function.

In order to foster research in Law and Artificial Intelligence, a Centre for Artificial Intelligence has been set up at the Institute. The Centre was inaugurated by Hon'ble Mr. Justice B. N. Srikrishna.

International Seminar on Transnational Litigation

The Institute organized an International Seminar on Transnational Litigation on March 23-24, 2019. Shri Dushyant Dave, Senior Advocate, Supreme Court of India was the Chief Guest of the inaugural session. Dr. Stephen G Barnes, Associate Dean, Penn State Law, Pennsylvania State University, USA was the Guest of Honour. Prof William Fox, Dean and Professor of Law, Columbus School of Law, The Catholic University of America, Washington, USA and Dr. Manoj Kumar, D Litt., Founder and Managing Partner, Hammurabi and Solomon were the Keynote Speakers. Mr. Hiren K. Patel, Managing Director, Nirma Limited presided over the inaugural session.

National Conference on International Humanitarian and Refugees Law

Centre for Human Rights Law, Institute of Law, Nirma University organized the 7th edition of its annual flagship event – National Students' Conference on International Humanitarian and Refugees Law in association with the International Committee of Red Cross and the United Nations High Commissioner of Refugees on 08th August, 2018. The Chief Guest of the conference was Dr. Manoj Kumar, Director, Indian Law Institute and Prof. Nagendra Singh, Professor Emeritus, Maharshi Law School was the Guest of Honor.

Convocation for the 7th Batch (Batch 2013) of ILNU students

The 25th Nirma University Convocation was held on April 24, 2018 on the Nirma University campus. The 7th Batch of Law students of the Five Year Integrated B.A., LL.B. (Hons.) and B.Com. LL.B. (Hons.) Programme received the degree at this Convocation. Total 211 students graduated this year (103 students of B.A., LL.B. (Hons.), 56 students of B.Com. LL.B. (Hons.) and 52 students of B.B.A., LL.B. (Hons.). Shri Deepak Kumar Hota, Chairman and Managing Director, Bharat Earth Movers Limited, Bangalore was the Chief Guest of the function.

Talk on 'Legal Research'

A Talk on “Legal Research” for the students of Semester II was conducted at the Institute on April 5, 2018. The lecture was delivered by Dr. Akil Saiyed, Professor and Dean Faculty of Law, Parul University, Vadodara.

Interactive Sessions at various cities

The Institute in collaboration with E3 Events & Managements Pvt. Ltd., Patna organized interactive session with the CLAT 2018 aspirants along with their parents in various cities across the country.

Varanasi, Hotel Taj Gateway	May 14, 2018
Allahabad, Hotel Kanha Shyam	May 16, 2018
Kanpur, Hotel Landmark	May 18, 2018
Lucknow, Hotel Levana	May 21, 2018
Ranchi, Hotel Capitol Hill	May 29, 2018

Grand Moot Felicitation Ceremony

The Institute organized a grand moot felicitation ceremony on April 4, 2018 to commemorate the winning and successful participation of students representing the Institute in various moot court competitions/mock events. In the ceremony, the Director congratulated all the winners/participants for their achievements in the event/s.

Farewell to Batch 2013

The Institute organised farewell function to bid adieu to the Batch of 2013 students. The event was organised by the Institute on April 5, 2018 at the Nirma University Campus. The farewell programme with felicitation to the students was organised at the ILNU premises on the eve of April 5, 2018, which was followed, by musical dance programme and dinner. The letter for appreciation was given to the students who have contributed by their service in different committees during their study at the Institute. A memento with certificate was given to all the students.

Orientation Programme for the 12th ILNU Batch (2018-2023)

A two-week Orientation Programme for the 12th ILNU Batch of the Undergraduate Programme (Batch 2018) of BA LLB (Hons) and B Com LLB (Hons) was organized from July 12, 2018. The inaugural function of the Programme was presided over by Hon'ble Mr. Justice C K Thakker, Judge (Retd.), Supreme Court of India. The guests of honour for the inaugural function were Prof Dr. R. Venkata Rao, Vice Chancellor, National Law School of India University (NLSIU), Bangalore and Shri K. K. Patel, Vice President, Nirma University. Prof. (Dr.) Jyotsna Yagnik, Former Principal Judge, City Civil and Sessions Court, delivered the keynote address at the inaugural session.

Orientation Programme for LLM Students

Center for Post Graduate Studies, Institute of Law, Nirma University organized an orientation programme for the LLM students. The speakers at the programme and their respective point of discussions were: Prof. (Dr.) Purvi Pokhariyal on vision and mission of the Institute, Dr. Madhuri Parikh, about CPGLS, Dr. Tarkesh Molia, about the academic regulations of LLM, Dr. Samiulla on the working of the research centres, Dr. Jyotsana Yagnik, on Legal profession, role of academicians and incubation centre at ILNU, Dr. Pranav Saraswat, on examination rules and processes at the institute and Ms. Kshama Parikh, on library resources.

Foundation Day 2018

Institute of Law, Nirma University organized its foundation day on August 18, 2018. It played host to various activities like formal felicitation, panel discussion, blood donation, poster making, face painting, sports, drama, dance and photography competitions. The Chief Guest for this Programme was Hon'ble Mr. Justice N. V. Anjaria, Judge, High Court of Gujarat and guests of honour were Shri D. P. Chhaya, Honorary Advisor, Nirma University and Shri K. K. Patel, Vice President, Nirma University.

Faculty members and students at the Institute were felicitated during the programme for their outstanding achievements during the year 2017-18.

The following students were awarded medal for their scholastic performance for the year 2017-18:

Name of Student	Programme	Batch
Swarna Hardikar (Roll No. 14BAL018)	B.A., LL.B. (Hons.)	2014
Saloni Devpura (Roll No. 14BBL017)	B.Com. LL.B. (Hons.)	2014
Ravleen Chhabra (Roll No.15BAL011)	B.A., LL.B. (Hons.)	2015
Kunal Chopra (Roll No.15BBL008)	B.Com. LL.B. (Hons.)	2015
Richa Mukherjee (Roll No.16BAL043)	B.A., LL.B. (Hons.)	2016
Juhi Hirani (Roll No.16BBL022)	B.Com. LL.B. (Hons.)	2016
Aadesh Shinde (Roll No.17BAL061)	B.A., LL.B. (Hons.)	2017
Malika Tiwari (Roll No.17BBL027)	B.Com. LL.B. (Hons.)	2017

The following faculty members were felicitated for the outstanding achievements:

Name of Faculty	Achievement Details
Madhuri Parikh	'Prof Indira Parikh 50 Women in Education Leaders' award by World Education Congress

Pranav Saraswat	Paper Presentation – Best Paper presented titled “Carbon Credit-Scope and Future Perspectives”
Bishwa Kalyan Das	Attended One week Refresher course for law teachers organized by National Law School of India University, Bangalore and received the Best Law Teacher Participant Award

8th ILNU National Moot Court Competition 2018

Institute of Law, Nirma University, in association with the Competition Commission of India and SCC Online, organized its 8th National Moot Court Competition from August 31 to September 2, 2018. Over 20 teams from prestigious law schools of the country participated in the said competition. At the end of the competition, Symbiosis Law School, Noida was adjudged as the Winner. The Runner-up team was from Sastra University. Deshna Golechha from NMIMS, Mumbai was declared as the Best Speaker and Arshita Bansal from Law Centre II, Faculty of Law, Delhi was declared as the Best Researcher, while NUSRL, Ranchi won the award for the Best Memorial.

Celebration of Ozone Day

Centre for Environment Law, Institute of Law, Nirma University celebrated Ozone day on August 17, 2018 by organizing a poster making competition and showing a video in all the classes on importance of Ozone layer and how to protect it.

Workshop on International Commercial Arbitration: Contemporary Issues

Centre for Alternate Dispute Resolution (ADR), Institute of Law, Nirma University organized a three day workshop on the theme of International Commercial Arbitration: Contemporary Issues; from September 15-17, 2018. The resource persons for the said workshop were Prof. William F Fox, Former Dean and Professor of Law, Columbus School of Law, USA; Prof. Thomas E Carbonneau, Distinguished Professor of Law, Penn State Law, USA; Dr. Jyotsna Yagnik, Clinical Professor of Law, ILNU and Retired Principle and District Judge and Arbitrator, Ahmedabad; Mr. Tejas Karia, Partner and Head, Arbitration at Shardul Amarchand Mangaldas, India; Mr. Hiroo Advani, Managing Partner, Advani & Co, Mr. Ylli Dautaj, Assistant Professor-ILNU, Partner at Byran Dautaj and Dautaj, Sweden.

Other Activities

Certificate Course on Legal Research and Writing

Institute of Law, Nirma University organized a certificate course on Legal Research and Writing on July 30, 2018. The course was conducted by Prof. Gopal Balachandran, Director, Legal English Certificate Programme and Adjunct Professor, Penn State Law, USA.

Learners Moot 2018

Institute of Law, Nirma University organized its annual Intra Moot Court Competition 2018 for the 12th batch of the Institute on August 16, 2018. The event witnessed budding lawyers amongst the batch honing in on their skills and understanding the intricacies that a moot court competition has to offer.

Samwaad XV

Institute of Law, Nirma University in consonance with Samwaad: A Student Forum for Discussion, organized its 15th session on August 29, 2018. The topic of discussion was Mob Lynching. The speakers at this event were Shubham Borah of 3rd year, Lokesh Vyas of 3rd year and Kajal Singh of 2nd year.

PhD Poster Presentation

A PhD poster presentation was held at Institute of Law, Nirma University on September 01, 2018 on topics like 'Business and Human Rights' and 'Free Speech on Internet'.

Certificate Course on International Business Transaction

Institute of Law, Nirma University organized a course on 'International Business Transaction' from September 10 to October 10, 2018. The course was conducted by Prof. William F Fox, Former Dean and Professor of Law, Columbus School of Law, USA.

Certificate Course on 'Case to Case Plus Method: A New Pedagogy'

Institute of Law, Nirma University organized a certificate course on 'Case' to 'Case Plus' Method: A New Pedagogy from September 10-12, 2018. The course was conducted by Prof Shamnad Basheer, Founder IDIA/Spicy IP/P-PIL, Honorary Research Chair Professor of IP Law, Nirma University and Visiting Professor of Law, National Law School, Bangalore.

Certificate Course on Skill Lab for students

Institute of Law, Nirma University organized a course on Skill Lab – Critical Thinking and Decision Making for the students of the institute from September 10 to September 30, 2018. The course was conducted by Ms. Jennifer Berg, Founder, Responsibility Rogue, LLC, Portland, Oregon.

Workshop on Skill Lab for the Faculty members at ILNU

Institute of Law, Nirma University organized a workshop on Skill Lab – Creativity and Critical Thinking for its faculty members from September 25, 2018 to September 26, 2018. The workshop was conducted by Ms. Jen Berg, Founder, Responsibility Rogue, LLC, Portland, Oregon.

Memorandum of Understanding between NLSIU and ILNU

A Memorandum of Understanding was signed between National Law School of India University (NLSIU), Bangalore and Institute of Law, Nirma University on July 12, 2018. The MoU will encompass exchange of students and members of faculty as well as other academic activities- research and publications. They will also develop joint training and research programmes in a collaborative spirit.

Intra Debate Competition 2018

Institute of Law, Nirma University organized its annual Intra Debate Competition for the students of the Institute from August 4, 2018 to 5 August 2018. The event saw participation from students of all batches and paved the way for the creation of the debating panel for the Academic Year 2018-19.

Fresher's Programme for the 12th ILNU Batch (2018-2023)

Institute of Law, Nirma University organized a fresher's programme for the 12th Batch of the Institute on August 15, 2018. The event saw students participating in a host of activities and games.

Intra Moot Court Competition 2018

Institute of Law, Nirma University organized its annual Intra Moot Court Competition for the students of the Institute from August 11-12, 2018. The event saw participation from students of all batches and paved the way for the creation of the Mooting Panel for the Academic Year 2018-19.

Melange 2018

Institute of Law, Nirma University organized its flagship cultural event known as Melange, 2018 on September 5, 2018. The event saw a plethora of dance, singing and acting performances from the first year students and some performances from students of other batches.

Alternate Dispute Resolution (ADR) Intra Mural Competition

Institute of Law, Nirma University organized its annual Alternate Dispute Resolution Intra Mural Competition for the students of the Institute from September 8, 2018 to September 9, 2018. The event saw participation from students of all batches and paved the way for the creation of the ADR Panel for the Academic Year 2018-19.

Kerala Flood Relief Donation Camp

Mission Sangharsh, a student initiative of the Institute organized a relief donation camp for the disastrous Kerala floods. The camp was organized from August 20, 2018 to August 21, 2018. The students collected torches, bed sheets, candles, matchsticks, footwear, umbrellas, milk powder, baby food and sanitary pads, amongst other things. The collected material was sent to Centre for Social Justice, an NGO based in Ahmedabad, which further directed it directly to the State of Kerala.

Inauguration of Lawyer Incubation Clinic

The Lawyer Incubation Clinic, ILNU was inaugurated on October 31, 2018 in the presence of Hon'ble Ms. Soniabehn Gokani, Judge - High Court of Gujarat, Prof. (Dr.) Madhava Menon, the architect of modern legal education in India, Shri DP Chhaya, Honorary Advisor (A & GA), Nirma University and Dr. Jyotsna Yagnik, Adjunct Professor, ILNU, Project Director of the Clinic.

Second ILNU Academia Conclave Series

Institute of Law, Nirma University, organized the 2nd Edition of its Annual Academia Conclave Series on October 20 and 21, 2018. The event was held in collaboration with the Bar Association of India (BAI) and Society of Indian Law Firms (SILF). The Chief Guest of the inaugural function of the Conclave Series was the Solicitor General of India, Shri Tushar Mehta and the Guest of Honor was Shri Lalit Bhasin, President Bar Association of India and Society of Indian Law Firms. The auspicious presence of Justice CK Thakker, Former Judge Supreme Court and Dr Karsanbhai Patel, Founder, Nirma Group; along with Academicians, Partners from Law Firms made the inauguration event even more special.

The Conclave is one of its kind initiatives to explore linkages between the legal industry and the academia. It brought together various stakeholders of the governance ranging from Senior Partners, Associates, Legal Counsels from various Law Firms and Companies and legal machinery of the country to see how best the existing challenges in the business and commercial laws can be tackled with and foster growth within the sector.

List of eminent speakers during the Conference:

Sr. No.	Speaker	Theme
1.	Mrs. Aparna Mehra, Partner, Shardul Amarchand Mangaldas	Merger Control: Recent Trends and Development in Competition Laws
2.	Mr. V Sivasubramaniam, Executive Partner, LKS	GST: Policy, Procedures and Compliance
3.	Mr. Yakesh Anand, Managing Partner, Anand and Anand Associates	Recent & New Commercial & Business Laws & Legislations.
4.	Ms. Radhika Gupta, Advocate, Delhi High Court	An overview of Insolvency and Bankruptcy Code with special emphasis on Home Buyers Ordinance
5.	Shri K.V. Vishwanathan, Senior Advocate, Supreme Court	Freedom of Press in Indian Democracy: A Distant Reality
6.	Shri. Shekhar Naphade, Senior Advocate, Supreme Court	Indian Federalism at crossroads
7.	Shri Mr. Navin Pahwa, Senior Advocate, High Court of Gujarat	Insolvency and Bankruptcy Code: Recent Trends and Developments
8.	Mr. Arush Khanna, Advocate, Supreme Court	Data Privacy Laws and Right to Privacy
9.	Mrs. Rachana Srivastava, Advocate, Supreme Court	Business and Human Rights

Fifteenth National Youth Parliament

Institute of Law, Nirma University, in association with Ministry of Parliamentary Affairs, organized the 15th National Youth Parliament Level (Group Level) on October 25, 2018. The competition saw grueling debates between delegates of students, from and outside ILNU. The event also witnessed an inaugural lecture by Dr. Subramaniam Swami, Member of Rajya Sabha, who was also the guest of honor for the event.

Legal Awareness Workshop

The Women Development Cell, Nirma University organized a Legal Awareness Workshop on Laws relating to Women held by the support of Gujarat State Commission for Women on October 22, 2018. The seminar was attended by nearly 500 students and faculty members from different institutes of Nirma University. The honorable guests for the event were Smt Lilaben Ankolia, Chairperson, Gujarat State Commission for Women and Smt Veenaben Patel, Additional Collector and Member Secretary, Gujarat State Commission for Women- Gandhinagar.

Speakers	Session topic
Dr. Jyotsana Yagnik, Adjunct Professor Institute of Law, Nirma University and Former Principal Judge, City Civil and Sessions Court, Ahmedabad, Gujarat	Women Empowerment and Special Provisions for Women under Constitution of India
Ms. Prita Jha, President, Peace and Equality Centre	Prohibition of Violence against Women in Personal Sphere: Domestic Violence and the Law

Ms. Nupur Sinha, Founder Member, Centre for Social Justice, Ahmedabad	Offences against women under Indian Penal Code: Definition, Redressal and Punishment
Ms. Rejitha Nair, Former Assistant Professor, Institute of Law, Nirma University	Prevention and Redressal of Sexual Harassment of Women at workplace

Training workshop on Business Development for Lawyers

A training workshop on ‘Business Development for Lawyers’ was conducted by Mr. Kartik Mehta, Entrepreneurship and business development mentor on October 22 and 23, 2018. The session was hosted by the Idea Lab Committee-Legal Incubation Centre, in collaboration with Makeintern - IIT Kharagpur. The participants undertook various creative exercises on team management, resource management, time management and business development.

Workshop on Advocacy Training

The Institute organized a workshop on Advocacy Training for all the moot court and mock trial panelists from October 31-November 2018. The workshop was conducted by Mr. Kiran Manokaran, who won the award for the Best Law Student (Male) of the year at the Professor N. R. Madhava Menon SAARC Moot Court Competition, 2017.

Workshop on Problem Based Learning

A one-day workshop on Problem Based Learning was organized at the Institute on November 14, 2018. The workshop was conducted by Prof. Victoria Bui from Uppsala Univesitet, Sweden and a Barrister in International Construction Arbitration. In the session, she highlighted the importance and benefits of problem based and experiential learning for both students and faculty. The session focused on the increased output levels that this form of education delivery holds for students.

