

14th ANNUAL REPORT-2016 – 17

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Executive Summary

April 1, 2016 to March 31, 2017

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 view of the major accomplishments of the university and its constituent institutes during the financial year 2016-17.

Nirma University

New Programmes Introduced

Department of Design was constituted as an independent department on January 6, 2017. The department introduced courses like Bachelor in Industrial Design and Bachelor in Communication Design.

Innovative Initiatives

Scheme for providing Grants to Faculty members for publishing different literature

In order to promote research publications by faculty members and research scholars at Nirma University, scheme for publication grants is introduced on October 14, 2016. This grant intends to motivate and support faculty members and research scholars to strive for excellence in the area of research and publish.

Academic Audit

To ensure continuous process of strengthening the quality of education a three tier academic audit including external third party has been introduced vide notification dated May 5, 2015. Total 79 number of Peer Faculty Classroom Observations and 30 Institute Level Academic Audits were undertaken in 2016-2017.

Funding of Major Research Projects

The university has been funding upto rupees one lac per project to the faculty members to conduct minor research projects for several years with the objective to strengthen the capability of young faculty members to conduct research. In furtherance, the university, from the academic year 2015-2016 has implemented the scheme of funding major research projects upto rupees thirty lacs per project. Under this scheme two projects are in progress; one was approved last year and another was approved this year and for both the amount of 55.92 lac is sanctioned.

Directorate of Research and Innovation

Directorate of Research & Innovation has been constituted on October 16, 2016 as a separate identity to promote the research ambience, create research culture and coordinate its sustenance, motivate

researchers, offer guidance and excel in variety of research activities. The Directorate shall coordinate and enhance innovations, research publications, post graduate and doctoral work, active national and international collaborations, Intellectual Property, funded research and interdisciplinary research.

Academic Development and Research (ADR) Cell

The ADR Cell organised orientation and induction programmes for 83 faculty members and trained around 193 faculty members through STTP, Refresher programme and faculty development programmes. In workshops and seminars around 207 participants were provided training. Approximately 372 participants took benefit of in-house programmes in the financial year 2016-17.

Institute of Technology

Rankings

- Ranked 2nd in West Zone and 21st in top 25 India's Best Colleges by India Today May, 2016.
- Ranked 2nd in Gujarat State and 11th in Top Engineering Colleges of Super Excellence by Competition Success Review-GHRDC Engineering College Survey in July, 2016.
- Ranked 5th in the West Region and 30th amongst India's Top 100 Private Engineering Colleges as per the survey conducted by The Week in June, 2016.
- Ranked 5th in Top 100 Private T-Schools across the country in the DataQuest CMR T-School Survey June, 2016.
- Ranked 10th among self-financed colleges and 29th in Top 100 Engineering Colleges across the country by Outlook Magazine in July, 2016.

Fellowship

- Dr. Dhaval Pujara received US Fulbright-Nehru Fellowship for International Education Seminar at USA during October, 2016

Faculty Awards

- Prof. Dr. P. N. Tekwani (Professor and HoD – Electrical Engineering, IT, NU) received Rajarambapu Patil National Award in the ceremony held on February 10-12, 2017 for the Promising Engineering Teacher for Creative Work done in Technical Education.
- Dr. H. K. Patel awarded with the Distinguished Society Service award in ISA Automation week 2015-16 conducted by ISA District October 14, 2016.

Students' Awards

- 20 students participated in the “Robocon National Contest – 2017” held on March 3-5, 2017 and won Best Innovative Design Award.
- A team of 25 students participated in the prestigious SAE-BAJA competition, February, 2017 and won 2nd prize in both Sledge Pull and Go-Green events.
- Mitsubishi Cup - MECUP-2 a National level Automation Competition for Students organised by Mitsubishi Electric India Pvt Ltd. at College of Engineering, Pune, Maharashtra, India. 120 teams participated from more than 15 states of India. Team “CON-SL-E” from Institute of Technology, Nirma University secured 2nd place and become winner of Silver Cup along with Rs.75000/- Prize.

Major Events Organised

- Shri Manohar Parrikar, Hon. Defence Minister, India and Shri Vijay Rupani, Hon. Chief Minister, Gujarat inaugurated two days symposium PRAVEG '16 organised by Mechanical Engineering Students' Association (MESA) on October 17-18, 2016.
- National Level Technical Fest (NuTECH) was organized in March, 2017 by the Institute which saw a participation of 4500 students from all over Gujarat.
- Industry-Academia Meet was organized in February, 2017 by the Industry Institute Interaction Cell where around 465 HR personnel and students participated. Two panel discussions with CEOs as panelists were highlight of the event
- Employment Awareness Camps were organized by the Entrepreneurship Development Cell for the students on September 14-15, 2016.
- Edumeet on, "Factory Automation: Bridging the Gap between Industry and Academia" was jointly organized in October, 2016 by Instrumentation and Control Engineering Department and Mitsubishi Electric India Pvt. Ltd (MEI)

Institute of Management

Awards

- B-School with Excellent Industry Interface at National Education Awards organised by ABP News on 23rd June, 2016 in Mumbai.

Rankings

- Ranked 27th best B-School and published in Business Today, December, 2016.
- Ranked 1st among the Top Private B-School in Gujarat State and 4th best Private B-School in the Super Excellence Category by CSR-GHRDC, November, 2016.
- Ranked 14th among Top Private B-Schools in India by The Week Hansa Research Survey, October, 2016.
- Ranked 15th best B-school by Education World, May, 2016.

Faculty Awards

- Prof. Sameer Pingle won Best YoungTeacher Award from AIMS Ramaswamy P Aiyar Best Young Teacher Award, (28th August 2016), Academic Excellence Award-2016 by Higher Education Forum (HEF) and Best Associate Professor of the Institute for Overall Performance, 2016 by Nirma University.

Major Events Organised

- The 20th Nirma International Conference on Management (NICOM) was organized by Institute of Management, Nirma University during January 5 - 7, 2017. The central theme of the Conference was "Contemporary Marketing: Concept, Practice & Method" and had number of sub-themes. In total, 195 abstracts, and 120 full papers were received from India and countries like Rwanda and Bangladesh.
- The institute, under the aegis of its Doctoral Programme in Management, organized Doctoral Research Conference in Management "ANVESH" in April, 2016. The conference had 4

workshops, 12 track sessions with 49 presentations and 6 research clinics, over the two days. It had received 91 abstracts 41 full Papers which were accepted for publication after a blind review.

- Jointly with American Society for Quality (ASQ) Local Member Community Ahmedabad the Institute organized the subject conference on November 26-27, 2016. The theme of the conference was "Lean Imperatives: Lessons for Indian Organizations".

Management Development Programme

- The institute organised multiple Management Development Programme (In –House and Open) and more than 190 executives benefitted from these programmes.

Institute of Pharmacy

Faculty Awards

- Dr. Jigar Shah received "Best Presentation Award" for his research paper "Combined effect of vesicular system and iontophoresis on skin permeation enhancement of an analgesic drug" presented as Oral presentation at 18th International Conference on Pharmacology and Pharmaceutical Medicine 2016 at Vancouver, Canada.
- Dr. Dhaivat Parikh received "Best Paper Award" with First Position for Research Poster entitled "Formulation Optimization of Novel Medicated Chewing Gum for Treatment of Oral Fungal Infection" presented at 6th Indo-Japanese International Symposium, Goa on September 23-24, 2016
- Dr. Bhoomika M. Patel received best poster presentation award at Fifth International Conference on "International Conference of Pharmacoeconomics and Outcomes Research" held from March 3-4, 2017 organized by Society for Pharmacoeconomics and Outcomes Research and Delhi Pharmaceutical Sciences & Research University.

Major Events Organised

- Institute of Pharmacy organized International Conference – "NIPiCON-2016" on "Global Challenges in Drug Discovery, Development and Regulatory Affairs" during January 21-23, 2016.
- Department of Pharmacognosy has organized one day national seminar on "Herbal Cosmetics: Recent Advances, Regulations and Market Trends" on March 4, 2016.
- Department of Pharmaceutical Chemistry has organized National Seminar on "Recent Advances in Drug Discovery - 2016 on 28th March, 2016.

Institute of Science

Faculty Awards

- Dr. Vijay Kothari was awarded with Best Teacher Award (Microbiology) on June 4, 2016 during the Aufau International Awards.
- Dr. Sriram Seshadri was awarded "Outstanding Award for Research Excellence – 2016" at Indo-American Education Summit 2016 by The INDUS Foundation and Omics Publishing Group, USA in July, 2016.

Student's Awards

- Two Ph.D./M.Sc. (Ms. Krishna Bharwad and Mr. Ankit Naik) students won best poster awards during XXXI Gujarat Science Congress and International conferences held on February 4-5, 2017.
- Two M.Sc. students were selected in Queen Elizabeth II Diamond Jubilee Scholarship program of Memorial University, Canada in September, 2016.

Major Events Organised

- A two day national conference on “Malaria parasite biology- Drug designing & Vaccine development” was organized on September 9-10, 2016, which was attended by distinguished researchers from all over the country.
- The ISNUAA had organized annual event 'MILAN' for the alumni members at IPNU on 24th December, 2016.
- A CCE three day hands on training workshop on “Molecular Biology techniques- cloning to expression” was organized on January 16-18, 2017 at the institute.

Institute of Law

Rankings

- Ranked 3rd in Career 360 Young Law School Ranking January, 2016.
- Ranked as 1st Top Law Schools of Eminence in India by Global Human Resource Development Centre (GHRDC), March 2016.
- Ranked 6th in Best Private Law Colleges in India, The Week, June, 2016.
- Ranked 11th in the top 20 Law colleges among National Government and Private Law Schools in India by Outlook, June, 2016.

Faculty Awards

- The Council of Indian Society of Criminology conferred THE ISC – Dr. B.S. Haikerwal and Prof. Sushil Chandra Award (Senior Social Scientist) to Prof. (Dr.) Purvi Pokhariyal, Dean and Director, Institute of Law, Nirma University, Ahmedabad for her significant contribution to Criminology. The award was conferred at the 39th All India Criminology Conference of Indian Society of Criminology (ISC) on Criminological challenges in the Contemporary Era, organized by National Law University Odisha, Cuttack on September 22, 2016.

Student’s Awards

- The team comprising of Rajeev Kumar Tiwari, Ayushi Mukherjee and Suryansh Srivastava of First Year has been declared the winner in the 7th Jamia Milia Islamia National Moot Court Competition held from March 17-19, 2017.
- Five students achieved top ranks in the Rajasthan Judicial Service Examination results declared in November 2016. They were Chitrakshi Singh (Second Rank), Vaibhav Soni (Seventh Rank), Shaili Parwal (Seventeenth Rank), Vikas Jain (Thirty First Rank) and Nidhi Beniwal (Forty Eighths Rank) were picked up in the Judicial Sector.

Major Events Organised

- The Sixth International and Tenth Biennial Conference of the Indian Society of Victimology on “Ensuring Victim’s Participation in the Criminal Justice System” was organised from February 23-25, 2017.

- The ninth Public Lecture in the sequence to the Annual Public Lecture Series was conducted by the Institute on January 7, 2017. Hon'ble Mr. Justice Dr. S. Muralidhar, Judge, Delhi High Court delivered the Public Lecture on the topic on Access to Justice: Distant Reality.]
- The flagship event, the 7th ILNU National Moot Court Competition, 2017 was organized from February 10-12, 2017.
- Sixth ILNU National Students' Conference on *International Humanitarian Law and Refugee Law* was organized on March 16, 2017.
- Organized major workshops on Patent Litigation, Patent Drafting, Legislative Drafting, Legal Journalism and Mediation Training Workshop.
- From February 3-5, 2017 organized Annual Extra Curricular activities – Annual Cultural-Sports Fest VIBES, Model United Nations (MUN) Pratinidhitva (MIP)
- A series of Academia Conclave(Corp. Law, Criminal Law, Constitutional Law, IPR Law) was organised in the month of July, 2016. Legal experts from different fields across the country delivered expert lectures and interacted with the students.
- Conducted legal awareness campus in Rajkot Central Jail on July 23, 2016 The Institute, in association with South Asian Institute of Advanced Legal and Human Rights Studies (SAILS) and Centre for Social Justice (CSJ), organised a four day Training of Trainers programmes for the capacity building of paralegals from March 6-9, 2017 in Ahmedabad.
- Legal Aid Committee of ILNU visited Sabarmati Jail Campus 8 times and counselled 65 under trial prisoners on various issues i.e. law relating to murder, narcotic drugs, corruption, rape, forgery, theft and dacoit.

Institute of Architecture & Planning

Student's Awards

- Ms. Zeel Patel, a first year student of B Plan programme was awarded for the “Best Position Paper” in the Model United Nations held at IMNU on January 27, 2017.

Major Events Organised

- KALP – The annual technical and cultural festival with the theme “Vision Beyond Imagination” was organized in the institute from February 20-24, 2017.
- IAPNU hosted an annual event conducted by Council of Architecture (COA) from August 11-13, 2016, through its academic unit – National Institute of Advanced Study in Architecture (NIASA) an “Awards Program for Excellence in Architectural Thesis”.

Research Highlights

Research Projects

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 scholarships, 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 2016-2017 are as listed in the table underneath:

Major and Minor Research Projects

(Amount in Lacs)

Type of Research Projects	Major Research Projects Sanctioned during the year			
	2015-16		2016-17	
	Number	Amount	Number	Amount
Major (External)	06	213.70	13	267.95
Major (Internal)	01	27.00	01	28.92
Minor (Internal)	21	17.60	20	16.15
Grand Total	28	258.3	34	313.02

Research Publications

Year	International Journal
	Total Number of Papers Published
2015-2016	184
2016-2017	192

Patents

From Institute of Technology 10 new patents were registered and 2 were filed and Institute of Pharmacy filed one patent in the financial year. Last year one patent was awarded to Institute of Technology, and the institute filed 3 patents in last year.

Books Published

The faculty members of the constituent institutes of the university published 16 books during the year.

PhD

During the year, 56 additional students have been registered for the PhD programmes. 32 students were awarded PhD degrees. The cumulative total number of students registered for PhD as on March 31, 2017 are 355 which excludes 32 students awarded degree and 17 students whose admissions were cancelled. 9 new PhD guides (internal) were recognised during the financial year, which brings the number of registered guides to 162 (as on March 31, 2017). It includes external and internal guides.

Central Office

Central Office

Preamble

As per the provision of sub-section 6 of Section 25 and sub-section (2) (iv) of Section 12 of Nirma University Act (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 and Institute of Architecture & Planning and Institute of Commerce. During the year 2016-17, 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, 2016 to March 31, 2017**.

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 15-19].

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 20]. The details of important decisions taken by the Board of Governors and Academic Council are given below:

Board of Governors

- a) Award of degrees to 500 candidates of various U.G, P.G and Ph.D. programmes. (Resolution No. 3(C) dated 16.04.2016)
- b) Revision in Sitting fee to be paid to the external members for attending various meetings (Resolution No. 4(d) dated 29.09.2016)
- c) Revision in existing remuneration to be paid to the Visiting faculties/experts in various Institutes under Nirma University (Resolution No. 4(e) dated 29.09.2016)
- d) Revision in remunerations being paid to the External Examiners for different kinds of examinations taken at the Institute/University level (Resolution No. 4(h) dated 29.09.2016)
- e) Revision in reimbursement of existing rate of Travelling Allowance (Resolution No. 4(i) dated 29.09.2016)
- f) Introduction of Scheme for providing Grants to the Faculty members for Publishing different literatures (Resolution No. 4(l) dated 29.09.2016)
- g) Award of degrees to 1797 candidates of various U.G, P.G and Ph.D. programmes. (Resolution No. 5(A) dated 29.09.2016)
- h) Establishment of 'Directorate of Research and Innovation' (Resolution No. 7 dated 29.09.2016)

In addition to above, various Regulations were amended as under:

- a) Amendments in various academic regulations of BBA-MBA (Five Year Integrated Programme) due to introduction of Semester system for 4th and 5th Year (Resolution No. 3(A) dated 16.04.2016)
- b) Amendment in relevant academic regulations for different U.G and P.G programmes to replace grade "IF" to "Ab" in genuine cases of absenteeism in the semester end examination/term end examination (Resolution No. 3(B) dated 16.04.2016)
- c) Implementation of amendments made by the University Grants Commission with regard to Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees (Resolution No. 5(B) dated 29.09.2016)

- d) Amendment in the regulation for eligibility criteria for admission to B.Com.(Hons.) programme (Resolution No. 6(II)(a) dated 29.09.2016)
- e) Amendment in the academic regulation for eligibility criteria for admission to B. Plan. programme (Resolution No. 6(II)(b) dated 29.09.2016)

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

Academic Council

- a) Bifurcation of two existing areas Human Resource Management & Organizational Behaviour into- (i) Organizational Behaviour & Communication area, and (ii) Human Resource & Management area and, General Management area into (i) Operations Management and Quantitative Techniques area and (ii) General Management area (Resolution No. 4(E) dated 28.09.2016)
- b) Giving option for providing soft copy or hard copy of the Ph.D. thesis to the referees appointed to assess Ph.D. thesis keeping in mind the security measures as advised by Department of Computer Science & Engineering, Institute of Technology (Resolution No. 7(I)(B) dated 28.09.2016)
- c) Introduction of Massive Open Online Courses as introduced by the University Grants Commission (Resolution No. 10 dated 28.09.2016)
- d) Implementation of Choice Based Credit System (CBCS) by introducing various courses limited to University Electives, Institute Electives, Enrichment courses and Supplementary courses, etc in various Institutes under Nirma University (Resolution No. 12 dated 28.09.2016)
- e) Introduction of Policy for Interdisciplinary Minor Specialization for the students of B. Tech (Resolution No. 1(B) dated 24.12.2016)
- f) Revision in intake of following branches of M. Tech. by reducing the intake with effect from Academic Year 2017-18 and onwards (Resolution No. 1(D) dated 24.12.2016)

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 endorse by the Academic Council.

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

During the year, 5 faculties have been given recognition as Post Graduate Teachers (PGT) and 2 faculties have been given recognition as Assistant Post Graduate Teachers (APGT) in the different areas as per the details given below. The total number of faculties recognized as P.G.T as on 31.03.2017 is **178** as under:

Branch	No. of faculties given recognition during the year 2015-16	No. of faculties given recognition during the year 2016-17	No. of faculties ceased to be PGT due to retirement/relieving in 2016-17	Total No. of recognized PGT available as on	
				31.03.16	31.03.17
1. Institute of Technology					
a. Chemical Engineering	01	-	-	13	13
b. Civil Engineering.	-	-	-	8	8
c. Computer Eng.-Info. Tech.	02	-	5	30	25
d. Electrical Engineering	05	6*	4	24	26
e. Electronics & Com. Eng.	01	-	2	24	22
f. Mechanical Engineering	07	-	2	34	32
g. Maths & Humanities	01	-	-	8	8
h. Instrumentation & Control Eng	01	1*	1	12	12
2. Institute of Pharmacy	01	-	2	25	23
3. Institute of Law	-	-	2	11	9
Total	19	7	18	189	178

Table No. 1

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

** This figure includes 31 Assistant Post Graduate Teachers

For Institute of Science and Institute of Management, as all the teachers are recruited for the Master 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:

Faculty	Programmes		No. of students registered during the year				Total existing students strength as on			
			2015-16		2016-17		31.3.16		31.3.17	
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Faculty of Technology & Engineering	i)	Ph.D. (Full time)	03	02	05	07	07	08	05	13
	ii)	Ph.D. (External)	14	10	03	13	121	87	25	112
	iii)	M. Tech	367	216	113	329*	806	449	245	694
	iv)	MCA	59	40	20	60	208	135	59	194
		MCA Lat. (3 rd Sem)	21	12	3	15				
Faculty of Management	i)	D.P.M. (Full-time) #	05	0	05	05	20	06	18	24
	ii)	D.P.M. (External) #	05	02	01	03	32	26	07	33
	iii)	MBA	234	180	84	264	464	352	148	500
	iv)	MBA (FB&E)	56	35	21	56	121	76	35	111
Faculty of Pharmacy	i)	Ph.D. (Full time)	07	06	03	09	32	21	19	40
	ii)	Ph.D. (External)	04	05	01	06	68	45	18	63
	iii)	M. Pharm	39	19	39	58	90	35	63	98
Faculty of Science	i)	Ph.D. (Full time)	02	0	04	04	23	06	19	25
	ii)	Ph.D. (External)	03	02	02	04	39	17	17	34
	iii)	M. Sc.	83	18	72	90	152	32	142	174
Faculty of Law	i)	Ph.D. (External)	01	01	00	01	06	02	05	07
	ii)	LL.M.	11	8	11	19	11	8	11	19
Faculty of Arch.	i)	Ph. D. (External)	-	02	02	04	-	02	02	04
Total			914	558	389	947	2200	1307	838	2145

Table No. 2

* Including 8 students of M. Tech. (by Research) programme | # Doctoral Programme in Management

Enrolment:

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

Faculty	Programme		No. of students enrolled During the year in				Cumulative Existing Students as on			
			2015-16		2016-17		31.3.2016		31.3.2017	
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Faculty of Technology & Engineering	i)	B. Tech	833	754	144	^a 898	3412	3142	597	3739
	ii)	D to D	183	134	36	170				
	iii)	Diploma Engineering	@				387	28	02	30
Faculty of Management	i)	EDP	24	45	8	53	24	45	08	53
	ii)	BBA-MBA	123	71	56	^b 127	244	176	187	363
Faculty of Pharmacy	i)	B. Pharm	110	54	50	^c 104	358	174	213	387
Faculty of Law	i)	B.A., LLB.	135	67	53	120	580	330	263	593
	ii)	B.Com., LL.B.	59	35	26	61	354	173	129	302
	iii)	BBA. LL.B.	@				119	56	52	108
Faculty of Architecture	i)	B.Arch.	79	28	52	80	118	79	116	195
	ii)	B. Plan	-	20	27	47	-	20	27	47

Faculty of Commerce	i)	B.Com (Hons)	-	32	32	^d 64	-	32	32	64
Total:			1546	1240	484	1724	5596	4255	1626	5881

Table No. 3

The total strength of students (both UG & PG taken together) on the campus in the year 2016-17 is 8026.

@ Decided not to take admissions, however the existing students are from previous batches

^a Includes 47 students admitted on supernumerary seats in CIWGC-SEA+PIO and 12 students admitted under Tuition Fee Waiver Scheme and 2 students under J&K Category.

^b Includes 6 students admitted on supernumerary seats in CIWGC

^c Includes 2 students admitted on supernumerary seats in CIWGC category, 1 in TFW and one candidate admitted in D to D.

^d Includes 3 students admitted on supernumerary seat in CIWGC-SEA

PIO=Persons of Indian Origin CIWGC-SEA= Children of Indians Working in Gulf Countries-South East Asia,

Out of the total students admitted as above, admissions under supernumerary categories (i.e. Children of Indian Working in Gulf Countries – South East Asia (CIWGC-SEA), Persons of Indian Origin (PIO), Foreign Nationals (FN) is as under:

Programme	No. of students admitted in supernumerary categories during the year 2015-16 & 2016-17						Total Existing Students in supernumerary categories as on 31.03.2016 & 31.03.2017					
	CIWGC-SEA		PIO		FN		CIWGC-SEA		PIO		FN	
	15-16	16-17	15-16	16-17	15-16	16-17	31.3.16	31.3.17	31.3.16	31.3.17	31.3.16	31.3.17
B. Tech	35	37	07	10	-	-	128	117	38	30	-	-
B. Pharm	-	1	03	1	01	-	03	2	10	11	01	1
B.A., LL.B.	01	1	-	1	-	-	01	1	01	-	-	-
BBA-MBA	02	6	01	-	-	-	05	11	01	-	-	-
MBA	07	6	-	-	-	-	09	11	01	-	-	-
B.Com. (Hons)	-	3	-	-	-	-	-	3	-	-	-	-
Total	45	54	11	12	01	-	146	145	51	41	01	1

Table No. 4

Category-wise students:

The break-up of category wise number of students admitted and total existing strength in the year 2015-16 & 2016-17 are as under (including UG/ PG):

Institute	Category wise number of Students admitted during the year 2015-16							Category wise number of Students admitted during the year 2016-17						
	Open	SC	ST	SEBC	PH	J&K Migrant	Total	Open	SC	ST	SEBC	PH	J&K Migrant	Total
IT-NU	1140	57	42	238	03	-	1480	1159	53	37	239	02	02	1492
IM-NU	447	-	-	-	-	-	447	508	-	-	-	-	-	508
IP-NU	132	04	01	22	-	01	160	154	09	-	14	-	-	177
IS-NU	88	-	-	-	-	-	88	82	05	1	10	-	-	98
IL-NU	201	-	-	05	-	-	206	199	-	-	02	-	-	201
IAP-NU	67	04	-	08	-	-	79	120	02	-	09	-	-	131
IC-NU	-	-	-	-	-	-	-	58	-	-	06	-	-	64
Total:	2075	65	43	273	03	01	2460	2280	69	38	280	02	02	2671

Table No. 5

Institute	Category wise Cumulative Existing Students as on 31.03.2016							Category wise Cumulative Existing Students as on 31.03.2017						
	Open	SC	ST	SEBC	PH	J&K Migrant	Total	Open	SC	ST	SEBC	PH	J&K Migrant	Total
IT-NU	3705	138	105	592	11	03	4554	3952	125	101	562	09	03	4752
IM-NU	905	-	-	-	-	-	905	1084	-	-	-	-	-	1084
IDS-NU	292	20	08	67	-	-	387	16	01	02	11	-	-	30
IP-NU	479	12	02	52	02	01	548	516	17	02	50	02	01	588
IS-NU	195	-	02	16	01	-	214	209	05	01	18	-	-	233
IL-NU	1054	-	-	16	-	-	1070	1016	-	-	13	-	-	1029
IAP-NU	98	05	-	15	-	-	118	216	07	-	23	-	-	246
IC-NU	-	-	-	-	-	-	-	64	-	-	-	-	-	64
Total:	6728	175	117	758	14	04	7796	7073	155	106	677	11	04	8026

Table No. 6

Note: NU= Nirma University, IT-NU=Institute of Technology, IM-NU=Institute of Management, IDS-NU= Institute of Diploma Studies, IP-NU= Institute of Pharmacy, IL-NU= Institute of Law, IAP-NU= Institute of Architecture & Planning, IC-NU= Institute of Commerce,

Eligibility Certificate and Migration Certificate:

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

Sr. No.	Faculty	Programme		No. of Eligibility Issued		No. of Migration Issued	
				2015-16	2016-17	2015-16	2016-17
1.	Faculty of Technology & Engineering	i)	Ph.D.	6	9	152	115
		ii)	M. Tech	420	371		
		iii)	MCA	85	75		
		iv)	B. Tech.	365	461		
		v)	Diploma to Degree	169	167		
		vi)	Diploma	-	-		
2.	Faculty of Management	i)	Ph.D. (DPM)	-	5	10	17
		ii)	M.B.A. (Full Time)	234	262		
		iii)	M.B.A. (FB&E)	56	58		
		iv)	BBA-MBA	96	104		
		v)	Executive Diploma Programme	24	53		
3.	Faculty of Pharmacy	i)	Ph. D.	03	12	22	16
		ii)	M. Pharm	32	50		
		iii)	B. Pharm	25	14		
		iv)	D to D	-	1		
4.	Faculty of Science	i)	Ph.D.	05	2	15	13
		ii)	M. Sc.	89	102		
5.	Faculty of Law	i)	LL.M.	06	12	172	219
		ii)	B.A. LLB. (Hons.)	132	157		
		iii)	B.Com. LLB. (Hons.)	56	83		
		iv)	BBA LLB. (Hons.)	-	-		
6.	Faculty of Architecture & Planning	i)	B.Arch.	46	46	0	3
		ii)	B.Plan	-	16		
7.	Faculty of Commerce	(i)	B.Com. (Hons)	-	59	0	0
Total:				1849	2119	371	383

Table No. 7

Research

Ph.D. Programmes

During the year 2016-17, **09** additional faculty members/scientists have been given recognition for guiding research from the faculties working under the University as well as from the recognized Institutions. The details are given in **Appendix – C [page 21]**. The cumulative existing number of available recognized Ph.D. Guides as on 31.03.2017 is **162**. Faculty wise details are as under

Faculty	Ph. D. Guides Recognized during the year		Total Available Recognized Ph. D Guides as on			
	2015-16	2016-17	31.03.2016	31.03.2017		Total
			Total	Internal	External	
Technology & Engg	02	06	40	38	08	46
Management	-	02	16	17	01	18
Pharmacy	01	01	21	19	03	22
Science	04	-	74	13	60	73
Law	-	-	02	02	-	02
Architecture	01	-	01	01	-	01
Total	08	09	154	90	72	162*

Table No. 8

* This figure does not include the 1 recognized faculty members who left the Institution.

During the year, **56** additional students have been registered for the Ph. D Programmes. 32 students have been awarded the Ph. D. Degree. The details are given in **Appendix-D** [page 22-29]. The cumulative total number of students registered for Ph. D on 31.03.2017 is **355**. This figure does not include the 32 students who are awarded degree and **17** students whose admissions are cancelled due to non-compliance of Academic Requirement / Voluntary withdrawal.

Research Projects

Research Projects Sanctioned

(Amount in Lacs)

Type of Research Projects	Projects Sanctioned during the year			
	2015-16		2016-17	
	Number	Amount	Number	Amount
Major (External)	06	213.70	13	267.95
Major (Internal)	01	27.00	01	28.92
Minor (External)	12	37.89	4	27.00
Minor (Internal)	21	17.06	20	16.15
Grand Total (Major & Minor)	40	295.65	38	340.02

Table No. 9

Funding agency wise details of Research Projects during the Financial Year 2016-17

(Amount in Lacs)

Type of Research Projects	Funding Agency	2015-16		2016-17	
		Number	Amount	Number	Amount
Major (External)	ISRO	1	18.26	5	69.65
	DST	4	151.50	3	78.43
	DBT	-	-	1	9.35
	IC-Impact	1	43.94	-	-
	ICMR	-	-	1	18.61
	AYUSH	-	-	1	42.12
	DAE	-	-	2	49.79
	Total	06	213.70	13	267.95
Major (Internal) :Nirma University		1	27.00	1	28.92
Total (Major)		07	240.70	14	296.87
Minor (External)	GUJCOST	10	35.18	1	1.00
	Stabicot-Vitamins	1	0.71	-	-
	ISRO	-	-	3	26.00
	Mahatma Gandhi Labor Institute	1	2.00	-	-
	Total	12	37.89	4	27.00
Minor (Internal): Nirma University		21	17.06	20	16.15
Grand Total		40	295.65	38	340.02

Table No. 10

Summary of Revenue Generated through Consultancy / Testing / Training

Revenue Generated	2015-16	2016-17
	Consultancy / Testing / Training	Consultancy / Testing / Training
Total	116.18 Lac	178.81

Table No. 11

Research Publications:

Year	National Journal			International Journal		
	Total number of Papers Published	Number of Papers having Impact Factor	Average Impact Factor for the papers having	Total Number of Papers	Number of Papers having Impact Factor	Average Impact Factor for the papers having Impact Factor

			Impact Factor	Published		
2015-16	57	7	1.20	184	115	2.26
2016-17	41	2	0.04	192	114	2.31

Table No. 12

Personnel and Administration

During the year 2016-17, total **10** advertisements were published for filling up teaching and non-teaching posts. Out of the applications received, **73** appointments have been made for teaching posts out of which **three** internal candidates were appointed in higher pay band, and **18** 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:

Institutes	Assistant Professor								
	Appointed during		Left during		Total strength in the given AGP as on given date				
	15-16	16-17	15-16	16-17	AGP (8000) 31.03.17	AGP (7000) 31.03.17	AGP (6000) 31.03.17	Total existing as on	
								31.03.16	31.03.17
IT-NU	14	37	12	37	18	47	93	158	158
IM-NU	6	07	04	03	04	01	18	20	23
IDS-NU*	4	-	17	18	-	-	-	18	-
IP-NU	1	-	-	-	05	06	06	17	17
IS-NU	1	-	01	-	01	05	01	07	07
IL-NU	8	10	13	10	01	02	26	29	29
IAP-NU	6	04	01	01	01	-	10	8	11
IC-NU	-	02	-	-	-	-	02	-	02
NU	-	-	-	-	-	-	-	-	-
Total	40	60	48	69	30	61	156	257	247

Table No. 13

Institutes	Associate Professor						HoI / Professor					
	Appointed during		Left during		Total existing as on		Appointed during		Left during		Total existing as on	
	15-16	16-17	15-16	16-17	31.3.16	31.3.17	15-16	16-17	15-16	16-17	31.3.16	31.3.17
IT-NU	03	06	02	01	28	33	02	01	02	-	26	27
IM-NU	-	03	-	-	08	09	01	02	01	04	09	07
IDS-NU#	-	-	-	-	-	-	-	-	-	01	01	-
IP-NU	-	-	-	01	04	03	-	-	-	01	05	04
IS-NU	-	-	-	-	01	01	-	-	-	-	01	01
IL-NU	01	-	01	-	03	03	-	-	-	-	01	01
IAP-NU	01	-	-	-	02	02	-	-	-	-	01	01
IC-NU	-	-	-	-	-	-	-	-	-	-	-	-
NU	-	-	-	-	-	-	-	01	-	-	-	01
Total	05	09	03	02	46	51	03	04	03	06	44	42

Table No. 14

Institutes	Total Teaching Faculty Members						Non-Teaching Staff					
	Appointed during		Left during		Total existing as on		Appointed during		Left during		Total existing as on	
	15-16	16-17	15-16	16-17	31. 3. 16	31.3.17	15-16	16-17	15-16	16-17	31.3.16	31.3.17
IT-NU	19	44	16	38	212	218	07	04	06	05	110	108
IM-NU	07	12	05	07	37	39	05	07	05	07	52	54
IDS-NU#	04	-	17	19	19	-	-	-	-	-	03	-
IP-NU	01	-	-	02	26	24	01	02	02	04	22	20
IS-NU	01	-	01	-	09	09	-	-	01	-	06	06
IL-NU	09	10	14	10	33	33	05	01	02	03	14	12
IAP-NU	07	04	01	01	11	14	02	-	-	-	06	07
IC-NU	-	02	-	-	-	02	-	01	03	-	-	01
NU	-	01	-	-	-	01	06	03	-	06	37	35
Total	48	73	54	77	347	340	26	18	19	25	250	243

Table No. 15

The total staff available as on 31.3.2017 in the University is **583*** [Teaching = **340** + non-teaching = **243**]

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

Decided to closed down the institute.