Connaissance 9.0

Institute of Law, Nirma University, played host to its Annual Literary and Debating Festival, Connaissance 9.0 on October 12-14, 2018. The events comprised of the 1st ILNU Conventional Debate, 1st ILNU Bar Debate, 3rd ILNU National Youth Parliament, 5th ILNU National Quiz Competition, Karnavati Dialogue, The Last Lecture, Guftgu-Round Table Conversation, Perspectives-A photography workshop, Meraki-An art and photography exhibition, A fictional story telling workshop in association with Webnnel and Bawra Mann: A rendezvous night with Mr. Swanand Kirkire.

Legal Writing Clinic

Institute of Law, Nirma University, in association with its Research Team, organized a Legal Writing Clinic. The clinic was organized from October 27-28, 2018. The keynote speakers of this two-day workshop were Mr. Devarshi Mukhopadhyay, Ms. Mitsu Parikh and Prof. Tara Nair, from Gujarat Institute of Development Research, Ahmedabad.

International Teaching Weeks

As a part of the International Teaching weeks at the Institute, the following foreign faculty members visited ILNU during the current semester and delivered lectures and shared their experiences with the students and faculty members at the Institute:

Details of foreign faculty	Teaching duration	Topic
Prof. Gopal Balachandran Director, Legal English Certificate Programme, Adjunct Professor, Penn State Law, USA	July 28 – August 1, 2018	Public Defence Course
Prof. Ylli Dautaj Practising Legal Counsel, Civil Litigation, Sweden	August 1 -December 20, 2018	International Commercial Arbitration
Prof. Stephen G. Barnes Associate Dean, Penn State Law, Pennsylvania State University, USA	September 09 –12, 2018	American Legal System
Prof. William F. Fox Distinguished Visiting Professor, School of Transnational Law, Peking University, Shenzhen, China	September 10-October 10 , 2018	International Business Transaction
Prof. Jennifer E. Berg Consultant, Business Strategy, Portland (Critical thinking, creativity and communication skills)	September 10 -31, 2018	Law Skill Labs
Prof. Trotman Lindsay Gordon Simpson Associate Professor, Massey University, New Zealand	October 20 –November 3, 2018	Corporate Law and Governance and Financial Market Regulations
Prof. Jan Kunstyr Advocate in Prague and in the Litigation team of Fried, Frank, Harris, Shriver & Jacobson, London	October 28 – November 4, 2018	Arbitration
Ms. Jane Schukoske Vanderbilt Law School, USA	October 10– 11, 2018	Community Lawyering
Prof. Victoria Bui Unnerud Professor, Uppsala University Department of Law, Uppsala, Sweden	November 12 – 19, 2018	Problem based learning and skills of Advocacy

International Teaching Month (March 2019)

As part of internationalization at ILNU, the Institute celebrated the International Teaching Month in March 2019. This offered a platform for collaboration of professors and thinkers from all over the world. Foreign faculty members from various countries like USA, UK, Russia, Peru and Hungary visited the Institute and conducted various courses at the Institute and introduced students to foreign

languages, global legal systems and laws and policies applicable in different jurisdictions.

List of Foreign faculty members:

Prof. William Fox	Dean & Professor of Law, Columbus School of Law, The Catholic University of America, Washington, USA
Prof. Steven Robinson	Former Special Advisor, Office of the Secretary, U.S. Department of Education, USA
Prof. Stephen G. Barnes	Associate Dean, Penn State Law, Pennsylvania State University, USA
Judge Mel Flanagan	Circuit Court Judge-Reserve, University of Wisconsin, Milwaukee, USA
Dr. Crina Baltag	Senior Lecturer in Law, Director of Research, Centre for Research in Law (acting), University of Bedfordshire, London
Prof. Thomas Valenti	Mediator and Arbitrator, Chicago, USA
Prof. Dmitry Poldnikov	Professor, Higher School of Economics, Moscow, Russia
Prof. Andras Hars	Lecturer, Department of Public International Law and European Law University of Szeged, Hungary
Mr. Ylli Dautaj	Co-Founder ORIMLIGHYRA.SE, 2017 And Penn State International Arbitration Group: Board Member
Mr. Bruno Gustafsson	Attorney, Litigation Department, Roschier Attorney, Stockholm University
Prof. Paul Carmichael	Associate Dean, Global Engagement, Ultsar University, United Kingdom
Prof. Venkat Iyer	Barrister and Legal Academic, Ultsar University, United Kingdom
Prof. Claudia Mezones Rueda	Professor, University of Peru, Peru

Eleventh Annual Public Lecture

Institute of Law, Nirma University organized the Eleventh Lecture of the Annual Public Lecture Series on 'Managing Self before Managing Others' on March 18, 2019. The lecture was delivered by Dr. Hasmukh Adhia, Chancellor, Central University of Gujarat; Former Finance Secretary and Revenue Secretary, Ministry of Finance, Government of India. Dr. Karsanbhai K. Patel, President, Nirma University presided over the function.

Workshops

Workshop on Films and Appreciative Learning

Institute of Law, Nirma University organized a workshop on Films and Appreciative Learning on February 01 – 06, 2019. The workshop was conducted by Mr. Shekhar Hattangadi, a Law Professor and an Award winning documentary filmmaker, who addressed the students on a plethora of topics, including watching movies and understanding their context and learning the art of appreciative learning of movies, amongst others.

Workshop on culture of Consent and Rejection

Women Development Cell, Nirma University, and Centre for Social Justice, in collaboration with Partners for Law in Development (PLD) organized a Workshop on the culture of Consent and Rejection on February 05, 2019. The speakers for the Workshop were Ms. Prashastika, who leads the college youth outreach program for Consent and Rejection in the context of sexuality and harassment and Ms.

Deepa, who works with ANANDI and focuses on developing youth leadership through capacity building.

The Workshop focused on developing a healthy conversation on culture of consent and rejection. The session was highly interactive, with the use of tools such as video interviews, flashcards and sharing of experiences, so as to generate awareness on the subject.

Lean Six Sigma Workshop – Yellow Belt Certification

The Idea Lab, Legal Incubation Centre of Institute of Law, Nirma University, organized a Lean Six Sigma’s professional certification course from February 15 - 16, 2019. The keynote speaker of the workshop was Mr Pravir Pandya, Managing Director, GELRAD, India. Students were introduced to innovative problem solving and continuous improvement methods. Students were trained in enhancing efficiency and unlocking problem solving ability through the time tested techniques in Lean Six Sigma.

Capsule Course on Goods and Services Tax

Dr. Hasmukh Adhia, Chancellor, Central University of Gujarat; Former Finance Secretary and Revenue Secretary, Ministry of Finance, Government of India conducted a capsule course on the insights on the Goods and Services Tax in India. The course took place on February 22, 25, 27 and 28, 2019. The course gave insights to the students about the GST regime in India, its history and its future prospects.

It covered all aspects of Goods and Services Tax- India's biggest ever tax reform. The course focused on wide range of areas such as the origin of GST, implications of the Constitutional Amendment and a comparative understanding of the GST regime.

Workshop on Legal Empowerment for Women’s Rights

The Legal Aid committee, Institute of Law, Nirma University, in collaboration with Centre for Social Justice (IDEAL), organised a Workshop on Legal Empowerment for Women's Rights from March 30-31, 2019. Social workers working in various NGOs across Gujarat and Rajasthan participated in the Workshop. The Chief Guest of the inaugural function was Mr. R.K. Modh, Senior Civil Judge and Additional Chief Judicial Magistrate.

The sessions were spread across two days and covered main aspects of property rights of women such as provisions of Hindu Succession Act, 1956; Indian Succession Act 1925, Rights of women of Scheduled Tribes; Protection of Women from Domestic Violence Act. The participants were given training both by members of Centre for Social Justice as well as students of Institute of Law, Nirma University.

Theme	Speakers
Understanding the UCC Debate	Ms. Veena Gowda, Advocate, Bombay High Court
Setting the Broad Contours on Property Rights	Ms. Nupur Sinha
Basic Principles on HSA, case laws and problem solving	Ms. Nupur Sinha, Ms. Dhvani Pandya, Ms. Yashvi Khandelwal, Ms. Ishita Sharma, Ms. Shivani Doshi and Ms. Muskan
Rights of Adivasi Women	Mr. Lokesh Vyas, Mr. Harsh Manohar, Ms. Palak Dheer and Ms. Divyangi Bhargava
Indian Succession Act, Case Laws and Problem	Ms. Nupur Sinha, Mr. Prakul Khera, Mr.

Solving	Abhishek Sharma and Ms. Yashi Kansal
Discussion on Marriage and Divorce	Ms. Aditi Chandola
Discussion on Protection of Women from Domestic Violence Act, 2005	Ms. Aditi Chandola and Ms. Ritu Sharma
Latest Development in Laws Related to women Rights	Mr. Titus and Mr. Roshan (CSJ)

List of Speakers

Workshop on Police Law and Security Administration in India

A workshop on Police Law and Security Administration in India was organized on February 23, 2019. The workshop was conducted by Dr. Akshat Mehta, Associate Professor, Raksha Shakti University, Gandhinagar.

Workshop on Entrepreneurship

A workshop on Entrepreneurship was organized on February 21 and 22, 2019. Mr. Nirav Shah, Mr. Manasvi Thappar and Mr. Arijit Samrah were the keynote speakers of this workshop.

Workshop of Self Defence Techniques

A workshop on Self Defence Techniques was conducted for the students of ILNU on March 27, 2019. The workshop was conducted by Judge Mel Flanagan, Former Circuit Judge, University of Wisconsin, U.S.A.

Street Fest

Street Fest 2019 was organised on March 27, 2019. The event was a way of relieving the students from all the stress of submissions and mid semester examinations. The event was organized by the Student Welfare Board (Cultural) outside the Institute of Law. The event was kick started by the mesmerizing poetry of Yash Shukla, Chinmay Singh Tanwar and Shubham Gupta. Their performances were followed by the melodies of Raghvendra Pathak and Vatsalya Vishal who set the mood for the performances ahead. The Nukkad Natak performance by the Theatre Club brought out the real essence of 'Street' in the event. This was followed by a performance by the Dance Club, who by their moves had everyone present tapping their heels. This was followed by a dance face – off between the students.

Symposium on Deconstructing Criminal Law – Recent Developments

The Centre of Criminal Law and Justice under the Institute of Law organized a two day symposium on Deconstructing Criminal Law on February 28 and March 01, 2019, in the light of the recent developments in criminal law. The symposium analysed two prominent judgments of the Supreme Court of India- on decriminalization of the law of adultery (Joseph Shine v Union of India) and reading down Section 377 of the Indian Penal Code, 1860 which prohibited homosexuality even in a private space (Navtej Singh Johar v Union of India). The Chief Guest of the inaugural session of the symposium was Prof (Dr) B.B. Pande, Visiting Professor, University of Cardiff, Wales, UK.

National Seminar on 'Sustainable Resource Management: Legal issues and Conservation Strategies'

The Centre for Environmental Law, Institute of Law, Nirma University, hosted a National Seminar on 'Sustainable Resource Management: Legal issues and Conservation Strategies' which was presided by

Mr Justice Adarsh Kumar Goel, Chairperson, National Green Tribunal as the chief guest for the event. The seminar was held on October 27, 2018.

List of eminent speakers

Sr. No.	Name of Speaker	Theme
1	Dr. Vikram Desai, Siddharth Law College, Surat.	Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Navtej Singh judgment. Judgments by Hon'ble J Indu Malhotra and Hon'ble J RF Nariman in the Navtej Singh judgment. Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Joseph Shine judgment.
2	Dr. Jagruti Patel, Principal, VT Choksi Sarvajanic Law College, Surat.	Judgments by Hon'ble J Indu Malhotra and Hon'ble J RF Nariman in the Navtej Singh judgment. Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Joseph Shine judgment.
3	Dr. N K Chakraborty, Director, KIIT School of Law, Bhubaneswar.	Judgments by Hon'ble J Indu Malhotra and Hon'ble J RF Nariman in the Joseph Shine judgment.
4	Dr. Anurag Deep, Associate Professor, Indian Law Institute, New Delhi.	Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Navtej Singh judgment. Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Joseph Shine judgment.
5	Mr. Renjith Thomas, Assitant Professor, National Law University, Jodhpur.	Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Navtej Singh judgment. Judgments by Hon'ble CJ Dipak Mishra and Hon'ble J DY Chandrachud in the Joseph Shine judgment.
6	Dr. Upma Gautam, Assistant Professor, Indraprastha University, New Delhi.	Judgments by Hon'ble J Indu Malhotra and Hon'ble J RF Nariman in the Navtej Singh judgment. Judgments by Hon'ble J Indu Malhotra and Hon'ble J RF Nariman in the Joseph Shine judgment.

Panel Discussion on Non-Violence and Harmony in India

The Centre for Social Justice, Institute of Law, Nirma University conducted a Panel Discussion on Non-Violence and Harmony in India on March 11, 2019. The speakers of this panel discussion were Ms Shabnam Hashmi, Social Activist, Founder and Managing Trustee at ANHAD India and Initiator at India Inclusive, Mr. Dev Desai, Social Activist working with youth on themes of peace, justice, harmony and gender equality and Advocate Uvesh Malik, Human Rights Lawyer working with civil society in Gujarat.

Dignitaries visited: 90

Sr. No.	Name of Dignitary	Designation
1	Judge Keith C. Barnes	Circuit Court Judge, State of Utah, United States of America
2	Prof. Gopal Balachandran	Director, Legal English Certificate Programme, Adjunct Professor, Penn State Law, USA
3	Prof. Ylli Dautaj	Practising Legal Counsel, Civil Litigation, Sweden
4	Prof. Stephen G. Barnes	Associate Dean, Penn State Law, Pennsylvania State University, USA

5	Prof. William F. Fox	Distinguished Visiting Professor, School of Transnational Law, Peking University, Shenzhen, China
6	Prof. Jennifer E. Berg	Consultant, Business Strategy, Portland (Critical thinking, creativity and communication skills)
7	Mr. Ajay Umat	Senior Editor, Navgujarat Samay
8	Mr. Shyam Parekh	Director – Dew Media School
9	Prof. (Dr) Manoj Kumar Sinha	Director, Indian Law Institute
10	Dr. Usha Ramanathan	Advocate, Supreme Court of India
11	Prof. (Dr.) Afzal Wani	Dean and Head, School of Law and Legal Studies, IP University New Delhi
12	Prof. (Dr.) M K Ramesh	Professor, Environmental Law, NLSIU Bangalore
13	Dr. Arghya Sengupta	Founder and Research Director, Vidhi Centre for Legal Policy, New Delhi
14	Mrs. Anjali Bhardwaj	Co-Convenor, National Campaign for People’s Right to Information, New Delhi
15	Mr. Srijan Pal Singh	Founder, Kalam Foundation and Cyber Law Expert
16	Dr. Ranjana Harish	Former Professor and Head, Department of English, School of Languages, Gujarat University
17	Mr. Asim Pandya	Advocate, High Court of Gujarat
18	Ms. Dharmishta Raval	Advocate, High Court of Gujarat
19	Shri Rajiv Bhatia	Distinguished Fellow Gateway House, Mumbai and Former High Commissioner
20	Mrs. Aparna Mehra	Partner, Shardul Amarchand Mangaldas
21	Mr. V Sivasubramaniam	Executive Partner, LKS
22	Mr. Yakesh Anand	Managing Partner, Anand and Anand Associates
23	Ms. Radhika Gupta	Advocate, Delhi High Court
24	Shri K.V. Vishwanathan	Senior Advocate, Supreme Court
25	Shri Shekhar Naphade	Senior Advocate, Supreme Court
26	Shri Mr. Navin Pahwa	Senior Advocate, High Court of Gujarat
27	Mr. Arush Khanna	Advocate, Supreme Court
28	Mrs. Rachana Srivastava	Advocate, Supreme Court
29	Ms. Prita Jha	President, Peace and Equality Centre
30	Ms. Nupur Sinha	Founder Member, Centre for Social Justice, Ahmedabad
31	Prof. Trotman Lindsay Gordon Simpson	Associate Professor, Massey University, New Zealand
32	Prof. Jan Kunstyr	Advocate in Prague and in the Litigation team of Fried, Frank, Harris, Shriver & Jacobson, London
33	Ms. Jane Schukoske	Vanderbilt Law School, USA
34	Prof. Victoria Bui Unnerud	Professor, Uppsala University Department of Law, Uppsala, Sweden
35	Dr. Usha Ramanathan	Senior Researcher
36	Ms. Jane E Schukoske	Advisor, S M Sehgal Foundation
37	Dr. Abhilasha Kumari	Chairperson, State Human Rights Commission, Gujarat
38	Dr. Manoj Kumar	Founder and Managing Partner, Hammurabi and Solomon
39	Ms. Albertina Almeida	Lawyer, Human Rights Activist and an Independent Researcher
40	Mr. Gowthaman Ranganathan	Advocate, Supreme Court of India
41	Ms. Preeti Das	Advocate, High Court of Gujarat, Ahmedabad
42	Dr. Rekha Saxena	Associate Professor, Department of Political Science, University of Delhi
43	Mr. Trinanjan Radhakrisham	Development Professional, Oxfam
44	Prof. (Dr.) C Rajkumar	Founding Vice Chancellor, OP Jindal Global University
45	Mr. Somasekhar Sundaresan	Advocate and Independent Director, SBI Life Insurance

46	Prof. (Dr.) M K Bhandari	Chief Executive Officer, ILTES
47	Prof. (Dr.) Bhavani Prasad Panda	Former Vice Chancellor, MNLU, Mumbai
48	Mr. Shekhar Hattangadi	Law Professor and Award Winning Documentary Film Maker
49	Prof. (Dr.) N. K. Chakrabarty	Director, KIIT School of Law, KIIT University, Bhubaneswar
50	Mr. Sandeep Sharma	Head, Innovation and Continuing Education Centre, Auro University, Surat
51	Dr. Anurag Deep	Associate Professor, Indian Law Institute, New Delhi
52	Sh. Jigarbhai Inamdar	Senate & Syndicate Member, MSU Baroda, Convenor, Gujrat Rajya Yuvak Board, Govt. of Gujarat, Regional Director, ICCR, Govt. of India
53	Dr. Vikram Desai	Siddharth Law College, Surat
54	Dr. Jagruti Patel	Principal, VT Choksi Sarvajanik Law College, Surat
55	Mr. Renjith Thomas	Assistant Professor, National Law University, Jodhpur
56	Dr. Upma Gautam	Assistant Professor, Indraprastha University, New Delhi
57	Dr. Akil Ali Sayed	Principal, Parul Institute of Law, Parul University, Baroda
58	Ms. Veena Gowda	Advocate, Bombay High Court
59	Mr. Titus	Center for Social Justice
60	Mr. Roshan	Center for Social Justice
61	Dr. Crina Baltag	Senior Lecturer, University of Bedfordshire, London, UK
62	Dr. Manoj Kumar	Founder and Managing Partner, Hammurabi and Solomon
63	Mr. Rajendra Barot	Partner, AZB Partners, Mumbai
64	Mr. Vyapak Desai	Partner, Nishith Desai Associate, Mumbai
65	Mr. Tejas Karia	Partner and Head, Arbitration, Shardul Amarchand Mangaldas
66	Mr. Ajay Thomas	Vice Chairman, International Chamber of Commerce (ICC) India Arbitration Group
67	Mr. Ajar Rab	Partner, Rab and Rab Associates, Dehradun
68	Dr. Andras Hars	Professor Department of Public International Law and European Law University of Szeged
69	Dr. Hari Krishna Maram	Chairman and Founder CEO, Imperial College
70	Dr. Steven Robinson	Former Special Advisor, Office of the Secretary, US Department of Education
71	Hon'ble Mr. Justice B.N. Srikrishna	Former Judge, Supreme Court of India
72	Ms. Paridhi Adani	Principal Associate, Cyril Amarchand Mangal Das, Ahmedabad
73	Mr. K Rama Subramaniam	Vice Chairman and Trustee, Information Security and Digital Forensics Research Foundation Trust
74	Mr. Bhagyesh Jha	Officer on Special Duty, Communication and Public Relations, Chief Minister's Office, Gujarat
75	Ms. Komal Gupta	Head, Artificial Intelligence and Innovation at Cyril Amarchand Mangal Das, Ahmedabad
76	Dr. Pawan Duggal	Founder & chairman of the International Commission on Cyber Security Law and the President of Cyberlaws.net
77	Dr. Satyam Priyadarshy	Tech Fellow and chief data scientist of Haliburton, USA
78	Shri Dushyant Dave	Senior Advocate, Supreme Court of India
79	Mr. Vivek Tanwar	Founder, Law offices of Kr Vivek, Tanwar and Associates, Gurugram
80	Mr. Arjun Doshi	Associates, Shardul Amarchand Mangaldas, Mumbai
81	Mr. Bruno Gustafsson	Attorney, Litigation Department, Roschier Attorney, Stockholm University, Stockholm
82	Ms. Akanksha Kumar	Doctoral Scholar, National Law University, Jodhpur
83	Mr. Kiran Manokaran	Associate, Kasturi and Sundar Associates, Chennai
84	Mr. Alok Vajpeyi	Associate, Singhanian & Co, Mumbai
85	Prof.. Mezones Rueda Claudia	Professor, Spanish, USA

	Hermelinda	
86	Dr. Has Mukh Adhia	Chancellor, Central University of Gujarat; Former Finance Secretary and Revenue Secretary, Ministry of Finance, Government of India
87	Mr. Pravir Pandya	Managing Director, GELRAD, India
88	Mr. R.K. Modh	Senior Civil Judge and Additional Chief Judicial Magistrate
89	Dr. Akshat Mehta	Associate Professor, Raksha Shakti University, Gandhinagar
90	Prof. (Dr.) B. B. Pande	Visiting Professor, University of Cardiff, Wales, UK

I- Curricular Aspects:

- New courses being offered : 51
- New Interdisciplinary courses : 26
- No. of courses where major revision is made : 33
- Any other Initiative/Innovation in curricular design
 - Curriculum structure revised/shifted as per the changing trends of the profession in legal market.
 - All stakeholders' feedback is received.
 - Consultative workshop for major revision in courses.

II- Teaching-Learning and Evaluation

Faculty completed/pursuing PhD : 1

Dr. Arun B. Prasad, Area Head, Humanities and Commerce at ILNU has been conferred with Doctor of Philosophy Degree by Gujarat University for his research in the area of Health Economics.

- **Innovation in Teaching - learning & evaluation**
- **International Teaching Month** - As part of internalization and global exposure to our students, the Institute invited experts/professors from well-known Universities around the world for teaching various courses in the month of March 2019 and celebrated International Teaching month.
- **Skill Lab** -The Institute has set up a Skill Lab with the objective of enabling the students to realise their full potential and channelize their knowledge to maximum output. The skill lab creates a bridge between existing educational system and industry. The skill lab organize and focus the skill development, students participating in this work based learning system will have a personalised learning plan that addresses employability skills in Application of Academic and Technical Knowledge and Skills, Career Knowledge and Navigation Skills, 21st Century Learning and Innovation Skills and Personal and Social Skills.
- **Lawyers Incubation Clinic (LIC)** - The Institute has set up the Lawyers Incubation Clinic (LIC) in October 2018 with a principle of outcome based education which means that after the completion of course, the students should have achieved the desired outcome of the course. This LIC will be developed as a platform to mentor students who want to make a career in

litigation.

- Capstone Course.
- Students are engaged in the research activities in the first year to get exposure and to encourage them to do research.
- More emphasis on Project based learning

Activities to sustain healthy practices

- CR/BR(Class Representative/Bench Representative) meeting conducted at regular interval to update and to discuss academic/administrative matter.
- Periodic Feedback system from stakeholders.
- Input from Alumni members in the curriculum and also conducting special alumni lecture series.

Interdisciplinary Student projects

- Many students are pursuing inter-disciplinary projects in different courses of law and allied social science area.

Exam Reforms implemented

- Customised continuing assessment in many courses as per the learning style of the learner.
- Extended opportunity for assessment.
- Assessment based on the Assessment Rubrics.

- **Number of faculty development programmes availed by faculty: 31**

- **Number of faculty development programmes organized by the Institute: 2**

(Categories: Refresher/STTP, Induction, computer application, soft skills, pedagogy, quality)

Two Week Faculty Refresher Programme

In order to promote research culture and dissemination of research related tools, methods and acumen, a Refresher Programme for faculty members of ILNU was conducted between June 25 to July 7, 2018. The two week Refresher Programme was titled 'Art and Science of Thinking and Research: Augmenting Interdisciplinary Approach in ICT Era'. The Refresher Programme was organized by Institute of Law under the aegis of Centre of Quality Assurance and Academic Development (CQAAD), Nirma University. With a total learning/training of 72 hours, the programme invited scholars, practitioners, technocrats, ICT experts and researchers from prestigious institutions such as Jawaharlal Nehru University, Tata Institute of Social Sciences, Gujarat Institute of Development Studies, MS University Baroda, Indian Law Institute, Delhi, IP University, Delhi to name a few. Prof. G S Bajpai, Prof. Afzal Wani, Prof. Vidyut Joshi, Prof. Tara Nair, Prof. Madhusudan Bandi, Prof. Arun Pratap, Prof. Ramadhar Singh, Prof. Lajwanti Chatani, Prof. Vijay Raghavan, Prof. Suman Mitra, Prof. Bhaswat Chakaborty, Prof. Lalita Narayanan are some of the nationally acclaimed speakers who enriched the Refresher Programme for the benefit of the participants.

Constituent Institutes on campus such as Institute of Technology, Institute of Pharmacy also provided expertise and resource persons in various inter-disciplinary aspects of developments in research process. Prof. Dhawal Pujara, Prof. Urmil Dave, Prof. Santosh Vora gave sessions on research output presentation techniques, Nirma University Research Policy and use of SCOPUS respectively.

Participants took the inputs given by experts and developed various research proposal components such as Statement of Problem, Literature Review, Critical Review and Case Comment on the chosen area of study.

Faculty Induction Programme

The following faculty members attended a four week long Faculty Induction Programme organized by the Academic Development and Research (ADR) Cell, Nirma University during May 28-June 22, 2018.

1. Dr Vikash Kumar Upadhyay, Assistant Professor, IL-NU
2. Ms. Nidhi Saroj, Assistant Professor, IL-NU
3. Mr Aishwarya Sharma, Assistant Professor, IL-NU
4. Mr Gaurav Goswami, Assistant Professor, IL-NU and
5. Mr Vikram Lathwal, Assistant Professor, IL-NU
6. Ms Swati Kumari Mawandiya, Assistant Professorm IL-NU
7. Mr Neeraj Kumar, Assistant Professorm IL-NU
8. Ms Shreya Srivastava, Assistant Professorm IL-NU

Invited/endowment lectures

Name of Guest	Topic	Date
Prof. C. Raj Kumar, Vice Chancellor and Dean, O. P. Jindal Global University	Combating Corruption: Challenges for Inclusive Development and Rule of Law	April 07, 2018
Dr. Shashikala Gurpur Director, Symbiosis Law School, Pune	Distinguished Lecture on India and International Law: Contemporary Issues	April 13, 2018
Mr. Ajay Umat and Mr Shyam Parekh Senior Editor, Navgujarat Samay Director – Dew Media School.	Contemporary Media: Developing Understanding in the Post Truth Era	July 27, 2018
Prof. (Dr.) Manoj Kumar Sinha Director, Indian Law Institute	Law and Justice in Globalizing world	August 07, 2018
Dr. Usha Ramanathan Advocate, Supreme Court of India	Democracy and Human Rights	August 13, 2018
Prof. (Dr.) Afzal Wani Dean and Head, School of Law and Legal Studies, IP University New Delhi	Research Methodology	August 13, 2018
Prof. (Dr.) M K Ramesh Professor, Environmental Law, NLSIU Bangalore	Legal Framework on Biodiversity in India	August 13, 2018
Dr. Arghya Sengupta, Mrs Anjali Bhardwaj and Mr Srijan Pal Singh. Founder and Research Director, Vidhi Centre for Legal Policy, New Delhi; Co-Convenor, National Campaign for People’s Right to Information, New Delhi; Founder, Kalam Foundation and Cyber Law Expert	Panel discussion on Personal Data Protection Bill, 2018	August 18, 2018
Prof. Stephen Barnes Assistant Dean, Graduate and International Programs, Penn State Law	US Constitution and Impeachment Powers	September 11, 2018

Dr. Ranjana Harish Former Professor and Head, Department of English, School of Languages, Gujarat University	Towards a Gender Sensitive Campus	September 15, 2018
Mr. Asim Pandya Advocate, High Court of Gujarat	Writ Jurisdiction of Supreme Court and High Court	September 15, 2018
Ms. Dharmishta Raval Advocate, High Court of Gujarat	Securities Appellate Tribunal	September 15, 2018
Shri Rajiv Bhatia Distinguished Fellow Gateway House, Mumbai and Former High Commissioner	Indian Foreign Policy: Confronting the 21st Century	September 19, 2018
Mr. Gowthaman Ranganathan Advocate, Supreme Court of India	LGBT Rights and PIL	October 05, 2018
Ms. Albertina Almeida Lawyer, Human Rights Activist and an Independent Researcher	Strategic Litigation	October 06, 2018
Ms. Preeti Das Advocate, High Court of Gujarat, Ahmedabad	Freedom of Press in Democracy	October 06, 2018
Ms. Jane E Schukoske Advisor, S M Sehgal Foundation	Community Lawyering	October 10, 2018
Dr. Manoj Kumar, D Litt. Founder and Managing Partner, Hammurabi and Solomon	Future Growth Opportunities in Indian Legal Industry and tips to be practice ready for NextGen Lawyers	October 13, 2019
Dr. Abhilasha Kumari Chairperson, State Human Rights Commission, Gujarat	National Framework of Human Rights, 1993 Legislation	October 17, 2018
Dr. Rekha Saxena Associate Professor, Department of Political Science, University of Delhi	Indian Federalism: Contemporary Issues	October 19, 2018
Dr. Usha Ramanathan Senior Researcher	'Dissecting the contours of the Aadhar Judgment'	October 24, 2018
Prof. Victoria Bui Professor, Uppsala Univesitet, Sweden. Barrister, International Construction Arbitration	Lawyering in London	November 15, 2018
Mr. Trinanjan Radhakrisham Development Professional, Oxfam.	Business and Human Rights	November 21, 2018
Prof. (Dr.) C Rajkumar, Founding Vice Chancellor, OP Jindal Global University	Building World Class Universities in India	January 30, 2019
Mr. Somasekhar Sundaresan, Advocate and Independent Director, SBI Life Insurance	Interaction on Contemporary Corporate Law Issues	February 02, 2019
Prof. (Dr.) MK Bhandari, Chief Executive Officer, ILTES	Blockchain Technology and AI Application and Regulations	February 04, 2019
Prof. (Dr.) Bhavani Prasad Panda, Former Vice Chancellor, MNLU, Mumbai	Criminal Liability	February 05, 2019
Mr. Shekhar Hattangadi, Law Professor and Award Winning Documentary Film Maker	Environment Law	February 06, 2019
Prof. (Dr.) N. K. Chakrabarty, Director, KIIT School of Law, KIIT University, Bhubaneswar	Criminology	March 01, 2019
Mr. Sandeep Sharma, Head, Innovation and	E-Commerce: Sustainability for	March 02, 2019

Continuing Education Centre, Auro University, Surat	Startups and Leveraging on IP Rights	
Dr. Anurag Deep, Associate Professor, Indian Law Institute, New Delhi	Police Law and Security Administration	March 02, 2019
Sh. Jigarbhai Inamdar Senate & Syndicate Member, MSU Baroda, Convenor, Gujrat Rajya Yuvak Board, Govt. of Gujarat, Regional Director, ICCR, Govt. of India	Role of Youth in Nation Building	March 28, 2019

Non-Teaching Staff development

- Ms Kshama Parikh, Librarian, Institute of Law, Nirma University, attended a four day training programme on 'Law Librarianship' at Gujarat National Law University, Gandhinagar, from November 12-15, 2018.

III – Research & Consultancy & Extension

Research projects

a) Minor Research Project funded by Nirma University during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount (in Lac)	Number	Amount (in Lac)	Number	Amount (in Lac)
2018-19	1	0.90	-	-	-	-
2017-18	-	-	4	3.70	1	0.90

b) Details of Completed Minor Research Projects by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1.	Mapping the Politico-Legal Dilemmas Associated with Climate Change Refugees	Prof. Rejitha Nair	90,000/-

Number of Teachers participation in National /International Conference based on the acceptance of Research Paper

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred	Number of Teachers	Amount incurred
2018-19	1	4717	2	28535
2017-18	4	19084	1	7160

Publications:

Summary of Research Publications in financial year:

Financial Year	National Journal			International Journal		
	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor
2018-19	4	0	-	01	0	-
2017-18	1	-	-	04	2	1.73

International Journals

Sr. No.	Name of Authors	Paper Title	Name of Journal	ISBN/ISSN No. of the Journal
1.	Dr Madhuri Parikh	Judicial Interpretation of Law of Public Nuisance for Environment Protection: A Critique	International Journal of Creative Research Thoughts	ISSN: 2320-282
2.	Dr Madhuri Parikh	The Evolution of Compensatory Afforestation Fund Act, 2016: A Critique	Journal of Environmental Policy and Law Index in Scopus, Henonline & EBSCO	ISSN No. 1878-5395

Citation index of faculty member and impact factor

Sr. No.	Name of Authors	Paper Title	Name of Journal	ISBN / ISSN No. of the Journal	Index
1.	Dr Madhuri Parikh	The Forest Conservation in India and the Role of Indian Supreme Court: A Critical Analysis	IOSR Journal of Humanities and Social Science (IOSRJHSS) 13 (4), 58	E ISSN: 2279-0837	1 H Index

National journals – refereed papers

Sr. No.	Name of Authors	Paper Title	Name of Journal	ISBN/ISSN No. of the Journal
1	Ms Shreya Srivastava	Role of Competition Regime in Achieving Sustainable Development	Army Institute of Law Journal	ISSN No. 0975-8208

2	Mr Amit Bhaskar	National Financial Reporting Authority – A Tool for Disciplining the Auditors	Company Law Journal	ISSN No. 0010-4019
3	Dr Tarkesh Molia	Governance of Social Justice in India – A Critical Analysis	Centre for Law and Governance	ISSN No. 2348-7801

International Conference, National Conference/Seminar including abstracts: 6

1. International Conference on Justice Education – March 15-16, 2019
2. International Seminar on Transnational Litigation – March 23-24, 2019
3. National Conference on International Humanitarian and Refugees Law - August 8, 2018
4. Seminar on Legal Education in India and Career Prospects in Law – May 23, 2018
5. Symposium on Deconstructing Criminal Law – Recent Developments – March 01, 2019
6. National Seminar on ‘Sustainable Resource Management: Legal issues and Conservation Strategies

University journal - 1

Nirma University law Journal published twice in a year.

Faculty Achievements

- Dr. Madhuri Parikh, Associate Professor, Institute of Law, Nirma University was felicitated with the title ‘Prof Indira Parikh 50 Women in Education Leaders’ by World Education Congress. The theme of the Congress was ‘Sustainable Development Goals and Quality Education for all’. The presentation ceremony was held on July 5, 2018 at Taj Lands End, Mumbai.
- Dr. Madhuri Parikh participated and presented a paper entitled “A critique on Proposed Coastal Regulation zone Notification, 2018” in 68th International Conference on New Trends in Engineering, Science and Management held on 20-21 July 2018, at Vishakhapatnam, India, organised by International Organisation of scientific Research and Development. She received the Women Research Award.
- Dr. Madhuri Parikh jointly presented a paper on The Impact of Judicial Interventions on Forest Governance in India: A Critique at the 5th National Conference on Law and Justice, 2019, organized at School of Law, Auro University, Surat, Gujarat on March 9-10, 2019. The Paper was adjudged as the Best paper at the Conference.
- Dr Virendra Singh, Assistant Professor, Institute of Law, Nirma University received an award from the Vice Chancellor, Maharaja Sayajirao University of Baroda, Gujarat on August 15, 2018. He was given the title of ‘Father of Sociology of Prediction’ by the University

Ongoing Research Collaboration/New collaboration

- New Research Projects – NHRC Government sponsored Major Research Project
- Research Collaboration with Indian Council of Social Science Research (ICSSR), New Delhi on a major project titled ‘A study on Public Participation in environmental decision making process in Gujarat with Special reference to environment impact assessment process.