Adjunct Professors /Visiting Faculty members

Institute	Visiting Faculty		Adjunct Professors/Faculty	
	2015-16	2016-17	2015-16	2016-17
Institute of Technology	30	35	01	-
Institute of Management	25	16	02	04
Institute of Diploma Studies#	07	-	-	-
Institute of Pharmacy	16	16	-	-
Institute of Science	09	04	-	-
Institute of Law	34	22	01	02
Institute of Architecture	26	18	03	01
Institute of Commerce	-	04	-	-
Total:	147	115	07	07

Table No. 16

Decided to closed down the institute

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

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 31.03.17	16-17	Total till 31.03.17
	16-17	Total till 31.03.16	16-17	Total till 31.03.17	16-17	Total till 31.03.17	16-17	Total till 31.03.17			
IT-NU	11	59	03	10	-	08	-	02	79	17	153
IM-NU	-	-	-	-	-	-	-	01	01	09	31
IDS-NU*	-	-	-	01	-	-	-	-	01	-	13
IP-NU	3	06	-	01	-	01	-	-	08	7	22
IS-NU	-	03	-	-	-	-	-	-	03	3	06
IL-NU	-	-	-	-	-	-	-	-	-	-	05
Central Office	-									07	55
Total	14	68	03	12	-	09	-	03	92	43	285

Table No. 17

* 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 **17** 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

Institute	Deputed / Permitted in the year		Already Deputed / Permitted since pervious years (i.e. upto 31.03.16)		Cumulative as on 31.03.2017	
	2015-16	2016-17				
	Ph. D	Ph. D	Master	Ph. D	Master	Ph. D
IT-NU	03	13	77	108	77	121
IM-NU	-	-	-	06	-	06
IDS-NU	-	-	30	06	30	06
IP-NU	-	-	-	11	-	11
IAP-NU		4			-	04
Total	03	17	107	131	107	148*

Table No. 18

* 15 Faculty members left without completing their Ph. D

Faculty members Completed / Pursuing Higher Studies

Sr. No.	Institute	Completed higher studies					Faculty members pursuing higher studies as on 31.03.17
		2015-16	2016-17		Cumulative as on 31.03.2017		
		Ph. D	Master	Ph. D	Master	Ph. D	Ph. D.
1	IT-NU	06	01	11	77	50	61
2	IM-NU	01	-	-	-	05	00
3	IDS-NU	00	-	-	30	02	00
4	IP-NU	00	-	01	0	08	03
	IAP-NU	-	-	-	-	-	04
Total		07	01	12	107	65	68

Table No. 19

Examination Section

Semester End Examinations were conducted during the year for **1323** courses of Under-graduate, Post-graduate Programmes (Excluding Institute of Management)

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 2015-16 & 2016 -17 the scholarships / financial assistance are given as per the details underneath:

Sr. No.	Type of Financial Assistance	No. of Students benefitted		Amount of financial Assistance in Lacs	
		2015-16	2016-17	2015-16	2016-17
1	Based on Merit	213	286	155.61	217.36
2	Merit cum means	282	313	165.01	210.52
3	Stipend to PG Students	331	340	213.23	203.18
4	Fellowships to Doctoral Students	24	29	50.38	56.23
5	Students needy fund	02	7	1.11	1.67
6	100% subsidy on Interest on Education Loan	14	13	3.07	2.71
7	50% subsidy on Interest on Education Loan	05	06	0.60	0.51
Total		871	994	589.01	692.18

Table No. 20

In addition to the above, **458** students have availed the benefit of book bank facility in the year 2016-17.

Infrastructure Development

During the Financial Year 2016-17, expenditure for development of infrastructure facility has been made as per the following details:

(in Lacs)

Description	Institute wise expenditure during the year 2016-17								Total	
	IT-NU	IM-NU	IP-NU	IS-NU	IL-NU	IA&P-NU	NU	Com	2015-16	2016-17
Equipment	116.53	34.57	35.90	20.84	0.31	6.53	39.45	0.52	207.58	254.65
Computers	142.86	60.19	0.07	0.63	0.80	5.36	1.58	0.79	77.64	212.27
Books	8.89	13.17	1.29	1.59	11.31	11.75	0.22	0.47	54.83	48.69
Vehicles	8.35	0.00	0.00	0.00	8.40	0.00	0.00	0.00	35.46	16.75
Furniture & Fixtures (including Building)	1.77	8.28	0.28	0.00	0.00	80.31	4.43	0.00	254.92	95.07
Building	0.00	0.00	0.00	0.00	0.00	0.00	1073.11	0.00	667.39	1073.11
Building	0.00	946.01	1566.40	0.00	0.00	17.27	7000.00	0.00	4662.36	9529.68

Total	278.41	1062.22	1603.94	23.06	20.81	121.22	8118.79	1.78	5960.18	11230.23
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Table No. 21

The total amount spent in the Financial Year 2016-17 for above infrastructure comes to ` 11230.23 lacs

Staff Welfare Activities

Reimbursement of Expenditure to the Employees of the University for the year 2016-17 are as under:

Expenditure Head	Institute wise expenditure during the year 2016-17										Total	
	IT-NU	IM-NU	IDS-NU	IP-NU	IS-NU	IL-NU	CCE	IAP-NU	NU	Com	2015-16	2016-17
Expenses towards Tuition Fee for the Employees' Dependent Children	18.18	5.27	0.06	3.14	1.03	1.78	0.12	0.75	2.19	0.00	25.45	32.52
Expenses towards Hospitalization	3.23	3.53	0.00	0.35	0.47	1.30	0.00	1.48	0.13	0.00	13.74	10.49
Expenses towards Purchase of Books/ Magazine/ Subscription of Journals / Membership etc.	5.50	1.07	0.00	1.00	0.31	0.58	0.00	0.03	0.00	0.00	9.55	8.49
Expenses towards LTC/HTC	12.18	3.73	0.00	3.27	1.17	1.01	0.00	0.00	2.61	0.00	29.07	23.98
Expenses towards Recreation Activities	1.51	0.41	0.00	0.18	0.00	0.22	0.00	0.14	0.25	0.00	1.56	2.70
Expenses towards Medical Allowances	11.46	3.11	0.20	1.58	0.54	1.60	0.04	0.69	1.00	0.03	20.69	20.25
Total	52.06	17.12	0.26	9.52	3.52	6.49	0.16	3.09	6.18	0.03	100.06	98.43

Table No. 22

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 2015-16 & 2016-17 are given below:

Books:

Details books added during the year 2016- 17 and total as on 31.03.2017 in Technical and Science, Humanities subject

Name of the Institute	Number of Books for Technical subjects during the year 2016-17				Number of Books for Science & Humanities during the year 2016-17			
	Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & Volumes as on 31.3.17		Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & volumes as on 31.3.17	
	Title	Volumes	Title	Volumes	Title	Volumes	Title	Volumes
IT-NU	474	1005	25442	39579	243	298	6755	7793
IM-NU	596	597	23207	28077	492	492	13599	14651
IP-NU	44	70	3088	5104	46	47	2367	3721
IS-NU	56	56	1112	1239	29	32	932	1109
IL-NU	490	531	7143	9036	73	103	1882	2276
IAP-NU	569	626	1265	1489	43	48	76	81
NU	34	34	34	34	0	0	0	0
Total	2263	2919	61291	84558	926	1020	25611	29631

Table No. 23

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	
	2015-16	2016-17	2015-16	2016-17	31.3.16	31.3.17	31.3.16	31.3.17
IT-NU	971	717	2024	1303	31480	32197	46069	47372
IM-NU	1132	1088	1133	1089	35718	36806	41639	42728
IP-NU	134	90	169	117	5365	5455	8708	8825
IS-NU	68	85	76	88	1959	2044	2260	2348
IL-NU	549	563	671	634	8462	9025	10678	11312
IAP-NU	392	612	452	674	729	1341	896	1570
NU (Design)	-	34	-	34	-	34	-	34
Grand Total	3246	3189	4525	3939	83713	86902	110250	114189

Table No. 24

Journals:

Name of the Institute	Number of Periodicals / Journals during the year 2016-17		Material which includes CD's / Cassettes other Audio-visual Materials	
	Added during the year 2016-17	Cumulative total as on 31.3.17	Added during the year 2016-17	Cumulative Total as on 31.3.17
IT-NU	30 Online	230 print + 749 Online	-	325
IM-NU	957 Online	234 print + 16119 online	10	1446
IP-NU	-	43 Print +106 Online	-	47
IS-NU	2 Print	6 Print + 10 Online	0	1
IL-NU	-	97 Print + 2364 Online	58	409
IAP-NU	11 Print + 370 Online	22 Print + 370 Online	-	72
Total	13 Print + 1357 Online	632 Print a+ 19718	68	2300

		Online	
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Table No. 25

Approval of New Programme

The following programmes were approved under various Faculties

- i. **Bachelor of Design (B. Des.) under Nirma University**

ADR Cell Activities

New Activities / Initiatives:

- Framed the guidelines for the Academic Audit by the external experts (Level 4 – Audit by External Experts / Agency).
- Populated ‘Research Log’ for Associate Professors and Professors of all the constituent institutes of Nirma University.
- Framed ‘Student Satisfaction Survey’ for all the constituent institutes of Nirma University.
- Hosted the visit of Fulbright-Nehru Delegates from the US Universities to Nirma University on March 25, 2017.
- Hosted the meeting of ‘Developing the Perspective Plan for Nirma University’ and drafted the perspective plan for Nirma University on March 07, 2017.
- Coordinated the documents to be submitted for NIRF rankings for all the constituent institutes of Nirma University and for Nirma University.
- Coordinated the process for the list of journals to be submitted to the UGC for all the constituent institutes of Nirma University.
- Scrutinized the documents of the constituent institutes of Nirma University submitted to various ranking agencies / magazines.

Action on Initiatives Taken During the Year:

A. Faculty Development Programmes

Successfully conducted various faculty development programmes, which include:

1. Faculty Induction Programme of four weeks
2. Research Orientation Programme of two weeks
3. Faculty Orientation Programme of two weeks
4. STTP/Refresher programmes/FDPs - Discipline Specific of two weeks organized by departments/constituent institutes of the University under the auspices of the ADR Cell

Sr. No.	Name of the Programme	Dates	Number of Participants
1.	Faculty Induction Programme	May 23-June 18, 2016	38
2.	Research Orientation Programme	June 6-18, 2016	28
3.	Faculty Orientation Programme	December 19-31, 2016	17
Total Number of Participants			83

Table No. 26

STTP/Refresher Programmes/Faculty Development Programs, etc.

Name of the Institute	Department	Title of Course	Dates	Name of Programme Coordinator/s	Total No. of Participants
Technology	Electrical Engineering	Challenges and Innovative Solutions in Electrical Power	June 20 to July 02, 2016	Prof. S. C. Vora	21

		System			
	Electronics & Communications Engineering	VLSI and Embedded System Design	June 20 to July 02, 2016	Prof. Usha Mehta and Prof. Sachin Gajjar	21
	Mechanical Engineering	Current Practices in Mechanical Design	June 20 to July 02, 2016	Prof. S. J. Joshi and Prof. M. B. Panchal	16
	Computer Science and Engineering and Information Technology	Contemporary Issues in Internet of Things	June 20 to July 02, 2016	Prof. Madhuri Bhavsar and Prof. Sharada Valiveti	35
	Civil Engineering	Emerging Trends in Civil Engineering	June 20 to July 02, 2016	Prof. P. V. Patel	18
Management	-----	Faculty Development Program on Case Teaching and Case Writing	April 11 – 29, 2016	Prof. Prabhat Kumar Yadav	33
Pharmacy	-----	Recent Advances in Cancer Research	July 04 -16, 2016	Prof. Vimal Kumar	24
Law	-----	Looking Law Through Microscopic View with Regard to Social Science and Scientific Approach	April 21 to May 04, 2016	Prof. Madhuri Parikh	25
Total number of Participants					193

Table No. 27

B. Academic Audit

Academic Audit Activity	Year 2016 - 17
Number of Peer Faculty Classroom Observations (Junior Faculty Members by Senior Faculty Members) (on average per month during ongoing semesters)	79
Number of Institute Level Academic Audit (Per Semester per Institute / per Department)	15 * 2 = 30

Table No. 28

C. Training Programmes

The summary of different types of training programmes, refresher courses, workshops, etc. organized by the ADR Cell during the year 2016-17 is as under:

National Level Programmes				
Sr. No.	Name of the Programme	Duration of the Programme	Dates	Number of Participants
1.	National Workshop on, 'Outcome Based Education'	Two days	April 08-09, 2016	46
2.	Training Programme on, 'Building a Better Teacher'	Two days	August 19 - 20, 2016	41
3.	Training Programme on, 'Honing Research Publication Skills'	Two days	October 7 - 8, 2016	45
4.	NAAC Sponsored National Seminar on, 'Quality Initiatives: Gateways and Pathways to Institutional Excellence'	Two days	March 3 - 4, 2017	76

Table No. 29

In-house Programmes				
Sr. No.	Name of the Programme	Duration of the Programme	Dates	Number of Participants
5.	One-Day Seminar on 'Outcome Based Education' by Dr. S.C. Sahsrabuddhe for the Faculty Members of the Institutes of Technology and Pharmacy	One day	June 18, 2016	36
6.	Training Programme for the Nirma University Office Assistants and Staff of Equivalent Cadre	One week	June 13 - 18, 2016	35
7.	Training Programme for the Nirma University Laboratory Assistants and Computer Operators	Three days	August 08 - 10, 2016	27
8.	Training Programme for the Nirma University Office Assistants	Five days	November 21-26, 2016	37
9.	Training Programme for the Nirma University Office Staff for Improvement of English	Ten days	January 21 st to March 25 th 2017 (All Saturdays)	29
Total Number of Participants				372

Table No. 30

D. Guest Lectures

The summary of the guest lectures organized by the ADR Cell during 2016-17 is as under:

Sr. No.	Topic of the Lecture	Speaker	Date
1.	Vikash Yatra : Svayam Se Samaj Tak	Pujya Shri Morari Babu	December 16, 2016
2.	How to use SCOPUS for Research and Academic Purpose?	Dr. Shubhra Dutta	December 24, 2016

Table No. 31

Events

Name of Event	Date	Chief Guest
21 st Convocation	April 18, 2016	Mr. Jhon Anderson Fry President, Drexel University, Philadelphia
22 nd Convocation	October 21, 2016	Lord Prof. Bhikhu Parekh Emeritus Professor of Political Philosophy, University of Westminster and Emeritus Professor, University of Hull
Independence Day	August 15, 2016	Dr. Anil Kumar Gupta, Professor, Centre for Management in Agriculture, Indian Institute of Management, Ahmedabad
Republic Day	January 26, 2017	Dr. Anup K. Singh, Director General Nirma University

Table No. 32

Members of Trust (Nirma Education and Research Foundation)

Sr.	Name	Sr.	Name
1.	Dr. K.K.Patel Chairman, Nirma Education and Research Foundation Chairman, Nirma Ltd President, Nirma University	2.	Shri Ambubhai M Patel Managing Trustee Nirma Education & Research Foundation
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 K K Patel Jt. Managing Trustee, Nirma Education & Research Foundation Vice President, Nirma University	6.	Shri R D Shah Chartered Accountant Nirma House, Ashram Road Ahmedabad

Members of Board of Governors

Sr.	Name	Sr.	Name
1.	Dr K. K. Patel- Chairman Chairman Nirma Ltd. Chairman, Nirma Education & Research Foundation and President, Nirma University Ahmedabad	2.	Dr Anup K Singh Director General Nirma University Ahmedabad
3.	Shri Ambubhai M. Patel Managing Trustee, Nirma Education & Research Foundation Ahmedabad	4.	Shri R. D. Shah Chartered Accountant, Nirma House Ashram Road, Ahmedabad
5.(a)	Prof.(Dr.) S. Garimella Dean, Faculty of Management Nirma University Sarkhej-Gandhinagar Highway Ahmedabad. (up to 25.08.2016)	5.(b)	Prof.(Dr.) Alka Mahajan Dean, Faculty of Technology & Eng. Nirma University Sarkhej-Gandhinagar Highway Ahmedabad. (w.e.f. 08.11.2016)
6.	Prof. Utpal Sharma Dean, Faculty of Architecture & Planning, Nirma University, Ahmedabad	7.(a)	Shri. Pankaj Joshi, IAS Principal Secretary Dept. of Higher and Technical Education, Block No. 5, 8 th Floor Sachivalaya, Gandhinagar (up to 10.09.2016)

- | | |
|---|---|
| <p>7. (b) Ms Anju Sharma, IAS
Principal Secretary
Dept. of Higher and Technical
Education, Block No. 5, 8th Floor
Sachivalaya, Gandhinagar
(From 11.09.2016)</p> <p>9. Shri J. P. Joshipara
240, Manek Baug Society
S M Road, Nirma Circle
Ahmedabad-380015</p> <p>11. Shri Hirenbbhai K. Patel
Managing Director
Nirma Ltd., Nirma House
Ashram Road, Ahmedabad</p> <p>13. Shri Pankajbbhai Patel
Chairman & Managing Director
Zydus Cadila Healthcare Ltd.
Satellite, Ahmedabad.</p> <p>15. Shri Kamalbbhai Trivedi
Advocate General, Gujarat High Court
The Chamber, Opp. Gurudwara,
Theltej Cross Road, Ahmedabad.</p> | <p>8. Prof. N. R. Madhava Menon
Dr. S. Radhakrishnan Chair on
Parliamentary Studies,
Trivandrum-695 012</p> <p>10. Shri Vipinbbhai Parikh, Advocate
3, Khadayata Colony, b/h Pantaloon
Show Room, Nr. Law Garden,
Ellisbridge, Ahmedabad-380 006</p> <p>12. Dr P. N. Bhagwati
Chairman, Bhagwati Sphero Cast Ltd.,
'Saraswati Niwas'
1, Krishna Society, Near Law Garden,
Ellisbridge, Ahmedabad</p> <p>14. Shri Rakeshbbhai K Patel
Vice Chairman, Nirma Ltd.
Nirma House, Ashram Road
Ahmedabad.</p> <p>16. Shri G. Ramachandran Nair – Secretary
Executive Registrar</p> |
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Members of Academic Council

Sr.	Name	Sr.	Name
1.	Dr. Anup K Singh - Chairman Director General Nirma University Ahmedabad	2.	Shri K. Thyagrajan Iyer Flat No. 2, Tilak-II, Maharashtra Society, Mithakhali – 6 – Roads Ellisbridge Ahmedabad – 380006
3.	Prof. N. R. Madhava Menon Dr. S. Radhakrishnan Chair on Parliamentary Studies, Devi Priya, TC 17/2166, Sairam Road Poojapura, Trivandrum - 695 012	4.	Shri Piyushbbhai Shah Managing Director Hitachi Hi-Rel Power Electronics Pvt. Ltd., B-14/1 & 171, GIDC Electronics Estate, Gandhinagar.
5.(a)	Prof. (Dr.) S Garimella Dean, Faculty of Management Nirma University, Ahmedabad (up to 24.08.2016)	5.(b)	Prof (Dr.) M.Mallikarjun Dean (i/c), Faculty of Management Nirma University, Ahmedabad (from 25.08.2016)
6.	Shri. Jaimin Vasa	7.	Prof (Dr.) Manjunath Ghate

- Managing Director,
Vasa Pharmachem Pvt. Ltd.
D-1, Nikubh Complex, C.G. Road
Navrangpura, Ahmedabad.
- Dean, Faculty of Pharmacy
Dean, Faculty of Doctoral Studies &
Research, Nirma University,
Ahmedabad
- 8 (a) Prof (Dr.) P. N. Tekwani
Dean (i/c), Faculty of Technology &
Engineering, Nirma University,
Ahmedabad
(up to 15.06.2016)
- 8 (b) Prof. (Dr.) Alka Mahajan
Dean, Faculty of Technology &
Engineering, Nirma University,
Ahmedabad
(from 16.06.2016)
9. Prof (Dr.) Purvi Pokhariyal
Dean, Faculty of Law
Nirma University, Ahmedabad
10. Prof (Dr.) Sarat Dalai
Dean, Faculty of Science
Nirma University, Ahmedabad
11. Prof. Utpal Sharma
Dean, Faculty of Architecture &
Planning Nirma University
- 12 (a) Dr. Shantanu Mehta
Dean, Faculty of Commerce
Nirma University, Ahmedabad
(from 20.05.2016 to 14.03.2017)
- 12 (b) Prof (Dr.) Deepak Danak
Dean (i/c), Faculty of Commerce and
Area Head, Economics and Finance
Area, Institute of Management
Nirma University, Ahmedabad
(from 28.03.2017 onwards)
13. Dr. V. J. Lakhera
Professor, Mechanical Engineering
Institute of Technology, Nirma
University
14. Dr. Priyanka Sharma
Professor, CE/MCA Department
Institute of Technology
Nirma University, Ahmedabad
15. Dr. Jayesh Ruparelia
Professor, Chemical Engineering
Institute of Technology, Nirma
University
16. Dr. U. V. Dave
Professor, Civil Engineering
Institute of Technology
Nirma University, Ahmedabad
17. Dr. D. K. Kothari
Professor, Electronics &
Communication Eng.
Institute of Technology, Nirma
University
18. Dr. Gaurang Raval
Asso. Professor, Information
Technology
Institute of Technology
Nirma University, Ahmedabad
19. Dr. D.M.Adhyaru
Professor, Instrumentation & Control
Eng., Institute of Technology,
Nirma University, Ahmedabad
20. Dr. Nityesh Bhatt
Professor, Information Management
Area
Institute of Management
Nirma University, Ahmedabad
21. Dr. Sanjeev Acharya
Asso. Professor, Pharmacognosy
Institute of Pharmacy
Nirma University, Ahmedabad
(up to 05.01.2017)
22. Dr. Rajesh Jain
Professor, General Management Area
23. Dr. P. K. Yadav
Asso.Professor, Marketing Area

- | | | | |
|-----|---|-----|--|
| | Institute of Management
Nirma University, Ahmedabad | | Institute of Management
Nirma University, Ahmedabad |
| 24. | Dr. Nina Muncherji
Asso.Profeesor, Organizational
Behaviour & Human Resource
Management Area, Institute of
Management, Nirma University,
Ahmedabad | 25. | Dr. Hardik Bhatt
Asso.Professor,Pharmaceutical
Chemistry
Institute of Pharmacy
Nirma University, Ahmedabad |
| 26. | Dr. Madhuri Parikh
Asso.Professor
Institute of Law
Nirma University, Ahmedabad | 27. | Dr Tarkesh Molia
Asso. Professor
Institute of Law
Nirma University, Ahmedabad
(up to 03.10.2016) |
| 28. | Dr. Mayur M Patel
Asso.Professor, Pharmaceutics
Institute of Pharmacy
Nirma University, Ahmedabad | 29. | Dr. Priti Mehta
Professor, Pharmaceutical Analysis
Institute of Pharmacy, Nirma
University, Ahmedabad |
| 30. | Dr. Jigna Shah
Professor, Pharmacology
Institute of Pharmacy
Nirma University, Ahmedabad | 31. | Dr Shalini Rajkumar
Professor
Institute of Science
Nirma University, Ahmedabad |
| 32. | Shri Sharad Panchal
Asso. Professor
Institute of Architecture & Planning
Nirma University | - | Shri G. Ramachandran Nair -
Secretary
Executive Registrar
Nirma University, Ahmedabad |

Members of Finance Committee

Sr. No.	Name	Sr. No.	Name
1.	Dr Anup K Singh - <i>Chairman</i> Director General Nirma University Ahmedabad	2.	Shri Hirenbbhai 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.	Prof. Utpal Sharma Dean, Faculty of Architecture & Planning Nirma University, Ahmedabad
-	Shri G. Ramachandran Nair - Secretary Executive Registrar Nirma University, Ahmedabad		

OFFICERS OF THE UNIVERSITY DURING THE YEAR 2016-17

Sr.	Name	Designation
1.	Dr. Anup K. Singh	Director General
2.	Shri K K Patel	Vice President
3.	Shri D P Chhaya	Director (Academic & General Administration)
4.	Shri G. Ramachandran Nair	Executive Registrar
5.	Prof. Manjunath Ghate	Dean, Faculty of Doctoral Studies & Research, and Dean, Faculty of Pharmacy
6.(a)	Prof. S. Garimella	Dean, Faculty of Management (<i>up to 24.08.2016</i>)
6.(b)	Prof. M. Mallikarjun	Dean (i/c), Faculty of Management (<i>from 25.08 2016</i>)
7.(a)	Prof. P.N. Tekwani	Dean (i/c), Faculty of Technology & Engineering (<i>up to 15.06.2016</i>)
7.(b)	Prof. Alka Mahajan	Dean, Faculty of Technology & Engineering (<i>from 16.06.2016</i>)
8.	Prof. Purvi Pokhariyal	Dean, Faculty of Law
9.	Prof. Sarat Dalai	Dean, Faculty of Science
10.	Prof. Utpal Sharma	Dean, Faculty of Architecture & Planning
11.	Prof. Shantanu Mehta	Dean, Faculty of Commerce (<i>from 20.05.2016 to 14.03.2017</i>)
12.	Prof. Deepak Danak	Dean (i/c), Faculty of Commerce (<i>from 28.03.2017</i>)

Details of Meetings of the Authorities of the University

Sr. No.	Authorities of the University	Dates of Meeting
1.	Board of Governors	16.04.2016, 29.09.2016
2.	Academic Council	13.04.2016, 28.09.2016, 24.12.2016, 30.03.2017
3.	Finance Committee	16.09.2016, 18.03.2017
4.	Faculty of Technology & Engineering	16.08.2016, 05.12.2016, 21.02.2017
5.	Faculty of Management	06.08.2016, 04.03.2017
6.	Faculty of Pharmacy	09.08.2016, 02.03.2017
7.	Faculty of Science	05.08.2016, 20.02.2017
8.	Faculty of Law	20.08.2016, 04.03.2017
9.	Faculty of Doctoral Studies & Research	17.08.2016, 23.09.2016, 24.03.2016
10.	Academic Area Committees under Faculty of Pharmacy	09.08.2016, 30.01.2017
11.	Ad hoc Jt. Board of Studies in Science under Faculty of Science	25.07.2016, 27.01.2017
12.	Area Committees of Management under Faculty of Management	20.07.2016, 13.02.2017
13.	Board of Studies under Faculty of Technology & Engineering	05.08.2016, 25.01.2017
14.	Jt. Board of Studies in Humanities & Social Science and Jt. Board of Studies in Science (under Faculty of Technology & Engineering and Pharmacy)	03.08.2016, 23.01.2017
15.	Board of Studies in Law under Faculty of Law	06.08.2016, 10.02.2017
16.	Ad hoc Joint Board of Studies in Architecture	30.07.2016, 10.02.2017
17.	Ad hoc Interdisciplinary Joint Board of Studies in M.Sc.-Cosmetic Technology	25.07.2016
18.	Ad hoc Board of Studies in Planning	30.07.2016, 03.01.2017, 27.02.2017
19.	Ad hoc Board of Studies in Commerce	12.08.2016, 09.02.2017, 18.02.2017
20.	Ad hoc Board of Studies in Design	18.03.2017
20.	Library Council	16.05.2016, 27.01.2017
21.	Students' Welfare Board	04.07.2016, 18.11.2016, 28.02.2017

Details of Recognition given as Ph.D. Guide of the University during the Year 2016-17

From Institutes of the University

Sr. No.	Name	Discipline
1	Dr. Gupta Indu Rao	International Business
2	Dr. Subrat Sahu	Marketing
3	Dr. Vivek Kumar Vyas	Pharmaceutical Science
4	Dr. Patel Jignesh Baldevbhai	Instrumentation & Control Engineering
5	Dr. M. Jhansi lakshmi Kishore	Chemical Engineering
6	Dr. Alka Anil Mahajan	Electronics & Communication Engineering
7	Dr. Lakdawala Absar Mohammadhusen	Mechanical Engineering
8	Dr. Thakkar Priyank Bhupendrakumar	Computer Science & Engineering
9	Dr. Sudeep Tanwar	Computer Science & Engineering

Details of Students Registered for Doctoral Studies (Ph.D.) during the year 2016-17

Sr. No	Student Name	Guide	Faculty	Tentative Topic
1	Pratima Singh	Prof. Utpal Sharma	Architecture	Disasters and Developmental Planning Processes: Framework for Building Resilience
2	Sharad Manilal Panchal	Prof. Utpal Sharma	Architecture	The Role of the representation tools in architecture education & practice-with particular reference to pedagogical methods
3	Gajjar Vibha Haresh	Prof. Utpal Sharma	Architecture	Urban ecology in Indian Cities- Significance in contemporary time
4	Chauhan Dhavalkumar Chandrakant	Prof. Utpal Sharma	Architecture	Bio-diversity and the City: Role of Environment in the formation of the Built Environment
5	Bhatt Jaivik Uday	Dr. Krishnapal Malik	Law	Imposition and Implementation of Life Imprisonment in India: Comparative Analysis with Special reference to United Kingdom and France
6	Gunjan Sood		Management	Topic yet not finalized
7	Prakriti Soral		Management	Topic yet not finalized
8	Riya Jatinbhai Shah		Management	Topic yet not finalized
9	Kunjan Rajendrakumar Rajguru		Management	Topic yet not finalized
10	Pragya Ramsingh Thakur		Management	Topic yet not finalized
11	Abhay D. Joshi	Dr. Rajesh Jain	Management	Enhancing Quality Culture : Importance of People Factor
12	Mishra Chetnesh Kumar Akhilkumar	Dr. Deepak Srivastav	Management	Role of Digital Marketing in Business
13	Purva Sharma	Dr. Indu Rao	Management	A Cross-Cultural Study in Infrastructure and Real Estate Multinational Enterprises: India vs UAE
14	Sitwala Nikum Drigeshbhai	Dr. Manjunath Ghate	Pharmacy	Liquid phase combinatorial synthesis of Novel

				Benzimidazole Derivatives as Antitubercular Agents
15	Chaudhari Khushbu Ravindra	Dr. Jignasa K. Savjani	Pharmacy	Improvement of Physical Properties of Poorly Soluble Drugs using Co-crystallization approach
16	Daude Rakesh Bhagirath	Dr. Jigna Shah	Pharmacy	Effect of Some Drugs on Inhibition of Matrix Metalloproteinase (MMP-2 and MMP-9) and Histone Deacetylase (HDAC) on Streptozotocin induced Diabetic Nephropathy in Rats
17	Shah Manan Pareshbhai	Dr. Charmy Kothari	Pharmacy	Prospective Assessment of Pharmacovigilance Program in Healthcare Sector
18	Patel Parmi Kiritbhai Meenaxi	Dr. Jigna Shah	Pharmacy	To Investigate Potential Effect of Vitamin D and Gallic acid in Lowering the Accumulation of Amyloid Plaque in Mouse Models
19	Gediya Piyushbhai Arvindbhai	Dr. Manjunath Ghate	Pharmacy	Design, Synthesis and Pharmacological Evaluation of Small Molecules targeting Histone Deacetylase Inhibitors (HDAC) as Anti-Cancer Agents
20	Patel Vimal Dineshbhai	Dr. Jigar N. Shah	Pharmacy	Formulation development and characterization of nanotherapeutic drug carriers for cancer treatment.
21	Chavda Vishal Kishanbhai	Dr. Snehal Patel	Pharmacy	Pharmacological evaluation of antidiabetic agents for treatment of diabetes associated neurological disorders
22	Bora Vivek Ramesh	Dr. Bhoomika M. Patel	Pharmacy	Evaluation of the potential of anti-diabetic agents for treatment of cancer

				cachexia
23	Parekh Khushali Sudhirbhai	Dr. Tejal Mehta	Pharmacy	Design and Development of novel topical formulations for the treatment of skin diseases
24	Patel Bharatkumar Ramanlal	Dr. Niyati Acharya	Pharmacy	Exploring novel approaches for the management of neurological disorders using bioactives from Indian medicinal plants
25	Keerti Vishwakarma	Dr. Hardik Bhatt	Pharmacy	Design, Synthesis and Anti-cancer Activity of Novel Heterocyclic Compounds
26	Dahiya Sandeepkumar	Dr. Jignasa Savjani	Pharmacy	Design and Characterization of Formulation of Poorly Soluble Drug
27	Vikani Kartik Vithalbhai	Dr. Jigna Shah	Pharmacy	To Evaluate Clinical Potential of Purified Spirulina Protein C-Phycocyanin in Arthritis Disease Management
28	Shah Mahek Vipulkumar	Dr. Tejal Mehta	Pharmacy	Development & Optimization of Topical Formulations for the Treatment of Gout
29	Shikha Tewari	Dr. Sonal Bakshi	Science	Study of cellular response to radiation and protective effect of herbal extracts
30	Pinakin Ranchhodbhai Khambhala	Dr. Vijay Kothari	Science	Investigation on Antimicrobial/Anti-quorum sensing Potential of Ferula Asafoetida
31	Shailja Verma	Dr. Sriram Seshadri	Science	Evaluating the role of Ferula asafoetida (Apiaceae) for its anti-cancer properties
32	Ramdayal Singh	Dr. Prakash Chauhan	Science	Characterisation of Martian Dust and Clouds using Remote Sensing Data
33	Patel Naisargee Sharad	Dr. Rajeev Tyagi	Science	Artemisinin Resistance in Plasmodium Falciparum