Internal Resources Generated

(Consultancy, MDP/Programme for industries, any other)

Two Day Advanced Regional Training Programme on Biological Diversity Laws in India

The Institute of Law, Nirma University, in association with United Nation Development Programme and National Law School of India University (NLSIU), Bengaluru conducted a two day advanced regional Training Programme on Biological Diversity Laws in India on March 29-30, 2019

Revenue Generated:

Financial Year	Consultancy	Testing	Training	Other (Specify)
2018-19		211864		4342733
2017-18		26086		483642

Extension Activities/Community services by Institute/Department

- On 24/7/2018 an Orientation programme was done by NSS ILNU. Mr. Kamal Kumar Kar, Regional Director, Government of India, Ministry of Youth Affairs & Sports had orientated the first year student for NSS enrolment at ILNU.
- On 7/10/2018 a pledge on 'Swachta Pakhwara' taken by all students of NSS, ILNU to keep clean and green Campus and Nation.
- On 18/08/2018, the NSS, ILNU organised the blood donation camp on the Foundation Day of ILNU. In this blood donation camp around 45 students had donated the blood for human cause.
- On 22/09/2018, NSS team of ILNU visited the Jaimpura Village to analyse what the NSS ILNU team can do for betterment of villagers. The team visited the village hospital, Aanganwadi programme and the school of village. The team also met with the employee of the Village Panchayat so that NSS, ILNU can understand their policy and give support to their programme. This visit was fruitful to make a plan for future assignment of NSS, ILNU.
- As part of Public Interest Lawyering Course at ILNU, the students made a 3 day visit to Meghraj town (a town in Aravali district of Gujarat) on October 26 – 28, 2018. This visit was coordinated by a team of Centre for Social Justice, under the leadership of Ms Nupur Sinha. The visit was organized to understand field realities and context in which ground level issues operate. The visit addressed the units related to stake holder analysis, legal awareness and communication.
- On the prestigious occasion of Gandhi and Shastri Jayanti on 02nd October, 2018, members of NSS ILNU organized two events, namely Shramdaan and Cleanliness Drive. It was organized keeping in mind the ideologies followed by our late Prime Minister and Mahatma Gandhi.
- On the initiative of Mission Sangharsh, a student run initiative to help the needy people in society, a workshop was organized on the Practical Aspects of Right to Information on 05th October, 2018. Prof (Dr) Bishwa Dash conducted the session.
- Mission Sangharsh, an ILNU based NGO, in association with Centre for Social Justice, Ahmedabad, organized its Grand Felicitation Programme for the National Essay Writing

Competition, 2018 on 30th November, 2018. A total of 10 students were felicitated at the programme and the ceremony was attended by Dean and Director, Prof (Dr) Purvi Pokhriyal, Institute of Law, Nirma University; Ms Nupur, founder, Centre for Social Justice and Prof (Dr) Tarkesh Moliya.

- Mission Sangharsh, an ILNU based NGO, started its new initiative by the name of 'Philanthropic Friday', in lieu of which donations were carried out in front of the ILNU gate from students and donated to the nearby local inhabitants by the volunteers on 21st December, 2018.
- Mission Sangharsh, a student run-NGO of Institute of Law, Nirma University launched its Legal Awareness Programme on February 24, 2019. The theme of the first phase was 'Swachta' and in the lieu of the same an awareness rally was organized. Students of primary school Chharodi village and volunteers of Sangharsh participated in the march to sensitize local people regarding cleanliness. The rally received positive response from the locals as they shared the problems they were facing in the village.

New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organisation

- **MoU with HoF University, Germany**
- **Tie-ups with:**

1. Hamurabi and Solomon – Advocates & Corporate Law Advisors, New Delhi
2. AZB Partners, Mumbai
3. Nishith Desai Associate, Mumbai
4. Shardul Amarchand Mangaldas
5. International Chamber of Commerce (ICC), India Arbitration Group
6. Rab and Rab Associates, Dehradun
7. Tanwar and Associates, Gurugram
8. Singhanian & Co., Mumbai
9. Cyril Amarchand Mangal Das, Ahmedabad

- **Linkages with national/international academic/research bodies**

- Academic Linkage with:
 1. Columbus School of Law, The Catholic University of America, Washington, USA
 2. Penn State Law, Pennsylvania State University, USA
 3. University of Wisconsin, Milwaukee, USA
 4. Centre for Research in Law, University of Bedfordshire, London
 5. Higher School of Economics, Moscow, Russia
 6. Department of Public International Law and European Law University of Szeged, Hungary
 7. ORIMLIGHYRA.SE, Edinburg, Stockholm
 8. Litigation Department, Stockholm University, Stockholm, London
 9. Ultsar University, United Kingdom
 10. University of Peru, Peru
 11. OP Jindal Global University, Noida, UP

IV. Infrastructure and Learning Resources

- Computer facilities added
4 Computer added

Library - learning resources added

NUMBER OF BOOK FOR TECHNICAL SUBJECTS DURING THE YEAR 2018-2019			
No. of Titles & Volumes Added During the Year 2018-2019		Total No. of Titles & Volumes as on 31/03/2019	
Title	Volumes	Title	Volumes
315	388	7731	9757
NUMBER OF BOOK FOR SCIENCE & HUMANITIES DURING THE YEAR 2018-2019			
No. of Titles & Volumes Added During the Year 2018-2019		Total No. of Titles & Volumes as on 31/03/2019	
Title	Volumes	Title	Volumes
90	95	2118	2520
NO.OF PERIODICALS JOURNALS INCLUDING E-JOURNALS DURING THE YEAR 2018-2019			
Added during the year 2018-2019		Total as on 2018-2019	
109(1 Online Database + 1 Institutional Membership +23 Bound Vol.+17 Photo Album + 15 Photo CD +39 Video CD +13 Dissertation)		71 Print + 2364 Online	
OTHER MATERIAL WHICH INCLUDES SOFTWARE ICDS ICASSETIES OTHER AUSIOVISUAL MATERIALS			
Added during the year 2018-2019		Total as on 31/03/2019	
109		555	

V. Student Support and Progression

Cut-off percentage marks – category wise

General Category: 94.00 Marks (CLAT Rank 3927)

NRI Sponsored Category: 93.50 Marks (CLAT Rank 20484)

Student achievements

Moot Court Achievement

Sr. No.	Moot Court Participated	Members	Result
1	CCI NLUD Moot Court Competition	Ojasvi Mishra, Sneha Sharma Rajeev Tiwari	Winners
2	Jindal Tech Moot Court Competition	Arya Vineeth, Devansh Dubey Payas Jain, Shubhsmita	Winners
3	Justa Causa Moot Court Competition	Sakshi Pawar, Aviral Thakre Yash Bhootra	Winners
4	National Trial Advocacy and Judgment Writing Competition, Christ University	Atharv Arya, Shraddha Sharma Ashwini Gehlot	Winners
5	William C. Vis, Hong Kong	Nitya Jain, Apeksha Joshi Riya Jain, Tanuj Agarwal	Prelims

6	William C. Vis, Vienna	Dharmesh Khadelwal Kinjal Goyal, Utkarsha Sharma Divyanshu Bhardwaj	3rd rank in Stockholm Pre vis moot Vis Vienna Prelims
7	Jean Pictet Moot Court Competition	Ravleen Chhabra, Priya Khemchandani Shresth Vardhan	Prelims Ravleen Chhabra got Nominated for Gilbert-Apollis Prize for Best Speaker in 31st Concours Jean Pictet Competition, 2019 amongst 72 participants.
8	SAARC Moot Court Competition	Sourabh Pancholi, Srishti Gautam Chitransh Sharma, Kajal Singh	Qualified for International Rounds
9	28th Manfred Lachs Space Law Moot Court Competition 2019	Subhashini Pandey, Shrishti Agnihotri, Aayush Saxena	Prelims
10	12th International Criminal Court Moot Court Competition	Ojasvi Sharma, Parkhi Saxena Shubham Gupta Aman Shrivastava Anshika Vashistha	Prelims
11	10th Leiden Sarin International Air Law Moot Court	Manit Wadhwa, Richa Choudhary Medha Kuchhal	Prelims
12	17th ELSA-WTO Moot Court Competition, South Asia- Pacific Rounds	Lakshmi Swati, Arpit Surana Ruchika Sogani, Rajika Thapliyal	Prelims
13	Frankfurt International Investment Moot Court Competition	Prakhul Khera, Ayush Chugh Anugya Jain, Kartik Tyagi	Prelims
14	11th GNLU international Moot Court Competition	Naman Sharma, Jatin Khushalani Amishi Sodani	Quarter-Finalists
15	4th NLIU Justice RK Tankha Memorial International Moot Court Competition □	Ayush Bhatia, Devesh Bhatia Priyanshi Singhal	Prelims
16	8th Amity International Moot Court Competition (Paperless Edition)	Anjali Jhawar, Tamana Sharma Chahat Mangtani	Best Memorial
17	20th DM Harish International Moot	Shantanu Gupta, Anushka Ajmera Jaskaran Singh	Cleared the memorial selection round
18	7th RMNLU-SCC Online International Media Moot Court Competition	Ajay Bagra, Shyam Sharma Utkarsh Mishra	Prelims
19	Commonwealth Moot Court Competition	Shruti Verma, Anusha Shekhawat Deepak Jadon	Won the national rounds Semi-finalists in the World Rounds in Zambia
20	NUJS Herbert Smith	Akhil Charan, Chirag Mangal	2nd Best Memorial

	Corporate Moot Court	Shompa Haritwal	
21	13th B.R. Shawney Moot Court Competition	Rajat Sinha, Vatsal Patel Anuj Bajaj	Quarter-Finalist Anuj Bajaj adjudged Best Researcher
22	14th Nani Palkhiwala Memorial National Tax Moot Court Competition	Ekta Jhanjhri, Dakshesh Kapur Akshay Bhandari	Semi-finalists Dakshesh Kapoor adjudged as Best Speaker
23	12th Pro Bono Enviro National Moot Court Competition	Param Agarwal, Mona Prajapat Mohit Paliwal	Prelims
24	NLU-J Anti-Trust Moot Court Competition	Parth Tiwari, Juhi Hirani Naman Maheshwari	Quarter-Finalists Juhi Hirani adjudged the Best Speaker
25	Surana & Surana Corporate Law Moot Court Competition	Shreevardhan Khemka Mahima Shekhawat, Shruti Singh	Octa-finalists
26	GH Raisonni Moot Court	Abhishek Sharma Prakhar Gupta, Resham Thakkar	Quarter-Finalists Abhishek Sharma won the Best Speaker Award, Resham Thakkar won the Best Researcher
27	Amity Law School National Moot Court Competition	Abhishek Tripathy Akshita Totla, Ankita Gupta	Semi-Finalists Akshita Totla Won the Best Speaker Award
28	NLU-O Maritime Arbitration Moot Court Competition	Rohan Bangia, Hitesh Jain Prachi Mukesh Gupta	Prelims
29	ULC Bengaluru	Unnati Deva, Nikunj Maheshwari Param Veer Jaggi	Best Memorial Award
30	Stetson Environmental Law Moot Court Competition	Mansi Singh, Jaya Singh Soma Silpa Swain, Namit Jain	Semi-finalists in national rounds Result for world rounds pending
31	Henry Dunant Moot Court Competition	Navya Singh, Vinisha Jain Kulsoom Farhat Khan,	Quarter finalists Navya Singh adjudged as best speaker
32	Philip C. Jessup Moot Court Competition	Varada Jahagirdaar Agrima Chaudhary Sakshi Rathore Shashank Dwivedi Yash Gupta	Prelims
33	Justice YK Sabharwal Constitutional Moot	Rashika Agarwal, Vipin Agarwal Mahima Choudhary	Prelims
34	Shri I.M. Nanavati Memorial National Moot Court Competition	Abhilekh Tiwari, Kavish Vyas Om Shankar Kirdoo	Prelims

35	Justice B.P. Saraf Tax Moot	Mohit S. Kumar, Tanvi sharma Vishal Singh	Prelims
36	P.N. Bhagwati International Moot Court Competition	Urja Dhapre, Subhasree Neogy Rajeev Dadhich	Prelims
37	GLC Ernakulam National Moot Court Competition	Vaibhav Singh, Aarushi Kasliwal Shivi Srivastava	Quarter Finalists, Best Speaker, Best Memorial
38	GLC Trivendrum Moot Court Competition	Aditya Sharma, Harshad Sareen	Prelims
39	TNNLS National Moot Court Competition	Ashna Shah, Kapil Srivastava Abhishek Bhati	Quarter finalists 2nd Best Memorial
40	Surana & Surana National Trial Advocacy (CARRY FORWARD FROM PREVIOUS YEAR)	Arpit Kacholiya, Harshad Joshi Mansi Swarup, Atharv Arya	Quarter finalists
41	Pravin Gandhi National Trial Advocacy and Judgment Writing Competition (Carry Forward from Previous Year)	Shreyansh Tripathi, Kartikey Sahai, Shruti Singh Lakshmi Swathi	Quarter finalists
42	Symbiosis Law School Pune International Mock Trial Competition	Shreya Ahuja, Shruti Khanna Gaurav Asati	Prelims
43	UILS Trial Advocacy Competition	Shipra Sayal, Reha Mohan Abhirakshak Rajpal	Quarter finalists
44	UPES Dehradun Mock trial Competition	Dolly Balana, Naman Upadhyay Rishiraj Pandey	Prelims

Debate Competitions

- Devashish Trivedi (Batch of 2020) and Shubham Borah (Batch of 2021) secured adjudicator break-ins at the 12th Annual Hansraj Debate ‘Shanti’ which was held at Hansraj College, Delhi in January, 2019. The format of the debate was a parliamentary debate and saw the top law colleges of India competing in it. Shubham Borah became a finals judge and was among the top 5 adjudicators of the tournament.
- Shubham Borah (Batch of 2021) was adjudged as the 3rd best adjudicator at the 12th Delhi University Annual Parliamentary Debate Tournament held at Gargi College in March 16 -18, 2019. He became the first person in 9 years to win an adjudication award at Delhi University.

Other Achievements

- In the Short Film Competition organized by Department of Design, Nirma University, the team comprising of Rishiraj Pandey, Sarthak Chauhan, Tanya Aggarwala and Vineet Tayal secured the 3rd position. Their play was titled ‘Pratyaksha’. The competition was held on 03 November, 2011.
- The team comprising of Yash Mittal and Ritesh Goyal were adjudged winners of Law Learners 5th National Law Quiz Competition, 2018 organized in association with Legal Desire. The quiz was conducted from 29 November-1 December 2018 having two preliminary rounds comprising 30 questions and a Final Round comprising 40 questions. The team secured 1st position out of 240 participants and has won Gift Hampers worth Rs 10,000/-.

- Aayushi Jain (Batch of 2022) secured the 21st rank in the CS Foundation Course examination held in December 2018.
- Praveer Sharma (Batch of 2020) won 2 gold medals, one for performing the best senior duties at camp and another for winning inter battalion public speaking and debate competition at the NCC camp.
- The team comprising of Amitosh Dubey, Harsh Garg, Aditi Bhardwaj, and Ishita Nagori secured the first position in the Skit Competition in NUZEAL held on February 05, 2019.
- The team comprising of Adesh Mishra, Tanya Agrawal, Harshita Khare, Shubhankar Das, Vineet Tayal, Sarthak Chauhan, Ashok Kumar, Raghvendra Pathak, Chinmay Singh Tanwar, Makrand Sharma, Arghya Samaddar bagged the Best One Act Play award at the One Act Play Competition organized by Institute of Commerce, Nirma University on February 13, 2019. Sarthak Chauhan also won the award for the Best Actor.
- Chinmay Singh Tanwar (Batch of 2019) won the Best Director award and his team was adjudged as the third runner up in the One Act Play competition organized by Yuva Art Foundation in Gandhinagar, held on March 16, 2019. The team performed the play Junko: The pure hearted which was written and directed by Chinmay Tanwar himself.

No. of Co-curricular activities organised: 47

Student Clubs in the Institute: 24 (41 activities)

Sports activities: 1

AbhimaNU 2019

Institute of Law, Nirma University hosted the second edition of AbhimaNU'19 organized by Student Welfare Board, Nirma University. The sports fest was organized from February 21 to 24, 2019. Three sport events i.e. Cricket, Volleyball and Table Tennis were organized. A total number of 19 Colleges/Universities from all over Gujarat participated in this sport fest.

- **Youth welfare and cultural activities: 2**
- **No. of extra-curricular activities organized in collaboration with other agencies on Campus: 16**

Performance in Sport activities

- NCC Cadets Aniket Rathore, Manav Patel, Guru Siradhana and Umang Sethi, all of 2nd year, won 5 Gold Medals and 1 Silver Medal in the Inter battalion Quiz, Debate and in the Shooting Competition held at the NCC Headquarters, Ahmedabad on 22nd August, 2018.
- The Nirma University Basketball Team comprising of Krishan Mohan, Captain, of 5th year and Utkarsh Mishra of 3rd year from Institute of Law, Nirma University stood as runners-up at the IIM Ahmedabad sporting festival Shaurya 2018. The fest was held from 20th to 23rd September, 2018.
- The Cricket Team of the Institute won the Inter Institute Cricket Tournament, 2018, organized by Nirma University. The team of ILNU defeated the defending champions Institute of Technology, Nirma University, in the finals to clinch the victory.
- The ILNU female tug of war team and Aman Degra of ILNU stood runners up in the tug of

war and badminton, respectively during the Sports Meet, 2018, held in October-November, 2018. ILNU was adjudged as the second best team overall in the Sports Meet this year.

- At the Sports Meet 2018, in 100 meter sprint (Girls), Madhsmitta Patel won Bronze for ILNU and in 100 meter (Boys), Mohit Agarwal won Silver. In 200 meter (Girls and Boys), Resham Thakkar and Dhairyaditya Rathore won Bronze and Gold, respectively. In 400 meter (Girls and Boys), Ayushi Sharma and Sacchidanand Upadhyay won Gold and Bronze, respectively. In 800 meter (Boys), Manav Patel won Bronze. In 1500 meter (Girls), Bhumika Rathore and Krisha Bhimani won Gold and Bronze, respectively. In 4*100 meter relay (Boys), the team from ILNU bagged silver. In long jump (Girls and Boys), Bhumika Rathore and Dhairyaditya Rathore won Bronze and Gold, respectively. In Javelin Throw (Girls and Boys), Madhusmita Patel and Rajvardhan Singh Raghuvanshi won Silver and Bronze, respectively.
- The ILNU Football Team, won the Inter Institute Football Tournament as a part of the Sports Festival 2018, Nirma University. The team beat the football team from Institute of Technology, Nirma University by a margin of 2-1 to secure a win in the finals.

Alumni Association Activities supporting students

- Alumni Association, Institute of Law, Nirma University organized an Alumni Retreat in New Delhi under the leadership of Mr. Shobhit Shukla (Batch of 2016) on 09th December, 2018.
- Mr Divyakant Singh Rathore, an alumnus of the Institute, (Batch of 2015) cleared the UP Judicial Services Examination, 2016 with an overall rank of 48.
- Nirma University Alumni Forum arranged a chapter meeting for all the Alumni of the University on January 12, 2019 in Central Mumbai.
- Institute of Law, Nirma University, Alumni Association organized an alumni reunion on January 16, 2019 in Jaipur.
- Mr Devansh Agrawal (Batch of 2016), Ms Roopal Gupta (Batch of 2017) and Ms Somya Gaur cleared the Madhya Pradesh Judicial Services Examination, 2018.
- Ms Aishvarya Gupta (Batch of 2014), Mr Sahil Trivedi (Batch of 2014), Mr Meet Thakkar (Batch of 2014), Mr Shivam Dixit (Batch of 2014) and Mr Aditya Jadeja (Batch of 2016) were appointed as Assistant Government Pleaders for the State of Gujarat at the High Court of Gujarat.
- Ms Ridhima Johari (Batch of 2015) stood qualified with highest marks for recruitment to the cadre of Civil Judges for the State Judiciary of Gujarat.

Activities of Guidance & Counselling unit: 2

Seminar on Legal Education in India and Career Prospects in Law

An open house Seminar on Legal Education in India and Career Prospects in Law was organised by the Institute on May 23, 2018 at the Institute. The seminar was organised for the students who are willing to pursue law as a career option. Students from across the state participated in the seminar.

Client Counseling sCompetitions

The team comprising of Kahinee Bhatt and Prakul Khera won the Symbhav Client Counselling Competition held at Symbiosis Law School in Pune February 23 and 25, 2019.

Placement Services

In April 2019, the 8th batch of Institute of Law, Nirma University which had the strength of 171 students; 101 students opted for Placements. During the entire Placement process we had various participants from Law Firms, Private Companies and Public Sector Undertakings. We also received extensive support from Law Chambers in Delhi and Mumbai. The active participation of students in the training and placement process ensured that the placement at Institute of Law achieve a bright prospect. The illustrative list of the organizations who participated in this year's recruitment programme included firms from Gujarat as well as New Delhi, Bangalore, Mumbai, Hyderabad etc. At the institute, the students took part in various training programmes that helped in grooming them to prepare for the recruitment process. It was the zeal and hard work of the students that not only facilitated the placements but also brought to the institute remarkable PPO's this year.

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Architecture & Planning

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Outstanding Achievements and Important Activities

- The March 2018 edition of popular monthly magazine, The Academics Insights, featured Institute of Architecture and Planning, Nirma University on its cover page. It showcased our institute's position as one of the best emerging architecture colleges of India.
- IAPNU joined hands with foreign universities of France, Brazil and Italy; opening new areas of learning by signing MoUs and bringing opportunity of exchange programme for students and faculty members.
- Prof. Y. K. Alagh, an Eminent Economist and Educationist gave the Foundation Day lecture on Aug 10, 2018.
- Prof. Utpal Sharma was awarded an Honorary Doctorate by 'Ecole Superieure Robert DE Sorbon' France on Sep 7, 2018 in New Delhi.
- This year Institute of Architecture and Planning, Nirma University, Ahmedabad hosted the Twentieth Annual NOSPlan Convention from Dec 24-26, 2018. The theme for this year was "Reflection of the City" and the convention was aptly named "Pratibimb" signifying "Reflection" with an aim of understanding the city fabric in its entirety. The three-day convention was inaugurated by PadmaShri B V Doshi and Dr Jagath Munashinghe, Chairman, Urban Development Authority, Sri Lanka. 500 students from various Planning colleges across India engaged in a series of formal and informal events, debates and discussions. Lectures by professionals and series of panel discussions were held by various renowned planners and professionals on, Future of planning education and Smart Cities, Real Estate and Urban Development. National Organization of Students of Planning (NOSPlan) is a platform for planning student's professionals and academicians of the country to share their thoughts and ideas about the planning profession and its practices.
- Related Study Programme was held in Spain, Goa and Ahmedabad during June-July 2018. Students in Spain reviewed the contemporary architecture and works of Santiago Calatrava and Antonio Gaudi, other students studied Portuguese architecture in Goa while students in Ahmedabad learnt about embodied energy of building construction through design simulation.
- The students of B Plan Programme went on a Related Study Programme to Shenzhen, Macau and Hong Kong for 10 days in January 2019.
- Our Students as part of Furniture Design Course visited 'Manav Sadhna', Ahmedabad and assessed their furniture requirement. They designed and made furniture pieces that included study tables, book racks, and shoe racks. The batch of students produced 75 wooden furniture pieces and donated it to schools of Manav Sadhna on Sep 20, 2018.
- The students of the second semester, B.Arch (Batch 2017) went to government school in Juhapura Ahmedabad, and interacted with the kids. They, along with the kids, painted the walls of the school.

Their motto was “We make a living by what we get but we make a life by what we give.”

- IAPNU hosted the Annual Sports event of Nirma University from October 4 to 6, 2018 where all the institutes came together to participate in track & field events and many other team games.
- Aras Paras – Semester III Material & Structural Studio exhibition was organised at Kanoria Centre for Arts, CEPT University on November 22 and 23, 2018.
- With the purpose of evoking creativity and cognitive thinking through different medium other than routine classroom processes, a 7-day workshop on ‘Mapping and Documentation through Visual Story Board’ by Leewardists (Mr. Anuj Kale) was organised from 7th of January to 13th January, 2018 at IAPNU for B Plan students. The workshop was very interactive, innovative and inquisitive, and helped exploring the art of storyboarding. The workshop was based on preparing a storyboard through visual narratives.
- Students of IAPNU conducted a 7-day NSS camp in the former Gandhian village of Dandi village near Navsari, from December 17 to 23, 2018 in the coastal region of South Gujarat. The students, among other things demonstrated the reuse and recycle of waste plastic bottles and metal scrap. They designed and made benches and planter-stands after collecting waste plastic bottles from Dandi beach.

Dignitaries visited

- “Sensitive Skins” an expert talk by Elena Perez Guembe, Architect, Artist, Lecturer Professor at Rensselaer Polytechnic Institute, Greater New York City on April 26, 2019.
- “Nature, Culture, Architecture: The Sustainability Linkages” an expert talk by Prof. R. Shankar, Design Chair, SAP Dehradun on March 1, 2019.
- “Greater Paris” an expert lecture by Ar. David Mangin, Principal Architect, SEURA on March 1, 2019.
- Ar. Chitra Vishvanath, Principal Architect, Biome delivered an expert lecture on “Tyranny of Small Decisions” on March 2, 2019.
- Prof. Remi Fernand, Professor, EVAT School of Architecture delivered an expert lecture on “Research in Architecture and Planning” on March 2, 2019.
- “Management of Cities in the 21st Century” an expert talk by Prof. Jim Chappell on Jan 16, 2019.
- “Deccan Islamic Architecture: 16th and 17th Centuries” an expert lecture by Prof. George Michell on Feb 14, 2019.
- Mr. Amit Gupta, CGM, MEGA Ahmedabad delivered an expert lecture on Transportation System on April 13, 2018.
- “Towards an Architecture of Goodness’ an expert talk by Ar. Shirish Beri, Kolhapur, Maharashtra on Sep 12, 2018.
- Foundation Day Talk and Interaction Session by Prof. Y. K. Alagh on Aug 10, 2018.
- “Redefining the Post-Modern Architecture through the language of Historic and Contextual Derivations” an expert talk by Ar. Yashwanth Mistry on Aug 10, 2018.
- Dr. Jagath Munashinge, Chairman, UDA, Sri Lanka delivered an expert lecture on “Smart Cities, Real Estate and Urban Development” on Dec 26, 2018.
- “Talk on Handwriting Analysis” by Mrs. Harsha Gala on Aug 10, 2018.
- “UN Development Goals” an expert talk by Dr. Dinesh Mehta on Dec 25, 2018.

- “Impacts of Urbanization” an expert lecture by Prof. Subhrangshu Goswami, CEPT University on April 21, 2018.
- “Urban India – Issues and Innovations” and expert talk by Prof. Chetan Vaidya, Formal Director, SPA Delhi on Oct 3, 2018.

I- Curricular Aspects

The overall Curriculum is designed to train students for modern-day architectural practice. More of hands-on approach to teaching is inculcated as design pedagogy. Healthy mix of Interactive studio-based learning, theory based lectures and skill building workshops makes the strong base and foundation of Architectural curriculum.

The overall curriculum was revised as per the mandate of Council of Architecture and overall credits and teaching hours were aligned in new proposed TES. The revision consists of the following aspects:

1. Revision in Overall credit and teaching hours in each semester to balance the workload and maximize the output of students.
2. The previous TES consisted of total 229 credits and 279 teaching hours whereas new TES consist of total 286 credits and 277 teaching hours.
3. Introduction of new core courses in some of the semester i.e. Sociology and culture in semester I, Economics in semester II, Introduction to Landscape in semester III and Environmental Design in Semester V to make it more holistic.
4. Amalgamation /re-appropriation of certain courses for better synthesis between and across the semester.
5. Introduction of Minor in the field of “Urban Planning” for enrichment of knowledge in specialized field. This minor will be available to students of Architecture and students of Civil Engineering as well

II- Teaching-Learning and Evaluation

Faculty completed/pursuing PhD

7 faculty members are currently pursuing PhD Programme, namely, Prof. Vibha Gajjar, Prof. Pratima Singh, Prof. Dhaval Chauhan, Prof. Ankit Kumar, Prof. Rahul Shukla, Prof. Pratush Madhavi and Prof. Shweta Suhane.

Innovation in Teaching - learning & evaluation

Students of III year B Plan, as part of Environmental Law Elective, actively participated in Public Hearing of an Industry in Kadi taluka. Their efforts were appreciated by the Magistrate and they found a mention in the minutes of the Public Hearing uploaded on GPCB website.

Student of III year B Arch took up institutional project of redevelopment of Municipal schools in two different pockets of Ahmedabad city. The participatory approach of evolving the design was developed

whereby students and teachers of existing municipal school were invited during design development stage. The inputs received from real user group have been a great learning experience for students.

Number of faculty development programmes availed by faculty

Faculty members who successfully completed the research training programme in May-June 2018 are Ms. Shweta Suhane, Mr. Dhaval Chauhan, Ms. Purvi Jadhav, Mr. Jitesh Mewada.

Faculty members who successfully completed the 4 week Induction Programme in May-June 2018 are Dr. Swati Kothary, Ms Sneha Ramani, Mr.Nishant Kansagara, Ms.Manshree Parekh.

Dr. Swati Kothary and Dr. Aparna participated in a three-day Training programme on Site Master Planning of Sustainable Industrial Parks organised by Sustainable Urban and Industrial Development, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), New Delhi in November 2018.

In February 2019, Dr. Swati Kothary, Dr. Aparna and Prof. Pratima Singh participated in a three-day training programme on “Site Master Planning of Sustainable Industrial Areas” organised by Sustainable Urban and Industrial Development, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), New Delhi.

Invited/endowment lectures

Date	Programme	Name of Speaker
April 4, 2018	Design Pedagogies - Pedagogies in Architectural Education	Vibha Gajjar, Sharad Panchal Dhaval Chauhan, Sujan Umraniya Foram Bhavsar, Jitesh Mewada
April 4, 2018	Articulation of Architectural exercises - Pedagogies in Architectural Education	Vibha Gajjar, Sharad Panchal Dhaval Chauhan, Sujan Umraniya Foram Bhavsar, Jitesh Mewada

Non-Teaching Staff Development

Four Non-Teaching staff members attended the Staff Training Programme organised by the Centre for Quality Assurance and Academic Development (CQAAD), Nirma University during 19/02/2019 to 07/03/2019.

III - Research, Consultancy and Extension

Research projects

a) Major Research Project funded by external agency during:

Financial Year	Ongoing	
	Number	Amount in Lac
2018-19	1	10.592
2017-18	1	10.592

b) Minor Research Project funded by Nirma University during:

Financial Year	Sanctioned	
	Number	Amount in Lac
2018-19	01	1.00
2017-18	-	-

c) Minor Research Project funded by external agencies during:

Financial Year	Ongoing		Sanctioned	
	Number	Amount in Lac	Number	Amount in Lac
2017-18	1	1.05	1	1.15
2016-17	-	-	1	1.05

Details

Ongoing Major Research Projects Funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Residential Building Energy Demand Reduction in India (Reside)	Prof. Utpal Sharma, Prof. Parag Mistry, Prof. Purvi Jadav	Fund for Improvement of Science & Technology Infrastructure, DST, New Delhi	10,92,500/=

Sanctioned Minor Research Projects Funded by Nirma University

Sr. No.	Title of the Project	Project Investigator/s	Grant (in ₹)
1.	Baseline Assessment for Identifying the Green Quotient of the Campus	Prof. Shweta Suhane	1,00,000/=

Sanctioned Minor Research Projects Funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Affordable Housing a Comparative Analysis of Projects in Ahmedabad	Prof. Pratima Singh	Institute of Town Planners, India Regional Chapter Gujarat	1,15,000/=

Ongoing Minor Research Projects Funded by External Funding Agencies

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in ₹)
1.	Impact of Industrialization Mining, Urbanisation on Biodiversity in Select Blocks of Gujarat	Prof. Pratima Singh	Gujarat Ecology Commission through Raman Development Consultant	1,05,000/=

Number of Teachers participation in National /International Conference based on the acceptance of Research Paper

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred	Number of Teachers	Amount incurred
2018-19	4	-	-	-
2017-18	2	Rs.24637/-	2	Rs.34248/-

Research Publications:

Financial Year/ Name of faculty	National Journal			International Journal		
	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor	Number of paper published	Number of paper considered for calculation of average impact factor	Average impact factor
2018-19	5	-	-	3	-	-
2017-18	1	-	-	4	2	1.73

Minor Research Project

“Baseline assessment for identifying the green quotient of the campus” by Shweta Suhane and Foram Bhavsar, funded by Nirma University.

Presentation of Research Paper

“Seeing the Unseen: the setting of Okhamandal” By Sneha Ramani at 13th ISOLA (Indian Society of Landscape Architects) Conference: Reimagining Landscapes: Identity | Approach | Stewardship under the theme of “IDENTITY”.

Publication by Institute

“ Strategy of inclusive growth in the independence era”: A case of a model education town of Vallabh Vidyanagar” published in ITPI Journal Oct-Dec issue 2018 by Vibha Gajjar and Foram Bhavsar.

Awards and Recognitions (Institute/Department/Faculty)

Prof. Utpal Sharma received following awards:

Honorary Doctorate from Ecole Superieure Robert De Sorbon, France.

Devang Mehta National Education award from B-School Affair and Devang Mehta National Education Foundation.

'Asia Pacific International Education Excellence Award from Achievers Association for Health and Education Growth.

Ongoing Research Collaboration/New collaboration

Presently Prof. Utpal Sharma, Principal Investigator and Prof. Parag Mistry and Prof. Purvi Jadav, Co-Investigator are engaged in the research project titled Residential Building Energy demand reduction in India (RESIDE) under Department of Science & Technology (DST).

New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organization

Sr. No.	Date of MoU Signed	MoU With
1	4/4/2018	Gujarat Institute of Development, Research(GIDR), Ahmedabad
2	28/06/2018	The Ecole Nationale,Superieure D'Architecture De Nantes (France)
3	16/10/2018	The Ecole Architecture De La Ville, Et Des Territoires a Marne-La-Ville, France
4	12/11/2018	Escola Tecnica Superior d'Arquitectura, De Barcelona (ETSAB)

IV. Infrastructure and Learning Resources

Computer facilities

20 Computers added to the existing facility.

Library

Learning resources added

Books (Vol.)	3259
Books (Titles)	2764
E-Books	220
Periodicals (Print)	30
Periodicals	30+ 370
Online Journals Packages	1
Newspapers	8
Electronic Media	131
Photo Albums	6
Bound Volumes	93
Institute Membership	1

V- Student Support and Progression

Cut-off percentage marks – category wise

B.Arch. & B. Plan Admissions

15% NRI / NRI Sponsored Category

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	01	40
Bachelor of Planning	Nil	Nil

35% All India Seats

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	17	91
Bachelor of Planning	01	35

ACPC – 50% SEATS

Programme	Merit Rank (ACPC) Category Wise							
	Open		SC		SEBC		Other board out state	
	First	Last	First	Last	First	Last	First	Last
B. Arch	10040	10115	10338	10641	10135	20054	30021	30067

Student Achievements

Mr. Yasin Kabaria was awarded with "Shri N. K. Patel - GICEA Gold medal' for excellence in academic for three consecutive years in 2014-15, 2015-16 and 2017-18 by The Gujarat Institute of Civil Engineering and Architects (GICEA).

Mr. Hemil Ganatra and Mr. David Paul from IAPNU won second prize in ToI Torrent Power Speaking Contest.

Value added courses

The elective courses are aimed towards developing the major skills required in the field of architecture. Like Clay work/ Terracotta/ Ceramic, Paper craft, Print/ Lithography/ Lino-cut, Art appreciation, Photography etc. Some electives like advanced computer application, Non-conventional building technology prepare them directly for the expertise required during their internship. Many electives offered are aimed at developing a well-rounded individual in the field of architecture and planning.

Some of the elective courses focused towards developing advanced skills and critical thinking like Architectural criticism and Architectural Journalism. They are more complex and higher-level subjects. These courses need basic grounding or a general understanding of the subject offered as pre-requisites. Through these electives the student gain advanced and specialized knowledge in the subject of their choice.