34	Shah Dhriti Pravin	Dr. Ameer Nair	Science	Effect of altered glycemic levels on Synaptogenic Adhesion Molecules mediated insulin secretion
35	Champaneria Akshita Akshay Kavita	Dr. Shalini Rajkumar	Science	Restoring the MPS phenotype in the succinate mediated catabolite repressed rhizobacteria by gene manipulation
36	Anwasha Mukherjee	Nasreen Munshi	Science	Microbial fuel cell development for wastewater treatment
37	Shah Dharambhai Jayeshkumar		Tech & Engg	Video Summarization
38	Khalpada Purvish Narendrakumar	Dr. Sanjay Garg	Tech & Engg	Creative Story Generator Machine
39	Patel Dharmendrakumar Bhagabhai	Dr. N. P. Gajjar	Tech & Engg	Extreme Environment Electronics: Impact of Temperature
40	Iyer Sumitra Narayan	Dr. Alka Mahajan	Tech & Engg	Internet of Things; Soft Computing Approach
41	Patel Alpeshkumar Ishwarbhai	Dr. J. B. Patel	Tech & Engg	Design and implementation of advanced control strategies for nonlinear coupled Multi Input Multi Output (MIMO) system
42	Kapadia Harsh Khodidas	Dr. J. B. Patel	Tech & Engg	Application of advanced imaging techniques for damage characterization of concrete.
43	Jain Kavita	Dr. Alka Mahajan	Tech & Engg	Nowcasting of Remotely Sensed Images using Image Processing Techniques
44	Bagga Prashant Jagdishchandra	Dr. K. M. Patel	Tech & Engg	Tool Condition Monitoring Using Image Processing Techniques
45	Patel Dhaval Vallabhbhai	Dr. K. M. Patel	Tech & Engg	Machinery fault diagnostics and prognostics
46	Patel Anand Somabhai	Dr. K. M. Patel	Tech & Engg	Studies on Friction Stir Welding
47	Trivedi Shival Jayesh	Dr. Usha Mehta	Tech & Engg	Development of Advance Testing Methodology for New Era of VLSI

48	Ramachandran M.	Dr. B. A. Modi	Tech&Engg	Mechanical Characterization of Jute fibre reinforced Poly-Lactic Acid (PLA) with Poly-Butyl Succinate (PBS) composite and its effect with coconut shell powder.
49	Madhushree B.	Dr. Priyanka Sharma	Tech&Engg	Machine Learning for Video Summarization in Wireless Video Communication
50	Koshti Utsav Kamalbhai	Dr. Sharad Purohit	Tech&Engg	Seismic Performance Enhancement Techniques for Steel Structures
51	Shah Balkrushna Arvindbhai	Dr. V. J. Lakhera	Tech&Engg	Studies on Boiling Heat Transfer over Plain and Structured Surface
52	Gupta Jay Vishnu	Dr. Dhaval Pujara	Tech&Engg	Investigations on Different Types of Hybrid/Multi Mode Horns
53	Modi Anitha	Dr. Priyanka Sharma	Tech&Engg	Human Emotion Identification in Surveillance Systems
54	Punit Saswadkar	Dr. Madhuri Bhavsar	Tech&Engg	SDN based optimal routing to support NaaS services in Cloud
55	Bhatt Anandkumar Ambaprasad	Dr. R. N. Patel	Tech&Engg	Experimental investigation on Heat Transfer Enhancement Using Nano Fluid
56	Gandhi Ravi Vikramkumar	Dr. D. M. Adhyaru	Tech&Engg	Intelligent Control for Electro - Magnetic Levitation System

List of deregistered Research Scholars

Sr. No.	Student Name	Status	Registration Date	Faculty
1	Patel Chintan Hareshkumar	External	21/12/2013	Tech & Engg
2	Sheth Mansi Pradeepkumar	External	15/11/2014	Tech & Engg
3	Madhushree B	Full Time	02/05/2016	Tech & Engg
4	Patel Mehulkumar Laxmanbhai	External	01/10/2011	Tech & Engg
5	Nitheesh M Nair	Full Time	16/05/2016	Tech & Engg
6	Chakravarti Jatin Mukeshbhai	External	20/10/2012	Tech & Engg

7	Patel Vikram Amrutbhai	External	30/09/2011	Tech & Engg
8	Kapil P. N	External	08/11/2011	Tech & Engg
9	Nitin Shah	External	13/12/2014	Tech & Engg
10	Salunke Prashant Gorakhnath	External	01/10/2011	Tech & Engg
11	Kunjan Rajendrakumar Rajguru	Full Time	23/06/2016	Management
12	Gaurav Tandon	External	20/11/2013	Management
13	Davinder S Tuli	External	25/09/2009	Pharmacy
14	Parikh Jignesh Kantilal	FullTime	23/11/2010	Pharmacy
15	Ritika Jaiswal	External	01/04/2014	Pharmacy
16	Parikh Rikin Kanubhai	External	25/09/2014	Science
17	Khodidas Keshavjibhai Domadiya	External	09/10/2013	Science

Candidates Awarded Degree of Doctorate (Ph. D) during the year 2016-17

Sr. No.	Student Name	Faculty	Topic
1	Patel Vimal Ranchhodlal	Technology & Engineering	Experimental Studies on Lignite Gasification Process
2	Khairnar Vaishali Dinesh	Technology & Engineering	Study of reliability issues for Communication Protocols in Vehicular Ad-hoc Networks
3	Sachin Gajjar	Technology & Engineering	Cross layer Protocols and Architecture for Wireless Sensor Networks
4	Nimkar Samir Chandrakant	Technology & Engineering	Exergy Analysis of Nitric Acid, Ethylene Oxide/ Ethylene Glycol Processes and Methanol Reactor
5	Jain Sanjay Kumar Virendra	Technology & Engineering	Experimental and Numerical Investigations on Pump running in Turbine mode for Micro Hydropower Plants
6	Shah Ankit Kiritkumar	Technology & Engineering	Model based control of hybrid nonlinear dynamical system
7	Patel Niravkumar Pravinbhai	Technology & Engineering	Stress analysis and optimization of a Laminated Composite plate weakened by Discontinuity
8	Patel Chirag Ishwarbhai	Technology & Engineering	Analysis and Development of Human Action Recognition Techniques for Video Sequences
9	Patel Sanjay Pahladbhai	Technology & Engineering	Enhancing performance of pattern mining methods
10	Upadhyay Manisha J.	Technology & Engineering	Development, Simulation and Analysis of Resource Allocation Techniques for Cooperative Wireless Network
11	Ukani Vijaykumar Shantilal	Technology & Engineering	BorderMon: An Energy Efficient Framework for Border Surveillance using Wireless Multimedia Sensor Networks
12	Nimish Rajnikant Shah	Technology & Engineering	Polymer Synthesis, characterization and exploring their pharmaceutical applications
13	Nilesh Dhirajlal Ghetiya	Technology & Engineering	Experimental Investigations into Immersed Friction Stir Welding of AA2014-T6
14	Kedar Prasad Agrawal	Technology & Engineering	Clustering and Time Series Prediction for Spatio-Temporal Geographic Dataset
15	D. Jegatheesa Pandian	Management	Energy Security for India: An Analysis of Issues and Challenges for Policy Development
16	Somnath Chandrakant Sakore	Pharmacy	In Vitro And In Vivo Correlation (IVIVC) of Formulation Characteristics and Pharmacokinetics of Antihypertensive Drugs
17	Sharwan Kumar Singhal	Pharmacy	Toxic Signal Detection in Pharmacovigilance of Anticancer Drugs in Cancer Treatment
18	Kinjal Rahul Shah	Pharmacy	Development and evaluation of Taste masked Immediate Release Dosage forms of Lornoxicam
19	Patel Amit Ambalal	Pharmacy	Formulation Development & Optimization of Effervescent Systems for Histamine Antagonists.

20	Shah Unnati Ripalkumar	Pharmacy	Phytopharmacological Investigations of Bioactives From <i>Symplocos racemosa</i> Bark With Specific Reference to Anticancer Activity
21	Hiral Dineshbhai Koradia	Pharmacy	Studies in oxcarbazepine modified release formulations using Quality by Design approach
22	Patel Bhumika Dipen	Pharmacy	Rational Designing, Synthesis and Biological Evaluation of Novel Antidiabetic Agents
23	Dadhaniya Tejaskumar Madhavji	Pharmacy	Development and Analysis of Long Acting Depot Formulation for Pharmaceutical Use
24	Rajput Mahendrapal Singh M.	Science	Carbon Catabolite Repression of Organic Acids in Phosphate Solubilizing <i>Klebsiella</i> Species
25	Yadav Sheetal	Science	Intron-mediated enhancement of the expression of heterologous proteins in plants
26	Purandhar Kaveri	Science	Understanding the role of Toll-Like Receptors and Catspers in Male Reproductive Functioning
27	Indira Bora	Science	Inhibition of breast cancer progression by multi targeting approach using RNAi as a tool: An in Vitro Approach
28	Sharma Poojadevi	Science	Metabolic engineering in <i>catharanthus roseus</i> using rnai as a tool
29	A. Abiramasundari	Science	Degradation studies of Cardiovascular and Nonsteroidal anti-inflammatory drugs and synthesis of the degradation products
30	Tripathy Madhumita	Science	Modelling photosynthetically available radiation (PAR) from satellite and field data and its impact on ocean primary production
31	Gupta Anuroopa	Science	Genetic polymorphism and infectious diseases in Indian population
32	Prabhjot Kaur	Science	Compositional Variability of Lunar Basalts in selected Basins using Chandrayaan-1 data

Convocations:

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

Faculty	Degrees Awarded in Convocations		
	Twenty first 18-04-2016	Twenty second 21-10-2016	Total
Faculty of Management			
Doctoral Programme in Management (DPM)	01	--	01

MBA (Full Time)	227	--	227
MBA (Family Business and Entrepreneurship)	55	--	55
MBA (Part-time)	02	--	02
BBA	--	08	08
Faculty of Law			
B.A. LL.B. (Hons.) Five Year Integrated Programme	94	15	109
B. Com. LL.B. (Hons.) Five Year Integrated Programme	107	06	113
Master of Laws (LL.M)	02	10	12
Faculty of Technology and Engineering			
Ph. D.	08	06	14
M. Tech.	--	407	407
M. Tech by Research		04	04
M.C.A.	--	71	71
B. Tech.	--	709	709
Diploma Engineering	--	366	366
Faculty of Pharmacy			
Ph. D.	02	06	08
M. Pharm.	--	50	50
B. Pharm.	--	68	68
Faculty of Science			
Ph. D.	02	07	09
M. Sc.	--	64	64
Grand Total	500	1797	2297

**Institute
of
Technology**

Institute of Technology

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Outstanding Achievements and Important Activities:

The Institute of Technology with its strong commitment and dedicated efforts retained its high ranking, standing amongst the top 100 in the country and top 5 in the state as surveyed by various renowned ranking agencies. Persistent efforts are made to ensure that the pedagogy stays updated and a number of seminars, workshops, and training programs are organized for the faculty and students to bridge the gap between industry, societal needs and the academia. Various achievements and initiatives taken on the academic, research & innovation front are highlighted as under.

Academic Activities

The institute has developed a dynamic & innovative curricula for embarking on an ambitious plan focused on “*Growth in Excellence*” and the first batch under the revised curriculum will be passing out in June 2017. Following are some of the academic initiatives taken and achievements during the year-

- Interdisciplinary minor specialization was introduced for all the branches to cater to the interest of students in subjects other than their core branch. 28 students across all branches (except CE & IT) opted for minor specialization in Computer Engineering this year.
- Minor Specialization in Engineering Basics is introduced for integrated BBA-MBA program with a view to provide a background of engineering practices to the management students. Students opting for the same would have to undergo four basic courses from Electrical, Mechanical and Civil Engineering.
- The practice of branch wise divisions in first year was discontinued to ensure that each division had a mix of all the branches and a uniform distribution of merits in all the divisions. This gave an interdisciplinary flavor to the classroom and the resulting variety brought in a mix of ideas and innovation in teaching and learning.
- Two renowned Professors; Prof S C Sahasrabuddhe and Prof D P Agrawal known for their domain knowledge and experience in teaching/administration were appointed as faculty advisors with a view to improve teaching-learning, mentor young faculty and help in restructuring the programs.
- Departments of Electronics and Communication Engineering, Instrumentation & Control Engineering and Information Technology were formed. They were earlier a part of Electrical and Computer Engineering departments respectively. This ensured administrative facilitation and gave the departments a separate identity.
- Availability of course materials on intranet to have remote access by all students & faculties and addition of various learning resources at the library. Recognition was given to the best user of the library (faculty & student) to encourage use of the library.
- The Institute has now emphasized on Outcome Based Education (OBE), Experiential Education (through Project Based Learning), and research in thrust areas with translational impact. The initiatives of Project based learning and six month internship in the final semester has paid dividends in terms of increased placements and the industry feedback has been positive. Active learning techniques were introduced in the teaching of all subjects.
- A rigorous exercise involving all stake holders was carried out to frame the Mission and Vision statements for each department. Program specific outcomes (PSO) were introduced for each department. Exercise to find attainment of course outcomes (CO) and PSO was done for all programs.
- All the departments have initiated preparation for getting accredited by the National Board of Accreditation (NBA). The institute will go for NBA, for four of its programs in 2017.

Research, Publications & Development Activities

- 19 Major and Minor Research projects funded by external agencies worth Rs. 208 lakhs are in progress and 08 projects worth Rs 113 lakhs were sanctioned in 2016-17. The Nirma University funded one major project of Rs. 27 lakhs are in progress.
- 10 patents registered across departments in the year 2016-17.
- A rural pavement stretch of size 2.5 m × 16 m using Alkali activated concrete paver blocks is constructed at Jaspur Village, Kalol, Gandhinagar by the department of Civil Engineering, under the collaborative research project between University of Victoria, Canada & Nirma University, India which approved by IC-IMPACTS (India-Canada Centre for Innovative Multidisciplinary Partnerships to Accelerate Community Transformation and Sustainability) Centres of Excellence.
- Prof. Sharadkumar Purohit & Prof. Paresh Patel, Professors of Civil Engineering Department, undertook a challenging task of Nalanda University, Rajgir-Bihar for dynamic testing. They successfully conducted a crucial test to ascertain the functional stability of Gopuram under earthquake hazard. A 1/4th scale model of a prototype Gopuram was erected and testing was done using the unique Shock Table Facility available with the department.
- A project on Radiation Hardened Chip Design (RHBD) Standard Cell Library Development was successfully completed by Prof. (Dr.) N. M. Devashrayee and Prof. (Dr.) U. S. Mehta. The design of radiation hardened standard cell library (the first of its kind) has been successfully implemented in point 18 UM Technology and is ready for use.
- 07 faculty members published Books on various engineering aspects with renowned publishers.
- The Computer Engineering Department developed a number of inhouse softwares; prominent among them being the Performance Based Appraisal System (PBAS), library access application and an application for PhD section of NU. The institute is actively involved in development of the MIS for the University, well-coordinated by Prof. Swati Jain.
- 14 faculty members were awarded PhD in 2016-17 taking the total count to 73 PhD holders in the institute. Further, 74 faculty members are currently pursuing PhD.
- A number of MoUs were signed with industries to promote research and training.
- Training programs to the tune of Rs. 10lakhs were conducted by the Computer/IT/EC departments for the scientists of SAC ISRO, Ahmedabad.

Awards and Honors

A number of faculty and students were recognized for their outstanding achievements-

- Prof. Dr. P. N. Tekwani (Professor and HoD – Electrical Engineering, IT, NU) received Rajarambapu Patil National Award – 2016 for the Promising Engineering Teacher for Creative Work done in Technical Education.
- Prof. (Dr.) Sanjay Garg, Head of Computer Engg. was awarded CVM-VVN, Best Engineering College Teacher Award for Gujarat State - 2016 in recognition of his outstanding contribution to the Academic Community and Students.
- Dr. D. A. Pujara received US Fulbright-Nehru Scholarship for International Education Seminar at USA during October 2016.
- Dr H K Patel awarded with the Distinguished Society Service award in ISA Automation week 2015-16 conducted by ISA District 14
- 20 students participated in the “Robocon National Contest – 2017” and won Best Innovative Design Award.
- A team of 25 students participated in the prestigious SAE-BAJA competition and won 2nd prize in both Sledge Pull and Go-Green events
- Mitsubishi Cup - MECUP-2 a National level Automation Competition for Students organised by Mitsubishi Electric India Pvt Ltd. at College of Engineering, Pune, Maharashtra, India. 120 teams participated from more than 15 states of India. Team “CON-SL-E” from Institute of

Technology, Nirma University secured 2nd place and become winner of Silver Cup along with Rs.75000/- Prize.

Other Achievements / Activities:

- **Shri Manohar Parrikar, Hon. Defence Minister, India** and **Shri Vijay Rupani, Hon. Chief Minister, Gujarat** Inaugurated two days symposium PRAVEG'16 organized by Mechanical Engineering Students' Association (MESA)
- SHAHEED DIVAS "A tribute to the martyrs" was celebrated on March 23, 2017 in the august presence of **Shri O. P. Kohli, Hon. Governor of Gujarat State** presided the function. **Air Marshal Shri R. K. Dhir** - Air Officer Commanding-in-Chief, SWAC, **Shri Ajay Tomar - IG, BSF**, Gujarat FTR, **Shri Rakesh Pal - IG, Coast Guard**, NW Region spoke on the event and created awareness about functioning of their respective organization.
- An event "KNOW YOUR ARMY", was organized wherein the Indian Army presented a mock drill of how a real life army regiment strike is carried out. Artificial bunkers were created by the army in the campus and a magnificent display of Army equipment and resources was also arranged.
- **Dr. Subramaniam Swami, Member of Parliament, Rajya Sabha**, delivered guest lecture on the topic "Involvement of Youth in Economics, Defence and Politics.
- National Level Technical Fest (NuTECH) was organized by the Institute which saw a participation of 4500 students from all over Gujarat.
- Industry-Academia Meet was organized by the Industry Institute Interaction Cell where around 465 HR personnel and students participated. Two panel discussions with CEOs as panelists were highlight of the event
- Employment Awareness Camps were organized by the Entrepreneurship Development Cell for the students.
- Students are encouraged to present their research papers at National / International conferences; 17 B.Tech and 76 M.Tech students presented their research papers at various conferences.
- A number of expert lectures by National & International experts were arranged and industrial visits organized across all departments.
- To impart knowledge of current trends in the industry and common platform for discussion and development of the Automation Industry, ISA Student's Chapter, Institute of Technology, Nirma University, organized an All Gujarat Instrumentation and Control Engineer's Meet (AGICEM).
- Edumeet on, "Factory Automation: Bridging the Gap between Industry and Academia" jointly organized by Instrumentation and Control Engineering Department and Mitsubishi Electric India Pvt. Ltd (MEI)

Ranking

Various renowned agencies based on parameters like resources, research, teaching-learning, placements and stakeholder perception evaluated & ranked the Institute. The prominent are highlighted as under;

- Ranked 2nd in West Zone and 21st in top 25 India's Best Colleges by **India Today 2016**.
- Ranked 2nd in Gujarat State and 11th in Top Engineering Colleges of Super Excellence by **Competition Success Review-GHRDC Engineering College Survey in 2016**.
- Ranked 5th in the West Region and 30th amongst India's Top 100 Private Engineering Colleges as per the survey conducted by **The Week** in 2016.
- Ranked 5th in Top 100 Private T-Schools across the country in the **DataQuest CMR T-School Survey 2016**.
- Ranked 10th among self-financed colleges and 29th in Top 100 Engineering Colleges across the country by **Outlook Magazine** in 2016

- Ranked **23rd** in India's Top 100 Private Engineering Colleges in the **Education World Private Engineering Colleges Ranking in 2016**
- Ranked **30th** in Top 75 Private Engineering Colleges and **62nd** in top 150 Engineering Colleges across the country in Times Engineering Institute Ranking Survey **2016**
- Ranked **12th** in Top Private Colleges in the Engineering Institute and **32nd** in Top Colleges across the Country in **Survey by Times Engineering**
- Listed in the **AAAA** category of Engineering Institutes per the survey conducted by **Careers 360** in **2016**

Dignitaries visited

Name of the Dignitary	Organization and designation	Purpose of visit	Date
Shri Manohar Parrikar	Hon. Defense Minister, India	Inaugurated two days symposium PRAVEG' 16	October 17 – 18, 2016
Shri Vijay Rupani,	Hon. Chief Minister, Gujarat		October 17 – 18, 2016
Dr. Subramaniam Swami	Member of Parliament, Rajya Sabha,	Delivered guest lecture on the topic “Involvement of Youth in Economics, Defense and Politics’	October 18, 2016
Dr Carl Adams	Principal, Global Practice Area Leader of Integrated Industrial Wastewater Management, Nashville, Tennessee.	Talk on Cost-effective VOC control in Industries	February 9, 2016
Dr. Svetlana Brzev	Professor, British Columbia Institute of Technology, Canada and visiting faculty member, IIT	To witness the shock table test of Stone Masonry Walls.	April 6, 2016
Mr. Jay Vasavda	Eminent speaker and Author	Expert talk on “Business Skills” during MESA day celebration.	April 8, 2016
Dr. Rohit Vora	Polymers & Nanomaterials Technology Research Scientist, Advanced Polymers Research & Technologies, NJ, USA	Expert Talk on “Designing of Molecular Architecture, Synthesis, Development and Properties”	January 10, 2017
Dr. P.B. Ravikumar	Professor Emeritus of University of Wisconsin-Platteville, USA	Visited the Institute and interacted with faculty members of the Mechanical department	March 1, 2017
Shri Bipin Vora	Consultant/Advisor to R&D, UOP LLC, A Honeywell Company, USA	Expert Talk and Faculty-Interaction	March 2, 2017

I. Curricular Aspects

- New courses being offered: Electrical 10 in B.Tech Electrical Engg. Sem. VII
- Information Technology Department has proposed a B. Tech Minor specialization in “Computing with IoT and Cloud” for the students of B Tech (IT and CE) entered in the year 2015 onwards.
- Inclusion of new department elective "Quality Engineering and Management" for M.Tech in Mechanical Engineering (CAD/CAM, Thermal Engineering and Design Engineering).

- Courses (i) Elements of Mechanical Engineering and (ii) Fundamentals of Engineering Graphics, (iii) Basics of Electrical Engineering (iv) Elements of Civil Engineering to be offered for the students of integrated BBA-MBA program.

New Interdisciplinary courses:

- Introduction of Interdisciplinary minor specialization in ‘Computer Engineering’. Minor Specialization in Computer Engineering is offered to B. Tech. students of branches other than CE and IT. Students are required to study minimum 5 subjects and obtain minimum 15 credits during Sem–IV to VII of the programme. Object Oriented Programming with C++ course of three credits was offered in even semester of the academic year 2016-17.

No. of courses where major revision is made:

- Revision of Teaching and Examination Scheme and Introduction of Syllabus of Semester VII and VIII and syllabus of B.Tech in all programmes is implemented with effect from academic year 2016-17 onwards.
- In M.Tech, Advance Computer Network subject is introduced in place of High Speed Network.
- Revision in the syllabus of Gas Dynamics of M.Tech in Mechanical Engg. (Thermal Engg.)

Any other Initiative/Innovation in Curricular Design:

- A blog has been made available for each course and access of the same is available to the students for 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.: 14

Faculty Pursuing Ph.D.: 74

Innovation in Teaching - learning & evaluation:

In order to incorporate innovations in Teaching Learning, following innovative practices are carried out by the faculty members.

- In continuation to the active learning approach, an Innovative Assignment of the subject "Chemistry" (taught in First Year) was designed to imbibe project based learning from the first year of engineering. Students were divided in interdisciplinary groups and had prepared models (working/nonworking) and presented them. More than 85 models were prepared by around 450 students and almost every topic viz; Internet of things, forensic science, waste management techniques, energy generation techniques, smart bin, smart room, improved bricks and many more were covered. Best 20 models selected in all seven divisions were displayed and explained by the students in a Model Exhibition on "Chemistry in Engineering".
- Strategies such as Flipped Classroom, group based activities, Blended Learning, Google Classroom, Think-Pair-Share, conceptual online tests, expert talks on recent trends etc. are regularly carried out to make the sessions more interactive and gain involvement from students.
- Students are encouraged to use Piazza online discussion forum to share some good material, idea or ask their queries or carry out some group discussion based activity.
- Students are motivated to attend the lab sessions with some pre-work (by providing them agenda of experiment in advance) so as to understand to the experimental exercises quickly .
- Students are encouraged to choose their seminar or term paper based on a recent research trend in that subject. They are motivated to bring a good quality survey or research paper as the outcome.

- Slow learners are provided special attention by counselling them and arranging extra or remedial classes for them.
- Fast learners are asked to solve some challenging assignments for which they are required to explore reference books or online resources. Further, they are directed to advanced level MOOCs, tutorials or projects which they can carry out to apply their knowledge.
- Final and pre-final year students are motivated to choose their electives in such a way that their career path is directed properly, and they can complete all prerequisite courses before graduating. They are also encouraged to opt for special audit courses of their interest.
- Use of Mind - maps and Mnemonics to help students remember important information.
- Self-Analysis Report for each practical assignment
- Students contribution in Interactive Quiz design , and analytical questions
- A to Z approach : Discussion of real life applications related to the subject
- Teaching some concepts of Art of Programming and Software engineering through animated videos demonstrating the concepts
- A random number generator selects student randomly for weekly presentation on course related topics
- Assigning a problem to students and asking them to do brain storming on that and come with an optimal solution within a specified time in the class.
- After some lab components, students' learning is assessed by small quiz using Moodle or Socrative tool which helps students to check their level of understanding, and to teachers the degree of outcome from the experiment.
- For a lab based course, the videos lectures related to the practical in the lab manual are shown during the laboratory hours for better understanding. Also, the information/ links related to the latest developments/products is shared with the students.
- Library usage assignment – Students are taken to the library and assignments are given which can only be completed using library resources.
- Sometimes, as a part of innovative assignment, they are asked to work on a real world application such as understanding Nirma network structure or website development on a live server.
- The entire class is assigned a class project to implement all the concepts they learned in the course practically. Videos and animation for easy explanation and demonstration were shown to students for better learning of the course. Introduced blog to post recent trends in web technologies. Monkey survey was taken from the student regarding course, its learning outcomes and use of blog.
- Created CLO wise poll on course blog to check active learning of the students.

Activities to sustain healthy practices

- 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.
- Department conducts various pedagogy sessions and research talks every week to share knowledge and experience among all faculty members for improvement in the teaching learning environment.
- Compulsory 85% attendance for the students
- Open book examinations for PG students
- Continuous assessment of class and laboratory work
- Informal /formal feedback is taken from students twice a semester
- Regular follow-up to the parents of the students who lag in attendance
- Regular counselling of students
- Extensive use of ICT in class-room teaching
- Course material on the intranet and access to all the students
- Use of virtual labs for interactive laboratory teaching

Interdisciplinary Student projects:

Sr. No.	Title of Project	Institute / Departments involved	Names of the Guides	Students
1	Digital interface for measuring deflection of cantilever beam	Civil Engg. & Instrumentation & Control Engg Department	Prof. S. D. Raiyani Prof. A. I. Patel	14BCL008 14BIC045 14BIC050
2	Automated Guess Board mentored	MCA and Mechanical Engg. Department	Prof. Smita Agrawal	15MCA057 14BME037)
3	Indoor Positioning and Navigation System	Electronics and Communication Department	Dr. Dilip Kothari Prof. D. J. Panchal	13BIC020, 14BCE079

Exam Reforms Implemented

- Rubrics based evaluation carried out in Seminar, Mini project -I, Mini project -II, Minor project courses
- Open book class test conducted for M.Tech students
- Transparent evaluation system (assessed answer sheet of all the examination are shown to the students)

Number of faculty development programmes availed by faculty 134
 Number of faculty development programmes organized by the Institute: 69
 Invited/Endowment Lectures: 241

Non-Teaching Staff Development

The following staff members have attended and successfully completed the training programme which was organized by ADR Cell of Nirma University:

One week Short Term Training Programme for Non-Teaching Staff in the level of Sr. Assistant from June 13, 2016 to June 18, 2016.

Sr. No.	Name of the Participants	Sr. No.	Name of the Participants
1	Ms. Dina B. Jadav	8	Mr. Yogendra Purohit
2	Mr. Manish K. Patel	9	Mr. Sagar Rabari
3	Ms. Krupaxi Patel	10	Mr. Digant Oza
4	Mr. Ashish Gandhi	11	Mr. Atul Gohrl
5	Mr. Samir Dave	12	Mr. Suresh Patel
6	Ms. Alka Darji.	13	Mr. Dushyant Patel
7	Ms. Chaitsi Raval		

Training Programme for Office Assistants from November 21, 2016 to November 26, 2016

Sr. No.	Name of the Participants	Sr. No.	Name of the Participants
1	Mr. Nimish Patel	6	Mr. Nitin M. Patel
2	Mr. Jatin K. Patel	7	Mr. Nilesh Bhavsar
3	Ms. Sunita Parmar	8	Ms. Telgy James
4	Ms. Ami B. Patel	9	Mr. Faruk Mansuri
5	Ms. Kajal Shah	10	Mr. Krunal Patel

6	Mr. Nitin M. Patel	11	Mr. Divyesh H.Patel
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Training Programme for Improvement of English scheduled from January 21, 2017 on every Saturday for 03 hours for the duration of ten successive Saturdays.

Sr. No.	Name of the Participants	Sr. No.	Name of the Participants
1	Mr. Dave Samir Sureshbhai	10	Ms. James Telgy
2	Mr. Patel Pareshkumar B	11	Ms. Parmar Sunita Shantilal
3	Ms. Darji Alka Ketan	12	Mr. Patel Manish Kanubhai
4	Mr. Oza Digant Mrugesh	13	Mr. Rabari Sagarbhai Govabhai
5	Mr. Shah Chintan Jsvantlal	14	Mr. Patel Sureshbhai Rambhai
6	Mr. Saini Praful Gajendra	15	Mr. Patel Hiren Ishwarbhai
7	Mr. Shah Tejas Lalbhai	16	Mr. Panchal Maulik Natwarlal
8	Mr. Bhavsar Nilesh Hasmukhlal	17	Mr. Barot Ronak Balkrishnabhai
9	Mr. Purohit Yogendra Vinaychandra		

Training Programme for Laboratory Assistant, during August 8-10, 2016

Sr.No	Name of the Employees	Sr.No	Name of the Employees
1	Shri. Devendra K. Patel	10	Shri. Sanjay J. Trivedi
2	Shri. Sunil B. Regar	11	Shri. Narendra B. Suthar
3	Shri. Deepak Kumar Singh	12	Shri. Prakash M. Patel
4	Shri. Jignesh Nagar	13	Shri. Alkesh G. Patel
5	Ms. Pandya Vaibhavi Aryindkumar	14	Shri. Abhijat S. Joshi
6	Shri. Shukla Prasann D	15	Shri. Rathod Dhurmendara Singh
7	Shri. H.K. Patel	16	Shri.R.H. Patel
8	Shri. Chauhan Mohmadsajid M	17	Shri. Ishwarbhai R. Patel
9	Ms. Krupali V. Shah	18	Shri. Jsvant Raval

Training Programme for Computer Operator and Computer Operator cum Programmer during 8-10 August, 2016

Sr. No.	Name of the Employees
1	Shri. Jaimin Narayandas Joshi
2	Shri. Prafull H. Suthar
3	Ms. Rinki H. Patel

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)
2016-17	01	21.36	08	160.48	05	87.54
2015-16	03	27.00	10	133.51	02	62.20

Major Research Project funded by Nirma University during:

Financial Year	Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)
2016-17	1	27.00		
2015-16	-	-	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)
2016-17	09	30.71	11	48.42	03	26.00
2015-16	01	4.35	11	40.75	05	14.92

Minor Research Project funded by Nirma University during:

Financial Year	Institute	Completed		Ongoing		New projects (ongoing / sanctioned)	
		Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)	Number	Amount (In Rs. In lacs)
2016-17	ITNU	11	10.97	-	-	10	9.58
2015-16	ITNU	06	4.42	-	-	10	10.45

Number of Teachers allowed to participate in National /International Conference 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)
2016-17	21	1.24	58	6.32
2015-16	13	1.10	80	8.15

New Research Projects (Externally funded / University funded)**Major Research Project externally funded**

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Using Deep learning to understand and predict the dynamics of Tokamak discharges	Dr. Priyanka Sharma	(BRNS)	26.00
2	Design and Development of Scalable Data Mining Algorithms for Big Earth Data.	Dr. Sanjay Garg	ISRO (RESPOND)	10.70

3	Spectral Discrimination and Separability Analysis of Crops and Weeds using Deep Learning Techniques	Dr. Vibha Patel	ISRO	10.00
4	Development of Low Cost Methodology for Surveying and Mapping with NavIC	Dr. P. R. Patel, Prof. H. A. Dalwadi	SAC-ISRO (under NavIC-GAGAN Utilization Programme)	17.05
5	Design Fabrication and testing of a transition from free space Gaussian beam to fundamental D-band wave guide	Dr. Dhaval Pujara	Board of Research in Fusion Science and Technology	23.79

Minor Research Project Externally funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Development of Blind Hyper Spectral Unmixing (BSU) Algorithm for Water Pollutant Identification Due to Sewage and Industry Disposals for South Karnataka Coast, Manglore Region	Dr. T. H. Zaveri, Prof. Pooja Shah	ISRO	9.00
2	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, Dr T H Zaveri	ISRO	9.00
3	Development of Reinforced Aerated Blocks with Innovative Composite Ingredients as Compression Members for Structural Applications with Stringent Design Specifications	Dr. U. V. Dave	ISRO - RESPOND	8.00

Minor Research Project University funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Use of pervious concrete for solving problem related to water clogging at Nirma University Campus (30 th December 2016)	Prof. T. M. Joshi, Dr. U. V. Dave	NU	1.00
2	Simultaneous Localization and Mapping using Autonomous Unmanned Aerial Vehicle	Dr. D. K. Kothari, Prof. D. J. Panchal	NU	0.98

3	Development of High Temperature Applications using Fresnel Lens as Solar collector	Dr R K Mewada	NU	1.00
4	Fabrication, characterization and Application of Polymer in Solar Cell	Prof Neha Patni	NU	1.00
5	Microwave Assisted Oil Extraction From Algae	Dr M. Jhansi L. Kishore	NU	1.00
6	Development of low cost technique to remove copper from e-waste	Prof Amita Chaudhary	NU	1.00
7	Design and Investigation of Advanced Control Schemes For Quadruple Conical Tank System"	Prof. Alpesh Patel, Prof. J.B. Patel	NU	1.00
8	Investigation on application of minimum quantity solid lubrication in machining process" sponsored by Nirma University.	Prof. M.A. Makhesana, Dr. B.K. Mawandiya, Dr. K.M.Patel	NU	0.60
9	To study effect of characterization properties on dimensional control for composite product	Prof. D.B. Shah, Prof. S.J. Joshi	NU	1.00
10	Investigations on Producer gas quality for fixed bed gasifier	Prof. D.S. Upadhyay, Prof. N.K. Shah, Dr. R.N. Patel	NU	1.00

Ongoing Research Project

Major Research Projects Externally funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Understanding the immersed friction stir welding of aluminum alloys"(SERB-DST)	Prof. N. D. Ghetiya, Dr. K.M. Patel, Dr. B A Modi	DST, SERB	13.00
2	Process development for minimization of springback deformation and enhancement of profile accuracy of CFRP reflectors	Prof. S J Joshi, Dr B A Modi, Dr K M Patel	ISRO	14.52
3	Calibration and Validation of RISAT-1 SAR Sensor and RISAT-1 derived soil moisture	Dr. P. R.Patel	SAC, ISRO	29.80
4	Study the behavior of precast beam-column junction under progressive collapse scenario – An experimental and analytical investigations	Dr. P. V. Patel, Prof. Digesh Joshi	SERB (DST)	20.50

5	Development of Passive Damping Surface Coating for Advanced Materials based Structural System using PZT (Piezo) Powder	Dr. S. P. Purohit, Dr. P. V. Patel	ISRO-RESPOND	12.71
6	Optimization of Corrugated Horn Antenna using Adaptive Neuro-Fuzzy Inference System	Dr. D. A. Pujara, Dr. D. M. Adhyaru	ISRO, Ahmedabad	11.04
7	Oceanic Pollution and other Ocean Phenomenon Monitoring using Feature Extraction from Multi-Polarized SAR Data	Dr. T. H. Zaveri), Prof. Pooja Shah	ISRO Respond, Bangalore	18.26
8	Application of precast products made using bottom ash and fly ash for rural pavements and other infrastructure in India -PI from University of Victoria, Canada)	Dr. U. V.Dave, Dr. Rishi Gupta	IC-IMPACTS	40.65

Major Research Project University funded:

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Affordable Pd doped Perovskite based catalytic converter for abating automotive emission	Dr. Femina Patel, Dr. Sanjay Patel, Prof. N K Shah	NU	27.00

Minor Research Project Externally funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Precision Agriculture Support System using Wireless Sensor and Actuator Network	Dr. D. K. Kothari, Prof. S. H. Gajjar, Prof. M.A. Upadhyay	GUJCOST, Gandhinagar	4.50
2	Dynamic Characterization of Shock Table (June 2014)	Dr. S. P. Purohit, Dr. P. V. Patel	GUJCOST To put in major	7.40
3	Experimental Investigation of life cycle analysis and combustion characteristic of CI Engine operating on Esterified Oil and its blends with Bio Additives”(GUJCOST)	Dr. R. N. Patel, Prof. A. M. Lakdawala, Prof. N. K. Shah	GUJCOST To put in major	8.10
4	Reduction of E-Factor in Dyes and Pigment Industries (Environmental Pollution Control)	Dr. Parin Shah	Green Environment Services Co-op. Soc. Ltd. - CETP, Vatva.	7.50
5	Design of a Hybrid System for Seamless Communication Across DVB-RCS and LTE Networks	Dr. Y. N. Trivedi, Dr. N. P. Gajjar	GUJCOST, Gandhinagar	3.00

6	Spectrum Sensing Techniques in Cognitive Radio	Dr. Y. N. Trivedi, Prof. Hardik Joshi	GUJCOST, Gandhinagar	3.00
7	Synthesis of cross linked starch and study its application of in taste masking / coating for drug delivery application	Prof. Nimish Shah	Stabicoat Vitamins, Ahmedabad	0.71
8	Experimental investigation on Ultrasonic Single Point Incremental Forming	Dr. B.A. Modi , Prof. A.M. Gohil	GUJCOST	5.30
9	Establishment of Free Space Optical communication link for real time audio transmission	Prof. D. G. Shah, Dr. D. K. Kothari	GUJCOST, Gandhinagar	3.41
10	Design of Low Noise, Low Power, Automatic Gain Controlled Amplifier for Biomedical Applications	Prof. D.J.Panchal, Prof. A I. Mecwan, Prof. V. G.Savani	GUJCOST, Gandhinagar	3.20
11	Development of Microscopic Technique for Automatic Characterization of the Cell Organisation for Authentication of few Indian Herbal Plants	Dr. T. H. Zaveri, Prof. B. D.Fataniya	GUJCOST, Gandhinagar	2.30

Research Project Completed

Major Research Project Externally Funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Radiation Harden by Design (RHBD) Standard Cell Library Development	Dr. N. M. Devashrayee Dr. U. S. Mehta	ISRO, Ahmedabad	21.36

Minor Research Externally funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Low Temperature Synthesis and Characterization of Magnetic Nanoparticles	Dr. Chetna Chauhan	GUJCOST, Gandhinagar	4.95
2	Design of ADC for Biomedical Applications	Dr. N. M. Devashrayee Dr. A. P. Naik	GUJCOST, Gandhinagar	4.50
3	Object Detection and Surveillance System	Dr Sanjay Garg	GUJCOST	4.00
4	Design and development of automated and reliable service provisioning cloud architecture for engineering educational domain	Dr.Madhuri Bhavsar & Prof. Lata Gadhavi	GUJCOST	3.00
5	DNA Sequencing and Assembly using GPU	Dr Vibha Patel	GUJCOST	4.00
6	Process Development for Hydrogen	Dr R K Mewada,	GUJCOST	4.00

	Production through Solar Thermal Energy	Dr S S Patel		
7	Determination & Predictions of Thermophysical Properties of Biodiesel and its Blends	Dr M H Joshipura Dr A P Vyas	GUJCOST	3.30
8	Use of Marine Sand in Concrete Construction (Started September 2012, Completed April 2016)	Dr. U. V. Dave	Adani Infrastructure Limited	2.50
9	Identification, analysis and improvement of accident black spots using GIS	Prof. H. A. Dalwadi	*UL & YSA	*0.46

Minor Research University funded

Sr.	Project Title	Project Investigator	Funding Agency	Grant (In Rs. in lacs.)
1	Smart Home using Brain Mapping for Physically Challenged People	Prof. J. J. Patel Prof. D. J. Panchal	NU	0.75
2	Synthesis, Characterization and Application of Functionalised Macromolecule as Chemical Sensor	Prof Neha Patni	NU	1.00
3	Synthesis of Spinel MF ₂ -xB'O ₄ (M = Ni, Cu, Zn) and MF ₂ -xB'O ₄ /TiO ₂ nanocomposite as novel photocatalysts for degradation of dyes	Dr Femina Patel	NU	1.00
4	Fabrication, characterization and application of electrodes for electrochemical waste water treatment	Prof. Priya Saxena	NU	1.00
5	Studies on Exploring Novel Excipients for drug delivery in oral cavity	Prof. Nimish Shah, Dr. Dhairat Parikh	NU	1.80
6	Evaluation of Mechanical and Durability Properties on Fly ash and Rice Husk based geopolymer concrete (Started 30 th November, 2015, Completed February 2017)	Prof. S. P. Thakkar	NU	0.72
7	Design and Fabrication of Radial Flux Permanent Magnet Brushless DC Motor	Prof. A. N. Patel Prof. T. H. Panchal	NU	0.80
8	Trend Analysis and Inclusion of HOTS in Engineering Education	Dr. Richa Mishra	NU	1.00
9	Test- Rig for experimental investigations of bearing faults in rolling bearings	Prof. V.M. Bhojwala, Prof. D.V. Patel, Prof. D.J. Shah	NU	1.00

10	Development of experimental set up for determination of stiffness properties of fibre reinforced composite using vibration testing	Prof. S.J. Joshi Prof. D.B. Shah	NU	1.00
11	Performance evaluation of solid lubricants mixed with SAE - 40 oil machining of EN- 31 steel material	Dr. K.M. Patel Prof. M.A. Makhesana	NU	0.90

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

Information cum Dissertation Abstracts Volume 8, Master of Technology
Nirma University Journal of Engineering and Technology (NUJET) – Volume 5 Issue 1 (January to June 2016) and Volume 5 Issue 2 (July to December 2016)

Research Publications:

Financial Year	Department	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
2016-17	Chemical	01	-	-	04	04	1.8515
	CSE	02	-	-	28	22	2.5
	Civil	03	02	0.04	15	04	1.58
	Electrical	-	-	-	6	3	0.754 (SJR 2015)
	EC	02	-	-	12	12	2.92
	IC	-	-	-	6	6	2.70
	IT	-	-	-	17	14	2.23
	M&H	02	-	-	12	-	-
	Mechanical	04	-	-	17	15	1.83
2015-16	Chemical	-	-	-	-	-	-
	CSE	-	-	-	30	12	2.3
	Civil	03	-	-	02	-	-
	Electrical	-	-	-	4	-	-
	EC	-	-	-	14	14	-
	IC	-	-	-	6	4	1.51
	IT	-	-	-	9	5	2.562
	M&H	-	-	-	-	-	-
Mechanical	01	-	-	12	11	1.1016	

Summary

Research Publications by Faculty
International Journals: 117
National Journals-Refereed Papers: 09
University Journals 05

International Conference, National Conference/Seminar including Abstracts:

International Conference: 148

National Conference: 24

Other Publications

Books: 05

Chapter in Books: 03

Citation Index of Faculty Members and Impact Factor

Sr. No.	Name of the Faculty Member	H-Index	Citations
1.	Dr Jayesh P Ruparelia	6	823
2.	Dr S.S.Patel	13	835
3.	Dr Nimish Shah	1	4
4.	Dr Parin Shah	2	30
5.	Dr Jhansi Laxmi Kishore	5	60
6.	Prof Parag Saxena	3	49
7.	Prof Leena Bora	1	1
8.	Prof Ankur Dwivedi	4	43
9.	Prof Sandip Sharma	3	50
10.	Prof Neha Patni	5	77
11.	Prof Amita Chaudhary	1	01
12.	Dr R.K.Mewada	6	106
13.	Dr M.H.Joshi	5	92
14.	Dr Femina Patel	4	33
15.	Dr Shibu Pillai	9	286
16.	Prof R.N.Reddy	1	33
17.	Prof Priya Saxena	1	11
18.	Prof Nikita Chokshi	1	2
19.	Prof Ronak Patel	1	2
20.	Dr Sanjay Garg	6	105
21.	Dr. Priyanka Sharma	3	44
22.	Prof. K P Agrawal	2	7
23.	Dr. Vibha Patel	2	8
24.	Dr. Sharda Valiveti	3	40
25.	Prof. Vijay Ukani	4	72
26.	Dr. Priyank Thakkar	3	122
27.	Prof. Zunnun Narmawala	5	60
28.	Dr. Sudeep Tanwar	5	76
29.	Prof. Swati Jain	2	5
30.	Prof Monika Shah	1	6
31.	Prof Rupal A Kapdi	2	21
32.	Prof. Pooja P Shah	2	11
33.	Prof. Vishal U. Parikh	1	3
34.	Prof Jigna A Patel	1	10
35.	Prof Kruti Lavingia	1	1
36.	Prof Pimal Khanpara	1	4
37.	Prof Tarjni Vyas	1	5
38.	Prof. Shivani Desai	2	5

39.	Prof. Dhaval S Jha	1	1
40.	Prof Vivek K Prasad	1	7
41.	Prof. Anitha Modi	1	1
42.	Prof. Saurin Parikh	2	8
43.	Prof. Sonia Mittal	1	1
44.	Prof. Priti Kathiria	1	1
45.	Prof. Jaiprakash Verma	1	13
46.	Prof. Rushabh Shah	1	10
47.	Dr. Paresh V. Patel	4	51
48.	Dr. Urmil V. Dave	5	74
49.	Dr. Parul R. Patel	2	14
50.	Dr. Sharad P. Purohit	3	23
51.	Dr. Hasan M. Rangwala	1	1
52.	Prof. Digesh D. Joshi	3	21
53.	Prof. S. P. Thakkar	1	3
54.	Prof. Dr. P.N. Tekwani	14	842
55.	Prof. Dr. S. C. Vora	4	32
56.	Prof. Dr. A. A. Nimje	4	48
57.	Prof. Dr. S. K. Chauhan	5	79
58.	Prof. Dr. Gulshan Sharma	3	25
59.	Prof. Dr. Kuntal Bhattacharjee	6	108
60.	Prof. A. N. Patel	2	26
61.	Prof. T. H. Panchal	2	6
62.	Prof. M. T. Shah	4	29
63.	Prof. P. N. Kapil	2	11
64.	Prof. S. N. Jani	1	2
65.	Prof. C. B. Bhatt	2	12
66.	Prof. S. S. Kanojia	2	16
67.	Prof. C .R. Mehta	3	38
68.	Prof. H .S. Pandya	1	5
69.	Prof. V. M. Dholakiya	1	6
70.	Prof. S. K. Sahoo	1	11
71.	Dr. D. K. Kothari	2	16
72.	Dr. N. M. Devasharyee	7	179
73.	Dr. Dhaval Pujara	5	83
74.	Dr. Y. N. Trivedi	5	52
75.	Dr. N. P. Gajjar	3	19
76.	Prof. M. A. Upadhyay	2	6
77.	Dr. Usha Mehta	7	134
78.	Dr. T. H. Zaveri	7	150
79.	Dr. Amisha Naik	3	19
80.	Prof. Sachin Gajjar	5	63
81.	Prof. Vaishali Dhare	2	12
82.	Prof. Aakash Mecwan	2	13
83.	Prof. Vijay Savani	2	12
84.	Prof. Dhaval Shah	2	26
85.	Prof. Ami Shukla	1	1

86.	Prof. B. D. Fataniya	1	3
87.	Prof. Mehul R. Naik	2	5
88.	Prof. Ruchi Gajjar	2	19
89.	Dr. Ankur Pandya	1	9
90.	Dr. Chetna Chauhan	7	176
91.	Prof. Khyati Vachhani	1	7
92.	Prof. Bhavin Kakani	1	2
93.	Prof. D.M.Adhyaru	7	150
94.	Prof. J.B.Patel	4	31
95.	Prof. H.K.Patel	5	87
96.	Prof. S.A. Mehta	2	8
97.	Prof. V. Vaidya	1	1
98.	Prof. V. R.Tilva	1	3
99.	Prof. N.S.Patel	1	4
100.	Prof.A.K.Sharma	3	52
101.	Prof.H.K.Kapadia	3	23
102.	Dr. Madhuri Bhavsar	3	81
103.	Dr. Gaurang Raval	1	10
104.	Dr. Ankit Thakkar	5	124
105.	Prof. Parita Oza	1	4
106.	Prof. Malaram Kumhar	2	7
107.	Prof. Sapan Mankad	1	3
108.	Prof. Dvijesh Bhatt	1	3
109.	Prof. Daiwat Vyas	1	3
110.	Prof. Payal Prajapati	1	3
111.	Dr Kunal Pathak	1	2
112.	Dr.K.Ambika	1	5
113.	Dr.Mahesh A Yeolekar	2	14
114.	Dr. Sandeep Malhotra	2	6
115.	Dr Kunal Pathak	1	2
116.	Dr. K.Ambika	1	5
117.	Dr.Mahesh A Yeolekar	2	14
118.	Dr Rajesh N Patel	9	346
119.	Dr Vikas J Lakhera	4	66
120.	Dr Kaushik.M.Patel	8	267
121.	Dr. Bharat A.Modi,	2	17
122.	Dr. (Ms.) Reena.R.Trivedi,	3	30
123.	Dr. Absar .M.Lakdawala,	4	32
124.	Dr. Sanjay.V.Jain,	7	174
125.	Dr. Nilesh .D.Ghetiya	3	32
126.	Dr. Mitesh Panchal	6	110
127.	Dr. Madhusudan Achari	2	11
128.	Dr. Jatin M.Dave	1	6
129.	Prof. Vipul .M.Bhojawala,	1	11
130.	Prof. Ashish M. Gohil	2	65
131.	Dr Mihir M. Chauhan	2	18
132.	Prof. Balkrushna A Shah,	1	5
133.	Prof. Dhaval B. Shah,	4	82
134.	Prof. Tejas N Raval,	1	3
135.	Prof. Darshit S Upadhyay	2	15

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

Books

Sr.No.	Name of faculty member	Name of the book	Name of the publisher	ISBN Number	Year of Publication
1	Dr. Sudeep Tanwar	Routing in Heterogeneous Wireless Sensor Networks	LAP LAMBERT Academic Publishing	978-3-330-02892-0	2016
2	Dr. Sudeep Tanwar	Mobile Computing	Bhavya Publucation, Delhi	978-93-83992-25-6	2017
3	Prof. Hemanth M. Kamplimath	Traffic Forecasting for a National Highway by Demand Elasticity Method - A Case Study for an Indian National Highway.	LAP LAMBERT Academic Publishing	(ISBN: 978-3-659-88552-5)	2016
4	Dr. Akhilesh A. Nimje	Electrical Circuit Analysis and Synthesis	New Age International Publishers	978-93-86418-08-1	2017
5	Dr. Madhuri Bhavsar	Semantic enabled cloud for compute intensive applications		978-3-659-84189-7	2016

Books Chapter:

Sr. No.	Name of the Faculty Member	Name of the Book	Title of Chapter	Name of the Publisher	ISBN No.	Year of Publication
1	Dr. Ankit Thakkar	Communication and Computing Systems	Skip: A novel self-guided adaptive clustering approach to prolong lifetime of Wireless Sensor Networks	Taylor & Francis Group CRC Press	978-1-138-02952-1	September 2016
2	Dr. Sandeep Malhotra	Transient Simulation of vapor liquid two phase flow inside single tube condenser using quazi linearization approach	Advanced Mathematics: Theory & Applications	Research India Publications	ISBN 978-93-84443-20-7, (2016), Chapter 27, pp. 305-324.	December 2016
3	Prof. S.J. Joshi, Prof. D.B. Shah	Taguchi Method: Plasma Cutting Parameters	Encyclopedia of Plasma Technology	CRC Press, Taylor and Francis pp. 1389-1395.	978-14-66500-59-4	2017

Ongoing Research Collaboration/New Collaboration

- In Civil Department as a part of collaboration with University of Victoria, Canada, M.Tech. students carried out their Major Project work for one year under the guidance of Dr Rishi Gupta. Mr. Luv Prajapati (14MCLC23) & Mr. Kishan Patel (15MCLC17) carried out their project in 2016-17.

Awards and Recognitions (Institute/Department/Faculty)

- Prof. Neha Patni received award for being Committee Member of International Conference by IARC Centre for United Nations Events & Conferences on Earth & Space during October 2016.
- Prof. Hiral V. Thakar was awarded IGS-Ahmedabad Chapter YGE Award for presenting best paper entitled “Design of Sodium Silicate Based Grout with Polymeric Activators”
- ISA Student chapter of IC department received ISA student section best performance award in ISA Automation week 2015-16 conducted by ISA District-14.

Research Awards/Prize/Schemes

Sr. No.	Name of Faculty Member	Recognition/ Honor/ Award	Reason	Name of Organization (from which it was received)
1	Dr. Priyanka Sharma	First Prize in Poster presentation	Poster Presentation	ACM-W India Celebration of Women in Computing – 2016
2	Dr. Narasimha Reddy Ravuru	First Prize	Paper Presentation titled "Clean Energy: Hydrogen production from glycerol via steam reforming over Magnesium based catalyst at Conference	National conference on Inter and Intra Disciplinary Blend of Chemical Engineering, VNIT, Nagpur
3	Prof. Neha Patni & Dr. Shibu Pillai	Best Poster presented	Poster Presentation	IIT Gandhinagar
4	Prof. Leena Bora, Dr. R K Mewada, Mr. Meet Shah, Mr. Rushabh Patel	Best Paper	Best Paper titled “Solar Photoreactors: A Comprehensive Review”	BK School of Management, Ahmedabad
5	Dr. Parin Shah	Best M.Tech. Thesis in Chemical Engg. (Energy System) - 2016	Guided the student Ms. Ashwini D. Karlekar (Energy System) – 2016	ISTE-IPCL
6	Dr. U. V. Dave	Worked as Scientific & Technical Committee Member	Chaired a Technical Session And received travel grant of rs 50,000/-	9th International Concrete Conference 2016 on “Environment, Efficiency and Economic Challenges” held at University of Dundee, Scotland, UK

9	Dr. Madhuri Bhavsar	Best Paper Award	Best paper titled Design and Development of Automated and Reliable Service Provisioning Cloud Architecture for Engineering Education Domain	IEEE International Conference on Global Trends in signal processing, Information Computing and Communication
10	Dr. R.N. Patel	Best Professor	Best Professor of Institute of Technology, NU	Nirma University
11	Prof. Darshit Upadhyay	Academic Grant for International Travel of 1250 GBP to attend conference	Selected out of one of the 30 total applicants worldwide in Commonwealth countries	Under association of Commonwealth country academic grant
12	Prof. Anand Patel	Best Professor	Awarded with Global Teacher Role Model Award 2016	MVLA Trust, Mumbai
13	Dr. S.J. Joshi and Prof. D.B. Shah	Grant 200\$	Grant received for their book chapter “Taguchi Method: Plasma Cutting Parameters”, Encyclopedia of Plasma Technology	CRC Press

Patents

Name of the Faculty Member	Title of the Patent	Country	Year /Record of Patent Filing	Current Status
Prof. A. I. Patel Prof. H. K. Kapadia Prof. J. J. Barve Prof. D. Joshi (Prof. P. V. Patel Prof. S. P. Purohit	“Synchronized crack monitoring system”.	India	Application Number: 2959/MUM/2015	Patent Filed
Dr. D. M. Adhyaru Mr. Pallav Gandhi	“Smart Modbus based device”	India	Application Number: 3303/MUM/2015	Patent Filed

Internal Resources Generated

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

Revenue Generated in:

Financial Year	Consultancy	Testing	Training	Others
2016-17	Rs. 68.24 lacs	Rs. 24.06 lacs	Rs. 13.95 lacs	Rs.3.00 lacs
2015-16	Rs. 53.38 lacs	Rs. 16.18 lacs	Rs. 1.48 lacs	--

Extension Activities/Community Services by Institute/Department

Foundation Day Activity (3rd Oct 2016)

EESA organized an activity “Big Brother” on the foundation day. The activity was aimed to spend one full day (09.30 am to 3.30 pm) with the kids of the laborers’ working at the construction site of Nirma University. Total 27 kids participated.

The ISA Students Chapter of Nirma University organized a visit to old age home – Hiramani on 11th October, 2016. 42 volunteers, along with other faculty members visited the old age home and spent quality time with 75 elders at the old age home.

Volunteer Teaching

Nirma VolunTeaching Movement (NVM) was 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. Every Saturday students and faculty members visit the village.

Social Awareness

Department of Civil Engineering in association with Blind People Association, Vastrapur organized an event “Divyang-Talent Performance and Tribute”. A group of 35 students along with their 9 faculty coordinators visited the campus on 3rd of October, 2016 and made the program a grand success.

Food Wastage Awareness Campaign was organized on 24th August 2016 by ITNU NSS in which 30 students were involved along with 1 faculty.

Reaching to the Needy

MUSKAAN – I2L. Hundreds of books, clothes, shoes and several other items were collected and given to slum dwellers.

Clothes collection and Donation Campaign was organized on 11th January 2017 by ITNU NSS to provide clothes to the underprivileged.

Academic Support

Instrumentation Control Department organized a one day workshop for the students of ITI, Saraspur as an extension activity. Training on Microcontroller & Digital Electronics was provided by department faculty members to 35 students & 2 faculty members of ITI, Saraspur. This workshop was an interesting experience for the students as well as for the faculty who were involved in the workshop.

Other activity:

Special Olympics was organized on 18th Feb 2017 in which 80 students and 3 faculties were involved which was organized by ITNU NSS YOU NEED Group. Various games were organized for disabled kids during the event.

111 students participated in an examination conducted by the **Centre for Sustainable Development**, a major group organization with the United Nations. The activity is conducted to create awareness about RIO programs on UN initiatives in accordance with the RIO+20 outcome document. **RIO+23 WHS India Certification Program** is a short-term co-curricular course study for Indian students.

MoUs signed with Institutions / Industries

- Contract between Central Building Research Institute (CBRI), Roorkee and Nirma University has been signed for a duration of three years. As a part of MoU, students of M. Tech can be sent to CBRI, Roorkee for their practical training as well as major project. Faculty members of department can also visit CBRI-Roorkee and avail the facilities there.
- Contract between J.K. Lakshmi Cement Ltd and Nirma University has been signed to recognize the need for cooperation in information sharing / training opportunities for both JKLCL-KGU & NU and as well as in some instances, in joint programs for both entities in areas like Automation, Indigenization, Innovations, substitute for High cost imported Equipment/Technology with In-house developed solutions which may include input from various disciplines of Engineering like Mechanical, Electrical, Civil, Chemical, Electronics, Information Technology etc.

MoUs renewed with Institutions / Industries

- MoU with Mitsubishi Electrical India Pvt. Ltd. is renewed for another three years with effect from February 2017.

Activities carried out during the year under existing MoUs:

- Mitsubishi India Pvt. Ltd. provided FA learning setup worth Rs. 34, 72,600/-.
- Two M.Tech students did their dissertation using Mitsubishi FA training kits.
- Delegates from Mitsubishi Electric, Japan visited the institute to review the activities under the MoU.
- Edumeet on, “Factory Automation: Bridging the Gap between Industry and Academia” jointly organized by Instrumentation and Control Engineering Department and Mitsubishi Electric India Pvt. Ltd (MEI) on 1st October 2016. Dr C B Bhatt, Dr Axay Mehta, Dr J P Patel, Dr Vipul Shah, Dr Manoj Gupta, Mr. R.B. Bhorania were key speaker during the Edumeet

Collaborative Activities under MoUs

As a part of MOU with Infosys, Prof. Rushabh Shah and Prof. Rasendu Mishra participated in Faculty Enablement Program on “Foundation Program 5.0” held at Walchand Institute of Technology, Solapur from 2/1/2017 to 4/1/2017 conducted by Infosys Limited.

Linkages with National/International Academic/Research Bodies

Florida Atlantic University, USA

Saxion University, Netherlands

RMIT, Australia

IV. Infrastructure and Learning Resources

Computer Facilities Added

Computer systems and peripherals worth Rs.1,82,43,798.25 in different department have been purchased, the summary of which is given here below:

Wi-Fi facility was further enhanced **and 18 access** points were added at different blocks.

Internet Bandwidth has been upgraded from **256Mbps to 332Mbps for the entire campus.**

Details of Computer Hardware Purchased in FY 2016-17

Sr. No	Dept	Item Description	Unit Rate	Qty.	Total Amount	Purchase date / Bill no
1	CL	Lenovo NoteBook B40-80	28300.00	2	56600.00	Sep 30,2016 R/00645
2	EC	Intel Core I3 Desktop Computer CPU Intel core I3-4150 CPU 4th GEN INTEL H-81 CHIPSET MOTHERBOARD (ASUS) 4Gb DDR3 RAM 1TB sata hard disk WDD ATX cabinet with SMPS- INTEX 104 keys keyboard- USB(TVSE GOLD) Optical Mouse -USB(Logitech) CAT6 Patch cord - 2Mtr 18.5 “ wide LED monitor- View Sonic MS. Window 8.1 Proff.64 bit - OEM	35300.00	5	176500.00	Jan 18,2017 R/01012
3	IC	Ethernet switch 8 port	850.00	1	850.00	July 28, 2016 R/00415
4		Wi-Fi Access point	10000.00	1	13062.00	July 11, 2016 R/00754
5	ME	Laptop Lenovo B40-80	39690.00	3	119070.00	Sept 30, 2016 R/00644
6		Workstation / Computer System INTEL XEON E3-1230 V5	136000.00	3	408000.00	Jan 17,2017 R/01006

7		UPS 1.5KVA	21000.00	2	42000.00	Jan 18, 2017 R/01014	
8		Hard Disk Drive (Internal) 1TB	3750.00	10	37500.00	Feb 17, 2017 HR/001645/16-17	
9		3D Printer (Cube Pro Duo)	380000.00	1	380000.00	Mar 25, 2017 R/001	
10		UPS-10 KVA	206750.00	1	206750.00	May 26, 2016	
11		UPS-10 KVA	206750.00	1	206750.00	May 26,2016	
12		Bread Board with Power Supply Make: EDKIT Model No. PB-010D	3417.80	5	17089.00	Aug 12,2016	
13		Bread Board with Power Supply Make: EDKIT Model No. PB-010D	3417.80	5	17089.00	Aug 12,2016	
14		IC's 7400-20,7402-20,7404-40,7432-30,7486-30, Wire stripper Taparia, Hook Up Wire	2724.00	1	2724.00	Sept 5, 2016	
15		Battery For Server (10.1.19.3)	4750.00	2	9500.00	Sept 30, 2016	
16	CSE	BATTERY	2500.00	4	11500.00	Jan 30, 2017	
17		BATTERY	2500.00	4	11500.00	Jan 30, 2017	
18		Sensor 34MM Capacitive Proximity Sensor 8MM Inductive Sensor Distance Sensor 1-25 mm GSM GPRS SIM900A Module with Stub Antenna PIR Sensor	2600.00	1	2600.00	Jan 27, 2017	
19		MAC MINI APPLE DUAL CORE MGEN2HN/A	64325.00	20	1286500.00	Feb 3, 2017	
20		Seagate 1 TB SATA Hard Disk	3750.00	1	3750.00	Feb 28, 2017	
21		Analog Digital IC Tester	27431.25	1	27431.25	March 11, 2017	
22		GA	INTEL WORKSTATION COMPUTER CPU I5	29500.00	194	5723000.00	March 14, 2017
23			INTEL WORKSTATION COMPUTER CPU I7 32GB,2TB	57500.00	4	230000.00	March 14, 2017
24			INTEL WORKSTATION COMPUTER CPU I7 16GB,1TB, GRAPHICS CARD	58000.00	2	116000.00	March 14, 2017
25			INTEL WORKSTATION COMPUTER CPU I5	35500.00	16	568000.00	March 14, 2017
26	18.5" LED MONITOR		4650.00	192	892800.00	March 14, 2017	
27	22" LED MONITOR		8000.00	17	136000.00	March 14, 2017	
28	22" LED MONITOR		8000.00	7	56000.00	March 14, 2017	
29	UPS 1 KVA OFFLINE		5100.00	2	10200.00	March 14, 2017	
30	UPS 2 KVA OFFLINE		13250.00	1	13250.00	March 14, 2017	
31	EXTERNAL DVD WRITER		1650.00	4	6600.00	March 14, 2017	
32	STABILIZER - 7.5 KVA MAKE: VOLCOR		14750.00	6	88500.00	March 14, 2017	
33	4 GB DDR3 RAM		1925.00	24	46200.00	Jan 30, 2017	
Total of Hardware					10923315.25		

Details of Computer Software Purchased in FY 2016-17

Sr. No	Dept	Item Description	Unit Rate	Qty	Total Amount	Purchase date / Bill no
1	CL	Escan ISS for SMB	538.00	2	1300	Oct 11, 2016 ITCGSPL/BRD/16-17/R/200
2		Staad Pro V8i	30000.00	1	30000	January 3, 2017 /MT/1617/ST/075
3		MS Windows 10 OEM 64 BIT	9500.00	2	19000	September 30, 2016 R/00645
4		Office Std 2016 STD	3500.00	2	7005	November 24, 2016 LR/000468/16-17
5		Project Standard 2016 MAK	5253.00	5	26269	March 21, 2016 L/15-16/219
6	EC	Eagle PCB Layout Software	15940.00	1	15940	October 18, 2016 265310
7		Cogenda TCAD(Device Simulator)Perpetual License	Package	2	273525	January 23, 2017 CDS-2016/56
8		Cadence University PG Bundle for VLSI Design	Package	10	1240000	January 10, 2016 ENT/INV/16-17/136
9	IC	MS windows Prof. 10 upgrade	3933.75	2	9500	August 23, 2016 S/07
10		MS windows Prof. 10 upgrade	3933.75	2	9500	S/05 December 8, 2016
11		SCADA software	22200.00	4	104425	7/13/3327 January 5, 2017
12	ME	MS Office 2016	3175.67	3	9527	October 1, 2016 RIPL\16-17\RT\0120
13		Solidworks Software	Package	60	600000	January 5, 2017 061/16-17
14		NX Design	Package	20	477600	January 31, 2017 PNQ/1617/821061
15		EES - Professional Version, Academic (F-Chart)	301827.00	1	301827	March 7, 2017 EES-4762
16	CSE	Escan Anti Virus software for Apple iMAC	921.00	2	1842	January 23, 2017
17		Escan Anti Virus software for Linux	921.00	218	200778	January 23, 2017
18		Escan Anti Virus software for	650.00	673	437450	January 23,2017

		Windows				
19		Escan Anti Virus software	650.00	329	213850	October 19, 2016
20		TURNITIN Subscription 2016	478682.40	1	478682	April 4, 2016
21		MS WINDOWS 10 PROFF. 64BIT OEM	9650.00	216	208440 0	March 14, 2017
22		Escan Anti Virus software	650.00	50	32500	August 5, 2016
23	CH	Sigma Plot 13 Software (1 Set) (10 User Licence)	246903.00	1	246903	31/01/2017 / Invoice No. SC/SSI-IND/2016-17/447
24		POLYMATH Educational Site Licence by CACHE Corporation, USA	US\$330 (1USD=65.38 Rs)	1	21575	March 24, 2017 Invoice No.6181
25		MS Office 2016 standard Edition (Academic)	3503.00	2	7005	November 2, 2016 LR / 000435 / 16-17
26	EE	MotorSolve Software V 5.1.1 Add-on Modules (a) Switched Reluctance Motor (SRM) (01 user perpetual license) (b) Brushed DC Motor (DCM) (01 user perpetual license) Make : Infolytica Corporation, Canada	270080.00	1	270080	January 30, 2017, TBSINV-16-17891
27		RT Lab 11.0.8.13 Along with OPAL RT Hardware in Loop (HIL) Set up OP4510 Real time Simulator	200000.00	1	200000	March 24, 2017, 049 / 2016 – 2017
Total of Software					732048 3	

Library-Learning Resources Added

The library during the year (April 2016 – March 2017) made significant progress in several areas.