Number of co-curricular activities organised

Poster Design Competition

IAPNU conducted a Poster Design Competition which was attempted by students of B. Arch Programme. The theme of the competition, as suggested by the University was to spread awareness on subjects like 'Anti-Drug, Anti-Smoke, and discouraging consumption of Alcohol'. Director Utpal Sharma, and Prof. Vibha Gajjar judged the posters on 17/09/2018. Students participated with much enthusiasm and all the entries were displayed for viewing to all the other Institutes as a token of encouragement.

Sports activities

The sports activities were initiated at the institute by conducting friendly cricket matches over the weekends. This included the interaction amongst the freshers and faculty members. There was a session organised for the girls to play cricket and get familiar with the sports facilities that the University offers.

IAPNU hosted the Annual sports event of Nirma University. Students of the institute changed the look of Annual Sports event with installations and unique signages for all the events. Shubham Dhananjay Vanmali, an open sea water swimmer was the chief guest for the event. Over 300 students participated in various team and individual events.

IAPNU won the march past trophy and were runners up for Girls Kabbadi. Some students also won in individual events. Students also participated in University West Zone Team in the sports of cricket and lawn tennis.

The annual sports budget of the University was utilized in the buying of equipment of cricket, badminton, carom, tennis, volleyball and football during the inter-institute sports meet held in October '18. Under the same budget, sports activities of the National annual convention of B Plan students' body i.e. NOSPLAN was also conducted.

KALP the annual student's festival also organised sports event that saw participation from institutes other than Nirma University.

Sports Activities – March 2018 to February 2019

Quarter	Activity	Participation
1 st – March, April, May	Regular Sports Activity at institute level for Cricket, Badminton, Tennis	Architecture and Planning Students
2 nd – June, July, August	Weekend friendly matches between students, faculty members, freshers – Cricket	Architecture and Planning Students
3 rd – September, October, November	Annual Sports Event – Nirma University	<ol style="list-style-type: none"> 1. ITNU 2. IMNU 3. ILNU 4. ISNU 5. ICNU 6. IPNU 7. IAPU 8. DOD
4 th – December, January, February	XX NOSPLAN saw participation from across the country <ul style="list-style-type: none"> • Football • Relay • Cycling 	17 institutes from across the country
	KALP 2019 saw participation from teams of different colleges of Ahmedabad <ul style="list-style-type: none"> • Cricket • Volleyball • Football • Marathon 	7 teams 3 teams 3 teams 30 participants

Youth Welfare and Cultural Activities

Ras-Garba Ramzat

IAPNU was given the responsibility of decorations for the Ras- Garba RAMZAT event. Students from IAPNU and DoD enthusiastically participated to make the venue enjoyable and the event a success on 20/10/2018.

Celebration of Janmashtami and Mataki – fod Competition

The students of IAPNU celebrated the spirit of Janmashtami on Sep 2, 2018 in the IAPNU Courtyard. Following the worship of Lord Krishna by the IAPNU family, in the playful spirit of Janmashtami, all the batches formed groups and participated in the Mataki Fod Competition. 2nd Year of B Arch was announced as the winner and the most natkhat batch of IAPNU.

Celebration of Institute Level Festival KALP

Institute level festival KALP was organized by Students Council of IAPNU on March 1-3, 2019. Various extracurricular activities were organized in collaboration with other institutes on campus.viz: Quiz, Inter institute debate, Counter strike, Warli Art, Belly Dance, Basics of Laser printing, Wood Carpentry, Graffiti, Kalavrat, Comedy Night, Concrete, Cyanotype, Theatre, Marathon, Gully Games, Treasure Hunt, Cultural Night with DJ, Model Making, Terribly Tiny Tales (TTT), Basics of Software Rendering, Workshops by Skyblue Academy.

Number of extracurricular activities organised

Various extracurricular activities were organized in collaboration with other agencies on campus viz: Quiz, Inter institute debate, Counter strike, Warli Art, Belly Dance, Basics of Laser printing and Printing, Wood Carpentry, Graffiti, Kalavrat, Comedy Night, Concrete, Cyanotype, Theatre, Marathon, Gully Games, Treasure Hunt, Cultural Night with DJ, Model Making, Terribly Tiny Tales (TTT), Basics of Software Rendering, Workshops by Skyblue Academy.

Performance in Sports activities

IAPNU won the march past trophy and were runners up for Girls Kabbadi. Some students also won in individual events. Students also participated in University West Zone Team in the sports of cricket and lawn tennis.

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Institute of Commerce

Outstanding Achievements and Important Activities

The third batch of BCom (Hons) was inducted on July 11, 2018. The inaugural function was graced by Prof Anup Singh, Director General, Nirma University. Shri Ghanshyam Pathak, Chief Financial Officer, Gujarat Investment Corporation Ltd and Financial Controller, Gujarat RERA was the Chief Guest.

During the Academic Year 2018-19, the institute organised many co-curricular and academic activities. Eight students participated at State level case study analysis, of which six students gained the first two positions. Two teams tied for first position.

The Institute was assigned responsibility to manage the University Level Photography Competition on the theme “My Campus – My Pride” in collaboration with Student Welfare Office in January 2019. For the said competition, three days’ workshop was organised to help participants get perspective on the theme. The best 100 photographs were exhibited on the Republic Day.

The Institute also successfully managed the Music Events hosted as part of NUZEAL – the University Level Cultural and Literary Festival. The screening was conducted on Feb 1-2, 2019 for more than 200 entries. The final round of the competition was conducted on 6th Feb 6, 2019.

As part of its social initiatives the Institute organized an event – Run for Cause with the support of its NGO Partner – Navjeevan Seva Sansthan on Feb 10, 2019. The fund raised by the registrations shall be utilised to provide scholarships to the students of underprivileged and poor section of the society. A total of 250 registrations were received for the 6.5 km run.

The first edition of Cultural and Literary Festival – ELYSIAN 2019 was launched with the theme – “High on Colours” scheduled on Feb 12-13, 2019. The two day cultural and literary event had 9 competitions in its store. There were 4 competitions in the category of Cultural events and 5 in the category of Literary Events. The event concluded in style with Star night on Feb 13, 2019 wherein India’s Raw Star – Mr. Darshan Raval performed live for the first time at Nirma University Campus. More than 4,500 students were part of this mesmerizing concert and the venue of his performance was literally HIGH ON COLORS! All the competitions received overwhelming response and hence, screening rounds were conducted online to restrict the number for on campus semi-finals and finale. All in all, there were 557 students who participated in various events of which 400 plus students belonged to various colleges and universities like PDPU, Ahmedabad University, GLS, HLCC, NRIBA, R J Tibrewal College, L D Engineering College, L J College, J G College, BSE Institute, AMITY Global School, ITI, Shree Sarvajanic College, NIFT, St. Xaviers, Adani Institute, IIM Indore, MSU Baroda, NAEMD and Som Lalit.

And finally, amongst the many firsts that Institute of Commerce has witnessed in this academic year is the First Edition of Institute Newsletter – Kaleidoscope. The spotlight of the first edition was on student centric activities as well as various initiatives of the Institute.

Dignitaries visited

A total of nine dignitaries visited during the academic year 2018-19, the details of which are given in Section II.

I. Curricular Aspects

New courses being offered

No new courses were introduced during the year. However, the institute is in process of developing two Masters Programmes to be offered from July 2020.

Number of courses where major revision is made: No major revision was made in any of the courses as the programme is still new and is relevant to the market needs.

II- Teaching-Learning and Evaluation

Innovation in Teaching - learning & evaluation

- A course blog has been developed for each course, access of which is available to students.
- Interactive videos explaining the concepts of respective courses are screened in the classroom to increase the student participation in class.
- Industry and academic experts are invited for expert talks on different topics.

Activities to sustain healthy practices

- Regular attendance and academic progress of the students are monitored.
- Large number of student activities are initiated and coordinated by them.
- With an object to impart the practical education, industrial visits were organised for the students of first year at Nextile: a tile factory and Varmora showroom at Morbi. Students got practical exposure on production and allied business activities. Another industrial visit was organised for students of third year at IFSC GIFT SEZ.
- A training session with Library Resource Centre on Financial Database CMIE's Prowess IQ was arranged for students.
- Summer internships along with internship at NGO were made compulsory for the students of first year.

Exam Reforms implemented

The institute followed the University norms related to the examination (reforms). The same were circulated to the students, updated on the institute website and incorporated in the Student Information Booklet.

Faculty development programmes availed by faculty

- ❖ Dr. Sumita Shroff Goyal successfully completed the Faculty Induction Programme conducted by CQAAD, Nirma University during the month of May – June 2018.
- ❖ Prof Udai Lal Paliwal participated in the Faculty Development Programme organised by CIMA – Mumbai Office in the month of Oct 2018.
- ❖ Dr. Sumita Shroff Goyal participated in the Faculty Development Programme organized by CIMA – Mumbai Office in the month of Oct 2018.
- ❖ Dr. Sumita Shroff Goyal successfully completed the Case Method Teaching Seminar organized by Case Centre, IIMA and HBP in the month of Dec 2018.
- ❖ Dr. Avani Shah successfully completed the Faculty Orientation Programme conducted by CQAAD, Nirma University in the month of Dec 2018.
- ❖ Dr. Nitin Kishore Saxena participated in the training programme on “Child Protection in Emergencies” organised by Gujarat Institute of Disaster Management, Gandhinagar, in the month of Dec 2018.
- ❖ Dr. Nitin Kishore Saxena participated in the Refresher Workshop “SEBI Financial Education Resource Person” organised by National Institute of Securities Markets (NISM), Mumbai in the month of Jan 2019.

- ❖ Dr. Nitin Kishore Saxena participated in the Management Development Programme on “Goods and Services Tax (GST)” organised by National Institute of Financial Management, Faridabad in the month of March 2019.

Invited/endowment lectures

S.No.	Name of Expert	Designation	Topic / Date
1	CA Aniket S. Talati	Partner – Talati and Talati, Chartered Accountants and Secretary – WIRC of the Institute of Chartered Accountants of India	Opportunities in the field of Commerce –July 2, 2018
2	Mr.Ghanshyam Thakkar	CFO, Gujarat Investments Corporation Ltd and Financial Controller – Gujarat RERA	Need for continuous learning – July 11, 2018
3	Mr. Satish Mistry	CIMA, Mumbai	Global Career Opportunities in Management Accounting –July 12, 2018
4	Mr. Nooh Kaushal	ACCA, Mumbai	Career opportunities with ACCA qualification – July 12, 2018
5	Prof Anil Kumar	Professor – Shri Ram College of Commerce, Delhi	Ethics and Corporate Governance – October 31, 2018
6	Dr. Ross Vandiar	Visiting faculty at University of Amsterdam and CEO of “Royal Dutch Advisory”, Netherlands	Journey of My Life – December 21, 2018
7	Mr. Pourav Thakker and Miss Harsha Sekwani	Partner - Yates Education offering ACCA Course	ACCA Qualification – February 26, 2019
8	Ms. Vaishali and Ms. Janet	Partner – U S Education	Higher Education in USA – March 1, 2019
9	Mr. Prakash Varmora	MD and CEO – Varmora Ltd	Empowerment through Entrepreneurship – March 30, 2019

Non-Teaching Staff development

- ❖ One Administrative staff successfully completed Staff Training Programme organised by the Centre for Quality Assurance & Academic Development during February 2019 to March 2019.

III- Research, Consultancy and Extension

Participation in National/International conference based on the acceptance of research paper

Financial Year	International Conference	
	Number of Teachers	Amount Incurred
2018 – 19	01	-
2017 – 18	01	-

Research Publications

Financial Year	National Journal			International Journal		
	Number of papers published	Number of papers considered for calculation of average impact factor	Average impact factor	Number of papers published	Number of papers considered for calculation of average impact factor	Average impact factor
2018 – 19	02	02	---	01	01	---
2017 – 18	02	02	---	03	03	---

Research Publications by Faculty

- Vandiar, R. & Paliwal, U. L. (2018). The Impact of Board Structures on Monitoring Function and Firm Performance: An Inquiry into Dutch Listed Companies. *Indian Accounting Review*. 22(1), June 2018. ISSN 0972 – 1754.
- Shah, D. A. (2019). Comparative Analysis of Factors Affecting Financial Performance: A Study Based on IT vs. Pharma Industries. In *Business, Economy, and Environment* (pp. 155-161), Himalaya Publishing House Pvt. Ltd.
- Shah, D. A. (2019). Dividend Payout Behaviour and Market Price: Evidence from BSE Listed Companies. *Journal of Commerce and Accounting Research*. 8(1), 54-60.
- Goyal, S. S. (2018). A Study on Working Capital Strategies of Indian ITes Industry. *Indian Accounting Review*. 2(22), December 2018, 55-75.

Details of Workshop conducted: Conducted a one-day workshop for MFC and M Com students at MLS University Udaipur on 3rd October, 2018. The title of the workshop was “Career Opportunities and Art of Designing Resume.”

Paper Presentation:

Presented paper on “Comparative Analysis of Factors Affecting Financial Performance: A Study Based on IT vs. Pharma Industries” at NICOM 2019.

Extension Activities/Community Service by Institute

As per the guideline of NSS, the NSS Unit of ICNU organised various activities under Regular Programme and also organised seven days special programme in Kavitha village from March 8-14, 2019.

Given below are some highlights of numerous activities piloted by our NSS volunteers:

1. The camp started with the participation of the volunteers in blood donation camp in the University.
2. Transformation of an unproductive land of ‘Shri Vinoba Ashram, Kavitha’ into a small beautiful garden.
3. Promotion of a number of government schemes like ‘Beti Bachao Beti Pado’, ‘Clean India Mission’ and ‘Vote India’ through rallies and door to door visits by our volunteers.
4. ICNU volunteers also offered their contribution to the school by teaching students and working for their overall development by covering dimensions like, Sports, Computer education and academics, Art and craft.

On the last day of the camp a ‘Cultural Evening’, ‘Craft Exhibition’ and ‘Prize Distribution ceremony’ was organised by the volunteers. Shri Kamal Kumar Kar, Regional Director, NSS Gujarat; Prof Dilip

Joshi, NSS Coordinator, Bhavnagar; Prof Udai Paliwal, Dean ICNU were also present during this event and motivated the volunteers.

Van Mahotsav

On the occasions of Independence day, 2018, the NSS unit of Institute of Commerce organised “Van Mahotsav”, a tree plantation and social service drive in the University campus.

- One day NSS Camp – The NSS unit of Institute of Commerce, Nirma University organized a one-day camp in the adopted village on September 15, 2018.
- Surgical Strike day: NSS unit of ICNU organised one-day special activity on Sep 29, 2018 for the celebration of Surgical Strike day. In this event volunteers collected around 800 plus messages from students and staff of the University.
- Pencil Sketch Competition: On the occasion of 150 years of celebration of Mahatma Gandhi Jayanthi ICNU organised Pencil Sketch Competition in the Institute wherein 23 students participated in the event.
- Rashtriya Ekta Diwas (National Unity Day) was celebrated by ICNU volunteers along with faculty members and staff, where every member took the oath of unity.

New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organization

Institute of Commerce, Nirma University signed an MoU with CIMA Global (Chartered Institute of Management Accountants) to provide students with opportunities to develop managerial and analytical skills in order to meet the challenges of business at the national and global level. In this regard the students of ICNU will get certain exemptions and on the completion of this course, they shall be awarded CGMA - Chartered Global Management Accountant qualification.

Institute of Commerce signed an MoU on January 11, 2019 with GIFT SEZ Limited, established as India’s first International Financial Services Centre (IFSC) under Section 18 of the Special Economic Zone Act, 2005 (“SEZ Act 2005”).

The MoU sets out the framework agreed between GIFT SEZ and ICNU to operationalise cooperation the areas such as: introducing a course on International financial services centre (IFSCs); conducting programmes in financial markets operations along with GIFT and other institutions based out of GIFT IFSC; conducting research in the field of International Banking, International insurance, International capital markets and organising seminars, guest lectures, workshops and conferences for creating awareness on International Financial Services Centre.

Another MoU was signed with Trusst24 (Authorised training partner of Tally Education Ltd, for providing tally software training) on January 11, 2019 to impart practical knowledge in the field of accounting by providing the students of BCom (Hons) an opportunity to get enrolled in the Tally-Ace Training. A total of fifty-eight students registered for Tally Training and successfully completed the course. All these students are now certified Tally Experts. The sessions were conducted at the computer lab by the faculty of Trusst24.

IV. Infrastructure and Learning Resources

- Computer facilities added: Laptops for faculty were procured. HP Laserjet Pro All in One printer was procured for Deans’ office.
- Library - learning resources added: This facility is common with Institute of Management, Nirma University.
- Civil work in progress/completed in this year: New building is under construction.

V- Student Support and Progression

Cut-off percentage marks – category wise

General Category	NRI Category
81%	62%

Student Achievements

The students at Institute of Commerce are encouraged to participate in various inter-college and inter-university events. The details of achievements of students are presented in two categories, viz, achievements at campus and achievements outside campus.

Achievements of students of Institute of Commerce outside campus

Name of Event	Name of Student participant	University/ State/National Level	Result
GLS University Fest - "Vishleshan"	Aval Dalal (Sem VI)	University	Winner of the event SUBMERGE - theme based painting.
	Peenaz Rohman (Sem VI)		
GLS University Fest - "Vishleshan"	Arpit Jain (Sem VI)	University	Runner up in the category of Music (Vocal) – Duet
	Kanchi Maheshwari (Sem II)		
GLS University Fest - "Vishleshan"	Zeenat Khan (Sem IV)	University	Awarded third position in "Cartooning"
GLS University Fest - "Vishleshan"	Zeenat Khan (Sem IV)	University	Awarded third position in the category of "Dance – Solo"
Ahmedabad Art Festival – Rangoli Competition	Disha Sodani	State	Winners of the Competition
	Zeenat Khan		
State Level Case Analysis Competition	Aashna Basotia and Pankaj Sharma	State	Winners of the Competition
	Mayuri Jain and Amisha Gupta		Winners of the Competition
	Aadarsh Jain and Dhiraj Karnani		Runners-up of the Competition
L J Institute of Management Studies Fest – ATHENA	Siddhi Gupta (Sem VI)	University	Runner up of the "Freakonomics" competition which was a combination of Debate, Quiz and Research paper analysis
	Ashish Korat (Sem VI)		
	Rahul Chhapparwal (Sem VI)		
SBI's National Level Quiz Competition – "NUMEROYONO"	Ashish Korat (Sem VI)	State	Winner of the Digital Quiz round at state level competing against 250 teams from across Gujarat
	Abhishek Gandhi (Sem-VI)		
	Harsh Gupta (Sem IV)		
MTV – Show: Elevator Pitch	Vinit Udernani (Sem VI)	National	Casted in the MTV show aired in November 2018. Also invited for pre-production shoot in February 2019 by an agency of international repute – VIACOM productions.