- During the year (April 16 – March 17) 1303 books (worth of Rs.7, 87,099.72/-) were added to the Library and presently it has a collection of 47,372 books.
- It also received 230 journals and magazines (worth of Rs.5, 82,270/-) – 218 national and 12 international – in areas of Engineering, English, Mathematics, General Reading, etc. We have subscribed more than 725 e-journals (worth of Rs.1,13,95,767/-) of IEL Online, ASCE, ASME, Science Direct, and ACM Digital and e-database SCOPUS.
- The Library issued 62, 198 books and other documents to its members during the year and 98,979 users walked into the library during the year.
- The Library Resource Center provided book bank facility to the students of Institute of Technology. The main purpose of this service was to help the needy meritorious students. The book bank has a separate collection of 4, 615 books other than the library books. During the year, 446 students availed this facility and borrowed 2309 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 DSpace 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, Content pages of Print Periodicals and Newspaper Clippings through their Google Apps E-Mail ID from anywhere.
- Library has purchased Remote Login Software for accessing NU's e-resources outside the campus. Faculty members and Ph.D., PG & Final Year UG students are using NU's online and e-resources through Remote Login facility as per e-resource access policy and remote access policy. At present 176 Faculty members, 432 PG students, 160 UG students and 25 Ph.D. students are using this facility.
- Activities – Arranged Book Display during International Mother Language Day, TED Talks for Faculty Members, Library Orientation Program for students, Book Review Sessions, Book Exhibition, IEEE Webinar, Training Session – Mendeley and Science Direct, Author Interaction Session and Expert Talk on ORCID.
- From this year Library announces the name of Best Library user monthwise based on Library Visit and Library Circulation

Laboratory Facilities: Major Additions

Chemical Engineering

Sr.No.	Name of Equipment	Quantity	Date of Purchase	Amount Rs.
1.	Drop Point Apparatus	1	16-02-2016	9950/-
2.	Membrane Filtration Assembly	1	22-03-2016	39000/-
3.	Digital Polarimeter	1	23-03-2016	42710/-
4.	Standard Penetrometer	1	31-03-2016	9650/-
5.	pH with Conductivity Meter	1	31-03-2016	15000/-
6.	Labscale Atmospheric Gas Solid Reactor	1	21-10-2016	567500/-
7.	Vacuum Oven With Vacuum Pump	1	03-11-2016	49500/-
8.	Dual Axis Tracking System	1	22-11-2016	115600/-
9.	Refrigerated Circulating Bath	1	09-12-2016	99750/-
10.	High Temp. Wired sensor	1	13-12-2016	36500/-
11.	Peristaltic Pump	1	21-12-2016	28500/-
12.	Redwood Viscometer-II	1	17-01-2017	26429/-
13.	Digital Spectrophotometer	1	02-03-2017	24570/-
14.	Muffle Furnace with stabilizer	1	02-03-2017	41475/-
15.	Portable Sox and Nox Analyzer	1	09-03-2017	186500/-
16.	Sound-level Meter	1	12-01-2017	67078/-
			Total Expenditure:	Rs 13,59,712/-

Civil Engineering

Sr. No.	Name of Equipment	Sr. No.	Name of Equipment
1	Digital Nephelo Turbidity Meter	10	Longitudinal compressometer
2	Slump cone - 3 no.	11	Mortar mixer
3	Cover meter (profoscope)	12	Double acting hydraulic jack with digital pressure gauge - 2 no.

4	Resistivity meter	13	Transit vernier theodolite - 3 no.
5	Benkelman beam apparatus	14	Automation of shock table set
6	NI data acquisition system	15	Turbidity meter
7	Digital level-bar coded staff - 2no.	16	Acrylic chamber
8	Aluminium stand - 5 no.	17	Tensile test equipment
9	Pentax total station		

Electrical Engineering

Sr.No.	Name of Equipment	Amount
1.	Opal-RT Hardware in Loop Real Time Simulator (Hardware and associated software)	Rs.20,36,025/-
2.	Synchronous Generator DC Motor Set	Rs.54,862/-
3.	Digital Storage Oscilloscope(Two channel	Rs. 96,600/-
4.	Digital Storage Oscilloscope, Four channel- 100 MHz	Rs.1,25,625/-
5.	USB Emulator	Rs.1,07,610/-
6.	AC current clamp on probe	Rs.76,330/-
7.	Power Factor Correction Trainer	Rs.75,600/-
	Total	Rs.25,72,652/-

Electronics & Communication

Sr. No.	Name of Equipment	Bill Date	Qty	Amount Rs.
1	100 MHz Digital Storage Oscilloscope	24/02/2017	6	2,89,800/-
2	Mixed signal Oscilloscope	04/03/2017	2	1,40,349/-
3	USRP Board with 1 User Labview License (289800)	28/12/2016	1	92,616/-
	Total			5,22,765/-

Instrumentation & Control

Sr No	Item Description	Qty	Purchase date	Unit Cost Rs
1.	Source meter(current & voltage)	1	16/01/2017	Rs. 3,95,010/-
2.	AT89S51 Micro controller kits	5	15/12/2016	Rs. 30,625/-
3.	DAQ Cards	6	12/10/2016	Rs. 33,800/-
4.	SCADA software	4	9/2/2017	Rs. 1,04,425/-
5.	Control valve trainer kit	1	23/08/2016	Rs. 96,863/-
6.	Digital storage oscilloscope	1	28/03/2017	Rs. 26,900/-
7.	Level Measurement Trainer kit	1	21/03/2017	Rs. 66,937.50
8.	Digital Multimeter	6	23/08/2016	Rs. 47,250/-
9.	SCR Characteristics, R & RC triggering of SCR trainer kit	4	28/09/2016	Rs.22,000/-
10.	Flow measurement trainer kit	1	30/12/2016	Rs. 41,062.50
11.	Computerized Servo Control System	1	17/08/2016	Rs. 3,40,756/-
	Total			Rs. 1205629/-

Mechanical Engineering

Sr No	Name of Laboratory	Equipment/Software	Cost
1	CADCAM Center	NX Software	Rs.477600/-
2	CADCAM Center	3D Printer - Cube Pro Duo	Rs.380000/-

V. Student Support and Progression

Cut –off Percentage Marks- Category Wise

Cut-off Rank B.Tech Admission 2016

1. 35% All India Category				
Branch	First Admission		Last Admission	
	ITNU Merit No.	JEE (MAIN) 2016 All India Rank	ITNU Merit No.	JEE (MAIN) 2016 All India Rank
Computer Engineering	143	12159	398	23023
Mechanical Engineering	153	12673	1609	58936
Information Technology	401	23133	743	32770
E.C. Engineering	438	24371	1650	60149
Chemical Engineering	567	27732	2596	94106
Civil Engineering	572	27908	3559	133044
Electrical Engineering	808	34776	2343	84347
I. C. Engineering	1936	69523	4055	160583

2. 15% NRI / NRI Sponsored Category				
Branch	First Admission		Last Admission	
	ITNU Merit No	JEE (MAIN) 2016 All India Rank	ITNU Merit No	JEE (MAIN) 2016 All India Rank
Computer Engineering	9	NRI (SELF)	116	38689
Information Technology	14	NRI (SELF)	209	84886
Mechanical Engineering	67	NRI (SELF)	345	147898
Electrical Engineering	256	107031	771	447810
Civil Engineering	367	158941	895	596751
Chemical Engineering	327	138394	641	329124
E.C. Engineering	258	107681	483	222927
I. C. Engineering	518	242088	889	593053

3. 50% ACPC Category								
Branch	ACPC MERIT RANK 2016							
	OPEN		SC		ST		SEBC	
	First	Last	First	Last	First	Last	First	Last
Computer Engineering	144	679	2698	6507	29039	46541	675	2089
Information Technology	386	1332	3211	4262	40116	45358	2113	2954
Mechanical Engineering	374	2213	3609	5270	7547	29457	1091	3930
Electrical Engineering	1216	7325	4933	9113	10280	43064	4731	7322
Civil Engineering	446	9968	5648	10835	6039	21699	2996	7933
Chemical Engineering	652	3294	5061	9294	---	---	3271	4318
E.C. Engineering	717	4479	5855	20268	---	---	3944	10113
I. C. Engineering	2061	6031	12739	19018	---	---	4837	12907

M.TECH-2016-17

Sr. No	Branch	Sub Branch	Cut-Off				Admission Category		Grand
			GATE		Non-GATE		GATE	Non-GATE	Total
			First	Last	First	Last			All

1.	Chemical	EPD	0	0	25	15	0	09	09
2	Civil	CASAD	515	359	40	27	21	07+2	30
3	Computer	CSE	629	354	40	25	15	15	30
		INS	353	353	32	14	01	24	25
		NT	453	453	30	16	01	22	23
4	Electronics & Communication	COMMU	397	-	25	19	1	11	12
		EMBEDDED	487	374	26	11	5	25	30
		VLSI	667	350	27	18	12	18	30
5	Mechanical	CAD/CAM	390	351	32	18	5	25	30
		DESIGN	571	353	37	30	9	9	18
		THERMAL	577	352	36	24	10	20	30
6	Electrical	EPS	460	382	33/60	15/60	5	19	24
		PEMD	-	-	34/60	17/60	--	17	17
7	Instrumentation & Control	C&A	444	385	-	-	03	12	15
TOTAL									323

CUT-OFF MARKS
MCA -2016-17

Admission through ACPC

Sr. No.	Branch	CMAT Cut-Off		Grand
		First	Last	Total
1	MCA_SEM-1	155 (CMAT score)	-11 (CMAT Score)	ALL
		14 (ACPC rank)	2193 (ACPC Rank)	56
2	MCA_SEM-3 (LATERAL ENTRY)	180 (CMAT Score)	38 (CMAT Score)	14
		5 (ACPC Rank)	1277 (ACPC Rank)	
TOTAL				70

Admission on Vacant seat

Sr. No.	Branch	CMAT Cut-Off		Grand
		First	Last	Total
1	MCA_SEM-1	102 (CMAT Score)	44 (CMAT Score)	ALL
		130 (ACPC Rank)	Not registered in ACPC	04
2	MCA_SEM-3 (LATERAL ENTRY)	95 (CMAT Score)		01
		177 (ACPC Rank)		
TOTAL				5

Student Achievements

1. Amit Sharma, 13BCE110, won the prestigious computer society special prize at International Level in the mobile application development competition organized by IEEE on 16th August, 2016.
2. Yash Trivedi, 13BCE123, won the prestigious computer society special prize at International Level in the mobile application development competition organized by IEEE on 16th August, 2016.

3. Akarsh Agarwal, 13BCE005, was felicitated at Institute Level for standing First in III semester on 3rd October, 2016.
4. Shivam Patel, 16BCE081, was invited as a speaker at National Level at Ganpat University from 23rd to 25th December, 2016.
5. Shivam Patel, 16BCE081, received first prize at University Level for the event Technodysey-NewBi C Coder at IEEE-SB Nirma University in 2016.
6. Shivam Patel, 16BCE081, was invited as a resource person at National Level at St. Xaviour's, Ahmedabad from 27th to 30th December, 2016.
7. Yash Dave, 13BCE022, received first prize in ISTE Best Student Award at International Level at ISTE, New Delhi on 13th October, 2016.
8. Shubham Kalaria, 14BCE043, received second prize at National Level in group dance activity at N.R.Institute of Business Administration on 16th September, 2016.
9. Jaydeepsinh Meda, 14BCE062, received second prize at National Level in group dance activity at N.R.Institute of Business Administration on 16th September, 2016.
10. Jugal Shah, 15BCE050, received second prize at National Level in group dance activity at N.R.Institute of Business Administration on 16th September, 2016.
11. Akshay Parmar, 15BCE171, received first prize at National Level in Garba Competition organized by Orion Club by Devang Patel on 2nd October, 2016.
12. Param Popat, 15BCE095, received best photographer award at National Level, organized by GMUN (Gujarat model United Nations) on 26th June, 2016.
13. Akshay Parmar, 15BCE171, received third prize at University Level in Garba Competition, RAMAZAT, organized by Nirma University on 16th October, 2016.
14. Mantraraj Naik, 14BCE068, received second prize at International Level in International Diplomatic Conference at Mumbai, Maharashtra in 2016.
15. Binakaben Patel, 16MCEI14, received bronze medal at National Level in Kurash Championship held at Guwahati on 28th March, 2017.
16. Aaradhya Mehta (13BIT028) and his team won the prestigious computer society special prize in the mobile application development competition organized by IEEE on 16th August 2016.
17. Shiavm Shah (14BIT050) won First prize in chess competitions at institute level and nation level organized by ISA chapter, Nirma University on 1st and 3rd April 2016 and Department of Physical Education, SVNIT, Surat on 2nd -3rd February 2017 respectively.
18. Aishwarya Jain's (14BIT003) Project (edunova.io) procured 3rd place in Nasscom TechNgage Pune hackathon with a cash prize of 1 lakh INR and she was also selected under top 30 finalist for the last round from all over India for the same.
19. Naman Upadhyay (13BCL062) won 2nd prize for presenting paper titled "Cenosphere Based No Aggregate Floating Concrete" during National Conference on Smart Sustainable & Resilient Civil Infrastructure Development (SSRCID-2016) organized by Department of Civil & Environmental Engineering, The Northcap University, Gurgaon on 09th September, 2016.
20. Husain Rangwala won 1st prize for paper presentation during National Conference on Smart Sustainable & Resilient Civil Infrastructure Development (SSRCID-2016) organized by Department of Civil & Environmental Engineering, The Northcap University, Gurgaon on 09th September, 2016.
21. Raj Kansagara (15MCLC09) got "Student Best Paper Award" and Rs. 5000/- (Second prize) for the paper presented by him in International Conference Sankalchand University.
22. Paurin Shah (15MCLC26) won 3rd prize and Cash of Rs. 7000/- for presenting a paper titled "Torsional Strengthening of Beam Using Stainless steel wire mesh" in International Civil Engineering Symposium, IIT Bombay at AAKAR - 2017 on 4th - 5th March 2017.
23. Mr. Abhishek Chaubey(15BEE034),Mr. Harsh Agrawal(15BEE039) & Mr. Dhruvil Daftary (15BEE030) won best prototype award for their project "E-Hal" in Ignite-2017 at IIT, Gandhinagar in March-2017. They also won cash prize worth Rs. 15,000.
24. Mr. Vraj Shah(15BEE099) secured first position by presenting a business plan in competition "Social Startups of India" organized by IIT, Delhi.

25. Students of EC as a part of team Robocon secure the award for the Innovative design in National Robocon competition during March 3-5, 2017.
26. A team of IC department students won a National level Automation Competition for Students organised by Mitsubishi Electric India Pvt Ltd. and got Second prize worth Rs. 75000/-.
27. Aditya Shukla (12BIC002) student of semester VIII (IC), scored 09 AIR and qualify for GATE 2017.
28. Deep Patel (12BIC012) and Jwalant Bhatt (12BIC05) IC department student won outstanding student section project at ISA District 14 Automation India Week.
29. Ammar Gandhi (13BIC018) is doing B.Tech final semester project in IMEC laboratory, Belgium and getting 900 euro worth of stipend.
30. Harshit Bhadauriya (14MICC12), post graduate student of Control and Automation, IC Engineering won the best paper award for presenting paper titled “Development of a non-linear process control test and empirical investigation of control performance”, at National conference on process automation and control NCPAC 2016 organized by MNIT Jaipur during May 28-29, 2016.
31. Team Stallions participated in GTU ATV Championship 4.0 has secured overall 2nd position and has completed 59 laps in 2.5 hours without any breakdown. The team won the cash prize of Rs 30000/-
32. Team Stallions have secured **2nd position in Sledge Pull event in SAE India m-BAJA 2017** competition at Indore and won price of Rs. 50000/-
33. Team Stallions have secured **2nd position in Go Green Emission Award at SAE India m-BAJA 2017** competition held at Indore and won price of Rs. 50000/-
34. Mr. Bonny Dave (Roll No. 13BME019) was winner of EDR Design Competition 2016 held at EDR Design Institute, Rajkot.

Student Clubs in the Institute/Universities – Activities

Institute of Technology has established different students’ organizations and chapter of technical societies. These associations provide platform for 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 throughout year 2016-17. NuTECH, the national level technical symposium was jointly organized by all the students organizations during March 1- 2, 2017. The students also carried out social activities through Rotaract Club of Nirma University. All associations have arranged institute level activities encompassing sports, quizzes, workshops, fun zone etc.

Summary of Activities carried during last one year is given here below:

Sr. No.	Name of Student Organization/ Association/ Club	Department	Activity	Date	Level Institute /State/ National
1	Association of MCA Students	Computer Science and Engineering	Aptitude Class	01-Aug-2016 to 03-Sept-2016	Institute
			Treasure Hunt	03-Oct-2016	Institute
			Bol Boli Bol	03-Oct-2016	Institute
			Jo Jeeta Wohi Sikandar	03-Oct-2016	Institute
			Impromptu Speaking Game	03-Oct-2016	Institute
			C Fiesta	19-Nov-2016	Institute
			Tech Hunt	01-March-2016	Institute
			Cricket Tournament	03-April-2017, 05-April-2017 & 06-April-2017	Institute
Badminton Tournament	05-April-2017 to 06-April 2017	Institute			

2	Association of Computer Engineering Students	Computer Science and Engineering	Coding Competition 1	16 July 2016 to 17 July 2016	Institute
			Coding Competition 2	24 July 2016	Institute
			Coding Competition 3	04 Sept 2016	Institute
			Coding Competition – Foundation day	03 Oct 2016	Institute
			Sports Quiz	03 Oct 2016	Institute
3	Chemical Engineering Department (ChESA Activities)	Chemical Engineering	Chem O Wheels	01-March-2017	National
			Chemology	01-March-2017 & 02 Mar-17	National
			Problem Statement	01-March-2017	National
			Chemical Housie	01-March-2017	National
			Industrial Experience	01-March-2017 & 02-March-17	National
			DWSIM Workshop	02-March-2017	National
			MaChePhy	02-March-2017	National
			Community services 1. Vaccination camp 2 Raising funds for Civil Hospital Patients 3. Donating T-shirts to blind and handicapped persons	20-Oct-2016 & 21-Nov-2016 03-Oct-2016 09-Oct-2016	Department
Others: 1. Volunteering Service at Mohini Caterers 2. Teachers Day Celebration	03-Oct-2016 07-Sept-2016	Department			
4	Computer Society of India CSI (CSI)	Computer /IT Engineering	Seminar on coding and technical skills	25th January, 2017	Department
			C/C++ Interactive	20-Feb-2017	Department
			CUBIX'17	29-Mar- 2017 to 01-April-2017	Department
5	Electrical Engineering Students Association EESA	Electrical Engineering Department	Orientation programme for B.Tech First Year EE students	03-Aug-2016 & 04-Aug-2016	Department
			GyanAarambh 2016	03-Sep-2016 & 10-Sep-2016	Institute
			SCINTILLA-2017	20-Jan-2017 & 21-Jan-2017	Institute
	Electronics & Communication Organization	Electronics and Communication Dept	ECO Day	02-Sep-2016	Institute
			GEEK'S CRUSADE' for the fresher's batch of 2016	23-Aug-2016 & 24-Aug-2016	Institute
			Sweet Distribution	26-Oct-2016	Department
6	Invincible Leaders League	Maths and Humanities	Muskaan: The Joy of Giving (Cloth Donation Drive)	03-Oct-2016	National
			MaAd-MAD ABOUT AD	25-Feb-2016	National
7	INFOCRATS	Information Technology Dept.	Sports Quiz	03-Oct-16	
			Orientation-Introductory Programme	August 8, 2016	Department
			Tech-Hunt	March 1, 2017	Institute
			Void Fnx	March 1, 2017	Institute
8	ISA Students Chapter	Instrumentation & and Control	Technofora'17	01-Feb-2017 & 02-Feb-2017	National
			Visit to old age home	May 2016	Department

			Jeevansandhya		
			Orientation Program For B.Tech First Year Ic Students	August 2016	Department
			Workshop on Robotics	27-Aug-2016	Institute
7	OrCES civil Engineering Department	Civil Engineering	Extension Activity at Hiramani Oldage Home	09-April-2016	Department
			Farewell party for 2012-2016 batch	03-May-2016	Department
			Mock Placement	23-July-2016	Institute
			Expert Lecture on GD & PI	27-July-2016	Institute
			First Year Orientation	01-Aug-2016 & 02-Aug-2016	Department
			Seminar on career options after engineering	11-Aug- 2016	Institute
			Seminar on Utility of CAD Software in Professional Arena	31-Aug- 2016	Department
			Nirman' 16	08-Sept-2016	National
			Foundation Day Celebration(Divyang Talent performance & Tribute)	03-Oct-2016	Institute
			Expert talk on Safer Roads Safer India Campaign	15-Nov-2016	Department
			Safety and Traffic Awareness Program Obey the Rules –Think life think safety.	09-Mar-2017	Department
8	MESA Mechanical Engineering Student Association	Mechanical Engineering Department	AUTOCALYPSE' 17	13-Aug-2016 & 14-Aug-2016	District
			Praveg '16	17-Octo-2016 & 18-Oct-2016	State
			Know Your Army Campaign	17-Oct-2016 & 18-Oct-2016	Institute
9	Invincible Leaders League	Maths and Humanities	Muskaan: The Joy of Giving (Cloth Donation Drive)	03-Oct-2016	National
			MaAd-MAD About	25/02/2016	National
10	NUTECH 2017	All Departments National level Tech fest	The Tech-Fest of Institute of Technology, Nirma University was arranged by 14 various Student Organizations as a united event. Paper presentation, quizzes, technical workshops and Entrepreneurship workshop was organized.	March 1-2, 2017	National

Sports Activities

Sports Activity Report

Sr. No.	Event Organized	Duration	No. of Participants (Approx.)
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1	Nirma Cup	Lawn Tennis	September 2016	19
		Table Tennis		71
		Basket Ball		122
		Chess		78
		Basket Ball Cup		70
		Volley Ball Cup		100
2	Annual Sports Day	Chess	April 4-6, 2016	425
		Carom		
		Table Tennis		
		Tug of War		
		Athletics		
3	Nirma Cup	Basketball	March 2017	70
4	M. Tech. Cricket League		February 2017	128

Highlights:

- The students participated in state and national level sports meet throughout the year
- Team of students from IT-NU participated in All India West Zone Inter University Basket Ball and Tournament during October 22 to 26, 2016 at University of Rajasthan, Jaipur
- Team of students from IT-NU participated in All India West Zone Inter University Chess Tournament October 22 to 26, 2016 at Barkatullah University, Bhopal.

1. Student Achievements in Sports 2016-17

Student: Fenil Shah (13BCL099)

1. Dates : January - March 2017
Name of Tournament: Online Arena Open Chess Tournament
Result: Completed all Formalities and secured the Arena Grand Master Title (AGM), A Big Achievement in Game of Chess
2. Dates: 28-29 March
Details: Top 6 Players of Gujarat Were chosen for a Coaching camp with World's Best Chess Author and International Grand Master from Scotland, Jacob Aagard. Top Seed Player of Gujarat in the camp

Youth Welfare and Cultural Activities

Cultural Activity Report (2016-17)

Sr. No.	Event Organized	Duration	No. of Participants (Approx.)	Short Description of the event
1	Vaudeville- 2016*	September 15 & 16, 2016	390	A cultural event organized by IT-NU Students
2	RAMZAT 2016	October 15, 2016	1421	Garba Night Post Navratri
3	Youth Exchange Programme - Visit of Group of South Korean Youths	September 26, 2016	9	Group of 9 students from different department participated in the event.
4	Patriotic Song Competition 2016	August 20, 2016	21	Students and Faculty from different department participated in the event.
5	Photography	January 20,	41	A Photography Competition

	Competition 2017	2017		followed by a photography exhibition
6	One Act Play	January 31, 2017	18	One Act Play Organized for all the Institutes.
7	NUZEAL	January 31,2017 to February 1, 2017	147	University Level Cultural Symposium
8	Shaheed Divas Celebration – 2017	March 23, 2017	550	An event organized to pay tribute to all the freedom fighters and Martyrs who have lost their lives for the freedom of country and safety of its citizens. The event included a series of Lectures by the eminent guests to motivate patriotism in the hearts of students of NU.

Events Organized under Vaudeville – 2016

<ul style="list-style-type: none"> • Beat It (Solo Dance) • Lets Rumbaa (Duet Dance) • Step Up Infinity (Group Dance) • Don't Hesitate Lets Debate • Vaudeville On Air (RJ Show) • Street Play (Nukkad) • Antra – Classical Instrument, Classical Vocal, Classical Dance 	<ul style="list-style-type: none"> • Shayarana – Words of Soul (Poetry/Shayari) • Gulaal (Rangoli) • Chitra Kalakkar (On spot painting) • Make it Noddy (Cartooning) • The Poster Look (Poster Making) • Kar College • The voice of Nirma (Solo Singing) • Harmony (Duet Singing) 	<ul style="list-style-type: none"> • Nautanki (Drama) • Mono Acting/Mimicry • Prank Video • Photography • Mr. and Miss ITNU • Staff Performance
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No. of extra-curricular activities organized in collaboration with other agencies on Campus
Performance in Sport Activities

Annexure A: Events at Inter – Institute and Inter-University and Participation in Inter-University/State/All India Level Competitions

Annexure B: Results Result Inter-Institute Games 2016-17

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 (exams as applicable to respective institutes like: NET, SLET, CAT, TOEFL, GRE, G-MAT, IELTS, GATE, etc.)

Name of Examination	Number of Students
GATE	86
CAT	35
Other (GRE, TOEFL, IELTS)	86

Alumni Association Activities Supporting Students

❖ **Alumni Meet at Dubai & Singapore:**

Dr. Mehul R Naik, Associated Professor, EC Engg. Dept. organized an Alumni Meet on April 16, 2016 at Dubai and on November 26 at Singapore. The meets were well attended and alumni were briefed about the developments at ITNU and were encouraged to contribute to the development of the institute.

❖ **Alumni Meet at Bangalore:**

NITAA Alumni meet was held on August 28, 2016 in Bangalore. The Meet was attended by Dr N P Gajjar, Dr. Mehul Naik, , Dr. Zunnun Naramwala, & Dr. Ankit Thakkar, and more than 60 Alumni members. It has created great networking among alumni and they were informed about the progress and development of Nirma University as a whole. The meet was followed by dinner and a fun filled party.

Annual General Meeting & Get-together

17th Annual get together of NITAA was held on 7th January 2017 at Nirma University campus. The event received more than 550 participation 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 Vice president Dr. N.P.Gajjar (Professor, EC Department).

❖ **NITAA Awards**

NITAA has given Best Alumni Awards (Dept. wise) on its Foundation day on 3rd October 2016. In the current year 9 awards were given. The details are as under:

Sr. No.	Department Name	Name of the Alumni/Batch
1.	Information Technology	Mr. Bhupendra Tripathi
2.	Computer Engineering	Mr. Dhruvil Sanghvi
3.	Chemical engineering	Mr. Moksha Udani
4.	Civil Engineering	Mr. Utsav Shah
5.	Mechanical Engineering	Mr. Bhavin Dabhi
6.	Master of Computer Applications	Mr Sanket Thakkar
7.	Electrical Engineering	Mr Prashant Gadhvi
8.	Electronics and Communication	Mr Deep Mehta
9.	Instrumentation and Control	Mr Murtaza Gandhi

❖ **NITAA Scholarship**

In the current financial year 2016-17, NITAA has given scholarships to 11 needy students of B. Tech. and MCA first year (based on merit cum means). The scholarship is continued in the subsequent year if student fulfill the required criteria laid down by the NITAA. In addition, 10 numbers of scholarships were renewed for higher semester students and distributed on Foundation day on October 3, 2016. Total scholarship worth Rs. 4,40,000/- was given.

Alumni Association – Activities Supporting Students

Department	Type of Activity	Date	Brief Details of the Activity
CE	Expert Lecture	September 26, 2016	Prof. Maitrik Shah, Assistant Professor Indus University, Ahmedabad delivered a talk on Career Guidance for students of B.Tech Sem.3 rd of CE and IT.
	Expert	September	Mr. Samir Motwani, RapidOps Solutions Pvt Ltd,

	Lecture	14, 2016	Ahmedabad delivered a talk on Industry Expectation for students of B.Tech Sem. 5 th of CE and IT.
	Expert Lecture	October 22, 2016	Mr. Bhupendra Tripathi, Manager RBI, Ahmedabad delivered a talk on Crossing barriers for around 50 students of different branches of Institute of Technology.
	Expert Lecture	February 19, 2016	Mr. Abhishek Desai, Founder Digicorp Pvt Ltd, Ahmedabad delivered a talk on Industry Expectations
	Expert Lecture	April 9, 2016	Mr. Dhruvil Sanghvi, delivered a talk on How to start a startup – From a NIT Alum perspective for students of Institute of Technology
	Expert Lecture	November 1, 2017	Mr. Vipul Nandaniya, CEO at Evolution 9, delivered a talk on Opportunities and growth in IT industry for students of B.Tech Sem. 6 th IT and Sem. 2 of M.Tech (NT).
	Expert Lecture	February 22, 2017	Mr. Shubham Pachori, Principal Full Stack Engineer, Logistixian Technologies Pvt. Ltd. delivered a talk on How to engineer habit forming products for students of B.Tech Sem. 6 th CE.
	Expert lecture	March 28, 2017	Mr. Zoher Surka, Sr. Member of Technical Staff, Tibco Software, Pune, delivered a talk on A recruiter's perspective to a professional resume for students B.Tech Sem. 6 th of CE.
	Seminar	March 3, 2017	Mr. Aarsh Shah, System analyst at Morgan Stanley, Mr Saurabh Gohil (Application Engineer, Oracle JDEdwards Product Dev.), Mr. Ankit Shah (Software developer at Playpower Labs) and Mr. Vinit Shah (Software Engineer at Asteria Aerospace Pvt. Ltd.) conducted seminar on Placement Readiness for B.Tech CE/IT/EC/IT Sem. 6 th students.
Chemical	Alumni Interaction	January 19, 2016	Mr. Sumit Kapde, Alumnus, Chemical was arranged for B.Tech Sem. 6 th students
	Expert Lecture	August 3, 2016	Mr. YVNS Suvikram delivered a talk on "Effects and importance of Temperature, pressure and flow parameters in an industrial process" for B.Tech Sem. 5 th students.
	Expert Lecture	August 12, 2016	Mr. Moksh Udani, Founder and Managing Director of Lewens Labs Pvt. Ltd. delivered a talk for B.Tech Sem. 5 th and 7 th students
	Expert lecturer	August 12, 2016	Mr. Rachit OZA, Assistant Manager – Projects, Roquette Riddhi Siddhi Private Limited delivered a talk on "Choosing an alternative career" for B.Tech Sem. 3 rd students
	Alumni Interaction	September 17, 2016	Mr. Binoy Shah, GET at TECHNOFORCE interacted with B.Tech Sem. 7 th students
	Expert lecture	March 6, 2017	Mr. Rachit Oza delivered a talk on Starch Chemistry and Technology for B.tech Sem. IV students
	Expert lecture	March 10, 2017	Mr. Darshan Solanki delivered a talk on Investor Awareness Programme for B. Tech Sem. 6 th and M.Tech Sem. 2 nd students
	Workshop	March 2, 2017	Mr. Rahul Jain conducted a workshop on DWISM software for simulation during NUTECH for Chemical Engg. Students
	Alumni Interaction	February 2, 2017	Mr. Ayush Jain interacted with students and delivered a talk on Career Guidance for B.Tech Sem. 4 th Students
Civil	Expert	June	Mr. Haish Jakhmola, Manager, L & T Power, Vadodara

	lecture	28,2016	(Alumni) delivered a talk on Challenges in Thermal Power Plant Construction
	Expert Lecture	June 30, 2016	Mr. Laxman Rajwani, Consultant, Rajwani Consulting, Mumbai (Alumni) delivered a talk on Marine Structures: Design & Construction
	Expert Lecture	August 22, 2016	Mr. Anushrav Bhatt, Arbitrator, Nirntar Group, Ahmedabad (Alumni) delivered a talk on Arbitration and other Acts for students of B.Tech Sem.7 th
	Expert Talk	January 23, 2017	Mr. Parth Makwana (Alumni) delivered a talk on Building Information Modelling (BIM) for students of B. Tech, sem-6
	Alumni Interaction	January 24, 2017	Mr. Harsh Rathod, Ph.D. student, University of Victoria, British Columbia, Canada (Alumni) interacted with students and shared his experience of Studies and Research Work conducted at University of Victoria for students of M.Tech Sem.2
	Expert Lecture	February 17, 2017	Mr. Harish Jakhmola (Alumni) delivered a expert talk on Slip form work techniques for students of B. Tech, Sem-6
Electrical	Alumni Interaction	August 23, 2016	Mr. Pulkit Mathur, Alumnus (Batch 2014), Application Engineer, Bosch Rexroth, Bangalore interacted with students of B. Tech Sem. 3 rd EE.
	Expert Lecture (Alumni Interaction)	August 30, 2016.	Mr. Chirag Chauhan, Alumnus (Batch 2005 M.Tech.) proprietor of Enlec Solution, Ahmedabad delivered an expert talk "Importance of Energy Conservation in India for Sustainable Growth" for M.Tech student of (EPS and PEMD)
	Expert Lecture (Alumni Interaction)	October 22, 2016	Prof. (Dr.) Amit Sant, Alumnus (M.Tech. Batch 2005-2007), Assistant Professor, PDP, Gandhinagar Gandhinagar delivered an expert talk on "Reduced converter topology for unified power quality conditioners" to students of M.Tech. (EPS and PEMD)
	Alumni Interaction	January 06, 2017.	Mr.Pranshu Upadhyay, EE, Alumnus (Batch 2007), Pursuing Ph. D interacted with students of B.Tech Sem. V on importance of internship in professional life, need of goal for future and importance of pursuing masters or higher studies.
	Alumni Interaction	January 17, 2017	Mr. Kirtan Davda, EE, IT – NU Alumnus (Batch 2015), presently pursuing MS interacted with B.Tech Sem.4 th students on importance of internship in professional life and importance of pursuing masters or higher studies
	Alumni Interaction	January 24, 2017	Mr. Naman Rawal, EE, Alumnus (M.Tech. 2009 Batch) presently working as an Assistant Manager, Xylem Water Solutions India Pvt. Ltd interacted with B.Tech Sem. VI students on "Importance of Projects in enhancing subject knowledge and enabling students to get jobs"
	Alumni Interaction	March 14, 2017	Mr. Jwal Trivedi, EE, IT – NU Alumnus (Batch 2015), Electrotherm, India interacted with M.Tech. Sem. II students on interaction was "Power Supply unit for Induction Furnace."
	Alumni Interaction	April 18, 2017	Mr.Himanshu Chauhan, EE, Alumnus, presently working at Electrotherm, India interacted with B.Tech. Sem. VI students on Desired Interpersonal Skills for Recruitment

			Process.”
EC	Expert lecture	13 th August 2016	Shri. Sarang Upadhyay from E-infochips delivered a talk on system Verilog for the B. Tech in EC students (Sem-VII)
IC	Expert lecture	January 16, 2017.	Mr. Chinmay Shah, MSEE, University of Houston, USA, Alumni IC section of IC department delivered lecture on “Renewable energy sources with Control”
IT	Expert lecture	February 20, 2017	Mr Manan Thakkar (Solution Architect, Indusaa) delivered an expert talk Perspective Analytics for B.Tech IT 6 th Semester students
	Expert lecture	February 27, 2017	Mr Karan Kurani (Founder, DoctorC) delivered an expert talk Entrepneuership and Further study for 6th Semester B.Tech IT Students
Mechanical	Alumni Interaction	April 08, 2016	Mr. Bhavin Dabhi Partner, Universal Designovation labs, Rajkot Product design and Entrepreneurship interacted with students of B.Tech Sem. V students
	Expert Lecture	July 10, 2016	Mr. Prahar Anajaria, Chairman Prtham Educare Pvt.Ltd delivered an expert lecture Introduction to Entrepreneurship, success stories and case studies for B.Tech Sem.V students

Activities of Guidance and Counselling Unit

- A structured mentoring policy is adopted for the students, under which, two mentoring sessions per semester is arranged for the students.
- Every year a counselling session for the students of UG semester V and PG semester I is arranged to guide them for the selection of the elective subjects.
- Regular counselling of students is carried out by the faculty members. Issues discussed are technical difficulties, social problems and coping up with the peer pressures. Students are guided and motivated to overcome the said problems.
- Students are motivated to take up research assignments and/or industry related work based on the interest observed during the counselling.

Placement services to students

Campus placement has been one of the milestones of Nirma University. Placement of the students in the right kind of job opportunities is an endorsement of educational excellence in the respective field. 74.75% of B Tech and 29.85% of PG (M Tech+ MCA) students of 2017 batch passing out students from Institute of Technology, Nirma University have bagged lucrative offers from National and International recruiters.

Till date, 101 companies have already participated in the current batch placement process. So far the highest pay offered to the 2016-17 batches is about **Rs 14.92 lacs** per annum Average package offered this year is **Rs 4.55 lacs** per annum. Organizations that visited the campus are from diverse profiles like—IT, Electronics, Telecom, Pharmaceuticals, Market Research, and Consulting to Heavy Engineering, NGO, R&D and Design.

Under Graduate

Branch	Total Number of Students Registered 2017	Total Number of Students Appeared 2017	Total Number of Students Placed 2017	% of Placement 2017
Civil	131	62	12	19.35

Chemical	55	48	36	75.00
Mechanical	132	93	69	74.19
Electrical	137	113	90	79.65
EC	127	78	68	87.18
IC	64	45	34	75.56
IT	69	54	41	75.93
CE	138	109	100	91.74
Total	853	602	450	74.75

Post Graduate

Branch	Total Number of Students Registered 2017	Total Number of Students Appeared 2017	Total Number of Students Placed 2017	% of Placement 2017
MCA	67	35	19	54.29
M Tech Power System	25	10	3	30.00
M Tech PEMD	22	8	1	12.50
M Tech EPD	9	9	0	0.00
M Tech CASAD	30	25	1	4.00
M Tech VLSI	27	25	0	0.00
M Tech Comm.	24	8	6	75.00
M Tech Embedded	30	6	4	66.67
M Tech Thermal	26	6	0	0.00
M Tech CAD CAM	29	9	2	22.22
M Tech CIM	8	2	1	50.00
M Tech Design	17	5	2	40.00
M Tech CE	26	11	8	72.73
M Tech NT	28	20	5	25.00
M Tech IC	8	4	0	0.00
M Tech INS	30	15	8	53.33
M Tech Energy	6	3	0	0.00

Annexure -A

Annual Report of Sports-activities
(April 2016 - March 2017)
Institute of Technology
Nirma University
Events at Intra-Institute Level

Sr. No.	Name of Activity/ Event	Date & Duration	Category Co-curricular/ Extra-	Organising Club/ Committee	No. of student participants		Winner's Name- Event Wise	Short Description of the event
					M	F		

			curricular/ Social					
1	Nirma Cup '16 (Chess)	08/09/2016 to 23/09/2016	Extra-Curricular	Nirma Sports Association(IT)	74	04	<ul style="list-style-type: none"> ▪ Civil(Boys) ▪ Shikha Agarwal(Girls) 	Inter branch Chess event in which a team of 5 students from each department is selected for final event.
2	Nirma Cup' 16 (Table Tennis)	08/09/2016 to 20/09/2016	Extra-Curricular	Nirma Sports Association(IT)	66	05	<ul style="list-style-type: none"> ▪ EE(Boys) ▪ Neha Saxena, Jayati Pandya (Girls) 	Inter branch Table Tennis Singles and Doubles event in which a team of 4 from each department compete with one another
3	Nirma Cup – Lawn Tennis	17/04/2017 to 20/04/2017	Extra-Curricular	Student Welfare, IT	16	03	<ul style="list-style-type: none"> ▪ Chemical(Boys) ▪ Jayanti Pandya(Girls) 	Inter branch Lawn Tennis Singles event in which a team of 5 students from each department is selected for final event.
4	Nirma Cup' 16 (Basket Ball)	12/11/2016 to 18/11/2016	Extra-Curricular	NSA	70	-	IC	Inter branch Basket Ball event in which a team of 12 students from each department is selected for final event.
5	Nirma Cup' 17 (Basket Ball)	23/03/2017 to 30/03/2017	Extra-Curricular	NSA	70	-	Civil Engineering	Inter branch Basket Ball event in which a team of 12 students from each department is selected for final event.
6	Coaching Camp Basket Ball	14/09/2016 to 28/09/2016	Extra-Curricular	Student Welfare, IT	30	10	--	15 day Basket Ball Coaching Camp
7	Nirma Cup' 16 (Volley Ball)	09/09/2016 to 24/09/2016	Extra-Curricular	Nirma Sports Association (NSA)	100	--	EC Branch	Inter branch Volley Ball event in which a team of 12 students from each department is selected for final event.
8	Annual Sports Day' 16	4/10/2016 to 6/10/2016	Extra-Curricular	Student Welfare, IT	350	75	Submitted to Student Welfare (Some events under athletics and team games were left due to unfavourable conditions)	Annual Sports Day with various Athletics Events as Submitted to Student Welfare
9	Techno Cup' 17	18/02/2017- to	Extra-Curricular	Nirma Sports Association	128	0	Mechanical Engineering	Tennis ball cricket

(Cricket)	05/03/2017		(NSA)					tournament between 8 Branches of ITNU.
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Participation in Inter-University/State/All India Level Competitions

Sr. No.	Name of Activity/ Event	Date & Duration	Category Co-curricular / Extra-curricular / Social	Organizing Club/ Committee	Type of event Intra/ Inter Institute	No. of student participants		Winner's Name- Event Wise	Short Description of the event
						M	F		
1	West Zone Inter-University Basket-Ball (Boys) tournament	22/10/2016 - 26/10/2016	Extra-Curricular	University of Rajasthan, Jaipur	All India Level	08	N/A	Participated	-
2	West Zone Inter-University Chess Tournament	22/10/2016 - 26/10/2016	Extra-Curricular	Barkatullah University, Bhopal	All India Level	04	N/A	Team 7th out of 51 team in India	Scored 9/9 in AIU. Player of the Tournament. Individual Gold Medal on 1st Board
3	PDPU Sports Event 'PetroCup'	16/02/2017 - 20/02/2017	Extra-Curricular	Pandit Deendayal Petroleum University	Inter - University	65	27	Winner Team Girls: Lawn Tennis Table Tennis Volleyball Winner Team Boys: Table Tennis Volleyball	Basketball: Runners Up Badminton: Participated Chess: Semi Finalists Basketball: Runners Up Lawn Tennis: Semi Finalists Cricket: Participated
4	Ignis'16 (SVNIT All India Engineering Sports Fest)	1 - 3 April 2016	Extra-Curricular	Surat, India	Inter-University	01	-	Position Gold Medal (1st)	Awarded Player of Tournament Award with full score

5	Concours'16 (Annual Sports Fest of DAIICT)	11-13 November 2016	Extra-Curricular	Gandhinagar, India	Inter-University	01	-	Gold Medal (1st)	Highest score ever in history of Concours with 15/16 (Individual Score: 5/5)
6	Desportivos'17 (All India Sports Fest)	20-22 January 2017	Extra-Curricular	LNMIIT College, Jaipur	Inter - University	04	-	Gold Medal (1st)	Broke the winning streak of Host Team past 5 years
7	State Level Green Hub Chess Tournament	28-29 January 2017	Extra-Curricular	Rifle Club, Ahmedabad	State level	01	-	Gold Medal (1st)	Scored 6/7 in Above 35 Age Category (Seniors Open)
8	Vibes'17 (Institute of Law Sports Fest)	3-5th February 2017	Extra-Curricular	Nirma University, Ahmedabad	Inter-Institute	02	-	First Runners Up (2nd)	
9	Justice League'17 (GNLU Sports Fest)	11-13 February 2017	Extra-Curricular	GNLU College, Gandhinagar	Inter - University	04	-	Gold Medal (1st)	Defeated Two International Rated Players
10	Gujarat State Open Chess Selection For National Challengers	23-27 February, 2017	Extra-Curricular	Rifle Club, Ahmedabad	All-India	01	-	Gold Medal (1st)	Unique Record Unleashed being first person in Gujarat to win all State Open from U-7,9,11,13,15, 17, 19, 25 and now Open Category and selected for Nationals at Ahmedabad
11	Ignis Sports Fest (SVNIT All India College Fest)	31March- 2April	Extra-Curricular	Surat. India	Inter - University	04	-	Runners Up (2nd)- Team Event Gold Medal (1st)- blitz Individual Event	Player of The Tournament, Winner of Gold Medal at First Board and Blitz event

Sports Activity Summary Report

2. Annual Sports Meet (Team)

I. Cricket(Boys): Winner: Institute of Management(IMNU), Runner-Up: Institute of Technology (ITNU)

- II. Volleyball(Boys): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Management(IMNU)
- III. Football (Boys): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Management(IMNU)
- IV. Carom(Boys): Winner: Institute of Management(IMNU), Runner-Up: Institute of Architecture and Planning(IAPNU)
- V. Carom(Girls): Winner: Institute of Architecture and Planning(IAPNU), Runner-Up: Institute of Management(IMNU)
- VI. Chess(Boys): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Technology(ITNU)
- VII. Chess(Girls): Winner: Institute of Law (ILNU), Runner-Up: Institute of Management(IMNU)
- VIII. Table Tennis(Boys Singles): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Technology(ITNU)
- IX. Table Tennis(Girls Singles): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Architecture and Planning(IAPNU)
- X. Table Tennis(Boys Doubles): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Management(IMNU)
- XI. Table Tennis(Girls Doubles): Winner: Institute of Technology(ITNU), Runner-Up: Institute of Management(IMNU)

3. Student Achievements in Sports 2016-17

Student: Fenil Shah (13BCL099)

- 1 Dates : January - March 2017
Name of Tournament: Online Arena Open Chess Tournament
Result: Completed all Formalities and secured the Arena Grand MAster Title (AGM), A Big Achievement in Game of Chess
- 2 Dates: 28-29 March
Details: Top 6 Players of Gujarat Were chosen for a Coaching camp with World's Best Chess Author and International Grand Master from Scotland, Jacob Aagard. Top Seed Player of Gujarat in the camp

Nirma University
Students' Welfare Activities

Annual Sports Day Celebration 2016-17
Result Inter-Institute Cricket (Boys) 2016-17

Sr.No.	Rank	Name of the Player	Roll No	Institute		Rank	Name of the Player	Roll No	Institute
1	First	Shitanshu Gupta	151351	IMNU		Second	Gaurang Rathod	16MCEC16	ITNU
2	First	Aman Marwaha	151210	IMNU		Second	Gaurang Patel	15BIT011	ITNU
3	First	Aman Vijay	151211	IMNU		Second	Dhruv Solanki	14BEE116	ITNU
4	First	Abhishek Salunke	151203	IMNU		Second	Chaitanya Tandel	12BCH013	ITNU
5	First	Aman Jain		IMNU		Second	Pradhuman Bagadi	15BCL086	ITNU
6	First	Rushabh Shah	151345	IMNU		Second	Nandish Badani	14BME061	ITNU
7	First	Shubham Koolwal	151447	IMNU		Second	Abhishek Mehta	15BCL003	ITNU
8	First	Anubhav Vijayvargiya	161110	IMNU		Second	Nishith Vagjani	14BME062	ITNU
9	First	Rajat Dosi	161442	IMNU		Second	Abrar Mansuri	16BEC093	ITNU
10	First	Nikhil Shah	161435	IMNU		Second	Viraj Gopale	14BIC015	ITNU
11	First	Shubham Ghotankar	161358	IMNU		Second	Prince Kasundra	13BCL041	ITNU
12	First	Soumya Jain	161460	IMNU		Second	Akash Gupta	14BIC002	ITNU
13	First	Rushabh Jajal		IMNU		Second	Milan Patel	15MEEP15	ITNU
14	First	Faique Sadique	161315	IMNU		Second	Divik Lodha	14BCL031	ITNU
15	First	Arth Ganatra	137107	IMNU		Second	Harsh Naik	13BCL130	ITNU

Nirma University
Students' Welfare Activities

Annual Sports Day Celebration 2016-17
Result Inter-Institute Volleyball (Boys) 2016-17

Sr.No.	Rank	Name of the Player	Roll No	Institute	Rank	Name of the Player	Roll No	Institute
1	First	Patel Milankumar Yogeshbhai	15MEEP15	ITNU	Second	Jaymin Shah	151121	IMNU
2	First	Marwadi Harnish	13BCL052	ITNU	Second	Aman Marwaha	151210	IMNU
3	First	Priyadarshi Dhairya Jagdishbhai	12BEC076	ITNU	Second	Dhruv Desai	161119	IMNU
4	First	Agarwal Mayank	14BCL060	ITNU	Second	Shitanshu Gupta	151351	IMNU
5	First	Thakor Abhijitsinh Rajendrasinh	15MMET27	ITNU	Second	Hardik Patel		IMNU
6	First	Pandey Vikas Kameshwar	16BEE120	ITNU	Second	Madhur Agrawal	161228	IMNU
7	First	Bhavsar Rushabh Deven	16MMET01	ITNU	Second	Ajay Patel	151206	IMNU
8	First	Solanki Mehulkumar Ishvarbhai	16BEC177	ITNU	Second	Sanchit Kariwala	151150	IMNU
9	First	Patel Amar Harishbhai	15MMEN02	ITNU	Second	Gaurav Verma	161219	IMNU
10	First	Lad Niravkumar Vinodbhai	15MMCM04	ITNU	Second	Prashant Purohit	161140	IMNU
11	First	Makwana Ajay Kalubhai	15MMET11	ITNU	Second	Sparsh Shrivastava	161462	IMNU
12	First	Desai Jeet Mihir	15MEEP06	ITNU	Second	Janak Sarda	161322	IMNU

Nirma University
Students' Welfare Activities

Annual Sports Day Celebration 2016-17
Result Inter-Institute Football (Boys) 2016-17

Sr.No.	Rank	Name of the Player	Roll No	Institute		Rank	Name of the Player	Roll No	Institute
1	First	Yash Parashar	14bme133	ITNU		Second	Simarjeet Singh Dhillon	147151	IMNU
2	First	Prayag Jani	16bme045	ITNU		Second	Tanuj Roy	147155	IMNU
3	First	Vimal Patel	16bic047	ITNU		Second	Shivang Verma	147143	IMNU
4	First	Hast Patel	15bec044	ITNU		Second	Sanchit Verma	137151	IMNU
5	First	Keval Desai	13bic018	ITNU		Second	Deepam Sama	147135	IMNU
6	First	Sujay Dasgupta	13bee114	ITNU		Second	Manav Gogia	147118	IMNU
7	First	Rushabh Shah	13bee106	ITNU		Second	Akash Chaddha	157204	IMNU
8	First	Soumil Pandey	16bme079	ITNU		Second	Bharat pal singh	157112	IMNU
9	First	Aarsh Patwa	14bme001	ITNU		Second	Sunny Devmurari	167255	IMNU
10	First	Kavish Ganesh	16bch029	ITNU		Second	Prajwal jhala	167237	IMNU
11	First	Shubham Sindkar	14bee112	ITNU		Second	Harmeet acharya	167122	IMNU
12	First	Maulik Shah	13bch033	ITNU		Second	Tanish Banvat	167256	IMNU
13	First	Divy Khamesra	15bee032	ITNU		Second	Shivam patel	147142	IMNU
14	First	Varun Goenka	15bec123	ITNU		Second	Dharmit mistry	167216	IMNU
15	First	Dhruv Panchal	15bec031	ITNU		Second	Jay nayak	167226	IMNU
16	First	Trushil Joshi	13bch021	ITNU		Second	Akshat jain	147106	IMNU

Nirma University

Students' Welfare Activities

Details of Certificate & Trophies of Inter Institute Team Games (Boys) 2016-17

S.No	Event	Prize	Boys			Girls		
			Reg.No.	Name of Winner	Institution	Reg.No.	Name of Winner	Institution
1	Carom	I	151229	Harshit Arun	IMNU	16BAR012	Diksha Jain	IAPNU
			151145	Ravi Joshi	IMNU	16BAR058	Mitali Jain	IAPNU
		II	16BAR32	Rushiraj Dev	IAPNU	151107	Apoorva Rajvanshi	IMNU
			16BAR14	Tirth Patel	IAPNU	161123	Hetal Shah	IMNU
2	Chess	I	13BCL099	Fenil Shah	ITNU	15BBL043	Aishwarya Sharma	ILNU
		II		Krunal	ITNU	161357	Shreya Surekha	IMNU
3	Table Tennis (Singles)	I	14BEE107	Shikhar Choksi	ITNU	13BEE061	Neha Saxena	ITNU
		II	15BME003	Abhishek Jain	ITNU	15BAR75	Vidhi Thakkar	IAPNU
4	Table Tennis (Doubles)	I	14BEE107	Shikhar Choksi	ITNU	13BEE061	Neha Saxena	ITNU
		I	15BME003	Abhishek Jain	ITNU	14MEEP11	Jayati Pandya	ITNU
		II	151229	Harshit Arun	IMNU	161425	Harshita Badiyal	IMNU
		II	161119	Dhruv Desai	IMNU	161334	Nehal Parwal	IMNU

Nirma University
Students' Welfare Activities

Result of Inter-Institute Athletics 2016-17

Sr. No.	Events	Rank	Boys			Girls		
			Reg No.	Name	Institute	Reg No.	Name	Institute
1	Shot-Put	1 st	14BIT011	Mohinish Daswani	ITNU	15MMB041	Divya Padia	ISNU
		2 nd	14BAR20	Kush Desai	IAPNU	14BAR36	Swara Desai	IAPNU
		3 rd	15BAR77	Vishesh Bhagia	IAPNU	16MPH103	Dhruvi Solanki	IPNU
2	Discus Throw	1 st	14BBL016	Shivendrajit Singh	ILNU	16BAL082	Kajal Nayak	ILNU
		2 nd	15BPH073	Rahul Shukla	IPNU	16MPH203	Dhwani Patel	IPNU
		3 rd	16BAR060	Viraj Sonani	IAPNU	14BAR36	Swara Desai	IAPNU
3	Javelin Throw	1 st	16BBL038	Rajvardhan Singh	ILNU	15BBL033	Madhusmita Patel	ILNU
		2 nd	15BEE170	Paresh Rathod	ITNU	14BAR36	Swara Desai	IAPNU
		3 rd	14BME062	Nishith Vagjani	ITNU	16BAR42	Udeshika	IAPNU
4	100 Meter Run	1 st	14BCE076	Arth Patel	ITNU	154149	Saloni Gandhi	IMNU
		2 nd	13BAL081	Harshad Joshi	ILNU	15BBL033	Madhusmita Patel	ILNU
		3 rd	14BAL109	Dhairyaditya Rathore	ILNU	16BBL039	Resham Thakkar	ILNU
5	400 Meter Run	1 st	14BAL109	Dhairyaditya Rathore	ILNU	14BAR36	Swara Desai	IAPNU
		2 nd		Meet Patel	ITNU	16BBL039	Resham Thakkar	ILNU
		3 rd	16BAR049	Charuvadana Dwivedi	IAPNU	-	-	-
6	800 Meter Run	1 st	14BEE087	Kurven Patel	ITNU	-	-	-
		2 nd	16BBL026	Nehal Thimmiah	ILNU	-	-	-
		3 rd	16BEE098	Sarvaiya Bhagirath	ITNU	-	-	-
7	1500 Meter	1 st	13BAL081	Harshad Joshi	ILNU	-	-	-

	Run	2 nd	14BEE087	Kurven Patel	ITNU	-	-	-
		3 rd	16BBL026	Nehal Thimmiah	ILNU	-	-	-
8	4 x 100 Meter Relay	1 st	13BAL081	Harshad Joshi	ILNU	154149	Saloni Gandhi	IMNU
			14BAL109	Dhairyaditya Rathore	ILNU	161305	Aishwarya Suresh	IMNU
			16BBL028	Mohit Agarwal	ILNU	164149	Sahibakaur Kohli	IMNU
			15BAL077	Binayak Subudhi	ILNU	147112	Esha Raste	IMNU
		2 nd	14BCE076	Arth Patel	ITNU	15BBL033	Madhusmita Patel	ILNU
			14BCL010	Archeisman Basu	ITNU	14BBL048	Ritika Sharma	ILNU
			16BME045	Prayag Jani	ITNU	16BBL039	Resham Thakkar	ILNU
		3 rd		Meet Patel	ITNU	14BAL139	Manila Bishnoi	ILNU
			15BAR43	Samay Chevli	IAPNU	11BEE067	Varsha Razdan	ITNU
			16BAR055	Bhavya Arora	IAPNU	16BEC070	Vidhi Shah	ITNU
			14BAR11	Harsh Ladani	IAPNU	16BEE037	Priyanka Kumari	ITNU
			15BAR50	Harshil Patel	IAPNU	16BIT033	Rashmi Kumari	ITNU
9	Long Jump	1 st	14BAL109	Dhairyaditya Rathore	ILNU	15BBL033	Madhusmita Patel	ILNU
		2 nd	14BCL010	Archeisman Basu	ITNU	14BAR36	Swara Desai	IAPNU
		3 rd	14BPH034	Jeet Lariya	IPNU	15BPH016	Ankita Joshi	IPNU
10	High Jump	1 st	15BAR43	Samay Chevli	IAPNU	16BAR42	Udeshika	IAPNU
		2 nd	15BME120	Jinay Tandel	ITNU	15MBT025	Aakanksha Shah	ISNU
		3 rd	13BAL081	Harshad Joshi	ILNU	12BPH091	Swaleha Khambhatwala	IPNU

Institute
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Outstanding Achievements and Important Activities:

Awards and Recognitions:

Awards

B-School with Excellent Industry Interface by World CSR Day and World Sustainability Congress in association with Ananda Bazaar Patrika (ABP) Group on 23rd June, 2016 at Mumbai.

Rankings

Ranked 27th best B-School and published in Business Today, December, 2016.

Ranked 1st among the Top Private B-School in Gujarat State by CSR-GHRDC, November 2016.

Ranked 4th best Private B-School in the Super Excellence Category by CSR-GHRDC B-School Survey and published in Competition Success Review, November 2016.

Ranked 14th among Top Private B-Schools in India by The Week Hansa Research Survey, October 2016.

Ranked as the 15th best B-school by Education World, May 2016.

Convocation 2016

Nirma University, Ahmedabad, organized its 21st Annual Convocation on April 18, 2016. The Chief Guest, Mr. John A. Fry, President of Drexel University, Philadelphia addressed the convocation. Over 500 students were awarded degrees for successful completion of their courses. Besides, 18 scholastic medals were given to the students for securing highest ranks in their respective Programmes as token of appreciation for their achievements. Dr. Karsanbhai Patel took pride in asserting that Nirma University had set up a new benchmark in the education system and prepared the students to take up the challenges of the new age and grow up to their potential.

Executive Diploma Award Ceremony 2016

The Executive Diploma Award Ceremony of Seventeenth Batch (EDP 2015-16) was held on Saturday, December 17, 2016 at Institute of Management, Nirma University. Mr. Sanjay Kumar, Vice President HR at HITACHI Ltd. was the chief guest on the occasion. 25 participants were awarded Executive Diploma with specialization in Operations Management. The Institute of Management had started the Executive Diploma Programmes (EDP) in year 1999 to fulfil the needs of the working executives, managers and entrepreneurs. The Programme focuses on updating the participants on latest developments in the areas of management, and preparing them to take higher responsibilities in their organizations. The Executive Diploma Programmes are offered in area of Finance, Marketing, International Business and Operations Management specializations.

Conference

6th Annual Conference on Quality Management

The Institute organized the subject conference jointly with American Society for Quality (ASQ) Local Member Community Ahmedabad on 26-27 November 2016. The theme of the conference is "Lean Imperatives: Lessons for Indian Organizations". The Chief Guest Mr. Hans Bangert,

Managing Director, Bosch Rexroth India; Guests of Honour Mr. Denis Devos, (Vice Chair, QMD, ASQ USA); Ms Stephanie Thompson, Chair Elect, Phoenix Section, ASQ USA, Dr Anup Singh, Director General; Mr Ciby James, Director, ASQ India, among others inaugurated the Conference.

The Conference also witnessed the presentation of 35 live case studies by the senior executives from various organizations including ABB, Adani Port, APAR, BTPS, Dresser Rand, Ford, Gujarat Alkalies & Chemicals, Gulbrandsen, HDFC Bank, Hindustan Coca Cola, Hitachi Hi-Rel, L&T, Lupin, Polycab, Reliance, Rotex Automation, Solution Analysts, Sabarmati Gas, Tata Chemicals, TCS, Welspun, Zydus, among others.

As the pre-conference activities, two special workshops have been scheduled on ISO 9001:2015, and on Minitab for Research by Mr. Denis Devos, and Mr. Madhu Madhvan-CEO, QSutra-Minitab respectively on Saturday, 26th November.

NICOM 2017

The 20th Nirma International Conference on Management (NICOM) was organized by Institute of Management, Nirma University during January 5 to 7, 2017. The central theme of the Conference was “**Contemporary Marketing: Concept, Practice & Method**” and had number of sub-themes. In total, 195 abstracts, and 120 full papers were received from India and abroad, mainly from the countries like Rwanda and Bangladesh. The papers were sent for two rounds of blind review and thereafter, based on the feedback, selected papers were published in two books as Conference Proceedings with ISBN number by Excel India Publications, New Delhi. The Conference had total registrations of 128 delegates. A total of 138 papers were presented by the participants in 30 track sessions organized over the period of three days. In addition to the inauguration and valedictory sessions, there were three plenary sessions addressed by reputed national speakers.

The conference was inaugurated on January 5, 2017. The chief guest of the inaugural session Mr. M.G. Parmeswaran, Brand Strategist, Founder at Brand-Building.com and former CEO, FCB Ulka threw light on the role that emotional advertisements play in attracting consumers and discussed the changes that need to be brought forth in social and digital marketing under the ambit of contemporary marketing. The Guest of Honour for the occasion, Mr. Tarun Arora, COO and Director, Zydus Wellness Limited further emphasized upon the fact that consumers had become more expressive and demanding than ever before and thus consumers were no longer mere recipients but were also involved along with the marketer in brand creation. Thus, special emphasis on data analytics must be applied to successfully reach the target segment. The inaugural function was also graced by Padma Shri Dr. Karsanbhai K. Patel, President, Nirma University.

Anvesh 2016: Doctoral Research Conference in Management

Institute of Management, Nirma University, Ahmedabad under the aegis of its Doctoral Programme in Management organized Doctoral Research Conference in Management in April 2016. The conference had 4 workshops, 12 track sessions with 49 presentations and 6 research clinics, over the two days. It had received 91 abstracts 41 full Papers which were accepted for publication after a blind review.

Dr. Arvind Sahay, Professor from IIM Ahmedabad delivered the inaugural address. He talked about the latest trends in consumer behavior, one of them being neuroscience. The track sessions and research clinics were in the area of Economics & Finance, Marketing Management, Human Resource Management & Organizational Behaviour, Operations Management and General Management. For research clinic six experts were invited. Dr. A.C. Brambhatt and Dr Vivek Suneja for Marketing

area, Dr. R. J. Mody and Dr. Tara Nair for Finance & Economics area and Dr. D. M. Pestonjee & Dr. Dutta Roy for Organizational Behaviour & Human Resource Management area.

Apart from track sessions and research clinics, as a part of conference, four expert sessions were organized. Dr. Dutta Roy, Asst. Professor, Indian Statistical Institute – Kolkata delivered expert lecture on ‘Designing Questionnaire for Doctoral Research in Management.’ He discussed at length some pertinent issues related to questionnaire design. Dr. M. Mallikarjun Professor, Institute of Management, Nirma University, Ahmedabad, imparted useful insights on ‘Preparation of Research Proposal’. The session was quite useful for the naïve researchers. Dr. A. C. Brambhatt, Research Mentor, Pandit Deendayal Petroleum University, Gandhinagar, delivered expert lecture on ‘Defending Research Proposal’. The session saw some interesting deliberations on points to be considered while defending research proposal. Dr. Vivek Suneja Professor, Faculty of Management Studies, Delhi University, delivered a very interesting session on ‘The Philosophy of Research’.

Delegates from across the country participated in the conference. The conference had participants from Mehsana, Udaipur, Gandhinagar, Aligarh, Jamshedpur, Pune, Bhopal, Rajkot, Pune, Mumbai, Bangalore, Ajmer, Bhilai and Delhi. The two days conference concluded with valedictory session, whereby best paper prizes were declared. First Prize was awarded to Punita Dhansingh Rajpurohit for the paper titled ‘Prediction of Industrial Sickness: A Study of BIFR Companies’. Second Prize was awarded to Dhyani Mehta for the paper titled ‘Behaviour of Indian Saving and Investment: An Empirical Investigation of Keynesian and Classical Debate’. Third Prize was awarded to Yamini Chandra for the paper titled ‘Perception of Entrepreneurial Orientation, Aspiration and its Impact on Emotional Wellbeing: Challenges for the Future Entrepreneurs’.

Conclaves

Utkrishta – 2016: The Management Conclaves – September 11, 2016

Utkrishta 2016, 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 at 9:15 AM on 9th September, 2016, with the theme, “Emerging Management Practices”. The industry is witnessing a rapid change in the way management practices are being offered to the public. The conclave thus sought to provide a platform to eminent stalwarts of the business world to share their valuable experiences and opinions on the developments in the management sector.

The inaugural address was delivered by Mr. Saurabh Soparkar, Senior Advocate at Gujarat High Court. After a short briefing given by Mr. Saurabh Soparkar on Goods and Services Tax (GST) bill, a short video on Nirma University was played in the auditorium. Speakers like Mr. P. A. Padmanabhan, Senior Vice President at Zydu Cadila, Mr. Yogesh Shah, DGM & Rating Head of CARE Rating Agency, Mr. Hemendra Shah, President(Finance), Sadbhav Engineering Ltd., Mr. Kamal Kishore Taparia, Independent Director at M/s D. S. Kulkarni Developers Ltd. and M/s Universal Construction Machinery & Equipment, and advisor at Binani Cement Ltd., Ms. Lubna Khan, National Strategy Head at Orchard Advertising (Leo Burnett Group), Mr. Suraj Kumar Sharma, Head marketing at MTR Foods Pvt Ltd, Mr. Samak S. Chakrabarti, MD at Social Quotient, Mr. Roy Joseph holds the position of VP – HR & Services at MRF Ltd. and Mr. Yogesh Nene, Manager – HR, Employee Services at Atos India Dr. Col. Naveen Malhotra, CHRO & Group President at Sintex Industries Ltd. addressed the students.