Achievements of students of Institute of Commerce within campus

Name of Event	Name of Student participant	Institute / University / National Level	Result
Talent Hunt			
Rangotsav-18	Nancy Bijrajka (Sem VI)	Institute	Winner
	Taru Kulshreshtha (Sem VI)		
	Anjali Bijrajka (Sem IV)		
	Srishti Agarwal (Sem II)		Runner Ups
	Saumya Dalwani (Sem II)		
	Rajnandini Rajpurohit (Sem II)		
Elocution	Diksha Lalwani (Sem VI)	Institute	Winner
	Monita Chaplot (Sem VI)		Runner up
Poetry Recitation	Vanshika Varlani (Sem IV)	Institute	Winner
	Amisha Gupta (Sem II)		Runner up
Debate – Team	Siddhi Gupta (Sem VI)	Institute	Winner
	Vedangi Gupta (Sem VI)		
	Vanshika Varlani (Sem II)	Institute	Runner up
	Aashna Basotia (Sem II)		
Dance – Solo	Saumya Dalwani (Sem II)	Institute	Winner
	Amisha Gupta (Sem II)		Runner up
Dance – Duet	Peenaz Rohman (Sem VI)	Institute	Winner
	Aval Dalal (Sem VI)		
	Mimansha Kaushik (Sem II)	Institute	Runner up
	Bhavika Mirchandani (Sem II)		
Dance – Group	Aarti Dhabai Team	Institute	Winner
	Saloni Chaturvedi Team		Runner up
Teachers' Day Best Message Contest - 2018 (A Pan India Competition by Tally Education Pvt Ltd)	Saumya Dalwani (Sem II)	National	Winner
	Jemin Desai (Sem IV)		Runner up
ELYSIAN 2019	Aadarsh Jain (Sem II)	State	Winners of the Plan O Pitch – Business Plan competition
	Leesa Mori (Sem II)		
	Srishti Agarwal (Sem II)		
	Khyati Nakum (Sem II)		
Advanced Student Ambassador Programme by S P Jain College, Mumbai (A Pan India Competition)	Aashna Basotia (Sem-IV)	National	Winners – Won a free paid Dubai trip and a confirmed seat in their Global MBA Programme
	Garima Sharma (Sem-VI)		
	Pehal Chhabria (Sem-VI)		
Photography Competition 2019	Peenaz Rohman (Sem VI)	University	Runners up
NUZEAL 2019	Kanchi Maheshwari (Sem II)	University	Runners Up in the category of Music (Vocal) – Duet
	Suniti Bajpai (Sem II)		

Value Added Courses

1. 'Yoga and Total Health' for Semester-I'

2. Advance foreign language (Spanish)' for Semester-II
3. 'Spreadsheet' for Semester – III
4. 'Advance foreign language (French) for Semester – IV

Co-curricular activities organized

Student Clubs in the Institute

The students are encouraged to plan, organise and participate in various curricular and extra-curricular activities on their own with basic support from the institute. Such an atmosphere inculcates a spirit of leadership and an understanding of different aspects of commerce. Students' clubs aim to provide opportunities to the members and the interested students to develop their entrepreneurial skills and help polish their abilities so as to prepare them to face the challenges of the business world. The various clubs/committees constituted at the Institute of Commerce are as follows:

Student Advisory Committee (SAC): This committee is concerned with the overall interests of the students and the Institute, and provides a direct link between the students and the administration.

PRISM – The Media and Publication Club: This club ensures appropriate media coverage for all events of the institute as well as organisation of photography related activities and workshops. The club also manages the social media handles of the Institute, and provides relevant content for the institute's newsletter and website.

LITWITS – The Literary Club: This club assists the organisation for all co-curricular activities like conclaves, guest lectures, quizzes, debates, essay-writing competitions, elocutions, other co-curricular activities, workshops, etc. The club also heads the preparation of the institute's newsletter – Kaleidoscope.

ADVITIYA – The Sports Club: This club assists in organisation of sports events in the campus. It also encourages the students of the Institute to participate in all sports activities organised within Nirma University as well as other colleges of the country.

Social Club: This club assists the organisation in activities like blood donation camps, awareness campaigns for Government schemes in villages, thalassemia, other social issues, Swachh Bharat Abhiyan, and extension activities like old-age home visits, charity drives, etc.

Cultural Club: The objective of this club is to cultivate and promote the interests of the students in cultural activities. This club assists in organisation of all other extra-curricular activities in the campus like cultural fests, ethnic day celebrations, etc.

Dance Club: The club assists with organisation of all dance related activities and workshops. It also encourages the students of the Institute to participate in all dance activities organised within Nirma University as well as other colleges of the country.

Music Club: The club assists with organisation of all music related activities and workshops. It also encourages the students of the Institute to participate in all music activities organised within Nirma University as well as other colleges of the country.

Theatre Club: The club assists with organisation of all theatre and drama related activities and workshops. It also encourages the students of the Institute to participate in all theatre related activities organised within Nirma University as well as other colleges of the country.

Placement Committee: This committee is responsible for coordinating the placement of the final year students of the Institute.

Internship Committee: This committee is responsible for coordinating the summer internships for the students of the Institute.

Sports activities at the Institute

The sports committee organised the first Inter-University sports fest of ICNU – “Kurukshetra” on Feb 7-8, 2019 at the Dome Ground, Nirma University Campus. Twenty-four teams of boys & girls of various reputed universities across Ahmedabad participated in the event. The title winner of boys was won by GLS-IC whereas in girls was won by GLS-BBA.

In the month of March, the sports committee organised first intra-institute cricket league – Commerce Cricket League (CCL) – a step further to friendly cricket and volleyball matches organised last year. Auctions for the same were held and there were five owner teams. The grand finale was played between Giant Super Novas and Chunky Monkees. CCL 2019 was won by Chunky Monkees with both the purple and orange cap in its account.

Youth welfare and cultural activities including extra-curricular activities organised in collaboration with other agencies on Campus

Name of Activity / Event	Date & Duration	Organising Club/ Committee	Type of event Intra/ Inter Institute	No. of student participants		Short Description of the event
				M	F	
Formal Freshers	27-07-18 Half Day	Cultural	Intra Institute	92	90	The sophomores and seniors formally inducted the students of freshman batch to increase cohesiveness amongst each other.
Rangotsav	04-08-18 Half Day	Cultural	Intra Institute	---	30	The Rangoli Competition was organised as a part of Talent Hunt to identify the Talents within the institute. The team comprised three students per team.
Talent Hunt	30-08-18 12 pm onwards	Cultural	Intra Institute	22	43	The competitions included – Poetry Recitation, Elocution, Debate, Singing – Solo and Duet, Dance – Solo, Duet and Group.
Teachers’ Day Celebrations	05-09-18 Half Day	Cultural	Intra Institute	92	90	The students expressed their love and gratitude to faculty through this event. They designed few games and entertained everyone

						through their mimicry of faculty.
Best Teachers' Day Message Competition	05-09-18 Full Day	Literary	Intra Institute	22	25	Tally Ltd organised this competition at colleges PAN India and ICNU was a part of this programme. Winners were awarded certificates.
Workshop on "Employability Skills – Bridging the Gap"	26th-29th September 2018 Four Days	In association with AIMA	Intra Institute	22	28	The workshop was organised for the graduating batch to help them groom their interview, interpersonal and soft skills.
Run For Cause	10-02-19 6 am to 10 am	Social and Media	Open for Ahmedabad	79	62	This was a CSR activity of the Institute with the cause being – "Education for underprivileged and poor section of the society." The funds collected shall be used for the cause. Going forward, this shall be an annual event.
Cadence – Music Competition	12-02-19 3 hours	Music and Media	Inter Institute	15	08	The participants were from GLS, PDP, SomLalit, New LJ, RJ Tibrewal, NIFT, NRIBA, MSU Baroda.
Drop A Beat – Dance Competition	12-02-19 3 hours	Dance Club	Inter Institute	87	57	The participants were from ICNU, PDP, St. Xaviers, R J Tibrewal, GLS, Adani Institute, J G College of Performing Arts, MSU Baroda, Indus University, and NAEMD
Cash Clash – Stock Exchange Game	12th – 13th February, 2019. Two days – 2 hours each day	Literary Club	Inter Institute	36	40	The teams were from ICNU, IMNU, BSE Institute, Foresight School, HLCC, Amity, Adani and GLS. The event was highly successful and much appreciated by the judges, participants and all the faculty members.

British Parliamentary Debate	12th – 13th February, 2019. Two days	Literary Club	Inter Institute	21	19	The event was a full day event wherein on 1st day 16 teams competed in three different rounds of which 8 qualified for the finals. The next day, finals were conducted. The teams were from GNLU, AU, IMNU, ICNU, IAPNU, AMITY, NRIBM, IIM Indore.
Business Plan Competition	13-02-19 3 hours	Literary Club	Inter Institute	33	17	The students had to prepare a business plan for their products and the same was to be presented. There was an impromptu round of designing advertisement for their respective products for which they received 30 minutes' time.
Business Quiz	12th – 13th February, 2019. Two days – 2 hours each day	Literary and Media	Inter Institute	34	12	On the first day was elimination round – pen and paper round. On the next day, there were Q & A as well as rapid fire round and winners were decided. The teams participated were from ICNU, IMNU, GLS, LD Engg., LD College, NRIBA, Adani, GIT, Amity Global School.
Bollywood, TV Series Quiz	13-02-19 1 hour	Literary and Media	Inter Institute	14	08	It was one of its kind with TV Series, Bollywood and Hollywood related quiz. The teams participated were from ICNU, IMNU, GLS, LD Engg., NRIBA.
Rangshala – Theatre Competition	13-02-19 4 hours	Theatre and Media	Inter Institute	43	17	The event had three categories – One-Act Play, Mono-acting and Stand-Up Comedy. The theatre performances were admired by all present. The entries were from IAPNU, ILNU, AU, St. Xaviers, HLCC, GLS, LJ Engg.

Melange – Fashion Show	13-02-19 1.5 hours	Cultural and Media	Inter Institute	56	40	There was overwhelming response to this competition. Hence a screening round was conducted at Caffeix Café. The final 20 presented their outfits in the finale. Students were from ICNU, NIFT, PDP, GLS, HLCC, ITI, Shree Sarvajanik College, LJ College, AU, JG College
Darshan Raval – Live Concert	13-02-19 3 hours	Cultural and Media	Open for Ahmedabad	Total – 4500 plus		Students of Nirma University and colleges of Ahmedabad and Gandhinagar were part of the live concert. It was appreciated by all the officials present at the concert.

Performance in Sport activities

Our students are laced with sportsmanship spirit and they showcased it at the University Sports Festival and bagged prizes in few of the events listed as follows:

Name of Student	Event	Semester	Medal
Dhruvil Savalia	Discuss Throw	II	Gold
Dhruvil Savalia	Shot Put	II	Gold
Dhruvil Savalia	Long Jump	II	Silver
Sambodhi Bansal	Discuss Throw	II	Gold
Sambodhi Bansal	Javelin Throw	II	Gold
Dhruv Detroja	1500 Mt Race	II	Bronze
Namisha Binaykiya	800 Mt Race	IV	Bronze
Monik Patel	200 Mt Race	IV	Bronze
Monik Patel	100 Mt Race	IV	Bronze
Team Games			
ICNU Boys team & Girls team	Kho- Kho		Silver
ICNU Boys team	Kabaddi		Silver

Activities of Guidance & Counselling Unit

The guidance and counselling unit of the institute is active throughout the year. The institute has a formal mentoring system, wherein each faculty is assigned students to mentor/guide them for their duration of study on campus. This process helps to create a healthy rapport between the faculty and students.

Further, the students with challenges – both academic and otherwise are identified. These students are encouraged by providing mentoring and counselling. Many times it is observed that students experience difficulties due to shift from regional medium of study to English medium. For all such students, remedial sessions are conducted to enhance their written and spoken English skills. Remedial sessions are also conducted for students who are slow learners.

The institute also takes initiatives to guide the students on different global professional courses. Seminar on “Future of Finance”, “Opportunities as an ACCA”, and “Global Career opportunities in Management Accounting” were organised at different points during the academic year in association with CIMA, Mumbai and ACCA. A seminar was also organised in association with U. S. Education to guide students opting to pursue higher education abroad.

Placement services

Placement committee was formed in the month of July 2018 with an aim to provide the placement to the graduating students of the Institute and further the academia-industry linkages. With an objective to step up the placement efforts, the placement policy of the institute was designed and circulated to the students in the month of August 2018. Fifteen students expressed their interest for placements. The placement brochure of the institute was designed and printed. Companies were approached for placements and internships. A four-day workshop on “Employability Skills – Bridging the Gap” in association with All India Management Association (AIMA) was organised by the institute for grooming the graduating batch to face the various stages of recruitment process.

Alumni Association

All the graduating students have submitted their interest in writing to join the ICNU Alumni Association. The first meeting of the association will take place during the week of next cultural fest of the ICNU.

Final Placements

Eighty percent of the students registered for placements are already placed and the average package of the students placed this year is 3.10 lakhs. The details of students placed successfully in renowned companies like KPMG, E&Y, HR Johnson, Nielsen is as follows:

S. No.	Name of Student	Company Name	Location	Position
1.	Mr. Piyush Chaudhary	H&R Johnson	Vadodara	Sales and Marketing
2.	Ms. Pallavi Salewala	KPMG	Ahmedabad	Risk Analyst
3.	Ms. Dravya Jain	KPMG	Pune	Risk Analyst
4.	Mr. Jugal Wadhwani	E&Y	Ahmedabad	Risk Analyst
5.	Ms. Niki Shah	Nielsen	Vadodara	Reference Data Specialist
6.	Ms. Tanya Chawla	Nielsen	Vadodara	Data Processing Specialist
7.	Ms. Nancy Binrajka	Nielsen	Vadodara	Reference Data Specialist
8.	Ms. Himani Gour	Nielsen	Vadodara	Data Processing Specialist
9.	Ms. Isha Gandhi	Nielsen	Vadodara	Reference Data Specialist
10.	Ms. Anvi Gosar	Nielsen	Vadodara	Reference Data Specialist
11.	Ms. Pehal Chhabria	Nielsen	Vadodara	Data Processing Specialist

**Department
of
Design**

Department of Design

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Department of Design

Outstanding Achievements and important activities

Department of Design commenced its programme offering professional education in Design, two years ago in 2017. With 3rd batch of students opting to study Industrial Design and Communication Design, the Department has 230 students today. Significant activities and achievements are as following:

1. For Admissions 2019, we partnered with IIT Bombay's Undergraduate Common Entrance Examination in Design (UCEED). This partnership was to facilitate an All India participation from interested candidates opting for a career in Design.
2. In the Academic Year July 2018-June 2019, 140 students did Industry Apprenticeship. This opportunity to apprentice at the end of Year 1 and intern at the end of Year 2 of study, resulted in multidimensional dividends. Design practice was observed at commercial, professional and entrepreneurial Design units. Students interned across the country. This exposure from Year 1 onwards every summer, gives students the necessary input in real life Contextual exposure and study.
3. Design theory emerges from the field and through practice. As our profession is an Output based activity, several field studies and diagnostic surveys have been incorporated within Theory courses. Communication Design students as part of Communication Theory course have studied the Visual Narrative discourse in Classical, Folk and Popular cultures. They have done primary research to study: Packaging of Agro-products, Incense materials, tobacco Beedis, Jain discourse on Karma, Food on a Plate, Elephant iconography in Indian classical and folk traditions. The study incorporates photographs, sketches and contextual research. The output has resulted in 6 books.
4. Communication Design students, as part of their Identity Design Course did extensive work in redesigning hypothetically, the Identity of Nirma University. About 42 new Identities were designed and the entire system was worked out to the minutest detail. Six groups of students designed an Identity Manual each of the logos selected in the Identity Design course.
5. Industrial Design students of Semester IV as part of their 'History of Objects' course have done a detailed field survey and diagnostic study of two clusters. Morbi ceramic cluster and Dhrangadhra stone cluster. The focus of the study was 4-fold to understand:
 - Material, Manufacturing and Markets
 - Parallel existence of different technologies
 - Processes used, Regulatory mechanism and environmental footprint
 - Traditional histories of evolution of objects, skills, technology and enterprise

These studies are documented as books and with technical refinement could be converted into publications.

Dignitaries Visited

The following dignitaries visited the Department of Design during its Orientation Programme:

Prof. Vikas Satwalekar, visual communication designer and former Director - NID Ahmedabad.
Mr. Suresh Eriyat, filmmaker, designer, animator and artist, winner of the President of India's National award in 2016 for best animated film, "Fisher Woman and Tuk Tuk".

Ms. Rashmi Korjan, Founder- Partner of Studio Korjan, Ahmedabad, and teaching since 1990 at several leading design schools including NID Ahmedabad; CEPT University, Ahmedabad; NIFT Gandhinagar; IICD Jaipur; IILM Gurgaon Delhi; MRID at MSU Baroda; and Flame University, Pune.

Mr. Parthiv Shah, Founder-Director of Centre for Media and Alternative Communication (CMAC).

Ms. Mona Gonsai, a graphic designer, and an alumna of NID, Ahmedabad.

Mr. Tarun Deep Girdher, faculty at NID Ahmedabad.

Ms. Tanishka Kachru, faculty at NID Ahmedabad, and former Assistant Curator in the Victoria and Albert Museum in London.

Dr. Savyasachi, an anthropologist and teacher at the Department of Sociology, Jamia Millia Islamia, New Delhi.

Dr. Somnath Gangopadhyay, Professor, Occupational Ergonomics Lab, University of Calcutta.

Mr. Lokesh Ghai, a textile artist, researcher and academician working with traditional craft practice.