Aarohan -2016

Institute of Management, Nirma University, has organised its annual BBA-MBA Conclave, Aarohan- Inculcate, Illumine, Inspire on 16th and 17th December, 2016. The conclave was organised by Aditya Vat, the Co-Curricular Committee of BBA. The theme for this conclave was Work Culture and Environment. On the first day of the event, eminent personalities who graced

the occasion were Mrs. Taruna Singhi, Miss. Priyanka Parikh, Mr. Satyendra Gaur and Miss. Pavithra Chandra.

Mrs. Taruna Singhi is the founder and Director at Tauras, a company exporting home furnishings made up to USA, Europe and Japan. She is also a founder and is actively involved in running AddressHome, a high end retail brand of luxury home goods.

Miss. Priyanka Parikh is working as a Senior Associate at KPMG- a financial accounting consultancy firm. She is a technical lead on various Indian Accounting Standards assignments and an acting CFO.

Mr. Satyendra Gaur is the Vice President of HR at Adani Wilmar Limited. He has an experience of more than 22 years in the field of Human Resources across diverse industries with expertise in Strategic HR, People Management, Learning and Development and Employee Relations.

Miss. Pavithra Chandra is the CEO at B7 Sports Management, Bengaluru. B7 is involved in Sports Consulting as well as Sports Event Promotion & Management. Having served as a Director for Operations & Events at the Paralympic Committee of India, Miss Pavithra led communications with Commonwealth Games 2010 (CWG) Organizing Committee held in New Delhi.

Pratidhwani - The Alumni Conclave 2017

The 4th Alumni Conclave of the Institute of Management, Nirma University was held on 4th Feb, 2017. 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 prepare its students for the grueling corporate world.

The theme for Pratidhwani, 2017 was “**Uncertainty is the new Normal**”. The theme captured the current scenario where the world is experiencing increasing disruptions that have created uncertainties in every sector. The aim was to address the need for leaders and managers to formulate strategies that enable their organizations to sustain and grow in the face of these uncertainties.

The structure for the conclave was panel-based comprising of 5 panels - Marketing, Finance, Operations, Entrepreneurship and Human Resource. The conclave started at 9 am. It was inaugurated by the Entrepreneurship panel consisting of some of the most respected alumni of Institute of Management, Nirma University, namely, Mr. Amol Bhagwati, Mr. Nishith Modi and Mr. Sharad Kumar. The next session on Marketing, started around 11:00 AM. The three guests for the session were Mr. Sapan Oza, Mr. Vaibhav Kathju and Mr. Rajat Dang. The plenary sessions on Operations kicked off with a lecture from **Mr. Chintan Mehta** (1998-00 batch). Mr. Mehta is the DGM (Pre-sales & Delivery) at Code Solutions, which is the IT Division of GNFC Ltd. The second lecture of the session was taken up by **Mr. Rakesh Kumar**. A graduate of the 2010 batch, Mr. Kumar is the Manager of Strategic Sourcing and Supply Chain at Suzuki Motor Gujarat Pvt. Ltd. The post-lunch session was kicked off with the Finance panel, the guests for which were Mr. Saurav Gupta, Mr. Hrishikesh Deshmukh and Mr. Kshitij Johari. Commencing the HR panel discussion was **Mr. Sumit Bhatnagar** (1999-01 batch), Vice President, Human Resources, at Wells Fargo. Lastly, **Mr. Shiv Kiran Nath** (2002-04 batch), Business Head, Human Resources, at Apollo Health and Lifestyle, shared his insights with the audience

Dignitaries Visited

A total of 9 dignitaries visited the Institute at different occasions during the year 2016-17. The details are provided under Section II.

Public Lecture

Mr. B. Ashok, Chairman, Indian Oil Corporation Ltd. has visited the Institute and delivered a Public Lecture on 'Hydrocarbon Value Chain Scenario' as part of Public Lecture Series on 1st October 2016.

I. CURRICULAR ASPECTS

New Courses being offered

The Institute introduced two new courses during the year as per the following details:

- (1) Design Thinking : MBA (FT) Programme
- (2) Managerial Skills : BBA-MBA Programme

New Interdisciplinary Courses

The Institute offered the Minor Specialization courses to the students of faculties of Technology & Engineering in the Areas of Finance and Marketing. Besides, the Institute also offered the University Electives to the students of other than Management Discipline. The details of the courses are:

Minor Specializations:

Marketing Area:

- | | |
|--|--------------------------|
| (1) Marketing Management | (2) Consumer Behaviour |
| (3) Integrated Marketing Communication | (4) Sales & Distribution |

Finance Area:

- | | |
|--------------------------------|-------------------------------|
| (1) Corporate Finance | (2) Finance & Cost Accounting |
| (3) Project Planning & Control | (4) Direct-Indirect Tax |

University Electives:

- | | |
|--|--|
| (1) Indian Economy | (2) Fundamentals of International Business |
| (3) Introduction to Strategic Management | |

No. of Courses Where Major Revisions were done

The Institute made the major revisions in the syllabus of the following number of courses during the year:

- | | | | |
|----|--------------------------------|---|------------|
| 1. | MBA (FT) & MBA (FB&E) | : | 05 Courses |
| 2. | BBA-MBA (Five Year Integrated) | : | 03 Courses |

Any other Initiative/Innovation in curricular design

The Institute introduced a provision of International Immersion in Summer Internships for MBA (FT) and BBA-MBA (Integrated) Programme. In that, the students have an option to go for International Immersion for duration of 5-7 weeks abroad following by 2-3 weeks for preparing the internship/immersion report as an alternative to the domestic Summer Internship. The International Immersion can also be done by undergoing a course in foreign country for the same duration.

II. TEACHING – LEARNING AND EVALUATION

Faculty completed/pursuing Ph. D

No. of Faculty Pursuing Ph.D. (2016-17)		No of Faculty Completed Ph.D. (2016-17)	
Name of Faculty	Designation	Name of Faculty	Designation
Prof. Khyati Shah	Assistant Professor	Prof. Nikunj Patel	Assistant Professor
Prof. Naresh Poturaju	Assistant Professor	Prof. Ritesh Patel	Assistant Professor
Prof. Nirmal Soni	Assistant Professor	Prof. Milan Shah	Assistant Professor
Prof. Niyati Dave	Assistant Professor		
Prof. Balkrishnan Unny	Assistant Professor		

Innovation in Teaching - Learning & Evaluation

The Teaching –Learning and Evaluation is continuous updated with the latest development.

Activities to sustain healthy practices

- Various Enrichment Programmes for the students were organized.
- Regular meetings of the faculties at Programme level were held for the faculties teaching in different Programmes.
- Regular weekly meetings of all the faculties are held to discuss the issues of general concern.
- Regular attendance and academic progress of the students were monitored.
- Efforts were made to ensure that students interact with industry at different forums.
- Various student activities were initiated and organized.

Exam Reforms Implemented

The Institute follows the University Norms related to the Examinations (reforms)

Number of faculty development programmes availed by faculty

International Conference	National Conference	Workshop/ Seminar/FDP/ Training
23	7	69

Number of faculty development programmes organized by the Institute

Report of Faculty Development Programmes organized in 2016-17:

Following FDP were organized in the year 2016-17

Sr. No.	FDP Programmes completed	Coordinator/s	Dates	Duration	No. of Participants
1	Case Method and Case Writing	Prof. Shantanu Mehta	16/04/2016 to 30/04/2016	15 days	36
2	Insights on Big Data	Prof. P K Yadav	09/12/2016 to 10/12/2016	2 day	20
3	OBE Workshop	ADR Cell	08/04/2016 to 09/04/2016	2 days	2

Invited/Endowment Lectures

Sr. No.	Name of Organisation	Name of the Guest Faculty	Designation	Date	Topic of the lecture
1.	Future Retail Ltd.	Mr. Sanju Thakur	Zonal HR Head	01/07/2016	Emotional Intelligence
2.	IIM Ahmedabad	Mr. Apoorv Nagpal	Visiting Faculty	15/07/2016	Innovation
3.	Wagh Bakri Tea	Mr. Parag Desai	Executive Director	18/07/2016	Inaurural Address (Induction Programme – BBA-MBA)
4.	Suzuki Motor	Abhay Joshi	Heading Human Resource & Administration Department	22/07/2016	Excellence and best practices in the Manufacturing Sector
5.	Omnicom Media Group	Amit Lall	AVP	26/08/16	Landscape and opportunity in Mobile Marketing
6.	SBI Life	Varsha Mondkar	Head-HR & Management Services	7/10/2016	Quality and Continual Improvement
7.	GIFT, Gandhinagar	Pankaj Sampat	VP Planning	7/10/2016	A perspective on GIFT development
8.	Bajaj Auto	Maharana Ray	Head – HR	14/10/2016	Trends and challenges in automobile sector
9.	Camp Corp USA	Denis Devos	Vice Chair Global, ASQ Quality Management Division	25/11/2016	Make in India? Not without Quality!
10.	Camp Corp USA	Stephanie Thompson	Quality Manager	25/11/2016	Make in India? Not without Quality!
11.	Castrol India	Mr. Aditya Datar	Regional Manager	26/11/2016	
12.	TETRAS and INDOSAC	Satish Joshi	Director	10/2/2017	Managing Two Diverse Democracies: Special Case Switzerland & Incredible India

13.	Reliance Industries Ltd.	Satyajit Iyer	Senior Vice President & Head – Talent Acquisition Group	17/02/2017	Corporate Expectations
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Non-Teaching Staff Development

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

No.	Name	Date	Organization	Programme
1.	Ms. Monita Shastri	13 – 17 June 2016	Information & Library Network Centre, G’Nagar	Participated in the Advance Training Programme on Bibliometrics and Research.
2.	Ms. Pragna Prajapati	6 August 2016	INFLIBNET, G’Nagar	Participated in Librarians Day 2016 Seminar on ‘Emerging Trends in LIS Research and Ethics’
3.	Mr. Indranil Banerji	8 – 9 September 2016	NHRDN, New Delhi	Participated in conference on ‘NHRDN 4 th HRM Summit’
4.	Ms. Monita Shastri	18 February 2017	VNSB Ltd. Arts & Comm. College, Vadnagar	National Conference on “Literature, Social Science, Regional Studies and Management Practices”
5.	Ms. Monita Shastri	2- 4 March 2017	IIT, Gandhinagar	International Conference on “Changing Landscape on Science and Technology Libraries”
6.	Ms. Pragna Prajapati	2- 4 March 2017	IIT, Gandhinagar	International Conference on “Changing Landscape on Science and Technology Libraries”
7.	Mr. Rakesh Trivedi	2- 4 March 2017	IIT, Gandhinagar	International Conference on “Changing Landscape on Science and Technology Libraries”
8.	Mr. Amit Amin	13 – 18 June 2016	Nirma University	Staff Development Programme
9.	Mr. Devang Pandya	13 – 18 June 2016	Nirma University	Staff Development Programme
10.	Mr. Mihir Pandit	13 – 18 June 2016	Nirma University	Staff Development Programme
11.	Mr. Harichandrasinh Chavda	13 – 18 June 2016	Nirma University	Staff Development Programme
12.	Mr. Sahdevsinh Jadeja	13 – 18 June 2016	Nirma University	Staff Development Programme
13.	Ms. Sujatha Pillai	13 – 18 June 2016	Nirma University	Staff Development Programme
14.	Ms. Nikita Patel	13 – 18 June 2016	Nirma University	Staff Development Programme
15.	Mr. Nitin Patel	21–26 November 2016	Nirma University	Staff Development Programme

16	Mr. Maqsd Shaikh	21-26 November 2016	Nirma University	Staff Development Programme
17	Ms. Sushila Swamy	21-26 November 2016	Nirma University	Staff Development Programme
18	Mr. Vishal Sutariya	21-26 November 2016	Nirma University	Staff Development Programme
19	Mr. Nimit Modh	21-26 November 2016	Nirma University	Staff Development Programme
20.	Mr. N. S. Babu	21-26 November 2016	Nirma University	Staff Development Programme
21.	Ms. Pinky Nimbark	21-26 November 2016	Nirma University	Staff Development Programme

III. RESEARCH, CONSULTANCY AND EXTENSION

Research Projects

(c) Minor Research Project funded by Nirma University during:

Financial Year	Completed		New Research Projects (Sanctioned / Ongoing)	
	Number	Amount	Number	Amount
2016-17	5	13,969	7	3,83,240
2015-16	9*	0	5	1,90,800

*includes the projects dropped due to resignations of the faculty members.

Number of Teachers allowed to participating 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
2016-17	7	7,874	24	1,72,142
2015-16	7	50,259	17	2,00,058

Details

New Research Projects (University funded)

Ongoing Research Projects

S. No.	Name of Applicant	Title of the Project	Duration	Project Cost in Rs
1	Prof. Parag Rijwani & Prof. Jayesh P. Aagja	Investor's Behaviors towards Mutual Fund Investing with reference to Investors in Gujarat	1 Year	30000
2	Dr. Chetan A. Jhaveri	Modeling Performance measurement of Service Organizations using Data Envelopment Analysis (DEA)	1 Year	100000

3	Dr. Sameer Pingle & Dr. Jayesh Aagja	Succession Planning in Family Owned Businesses	1 Year	60000
4	Prof. Deepak Danak & Prof. Nikunj Patel	Study on Efficiency of Stock Futures Market in India	1 Year	99440
5	Dr. Shahir Bhatt & Prof. Amola Bhatt	Teaching Learning Entrepreneurship: An Impact Study	1 Year	21000
6	Prof. Nirmal C. Soni & Prof. Naresh Poturaju	Negative Externalities Caused by Aesthetic Pollution (Environmental Economics)	1 Year	32800

Research Projects Completed

No	Investigator	Title	Duration	Amount
1	Prof. Mahesh K.C. & Prof. Dhiren Jotwani	Robust Methods for Income Distribution Models	12 Months	21000.00
2	Prof. Reena Shah	A Study of HR Practices and Issues in Gaglani Metal Industries in Ahmedabad	12 Months	17800.00
3	Dr. Ashwini Awasthi & Dr. Sunita Guru	Needs and Barriers of Online Shopping – An Exploratory Study of Indian Shoppers	12 Months	34000.00
4	Prof. Nina Muncherji	Employee Work Passion : Creating a Motivating Work Environment	9 months	73000.00
5	Prof. Nityesh Bhatt	Study of Devotees and Prasadalya Management at Shri Sai Baba Temple, Shirdi (Approved in 2016-17)	5 Months	40000=00

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

Financial Year	Department	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
2016-17	IMNU	08	---	----	20	---	---
2015-16	IMNU	29	---	---	17	---	---

Summary

Research Publication by faculty:

Publication in National Journals

No.	Name of authors	Research Paper	Name of Journal	Volume No.	Page No.	Month and year of publication	ISBN / ISSN No. of the Journal
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1.	Prof. Indu Rao	Use of Technology for Improved Products and Services	Vyaapaar Expert : CRISP (Indo-German Initiative), Dept of Technical Education, GOI			2016	
2.	Prof. Amola Bhatt & Prof. Shahir Bhatt	Micro-financing with SEWA Bank; Bringing Women to the Mainstream Economy	Amity Business Review	17		June, 2016	
3.	Prof. Monaz Parekh	Performance Management System Vs Performance Appraisal – The help of Technology in the Transformation Process	Vyapar Expert			December, 2016	
4.	Prof. Rajesh Jain & Prof. Sanjay Jain	Evolution of GMP in Pharmaceutical Industry	Research Journal of Pharmacy and Technology 10(2)	10(2)	501-507	February, 2017	0974-3618 (Print)
5.	Prof. Monali Chatterjee	Mirroring the Blues of the Imperial Society : A Short Study of a Translation of Dinabandhu Mitra's Play Neel Darpan	International Journal of Humanities in Technical Education	2	77-83	July, 2016	2454-8537
6.	Prof. Mahesh K. C.	SB-Robust Estimation of Mean Direction For Some New Circular Distributions	Statistical Paper, 2016		Online	December, 2016	0932-5026, 1613-9798
7.	Prof. Niyati Dave	Role of Technology in Development of Alternative Finance in India: A Discussion, Optimization	Journal of Research in Management	9		2016	09740988
8.	Prof. Rajesh Jain	Early Estimation of Crop Sown Area by Integrating Multi-Source Data	Journal of Geomatics	10	80-88	2016	0976-1330

Publications in International Journals

Sr. No.	Name of authors	Research Paper	Name of Journal	Volume No.	Page No.	Month & year of publication	ISBN / ISSN No. of the journal
1.	Prof. Nikunj Patel	Performance Evaluation of Indian Public and Private Sector	International Journal of Applied Financial Management Perspectives	5	2348-2357	April-June, 2016	2279-0896 (Print) 2279-090X (Online)

		Banks using Camel Framework					
2.	Prof. Amola Bhatt	Women Empowerment in Rural Gujarat – A Cases Study of Kaira Social Service Society	Samvad International Journal of Management	10		May, 2016	
3.	Prof. Shahir Bhatt and Prof. Amola Bhatt	Segmenting Private Label Shoppers	International Journal of Customer Relations	4	30-39	October, 2016	2320-7515
4.	Prof. Shahir Bhatt and Prof. Amola Bhatt	FDI in e-Commerce Market place Model : Issues and Challenges	South Asian Journal of Socio-Political Studies (SAJOSPS – An International Journal)	17	78-81	July-Dec, 2016	0972-4613
5.	Prof. Pawan Chugan	A Study of Effect on the Efficiency in Manufacturing Organizations: The Application of RFID Technology	Universal Journal of Industrial and Business Management			May, 2016	
6.	Prof. Ritesh Patel	Performance evaluation of Indian public and private sector banks using camel framework	International Journal of Applied Financial Management Perspectives			June, 2016	
7.	Prof. Ritesh Patel	Merger and Acquisitions-the Game of Profit and Loss: A Study of Indian Banking Sector in Researchers World	Journal of Arts, Science and Commerce	VII	92-100	July, 2016	2231-4172
8.	Prof. Deepak Danak	Shareholder Response to Research & Development Expenditure: A Study of Pharmaceutical Industry	AIMS International Journal of Management			January, 2017	1939-7011
9.	Prof. Dhiren Jotwani	Ease of Doing Business in selected major Indian States : Does Bank Credit Lead to Productivity ?	Amity Journal of Management Research			May, 2016	
10.	Prof. Naresh Poturaju	Identification of Profitable Segment from Indian Cash and Future Market	International Journal of Advanced Scientific Research and Management			March, 2017	
11.	Prof. Khyati Shah	Understanding the Income Declaration Scheme, 2016	AAGAM-International Journal of Humanities, Social Science, Management & Technology	2	6-11	September, 2016	2454-1567

12.	Prof. Ritesh Patel	The Dynamic Interrelationships and Co-movement among the selected International Stock Markets	International Journal of Applied Financial Management Perspectives			September, 2016	
13.	Prof. P. K. Chugan	The Role of Human Resources in New Transfer Pricing Regime	AIMS Journal of Management	2	59-69	July, 2016	2395-6852
14.	Prof. Reena Shah	Work-Life Balance: State Interventions in India	Pacific Business Review International			June, 2016	
15.	Prof. Reena Shah	Demystifying 'Selfie': A Rampant Social Media Activity	Journal of Behaviour & Information Technology			July, 2016	
16.	Prof. Sapna Parashar	Multichannel Shopping Behaviour with Special Reference to Apparels	ELK Asia Pacific Journal of Marketing and Retail Management	7	21-31	November, 2016	Online (2349-2317, (Print 0976-7193)
17.	Prof. Sapna Parashar	Work Demand Pattern Analysis for MGNREGA: with Special Reference to 18 Indian States	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development			February, 2017	
18.	Prof. P. K. Chugan	Visual Merchandising and Consumers Behaviour: Comparison between Two Product Categories	GBATA's International Conference		311-318	October, 2016	1-932917-12-8
19.	Prof. P. K. Chugan	Impact of Type of Export Finance on Firms' Export Profitability: A Study of Industrial Clusters in Gujarat, India.	GBATA's International Conference		89-96	October, 2016	2471-6006
20.	Prof. Nina Muncherji	Teaching Note: The Decisive Moment!!!: Suraj's Dilemma	ECCH (The Case Centre), UK: Case Study			March, 2017	417-0023-8

- Citation index of faculty member and impact factor : **Data not available**
- National journals – refereed Articles/papers – **06**
- International conference, National conference/Seminar including abstracts: **57**

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

Books published: 06

Sr. No.	Name of the Faculty Member	Name of the Book	Name of the Publisher	ISBN Number	Year of Publication
1.	Prof. Sapna Parashar, Prof. Jayesh Aagja & Prof. Tripurasundari Joshi	Services in Emerging Markets	Excel India Publisher	978-93-86-256-33-1	2017
2.	Prof. Tripurasindari Joshi, Prof. Jayesh Aagja & Prof. Sapna Parashar	Consumer Behaviour & Contemporary Marketing Strategy	Excel India Publisher	978-93-86-256-92-4	2017
3.	Prof. Ashwini Awasthi & Prof. Shahir Bhatt	Research Trends in Economics, Finance and Human Resource Management	Excel India Publisher	978-93-8577-44-8	2017
4.	Prof. Ashwini Awasthi & Prof. Nikunj Patel	Research Trends in Marketing Management and General Management	Excel India Publisher	978-93-85777-45-5	2017
5.	Prof. Indu Rao	Introduction to Organization Behaviour	McGraw Hill Education (India) Pvt. Ltd.		2017
6.	Prof. Rajesh K. Jain, Mr. Himanshu Trivedi	Lean Imperatives Lessons from Indian Organizations	American Society for Quality India Private limited, New Delhi	978-81-930216-2-0	November, 2016

(I) Chapter in Books : 37

(II) Case Studies : 08

(III) Articles (Refreed) : 15

Awards and Recognitions (Institute/Department/Faculty)

Faculty Achievements

- 1. Sameer Pingle** - Best Young Teacher Award - AIMS Ramaswamy P Aiyar Best Young Teacher Award, (28th August 2016)
- 2. Prof. Sameer Pingle** - Academic Excellence Award-2016 by Higher Education Forum (HEF)
- 3. Prof. Sameer Pingle** - Best Associate Professor of the Institute for Overall Performance, 2016 by Nirma University.
- 4. Prof. Deepak Srivastava** - Nominated to IIM, Ranchi, Governing Board.

Internal Resources Generated: The details are appended below:
(Consultancy, MDP/Programme for industries, any other)

Management Development Programme (In -House) 2016-17

Sr. No	Name of the Programme	Date	Programme Leader	Participants	Amount
1	Total Dealership Management Programme for Indian Oil Corporation Ltd.	July 18-19, 2016	Prof. Nityesh Bhatt	24	2,40,000
2	Total Dealership Management Programme for Indian Oil Corporation Ltd.	August 12-13, 2016	Prof. Nityesh Bhatt	23	2,40,000
3	Total Dealership Management Programme for Indian Oil Corporation Ltd.	October 17-18, 2016	Prof. Nityesh Bhatt	22	2,20,000
4	Communication and Inter-Personal Skills MDP for National Dairy Development Board (NDDB)	Nov. 16-18, 2016	Prof. Nityesh Bhatt Prof. Harismita Trivedi Prof. Reena Shah Prof. Sameer Pingle	25	86,250
5	MDP For Johnson Controls-Hitachi Air Conditioning India Ltd.	January 30 to February 4, 2017	Prof. Nityesh Bhatt	37	3,04,200
6	MDP For Johnson Controls-Hitachi Air Conditioning India Ltd.	February 6 to February 11, 2017	Prof. Nityesh Bhatt	36	2,97,600

Management Development Programme (Open) 2016-17

Sl. No.	Name of the Programme	Date	Programme Leader	Participants	Amount
1	Effective Communications for Higher Performance	October 18-20, 2016	Prof. Nityesh Bhatt	12	1,32,825
2	Leadership Styles and Skills	December 20-21, 2016	Prof. Harismita Trivedi	10	80,500
3	Managerial Skills for Supervisory Personnel	February 6-8, 2017	Prof. Sameer Pingle	11	1,23,166

Executive Diploma Programme 2016-17

Sr. No	Name of the Programme	Date	Programme Leader	Participants	Amount
1.	Executive Diploma Programme in Marketing	July 24, 2016... Cont.	Prof. Chetan Jhaveri	19	22,54,000
2.	Executive Diploma Programme in Operations Mgmt.	July 24, 2016... Cont.	Prof. Chetan Jhaveri	34	

Summary

Revenue Generated in:

Financial Year	Institute	Consultancy	Training
2016-17	IMNU	15,97,750	39,78,541*
2015-16	IMNU	1,54,575**	30,37,455*

* 2016-17 training includes MDP (in-house and open) and EDP

** Including 14.5% Tax.

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 offers a compulsory field course called “Managing Social Projects”. The details of the organizations/topics on which the students had done their MSP projects in the last year are given below:

S. No.	Name of Organisation	No. of Students	Topic
1	DATRI (Corporate)	40	Blood stem cell donation
2	B. M Institute of Mental Health	20	Mental Health
3	Neyrutva Ek Abhiyan	1	Traffic Awareness
4	Fly High Slums Foundation	20	Rural children welfare
5	MAD	20	Poverty alleviation
6	SAATH	20	Business plan and syllabus competition (House care)
7	Red Cross	19	Tuberculosis awareness
8	Samvedna	21	Fund raising and event organizing
9	Swayam	20	Child education
10	Tide	20	Better education (Child education)
11	Human Kind	21	Child education and grooming of volunteers
12	Human Kind	18	Study of Financial Literacy

SARAL – A Social Initiative: SARAL is a noble initiative that was undertaken by a group of students which was founded in October, 2009. It has been established with the aim of providing education to the underprivileged children of the labours working in and around the campus. In a

short span, it has been successful in making these children a part of the life of the students of IMNU. SARAL is working with other major organizations like IIM-A (Prayaas), MICA and NGOs like Manav Sadhna through events like Sanidhya.

The Rotaract Club: The Rotaract Club of IMNU is a Rotary-sponsored service club. The club provides an opportunity to the youngsters to enhance their knowledge and skills that will help them in personal development, and to address the physical and social needs of their communities. Rotaract organizes events such as Blood Donation Drives and creativity fostering activities like Face Painting and Collage Making. One of the initiative of the club is the long term mentorship programme that Rotaract has jointly taken up with Manav Sadhna, an NGO in Ahmedabad, which works for betterment of poor and needy children.

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

Two MOUs were signed during the year as per the following details:

- (1) Skyline University College, Sharjah UAE
- (2) HOF University of Applied Sciences, Germany

Linkages with National/International Academic/Research Bodies

The Institute has understanding with HOF University of Applied Sciences, Germany for faculty exchange.

IV. INFRASTRUCTURE AND LEARNING RESOURCES

The Institute has replaced the following equipments to strengthen the infrastructure and facilitate teaching-learning:

	<u>Item</u>	<u>Quantity</u>
(1)	LCD Projector	02
(2)	Projector Screens	04

Computer facilities: added

(1)	Laser Printers	03
(2)	Desktop Computers	27
(3)	Laptop Computers	14
(4)	High Speed Campus Fiber Network connecting all 22 Buildings of University	

Computer Centre

The Computer Centre continues to provide computational, network infrastructural facilities and internet/intranet services to the IMNU community [Faculty, Student and Staff].

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 was completed, during the year, the total Internet bandwidth for campus users has been increased from 128 Mbps to 334 Mbps. The Computer Centre is satisfied with the quality of service provided by the Internet Service Providers. All faculty members have been provided with laptop along license 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 use Microsoft software licensing programme. This allows the IMNU community to use most of the Microsoft Office Software programme.

The Computer Centre has replaced 25 old computer systems in the administrative staff sections of the Institute. The Computer Centre continues to play a secondary role by providing 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, 2016)

New books/journals subscribed and their value:

Sr. No.	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.	10893	13,16,830.00	55	81,997.00	239	10,57,991.00	15,162	36,91,756.00

V. STUDENT SUPPORT AND PROGRESSION

Cut-off percentage marks – category wise

The data related to admissions 2016-17 pertaining to various academic programmes are presented below:

SN	Name of Programme/s	No. of Applications Received	Appeared in Written Test	No. of Candidates Short listed for WT/PI	No. of Candidates Appeared in WT/PI	No. of Candidates Registered for the Programme
1	MBA (Full-Time)	2593	1292	1683	1292	General - 233 NRI - 32 Gulf - 06
2	MBA (FB&E)	122	101	101	101	62
3	BBA-MBA	1441	292	419	292	All India + Gujarat Category - 104 Gulf - 06 NRI - 18
4	DPM – UGC NET	41	05	09	05	1
5	DPM – Entrance		22	32	22	4

The cut off marks for short-listing candidates for admitting to MBA (FT) was **75** percentile in CAT; and for BBA-MBA Programme, cut-off was **85** percentile in UGAT.

Students Graduated Data in April 2016

Sl. No.	Name of the Programme	No. of Students Convocated
1	MBA (Full-Time)	227
2	MBA (FB&E)	55
3	MBA (Part-Time)	2

Student Achievements

MBA [FT]

Sr. No.	Name of the Student(s)	Date of the Event	Name of the Competition	Nature/ Type of Competition	Name & Address of organizing Institute	Position Secured
1	Harinder Kour	25/10/2016	Annual B-School Competition	Management	Infosys	Qualified for Final
2	Saurabh Bharakatia	25/10/2016	Annual B-School Competition	Management	Infosys	Qualified for Final
3	Saumya Mehta	25/10/2016	Annual B-School Competition	Management	Madras Management Association	Qualified for Final
4	Chaitanya Bhatt	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
5	Nidhi Agarwal	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
6	Rohith RG	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
7	Shreya Khare	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
8	Pranjali Rastogi	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
9	Aziz Chattriwala	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
10	Shikhar Jain	19/02/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
11	Nithin VK	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
12	Shubhangini Kalra	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
13	Ambika Viswanathan	1/19/2017	RANGMANCH	Singing	PDPU	2nd Runners up
14	Kunal Lambole	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
15	Tushar Agarwal	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
16	Vianmra Kumar	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
17	Ronak Mantri	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
18	Sakshee Jain	2/17/2017	RANGMANCH	Drama	KJSIMSR	Qualified for Top Three
19	Aishwarya Suchitra	2/23/2017	SAMAR	Sports	MICA	2nd Position
20	Yashvardhan Vasaniya	2/23/2017	SAMAR	Sports	MICA	1st or 2nd Position in all games

Value Added Courses

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

Certification Programmes Conducted

S. No.	Name of Workshop	Date of Certification Programme	Name of Trainer / Firm
1	Lean Green Belt Six Sigma Certification in Collaboration	9, 10, 16 and 17 July, 2016	KPMG
2	National Stock Exchange	2,8,9 & 16 October 2016	NSE Academy Ltd.
3	Certified Marketing Professional Program	30th September to 1st October 2016	CMO Factory
4	MUN	27 & 28th Jan 2017	Alfa Sound & Light
5	Business Analytics Workshop	01 to 07 March 2017	Nmore, Hyderabad
6	Microsoft Excel		The E EXCELL

Enrichment Programmes conducted by the Institute for MBA [Programmes]

S. No.	Name of Workshop	Date of Workshop	Name of Trainer / Firm
1	Interviewing Skills	25/07/2016 to 27/07/2016	Mr. Samir Patel (Maprosys)
2	Selling Skills	25/07/2016 to 27/07/2016	Ms. Kajal Banerjee (Professional Trainer, Kolkata)
3	Quantitative Techniques	26/07/2016 to 27/07/2016	Ms. Poonam Rathi (Professional Trainer)
4	Quantitative Techniques	28/07/2016	Mr. Maulik Desai (Professional Trainer)
5	Business Awareness (IT)	29/07/2016	Mr. Chirag Dhebar (TCS)
6	Group Discussions	30/07/2016	Mr. Siddharth Das (Zyodus Cadila)
7	Communication Skills Training	September to December 2016	Father Saldanha
8	Skill Development Workshop	October 2016	FACE
9	Outbound Training Programme	27/11/2016 to 28/11/2016	Naman Associates
10	Mock Interviews	November to December 2016	Maprosys
11	SPSS Workshop	01/03/2017 to 06/03/2017	Nmore Hyderabad
12	SPSS Workshop	01/03/2017 to 07/03/2017	Nmore Hyderabad

No. of Co-curricular activities organized

EVENTS

Fintalk on 'Findependence'

On August 8, 2016, Finesse: the Finance Club of IM-NU presented their event Fintalk 2.0 on the very interesting topic Financial Independence. The guest for the event, Mr. Jatin Hura, Founder of Independence Solutions. Mr. Hura shed light on financial independence and easy personal financing tips to the students. He spoke about 'Findependence' short for financial independence -- the ability to think before spending his/her to generate more income. Sharing tips on spending money the right way, he explained how SIPs were an excellent avenue to invest for long term gains. He added that the key to gain more was to start early. He also vouched for Mutual Funds as a safe and fulfilling option.

Cognition– Gamble with your Knowledge

Finesse, the Finance Club of IM-NU organized the event “Cognition– Gamble with your knowledge” on October 17, 2016. The event was held to enable the students to learn about the financial aspects, concepts and frameworks through a fun game and brush away the fear of finance. It helped to engage students in the field of finance and to test their knowledge of the current events happening in India and around the world. The event had 3 rounds existing of crossword, dominos effect and technical round. Prizes were given to the top 2 teams. 90 teams comprising of 180 students participated in it. It comprised of three distinct and well-planned rounds revolving around various aspects of finance.

JAM (Just a Minute) session and Group Discussion by BBA Students

The Intra Institute BBA event by the Quiz and Debate Club was held in two phases. The first phase was the JAM (Just a Minute) phase held on September 2, 2016.

Student Clubs in the Institutes/University – Activities

Clubs

Various clubs at the Institute fulfil the insatiable need of budding managers of food for thought. The clubs meet weekly and organizes guest lecturers, quizzes and interactive games.