Mr. Mithun Darji, recipient of the prestigious Red Dot Design Award (Singapore) for designing Cross X, a low-cost hybrid electric bicycle, is a product designer by profession.

I- Curricular Aspects

Initiative/Innovation in curricular design

1. Students of Industrial Design, at the end of every semester have a Design Project and prototype development as part of the curricula. As part of the Semester III and IV courses, the Industrial Design students did 'Simple Products Design' around Cookware and Simple Mechanical Devices, with learning and play for children as their focus. Students developed around 50 product prototypes, each one a functioning product- device. Many of the innovative solutions have potential for patent and/or commercial conversion after further refinement.
2. Students of Communication Design have designed 40 booklets around insightful themes based on their Imaging Techniques course (Photography). Short film making is a significant part of the curriculum. Within the Communication Design discipline, students will be able to select a minor specialization through participation in Elective Courses - Graphic Design and Film Design are two pathways that would be offered to students from Year 3. Semester IV students, created 7 short films in their course Moving Images wherein they did the scripting, story boarding, casting of characters, lighting, direction, cinematography, sound recording and final editing. The themes were varied and the titles of the short films are:
 - A Mid-summer's dream
 - It's all in your mind
 - 47 Lift
 - Rewind
 - Dear Diary
 - Tune in
 - Happinezz

II - Teaching-Learning and Evaluation

- **Faculty completed/pursuing Ph.D**

Kanupriya Taneja, Associate Professor is pursuing PhD in the area of ‘Design Education’ from Banasthali University.

- **Innovation in Teaching - Learning & evaluation**

Geometric Construction 2D & 3D	Use of software like Geogebra and Adobe Illustrator to teach construction methods in 2D Geometry.
Rural Exposure and Documentation	Applied virtual methods for submission of assignments like Google classroom in the course.
Colour I	Students made a color wheel by using found objects. As a result of the same a giant color wheel was created. It also made students understand the various tones and tints of color.
Basic Typography	Students were asked to find alphabets in the environment through photography to enhance typographic sensibilities. This has resulted in the making of 4 books, ready for publication.
Design and Environment	In this course students are exposed to varied contextual environments. Study of an occupation on a street, small and micro- enterprises, large organizations and their systems of operation and product- user interface. These contextual studies are mapped and visually narrated as visual storyboards. Notable in these is the sensitization towards various demographic segments of people that constitute an urban landscape. The students also perceive finer details of human behavior and attitudes.

Interdisciplinary Student Projects

Design is an Interdisciplinary course. Almost all courses converge with other disciplines.

Exam Reforms Implemented

Department of Design has Continuous Evaluation as its only evaluation method. This consists of evaluation of course work through the semester and a Semester End Evaluation Jury. Students showcase their work periodically.

Number of faculty development programmes availed by the faculty members

Faculty Development Programme at Nirma University, Ahmedabad organized by the Center for Quality Assurance & Academic Development (CQAAD) from 28 May to 23 June, 2018 had participation of three faculty members, Prof. Nabajit Deka, Prof. Risha Roy, and Prof. Kriti Khatri.

Non-Teaching staff development

Two staff members attended a Staff Training Programme organized by the Centre for Quality Assurance and Academic Development (CQAAD), Nirma University from 19th February to 7th March 2019.

III- Research, Consultancy and Extension

Number of Teachers allowed participation in National /International Conference

Faculty members participated at the Indian Institute of Technology, Bombay - IDC Conference on Design Education, March 15-16, 2019.

Prof. Kriti Khatri (June 29, 2019) attended a conference: 3D Print Tech "Trends in Additive Manufacturing" at Hyderabad.

Prof. Nabajit Deka (July 19-21, 2018) attended Continuing Education & Quality Improvement Programmes (CE & QIP) course at "Expo CD" conducted by IIT Bombay.

Prof. Kanupriya Taneka and Prof. Risha Roy (November 1-2, 2018) attended "Insight 2018", the International Design Research Symposium, held at the National Institute of Design (NID), Ahmedabad.

Prof. Sangita Shroff (January 11- 12, 2019) attended Pune Design Festival 2019.

Prof. Sangita Shroff (Feb 22- 23, 2019) was invited to "What's Next: The Creative Spark" organized by Pearl Academy of Design at Mumbai.

Financial Year	National Conference		International Conference	
	No of Teachers	Amount Incurred	No of Teachers	Amount Incurred
2018-19	8	91415	-	-

Awards and Recognitions (Institute/Department/Faculty)

Faculty Awards and Recognitions

Kanupriya Taneja - Associate Professor was invited as an expert for 3 days for a planning group meeting from July 17-19, 2018 by NCERT, New Delhi for designing an online course for In-service Professional Development of Teachers in Arts Education. As an expert she gave her inputs in designing this online course and mapped the resources to be given for different modules. This course will be launched through Swayam Platform hosted by Government of India.

She was also invited by Nirma Institute of Management, Ahmedabad, to deliver a lecture on the "Visual Side of Branding" on December 10, 2018 for 2nd Year MBA full time students.

Extension Activities/Community services by Institute/Department

Educational visit for Rural Exposure and Documentation, March 24 - 30, 2019

The Foundation Year students (Semester II) of Department of Design were part of the Rural Exposure study trip to KHAMIR in Bhuj and Jatan Sansthan in Rajsamand. One group had an immersive experience at Khamir, which works to strengthen and promote the rich artisanal traditions of Kachchh district. The second group of students at Jatan Sansthan in Rajasthan, a grassroots not-for-profit organization, saw the initiatives with rural and resource poor communities in the districts of Rajsamand, Udaipur and Bhilwada in the state of Rajasthan.

In Design, the context is a significant parameter encompassing geographic, economic and cultural factors of any given space in time. The week-long experiential exposure was aimed at introducing students to developmental initiatives guided by ‘design’ and socially equitable, sustainable practices of such organizations working at the grass roots. The organizations were selected such that they had designers as key members of the team on the ground, working with social entrepreneurs, scientists, social workers, communicators and artisans. The students produced visual documentation of their experiences. The faculty mentors accompanying the students included Prof. Nabajit Deka, Prof. Anil Bhaskar, Prof. Vishnupriya Narayanan, Prof. Tanaya Vyas and Prof. Priyanki Choudhary.

New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organization

Sr. No.	Date of MoU Signed	MoU with
1	28-08-2018	Department of Design, Nirma University signed an MoU with IIT Bombay for result sharing of UCEED examination conducted by IIT Bombay for students seeking admission in institutions offering the Design Discipline.

IV- Infrastructure and Learning Resources

Computer facilities added: 34 Desktop computers and 25 licenses of Adobe Creative Suite Software.

Library - Learning resources added:

Books (Vol.)	778
Books (Titles)	756
Periodicals (Print)	15
Newspapers	1
Electronic Media	8
Photo Albums	3
Indian Standards	0
Institute Membership	1

V- Student Support and Progression

Cut-off percentage marks – category wise

B.Des Admissions 2018-19

15% NRI / NRI Sponsored Category- No candidates admitted

Name of Programme	First Merit No.	Last Merit No.
Communication Design	1	260
Industrial Design		

Student Achievements

Tanvi Kumar, Semester II, Industrial Design has following achievements to her credit:

Sr. No	Name of the Event	Date	Venue	Position/ Award	Remarks
1	Ahmedabad District Selection Karate Tournament (org. by Karate Association of Ahmedabad)	19-08-2018	Sushilaben Hall, Ahmedabad	Silver Medal	In Kumite (Fight)
2	SKSI's 9th International Karate Championship (approved by Karate Association of India)	27-12-2018 to 28-12-2018	Clarks Awadh, Lucknow	Gold Medal	In Kumite (Fight)
3	SKSI's 9th International Karate Championship (approved by Karate Association of India)	27-12-2018 to 28-12-2018	Clarks Awadh, Lucknow	Silver Medal	In Kata
4	Certification of Merit/Achievement by Shito-Ryu Karate Do India (approved by Karate Association of India)	29-08-2018	Ahmedabad, Gujarat	Jr. Brown Belt (3 Kyu)	Sole representative: Nihonden Karate do Showakan (Japan) approved by Karate Asso. of India

Achievements of Akanksha Shah, Semester II, Industrial Design:

Sr No	Name of the Event	Date	Venue	Position/ Award
1	Gujarat State Chess - U/19	27-10-18	Ahmedabad	Third Position
2	Nationals Chess - U/19	28-11-18	New Delhi	Participant
3	Khel Maha Kumbh State Chess	18-12-18	Ahmedabad	Third Position

University Level

The Annual Sports Meet of Nirma University, Ahmedabad was organized from 04 – 06 October 2018.

Results:

1. Gold in Chess
2. Second Runner up in Relay Race (Women)
3. Silver medal in Discus Throw (Women)
4. Silver medal in both Basketball (Women) and Volleyball (Women)
5. Silver medal in Volleyball (Women)

Youth Welfare and Cultural Activities

NUZEAL

A University Level Annual Cultural Festival - NUZEAL 2019 was organized by Students Welfare Board on 5th & 6th February 2019. Following students won at the event:

- Riddhi Soni and Muskaan Gupta won the first prize in Rangoli competition from Department of Design.
- Anupriya Yadav and Krati Palawat received Consolation Prize from Department of Design for Poster Making.
- Piyush Vishwakarma from Department of Design won the Consolation prize for Cartooning.

Events Organized

Department of Design festival: REDO

The Department of Design at Nirma University hosted the first edition of its cultural festival- ReDo, from 18 - 22 March, 2019. The festival had a series of workshops in which expert artisans and designers were invited to conduct hands-on events like Kaavad, Bamboo and Leather craft. There were theatre workshops as well as film screenings. A cooking competition sponsored by Nestle India also took place. There were talks by Ms. Mahek Malhotra (CEO, Giggling Monkey) and Mr. Mithilesh Valzawar (Coffee expert). Stand-up comedian Urooj Ashfaq was also a part of the festival. The festival aimed at enriching the knowledge of design students beyond classroom environment and encourage creative leadership and collaboration.

Performance in Sports activities

Inter-University Sports Festival - AbhimaNU'19

Nirma University organized its second edition of Inter-University Sports Festival - AbhimaNU'19. The sports fest organized from February 19-24, 2019 consisted of three sporting events: Cricket, Volleyball and Table Tennis, in which, a total participation of about 450 players was witnessed from colleges and universities all over Gujarat. Students from Department of Design were part of the Women's Volleyball team that stood on the Runners-up position. The Prize Distribution Ceremony of AbhimaNU'19 was held February 24, 2019 at Cricket Ground, Nirma University.

**Centre for
Continuing Education**

Centre for Continuing Education (CCE)

Preamble

Continuing Education is a lifelong learning process which meets the variety of needs of Industry, Business and the Community and includes skill training or upgrading of skills and knowledge through competence based education. Resources available in the form of buildings, laboratories, instruments, capability of faculty members, etc. can be put to use not only for the students but also for industries, other professionals, and stake holders and to the general public.

Industries are constantly changing. Continuing Education is required to stay updated with the latest developments, skills, and new technologies required in the respective field. Overall, Continuing Education is considered a way for professionals to keep abreast of their fields, after completion of their regular study, so that they do not lag behind. Also, skill development of community at large is essential to develop self-employability skill of people.

Nirma University believes in providing life enhancing skills and expertise to individuals by offering them various opportunities for learning and educating themselves. Center for Continuing Education (CCE) is an effort in that direction which was established by Nirma University in the year 2012.

The objective of the Centre is to satisfy the needs of all the stakeholders in terms of skill, life and societal development. It is engaged in conducting the need based programmes round the year as proposed by the various constituent institutions of Nirma University. All the programmes organized under CCE are generally conducted and coordinated by the constituent institutions of Nirma University.

Summary of Programmes carried out during April 1, 2018 – March 31, 2019

Sr.No.	Name of Institute	No. of Programme(s) Planned (a)	No. of Programme Conducted		
			As Per Planning (b)	Other than Planned (c)	Total (d) = (b) + (c)
1	Institute of Technology (ITNU)	9	4	7	11
2	Institute of Management (IMNU)	10	1	1	2
3	Institute of Pharmacy (IPNU)	5	5	0	5
4	Institute of Science (ISNU)	1	1	0	1
5	Institute of Law (ILNU)	10	1	1	2
6	Institute of Architecture and Planning (IAPNU)	4	3	0	3
7	Centre for Continuing Education (CCE)	1	1	4	5
Total		40	16	13	29

Programmes Conducted Successfully

Programmes carried out by ITNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Back End VLSI Design	April 6-7, 2018	12	2	14	16540	14182
2	Engineering Graphics - A Language of Engineer	June 6-8, 2018	0	23	23	23000	22985
3	Engineering Mathematics – A tool for Engineers	June 11-15, 2018	0	33	33	33000	28713
4	Solid modelling using CAD software	Sep 1, 2018 to Oct 20, 2018	16	0	16	40000	28963
5	Internet of Things and Fog Computing	Aug 28-29,2018	32	4	36	38200	30509
6	Testing and Verification of VLSI Design	Oct 2-3, 2018	64	1	65	28600	28132
7	Interactive application using python	Oct 20, 2018	9	1	10	5250	5224
8	Lean Six Sigma Yellow Belt	Jan 5-6, 2019	38	0	38	41800	40843
9	Simulations of Wireless Communication Systems using OCTAVE	Jan 19-20, 2019	0	9	9	10400	9405
10	Geometrical Dimensioning & Tolerancing	March 16,2019	41	0	41	10250	9443
11	Soft computing techniques and its application in Electrical Engineering	March 16,2019	11	0	11	5500	1834

Programmes carried out by IMNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Data Analytics and Business Modelling Using MS Excel	Dec 1-2, 2018	0	10	10	82600	39733
2	Leadership Style and Skills	Dec 20-21, 2018	0	7	7	53690	31820

Programmes carried out by IPNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Neuropharmacological Evaluation of Drugs Application of Stereotaxic Surgery and Behavioral Assessment	Aug 31, 2018	5	26	31	15700	14175
2	Hands on Training Programme on Formulation and Characterization of Nanoparticulate Drug Delivery System	Sep 29, 2018	46	30	76	26500	25856
3	Hands on Training for Sophisticated Instruments	Dec 28, 2018	13	26	39	17550	12168
4	Computer Aided Drug Design Software	Feb 16, 2019	30	3	33	12300	10703
5	Experimental Animal Models and Drug Evaluation Techniques	Feb 19, 2019	4	42	46	22400	19702

Programmes carried out by ISNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Seminar on CRISPR Cas9 in Genome Editing	March 2, 2019	41	24	65	79100	78019

Programmes carried out by ILNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Advanced Certificate in International Business Taxation Law	Sep 15, 2018-Oct 26, 2018	20	0	20	50000	38537
2	Forensic Psychology Application in Civil and Criminal Justice Administration	Oct 20, 2018	32	45	77	58400	55265

Programmes carried out by IAPNU during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	Photography	Dec 24-25, 2018	0	28	28	7000	6878
2	Python Climate Responsive Design	March 16-17, 2019	6	0	6	6000	5369
3	Photography	March 30-31, 2019	0	3	3	6000	5375

Programmes carried out by CCE during April 1, 2018 – March 31, 2019

Sr. No	Name of the programme	Date	Participants			Income (₹)	Expenditure (₹)
			Internal	External	Total		
1	GATE Preparation classes-GATE 2020	Aug 5, 2018 to Jan 2020	39	0	39	1361000	991100
2	GRE	Aug 1, 2018	6	0	6	108000	86760
3	German Language Learning Class	Sep 1, 2018 to Oct 30, 2018	33	0	33	330000	173745
4	French Language Learning Class	Sep 1, 2018 to Nov 2, 2018	15	0	15	112500	50100
5	GATE Preparation classes-GATE 2021	Feb 23, 2019	18	0	18	630000	255000

Comparative data analysis from 2017-18 to 2018-19

1. Number of Programmes Organised under CCE and conducted by various institutes of Nirma University during 2017-18 to 2018-19

Sr. No.	Name of Institute	2017-18	2018-19
1	Institute of Technology	11	11
2	Institute of Management	5	2
4	Institute of Pharmacy	6	5
5	Institute of Science	1	1
6	Institute of Law	1	2
7	Centre for Continuing Education	0	5
8	Institute of Architecture & Planning	1	3
Total		25	29

2. Total number of participants in various programmes organised under CCE and conducted by various institutes of Nirma University during 2017-18 to 2018-19

Sr. No.	Name of Institute	2017-18			2018-19		
		Internal	External	Total	Internal	External	Total
1	Institute of Technology	174	90	264	223	73	296
2	Institute of Management	0	62	62	0	17	17
4	Institute of Pharmacy	221	91	312	98	127	225
5	Institute of Science	1	28	29	41	24	65
6	Institute of Law	0	7	7	52	45	97
7	Centre for Continuing Education	0	0	0	111	0	111
8	Institute of Architecture & Planning	5	1	6	6	31	37
Total		401	279	680	531	317	848

3. Total income of various programmes organised under CCE and conducted by various institutes of Nirma University during 2017-18 to 2018-19

Sr. No.	Name of Institute	2017-18	2018-19
1	Institute of Technology	348700	252540
2	Institute of Management	605870	136290
4	Institute of Pharmacy	113000	94450
5	Institute of Science	140974	79100
6	Institute of Law	5600	108400
7	Centre for Continuing Education	0	2543500
8	Institute of Architecture & Planning	10500	19000
Total		1224644	3233280

4. Total expenditure of various programmes organised under CCE and conducted by various institutes of Nirma University during 2017-18 to 2018-19

Sr. No.	Name of Institute	2017-18	2018-19
1	Institute of Technology	276502	220233
2	Institute of Management	281026	71553
4	Institute of Pharmacy	94419	82604
5	Institute of Science	127761	78019
6	Institute of Law	5078	93802
7	Centre for Continuing Education	0	1556705
8	Institute of Architecture & Planning	9687	17622
Total		794473	2120538

5. Overall performance of CCE during 2017-18 to 2018-19

	2017-18	2018-19
Income ₹.	1224644	3233280
Expenditure ₹.	794473	2120538
Net Balance ₹.	430171	1112742
No. of Programmes Organized	25	29
No. of Participants attended	680	848



NIRMA
UNIVERSITY

NAAC ACCREDITED 'A' GRADE

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