Clique - The IT Club

Clique focuses on enlightening participants about the upcoming trends in technology. The flagship monthly IT newsletter of Clique takes the club a step closer in achieving the goal. Clique has organized various events like Logo/Poster Design Competition, Workshops on frequently used Software in Business Environment, LAN Gaming, etc.

Optimus Club - The Operations and Supply Chain Club

The club endeavours to facilitate sharing of knowledge on fields related to Operations and Supply Chain Management through Guest Lectures, Live Projects, Quizzes, Case Studies and Simulation Game.

Sumantra - The Book Club

The club promotes extra-curricular reading. Sumantra organizes various literary events during the academic year viz. book reviews where avid readers present their take on their favorite books. The Club also organizes one national level event - "Poetry Recitation" - aimed to provide a platform to showcase the spirit of poetry alive. The recent past major poetry recitation events are - “A drop of INK” and “Shabdanjali”.

Swayam - The Entrepreneurship Club

Swayam is the ideal place for all the enthused minds who want to set out and make a mark for themselves. It gives a chance to budding entrepreneurs to organize various events and learn the traits of business. The club organizes guest lectures, B-Plan competitions and many more events.

The Rotaract Club

The Rotaract Club of IMNU is a Rotary-sponsored service club whose purpose is to provide an opportunity for youngsters to enhance knowledge and skills that will assist them in personal development, and address the physical and social needs of their communities. The club organized events such as blood donation and creative activities like face painting and collage making.

Fine\$\$e - The Finance Club

Fine\$\$e is one of the oldest and most prestigious clubs of the institute. The objective of the club is to cultivate interest amongst the student in the area of Finance and also to increase the visibility of the institute in the industry by means of constant interaction and knowledge sharing between the Institute and the Financial Sector..

Niche - The Marketing Club

Niche aims to provide opportunities for members to develop marketing skills undertake marketing exercises and meet marketing professionals. Throughout the academic year Niche organizes exciting and creative events; be it the COPA Marketing Cup, the Treasure Hunt or the Mystic India initiative.

Imprintz - The HR Club

The HR Club believes in people. It regularly innovates and relates real-life situations to organizational behaviour and HR so as to make understand these soft concepts easier. This academic year Imprintz has organized a host of events. “Whose line is it anyway?” – The ice breaking event which tested the student's oratory skills.

Chehre - The Dramatics Club

Chehre is the theatre and dramatics club of the Institute where students get an opportunity to showcase their creativity and talent. Chehre organizes workshops on movie making where participants are taught the basics of the trade.

XquizIT - The Quizzing Club

XquizIT was conceptualized as a platform to sharpen the business knowledge and quizzing acumen of the students. Besides, the club is also engaged in identifying talent and preparing teams for inter-college quizzes at various corporate and management quizzing festivals. XquizIT also holds monthly quizzes for the students some of which are TV2Talkies, August Rush, Sports Quiz, etc.

Fiesta - The Music & Dance Club

Fiesta's objective is to promote music and dance activities among the students. It organizes on-campus music and dance events and in the past has hosted Grammy Award winning Mohan Veena player- Pandit Vishwa Mohan Bhatt. Fiesta also conducts Music and Dance workshops for the students to rejuvenate them.

Sports Activities:

The students of IMNU organized various sports activities during the year such as:

- Ice Breaking Tournament
- IMNU CHESS LEAGUE 2016
- SLAM DUNK 2016
- COPA 2016
- PARAKRAM 2016
- CRIC8

- Smashes
- NCL 2017

Youth welfare and cultural activities:

The students of IMNU organized various Cultural activities during the year such as:

- Janmashtami
- Teacher's Day
- Ganesh Chaturthi
- Garba Night
- Paint Your Dreams
- Lohri

Talent Night: A platform for new faces to showcase their talents is organized by Cultural Committee. This is an Ice-breaking event in which all the first year students showcase their talents by performing activities such as dance, song, skit, play etc.

No. of extra-curricular activities organized in collaboration with other agencies on Campus

Name of Activity / Event	Date	Organizing Club / Committee	Type of Event	Number of Students Participated	Name of Winner(s)
PARAKRAM 2016	11-10-2016	Sports Committee	Inter Institute	240	NICMAR Pune
BIZ-QUIZ	13-10-2016	Club xquizit	Intra-Institute	56	1. Vanessa Patel and apurvapatil 2. Rajatsoni and Ayush Sharma 3. Harsh Bhanwat and tridibeshbasak
Rangeeloraas	18-10-2016	Cultural Committee	Intra – Institute	500	Piyali Roy, Sahiba, Parth, Himanshu
Jam Session 2.0	21-10-2016	Fiesta	Intra-institute	100	NA
ABHINAYAM	10-11-2016	Chehre	Intra-institute	35	-
CRIC8	14-11-2016	Sports Committee	Intra - Institute	154	ARISTROCATS
Smashes	14-11-2016	Sports Committee	Intra – Institute	60	Dronas
Shutterbug 16	18-10-2016	Pratikriti	Inter - Institute	24	Abhinandan Kavdia, Sumiran Rathi, Parag Jyoti Borah
Paint Your Dreams	20-11-2016	Cultural Committee	Intra-institute	350 NGO Kids	NA
Perspective Richter10	2-12-2016	Cultural Committee	Inter - Institute	748	NA
Jam Session 3.0	12-12-2016	Fiesta	Intra - Institute	150	NA
NCL	8-1-2017	Sports Committee	Intra – Institute	600	Shehzaade
Lohri	13-1-2017	Cultural Committee	Intra - Institute	450	NA
Creative Cut	3-2-2017	Chehre	Inter - Institute	250	Symbiosis Institute of Media and Communication
SPIC MACAY	9-2-2017	Fiesta	Inter - Institute	200	NA
Movie	19-10-2016	Deja View –	Intra	80	Sahil Shah, Raghav

Showcase - Guru		BBA Movie Club	Institute		Rathi, Achal Shah
Movie Showcase – Jerry Maguire	19-1-2017	Deja View – BBA Movie Club	Intra Institute	15	Arsh Limbadia
Treasure hunt	14/12/16	Abhivyakti-the cultural committee	Intra-institute	110	Nikhil Jaju and team
Genesis- the BBA cultural fest	21/2/17-22/2/17	Abhivyakti-the cultural committee	Inter-university	250	Prof. Khyati Shah
Cricket	18/12/2016	Sports committee	Intra Institute (Teachers v/s Students)	22	Prof. Dhiren Jotwani
Volleyball	20/12/16 And 21/12/16	Sports Committee	Intra-Institute	33	Anshuman Sawant, Harshul Kamani, Vishesh Bhuptani, Swapnil Mistry, Ruhzad Gandhi, Sambhav Jain, Devansh Agarwal

“Spic Macay”

The event was held on 15th July, 2016. Spic Macay is an Inter College event conducted in association with Spic Macay Ahmedabad Chapter. This event involves inviting artists who are visiting the city during a particular month. This time we had Pandit Rupak Kulkarni grace the stage with his melodious performance. He is the shisya of Pandit Hariprsad Chaurasiya and has trained under him since the age of 9. He mesmerized us with his flute skills. He was accompanied by Sapan Anjaria, an ITNU alumnus who is now into playing Tabla and Mandar Bhamre who was an accompanist Flautist. The event was a success with a huge crowd coming to watch these artist’s mesmerizing Flute and amazing Jugalbandi.

The event was held again on 9th February, 2017. Padmashree Guru Shovana Narayan came to perform kathak and the entire crowd was mesmerized by her depiction of nature's sounds, Draupadi's cheerharan and other nuances of kathak.

BIZ-QUIZ BY XQuizIt Club (13 October, 2016)

BIZ-QUIZ (Business quiz) was 2nd event organized by the club XQuizIT. The event consisted of three rounds and rounds 1 and 2 were written questionnaire. The event was organized in E3 and E4 classroom. It consists of identifying logo, personality/company and general business question. Three teams were declared winner and prizes worth Rs. 6000 were distributed at the end of final round.

Roomies 2016

The event was held on 18th November, 2016. It was an event where the room partners living in the hostel took part and 3 rounds of games were played.

Richter-10: Richter-10 is Inter B-School Annual Cultural Fest held on the campus, where around 20 events with participation of more than 300 students from 30-35 B-Schools across India. Besides, the Richter also organizes Star Night in which a well renowned personality comes and performs live.

Perspective - The Academic Meet: The Institute organizes an academic meet called 'Perspective' for B-School students every year. The meet deals in 'perceiving what is beyond the common sight'.

Performance in Sport activities:

- Incentives to outstanding sports person : As per the University Norms

Alumni Association : Activities Supporting Students

Alumni Meets

Alumni meets were held in 7 cities namely, Bangalore, Chennai, Delhi, Hyderabad, Mumbai and Pune on 24th July, 2016 during PPV 2016 wherein faculty and student interacted with the alumni and key chains were also distributed.

Alumni Association 2016: Activities Supporting Students

Admissions

To have an industry and alumni perspective in the selection process of candidates for admission in MBA [FT] 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 had involved as a panel member for Admission Interviews during March 2017:

Alumni name	Name of Organization	Designation	Batch
Mayank Shree	Aircel Ltd.	AGM- Shared Services	2002-04
Abhishek Vatsa	Nielsen	Committed Sales & Marketing Professional	2005-07
Gaurav Kandpal	RBS Risk Solutions India	Senior Business Analyst	2005-07
Priyatna Basu	YES BANK	Vice President	2005-07
Rajat Goyal	Indian Oil Corporation Limited	HR professional	2005-07
Saloni Agarwal	Nucleus Software Exports Ltd.	HR Professional	2011-13
Piyush Goyal	Palaash Ventures	Managing Partner	2000-02
Sunil Krishna	AeroEuro Engineering India Pvt. Ltd.	CEO	2002-04
Manubha Sharma	Cushman & Wakefield	Associate Director- Research Services	2003-05
Amit Gupta			2004-06
Anjan Goswami	In2IT Technologies Ltd	Deputy General Manage	2004-06
Gaurav Rathod	Bajaj Auto Ltd.	Manager - Sales	2003-05
Shalabh Saxena	ALTEN Calsoft labs	Associate Director-	2003-05
Mitesh Manubarwala	Maersk Global Service Centre	HR Partner & Talent Manager	2005-07
Sachin Jain	HSBC Global Technology India	Business Analyst	2006-08
Raghav Rastogi	Accenture	Associate Manager	2007-09
Ami Patel			1996-98
Jyotindra Patel	Tata Consultancy Services Ltd.	Project Leader	1996-98
Harsh Datta (NCR)	ecube sales solutions private limited	Sales Excellence enabler	2000-02

Institute Lecture Series (Alumni)

Sr. No	Name of Expert, Designation & Organization	Topic	Date
1	Mr. Sachindcr Bhinder, Executive Vice President, Business Head - Home Finance, Product and Cross Sell Head – Secured Assets at Kotak Mahindra Bank	Corporate Expectations from MBA	23/01/2016
2	Mr. Amol Bhagwati, Owner, Inspiron Engineering Pvt. Ltd	Uncertainty is the new Normal	04/02/2017
3	Mr. Nishith Modi, Director, Karnavati Chemicals	Uncertainty is the new Normal	04/02/2017
4	Mr. Sharad Kumar, COO, Disha Fincare	Uncertainty is the new Normal	04/02/2017
5	Mr. Sapan Oza, Regional Manager, TCS	Uncertainty is the new Normal	04/02/2017
6	Mr. Vaibhav Kathju, VP - Strategic Alliance, HDFC Life	Uncertainty is the new Normal	04/02/2017
7	Mr. Rajat Dang, Head - Customer Care, Abbot India Ltd	Uncertainty is the new Normal	04/02/2017
8	Mr. Chintan Mehta, DGM (Pre-sales & Delivery), Code Solutions	Uncertainty is the new Normal	04/02/2017
9	Mr. Rakesh Kumar, Manager - Strategic Sourcing and Supply Chain, Suzuki Motor Gujarat Pvt. Ltd.	Uncertainty is the new Normal	04/02/2017
10	Mr. Saurav Gupta, Finance Controller, Cap Gemini	Uncertainty is the new Normal	04/02/2017
11	Mr. Hrishikesh Deshmukh, Manager Business Analysis, BNY Mellon	Uncertainty is the new Normal	04/02/2017
12	Mr. Kshitij Johari, Senior Relationship Manager, Non-Resident and International Priority Banking, Standard Chartered Bank	Uncertainty is the new Normal	04/02/2017
13	Mr. Sumit Bhatnagar Vice President, Human Resources, Wells Fargo	Uncertainty is the new Normal	04/02/2017
14	Mr. Shiv Kiran Nath, Business Head, Human Resources, Apollo Health & Life Style	Uncertainty is the new Normal	04/02/2017

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 Organisation
1.	Mitul Budhabhatti	Asst. General Manager	CARE
2.	Deval Sarang	Corporate Sales Manager	HDFC Standard Life Insurance Company Ltd.
3.	Shivani Vora	Sr. Associate Lead - Talent Acquisition	Infosys Ltd.
4.	Harleen Sodhi	Lead – Talent Acquisition	Infosys Ltd.
5.	Sapan Oza	Business Development Manager	Tata Consultancy /services Ltd.
6.	Akshay Durugkar	Senior Analyst	IQR Consulting
7.	Neeraj Sharma	Senior Manager Marketing	Bajaj Auto
8.	Saumil Shah	Manager – Corporate Connect	iimjobs
9.	Rohit Swarup	Director	Xplora Design Skool
10.	Mohit Mangal	MD & CEO	iQue Ideas
11.	Parthiv Shah	DVP	HDFC Bank

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. Many of our practicing alumni delivered lectures in the area of Marketing, Finance, HR, Operations.

Faculty Guidance and Counseling 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 all the faculty member in the counseling process. The process also helps to create a healthy rapport between the faculty and students.

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
- Mentoring also contributes to social development of creating awareness, enhancing knowledge, promoting sociability and a sense of community living and making people conscious of their surroundings and development of organizational effectiveness.

Final Placements – Batch 2015-17

Institute of Management, Nirma University – Placement Update

- With the onset of placement season IMNU has experienced an impressive start at the campus with reputed companies visiting for final placements. With a commitment and a track record of 100% placements as in the previous years, this year too we are inching towards it. Majority of the students have been placed and we are in the last phase of campus placements. Students have been hired by regular recruiters reflecting the trust they have placed in the quality of students and the curriculum.
- New companies such Bajaj Auto Ltd., Hyundai, Aditya Birla Sunlife, Developer Group, Blue Oceans, Convonix, Searce, Krish Technolabs, Xplora Design Skool and Business Octane also participated in the campus placements and recruited our students. The students have got placement offers of their choice. Pre Placement Offers (PPOs) were given to students by GVFL and Smyttens.
- The sectors which recruited this year includes Automobile, IT & ITES, Banking, Financial Services, Engineering & Manufacturing, FMCG, BPO, Consulting, Consumer Durables, Insurance, HR Services and Real Estate. The highest salary of INR 14.00 LPA was offered by the Automobile sector. The average salary is INR 8.00 LPA. and the median is INR 7.60 LPA
- The profiles offered were Analyst, Associate Consultant, B2B Sales, B2B Sales, Business Analyst, Credit Analyst, Credit Manager, Customer Service Manager, EEG Sales Manager, MT, Marketing Manager, Product Specialist, Process Manager, Operational Analyst, Relationship Manager, Sales Trainee, Senior Associate, Senior Analyst and Senior Associate Consultant.

The institute also boasts of a 3000+ 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 to name a few.

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Institute of Pharmacy

Outstanding Achievements and important activities

1. Institute received four major research project grants from GSBTM, AYUSH, SAC and ICMR worth Rs. 97,44,780/- and minor research grant worth Rs. 17,75,000/- from GUJCOST.

Dignitaries visited Institute of Pharmacy

- A delegation of Eleven International Education Administrators from Universities in the U.S as well as three administrators from US-India Educational Foundation visited Nirma Herbal Wealth during their visit at Nirma University as a part of Fulbright-Nehru Programme on March 25, 2017
- Prof. M. Chandra Sekar from University of Findlay, Ohio, US interacted with PhD students of Institute of Pharmacy.

The following members visited Institute of Pharmacy during Institute Advisory Committee (IAC) Meeting on 22nd July, 2016

1. Dr. P. R. Vaviya, Professor of Pharmaceutics & Dean, Academic Programme, Institute of Chemical Technology, Mumbai.
2. Prof. A. K. Chakraborti Professor and Head, Department of Medicinal Chemistry, and Dean, National Institute of Pharmaceutical Education and Research (NIPER), Mohali
3. Dr. Kiran Kalia, Director, NIPER, Ahmedabad.
4. Dr. Mukul R. Jain, Senior Vice President-Pharmacology, Head, Nonclinical Research & Development Zydus Research Centre, Cadila Healthcare Limited
5. Dr. Shiv Prakash Ratnam, Synchron Research Services Private Limited, Ahmedabad

Following dignitaries visited Institute of Pharmacy for orientation programme for M. Pharm. New Entrants during 18th to 23rd July, 2016 and B.Pharm. New Entrants between 25th to 26th October, 2016:

1. Mr. Ashwin Parikh, Director, International Business Development, Ahmedabad.
2. Dr. A. K. Chakraborti, Professor & Head, Medicinal Chemistry, NIPER, Moha
3. Dr. P. R. Vavia, Professor, Pharmaceutics, Institute of Chemical Technology, Mumbai
4. Mr. Kaushik Shah, MD, Shushane Medicamentos Pvt. Ltd, Ahmedabad
5. Dr. Satyam Kothari, Head, Regulatory Affairs, Comply Well Solutions
6. Dr. Manish Yadav, CEO - ETHIXINN Consulting & Research Solutions
7. Dr. Chirag Shah, Associate Director and Head, Clinical Trials, Clantha Research Limited
8. Dr. Abhay Sapre, Vice President, Formulation Development at Zydus Cadila
9. Dr. Harish Padh, Ex-Vice Chancellor, Sardar Patel University and Advisor, NIPER-Ahmedabad.
10. Shri K. S. Savanim Deputy Superintendent of Police – Kalol

I- Curricular Aspects:

- **No. of courses where major revision is made:**

The courses and the teaching and examination scheme of B. Pharm. Sem I and M. Pharm. Sem I was re-designed as per the norms prescribed by the Pharmacy Council of India (PCI).

II- Teaching-Learning and Evaluation

Faculty completed/pursuing Ph. D

- Mr. Nrupesh Patel submitted his Ph.D. thesis to Nirma University on the topic “Analytical

Method Development, Validation and Impurity Profiling of Dosage Forms of Anti-Allergic Drug” under guidance of Dr. Anuradha K. Gajjar.

- Ms. Nagja Tripathi, submitted her Ph.D. thesis to Nirma University on the topic “Development, Optimization and Evaluation of a Polyherbal Formulation for Anti-diabetic activity” under the guidance of Dr. Sanjeev R. Acharya.
- 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

- Dr. Bhumika Patel arranged classroom presentation by students in group who were willing to do by their own as CE II in Medicinal Chemistry III, Semester VII. This made them learn presentation topic in detail, team work, presentation skills, communication skills etc. It also increased their self confidence.
- Dr. Jigar Shah worked as Institute OBE coordinator with other department coordinator for development of complete AOL evaluation process for the students of B. Pharm. program as a part of new teaching methodology adopted at Nirma University.
- A teaching methodology innovation was adopted at Faculty level by Dr. Bhoomika M. Patel, Department of Pharmacology. The students of B. Pharm. semester VIII were given certain topics of debate on different classes of agents in different diseases. This enables the students to prepare and understand better understanding of the drugs and their clinical application. This was evaluated as one CE component.
- Dr. Renuka Mishra utilized google classroom for submission and classroom discussion for the topic ‘Cosmetics’ in the subject Pharmaceutical Dosage Form-II for B.Pharm semester-VI.
- Dr. Tejal Mehta utilized google classroom for group discussion for the course ‘GMP and Pharmaceutical Process validation for M. Pharm students.
- Institute of Pharmacy has organized International Conference – “NIPiCON-2016” on “Global Challenges in Drug Discovery, Development and Regulatory Affairs” during 21-23rd January 2016.
- Institute of Pharmacy has organized NIRMAQUEST ’16, “A National Level Quiz Competition” on 27th January, 2016.
- Department of Pharmacognosy has organized one day national seminar on “Herbal Cosmetics: Recent Advances, Regulations and Market Trends” on 4th March, 2016 under CCE, Nirma University.
- Department of Pharmaceutical Chemistry has organized Workshop on “Computer Aided Drug Design Software” on 18th March, 2016 under CCE, Nirma University.
- Department of Pharmaceutical Chemistry has organized National Seminar on “Recent Advances in Drug Discovery - 2016” on 28th March, 2016.
- A teaching methodology innovation was adopted at Faculty level by Dr. Shraddha Bhadada and Dr. Bhoomika M. Patel, Department of Pharmacology. The students of B. Pharm. semester IV were registered in an online platform called PIAZZA which is also available as mobile application. Various questions related to their understanding of the subject were posted on the platform for which the students need to answer and interact with each other in a stipulated time period. It helped the students to be more interactive and their understanding of the subject was improved as most of the questions were analytical based. This was evaluated as one of the CE component.
- M.Pharm. semester II students (Pharmacology and Clinical Pharmacy) of Department of Pharmacology has adopted a new method of teaching termed as “Student generated questions”. The students had a pre-reading of the topics and generate questions from the given topics, which were discussed at length in the lectures. It helped them for better understanding of the topics. It was evaluated for one of the CE component.

- Dr. Dipal Gandhi used Piazza software and google classroom for B. Pharm students to improve interaction with students as teaching learning methodology.
- Dr. Jigar Shah worked as OBE coordinator at Institute level for development of new course outcomes, rubrics for course outcomes and for assessment, and AOL evaluation of students of B. Pharm. program as a part of new teaching methodology adopted at Nirma University.

Activities to sustain healthy practices:

- Organized personality development and life skill improvement sessions for B.Pharm Semester-VI students of 12 hours on January 5 and 6, 2017 and B.Pharm Semester-VIII students of 4 hours on March 18, 2017.
- Organized a workshop on “Preventing Plagiarism in Research” for B. Pharm, M. Pharm and PhD Students on 27th March 2017 under the banner of IQAC-I.
- Workshop on ‘Information on E-resources and Courseware’ for Faculty was organized on 15th September, 2016 which included lectures on ORCID Author Identity and Altmetrics by Mr. Kannan P., Scientist C, INFLIBNET Centre, Ahmedabad.
- OBE Workshop for Faculty members was organized on 19th September, 2016. Prof. Nina Muncherji, Professor, Institute of Management, Nirma University delivered a lecture on OBE and AOL for faculty members followed by workshop on rubric.

Exam Reforms implemented:

Course work examination for Ph. D students:

- The course work examination includes written exam and semester end exam. The scheme of course work evaluation was finalized.

Number of faculty development programmes availed by faculty:

- Dr. Jigar Shah and Ms. Nagja Tripathi attended a two days National Workshop on “Outcome Based Education (OBE)” organized by ADR Cell, Nirma University, on 8th – 9th April 2016.
- Dr. Snehal Patel and Dr. Shital Panchal attended two weeks “Research orientation Programme” Organized by ADR Cell, Nirma University during 6th June-18th June 2016.
- All the faculty members of the Institute attended Short Term Training Programme on “Recent Advances in Cancer Research” during 4th July to 16th July, 2016 organized by Institute of Pharmacy, Nirma University.
- Dr. Shital Panchal, Dr. Bhoomika M. Patel, Dr. Shraddha Bhadada, Dr. Hardik Bhatt, Dr. Jignasa Savjani, Dr. Bhumika D. Patel, Ms. Palak K. Parikh, Dr. Tejal Mehta, Dr. Shital Butani, Dr. Mayur Patel, Dr. Jigar Shah, Dr. Renuka Mishra, Dr. Niyati Acharya, Dr. Sanjeev Acharya, Dr. Dipal Gandhi, Dr. Priti Mehta, Dr. Charmy Kothari and Mr. Nrupesh Patel attended Refresher course for Registered Pharmacist Supported by Gujarat State Pharmacy Council during 23rd - 24th July, 2016 organized by Institute of Pharmacy, Nirma University.
- Dr. Jignasa Savjani, Dr. Charmi Kothari and Dr. Dipal Gandhi attended two-day training programme on, ‘Building a Better Teacher’ during August 19-20, 2016 organized by ADR cell, Nirma University.
- Ms. Nagja Tripathi, Mr.Nrupesh Patel and Ms. Palak Parikh attended a two-day Training Programme on ‘Honing Research Publication Skills’ (Research Paper Writing Workshop) during October 07-08, 2016 organised by Academic Development & Research (ADR) Cell, Nirma University, Ahmedabad.

- Dr. Jigna Shah, Dr. Bhoomika M. Patel, Dr. Shraddha Bhadada, Dr. Bhumika D. Patel, Ms. Palak K. Parikh, Dr. Tejal Mehta, Dr. Mayur Patel, Dr. Jigar Shah, Dr. Renuka Mishra, Dr. Niyati Acharya, Dr. Sanjeev Acharya, Dr. Mohit Shah, attended Refresher course for Registered Pharmacist Supported by Gujarat State Pharmacy Council during 26th to 27th November, 2016 organized by Institute of Pharmacy, Nirma University.
- Faculty members attended an introductory training programme on 'SCOPUS' on 24/12/16 organized by ADR cell, NU.
- Dr. Bhoomika M. Patel, Dr. Bhumika D. Patel and Dr. Mohit Shah Attended Two weeks Faculty Orientation Programme arranged by ADR Cell, Nirma University from December 19-31, 2016

Number of faculty development programmes organized by the Institute

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

- Institute had coordinated two weeks "Research orientation Programme" Organized by ADR Cell, Nirma University during 6th June-18th June 2016.
- Short Term Training Programme on "Recent Advances in Cancer Research" during 4th July to 16th July, 2016 organized by Institute of Pharmacy, Nirma University.
- Institute organized "Refresher course" for Registered Pharmacist Supported by Gujarat State Pharmacy Council during 23rd -24th July, 2016 organized by Institute of Pharmacy, Nirma University.
- Institute organized "Refresher course" for Registered Pharmacist Supported by Gujarat State Pharmacy Council during 26th to 27th November, 2016 organized by Institute of Pharmacy, Nirma University.

Invited/endowment lectures

Delivered by resource person:

- Mr. Ashutosh Jani, Social Activist had delivered a guest lecture on "Our responsibilities towards Society" on April 16, 2016.
- Dr. Jyoti Paliwal, Medical Advisor, Troika Pharmaceuticals Limited, Ahmedabad on "Gaps between Industry, Academia and Regulatory : Affecting our Quality" on 23rd April, 2016
- Mr. Ayyagari Rama Murthy, Dy. General Manager, Contract Pharmacal Corporation, Changodar delivered a guest lecture on "Stability Testing Biotech/ Biological Products on 25th April, 2016 for the M.Pharm. and Ph.D. students.
- Dr. Navin Vaya, Senior Director & Delivery Manager-North America, OSD, Dr. Reddy's Laboratories, Hyderabad delivered a talk on the topic "Generic Pharmaceuticals Industry" on 24th September 2016 at Institute of Pharmacy.
- Prof. Nina Muncherji, Professor, Institute of Management, Nirma University delivered a talk on OBE and AOL for faculty members of Pharmacy on 19/09/2016.
- Dr. Chinmoy Ghosh, Manager, Analytical Development Laboratory, Zydus Research Centre, Ahmedabad delivered a talk on the topic "Impurity Profiling of Drug Substance and Drug Products" on 01st December 2016 at Institute of Pharmacy.
- Dr. Riddhi Doshi, Regulatory Consultant, Sarjan Systems Pvt Ltd., Ahmedabad delivered a talk on the topic "Overview of e-CTD and its Management" on 06th December 2016 at Institute of Pharmacy.
- Prof. Anita Mehta, Professor, L.M. College of Pharmacy delivered a talk on "Pharmacokinetics" on December 1, 2016.

- Prof. Heena V. Dave, Fulbright Scholar-USIEF-DPR and Assistant Professor, Institute of Science, Nirma University delivered a talk on Blood and biotechnology products for the students of B. Pharm. Sem V on 01/12/2016.
- Public lecture was delivered by Prof. B. Suresh, Vice-Chancellor, JSS University, Mysore and President, Pharmacy Council of India on “Innovation and Entrepreneurship” on February 3, 2017.
- Public lecture was delivered by Dr. Parag Kulkarni, Founder and CEO, Iknowlation research Labs, Pune on “Empowering Your Business through Knowledge Innovation Strategy” on February 28, 2017.
- Public lecture was delivered by Prof. S.V. Chiplunkar, Director, Advanced Centre for Treatment, Research & Education in Cancer (ACTREC), Tata Memorial Centre, Navi Mumbai on “Cancer Immunotherapy: Challenges and Prospects” on March 10, 2017.
- Dr. Nibedita Naha, Scientist ‘C’, National Institute of Occupational Health, Ahmedabad delivered a talk on “Sexually Transmitted Diseases: Causes and Prevention” on 17th January, 2017.
- Dr. P. Y. Guru, Ex General Manager, Animal Research Facility, Zydus Research Centre delivered a talk on “Life from Start & Beyond: Some Facts, Living Forms & Technologies which are Hard to Imagine” on 10th January, 2017
- Dr. Gaurang B. Shah, Professor, L. M. College of Pharmacy delivered a talk on “Clinical Pharmacokinetics” on 9th March, 2017
- Dr. Anupama Ramkumar, Director, Arkus Clinical Trial Support Solutions, delivered a talk on “Lifestyle Modifications in Various Disorders” on February 28, 2017
- Dr. Vinod Burade, Dy. General Manager (Pharmacology), Sun Pharma Advanced Research Company Ltd., Vadodara delivered a talk on “Screening of Anticancer agents” on 28th January, 2017
- Prof. M.R. Yadav, Retired Professor and Head, Faculty of Pharmacy, M.S. University, Baroda on 9th March, 2017 delivered a talk on a topic “Steroids, Their Nomenclature, Stereochemistry and Classification” for UG students of B.Pharm.
- Dr. Sunil G. Naik, Dean, School of Chemical Sciences & Pharmacy and Head, Department of Chemistry, Central University of Rajasthan on 28/2/2017 delivered a talk on a topic “The Structure and Function of the Metalloenzymes” for final year B.Pharm., M.Pharm. and Ph.D students
- Dr. M. B. Shah from L.M.College of Pharmacy Ahmedabad delivered a talk on Emerging trends in Herbal Drug Technology on 23rd March, 17.
- Dr. M. C. Gohel delivered a talk entitled “Importance of Quality Matrix in Pharmaceutical Industries” on 8th March, 2017 for Ph. D. Scholars and M. Pharm II, and IV students.
- Dr. Vandana Patravale, Professor of Pharmaceutics, Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai delivered a talk entitled “Nanosuspensions-a new paradigm for pharmaceutical scientists” on 21st March 2017 for B. Pharm Semester-VIII, M. Pharm and Ph. D Scholars.
- Dr. Alex George, PTC, Cadila Healthcare Ltd., entitled “Long Acting Injections – the need & formulation strategies” delivered a talk on 8th March, 2017 for Ph. D. Scholars and M. Pharm II, and IV students.

Delivered by faculty:

- Dr. Vimal Kumar delivered invited talk on “Recent Advances in Herbal Medicines and Nutraceuticals for Human Health” during Research Orientation Programme Organized by ADR Cell, Nirma University on 14th June 2016.
- Dr. Vimal Kumar delivered invited talk on “Lead finding for Angiotensin converting enzyme (ACE) inhibitors from Natural Products” during Indian Council of Medical Research (ICMR), and Association of Pharmaceutical Teachers of India (APTI) Sponsored National Conference on “Contemporary Approaches for the Development of Natural Products and Envisaged Future Trends” at Geetanjali University, Udaipur on 17th September 2016.
- Dr. Manjunth Ghate delivered lecture at the National Conference “Chemistry: A light” at IIT, Gandhinagar on 8th December, 2016.
- Dr. Manjunath Ghate delivered a guest lecture at Department of Biotechnology, Sharad University on 21st December, 2016.
- Dr. Vimal Kumar has been appointed as a member of jury / evaluator for the PharmInnova Award (Best Ph.D. Thesis Competition – Pharmacognosy) by Rajnibhai V. Patel Trust (Troikaa Pharmaceuticals Ltd) & DST, New Delhi
- Dr. Jignasa Savjani delivered guest lecture on “Nuclear Magnetic Resonance Spectroscopy” at Parul Institute of Pharmacy, Vadodara on 16th November 2016.
- Dr. Bhumika D. Patel delivered an expert lecture in CADD Workshop under CCE, NU organized on 17th February 2017 on a topic “Molecular Docking: A Structure Based Drug Design Tool”
- Dr. Jignasa K. Savjani delivered an expert lecture in CADD Workshop under CCE, NU organized on 17th February 2017 on a topic “ADMET Property Prediction using free tools”.
- Ms. Palak K. Parikh delivered an expert lecture in CADD Workshop under CCE, NU organized on 17th February 2017 on a topic “QSAR: A Ligand Based Drug Design Approach”.
- Dr. Hardik G. Bhatt gave Oral Lecture on “Design and Synthesis of Hit Molecules Bearing Novel Pteridine Scaffold as Dual Aurora-B and CDK2 Kinase Inhibitors as Apoptosis Inducer” at three days 23rd ISCB International Conference (ISCB-2017) organized by Indian Society of Chemist and Biologists (ISCB), Lucknow on February 8-10, 2017 at SRM University, Chennai, India.
- Dr. Jigna Shah delivered a talk on “Prescription Handling and Patient Counselling” at GSPC sponsored Refresher course for Registered Pharmacists organized by Arihant College of Pharmacy, Gandhinagar on 7th January 2017.
- Dr. Tejal Mehta was invited to deliver a lecture on Quality by Design for solid dosage form in certificate program on “QbD Principles: Applications in Pharmaceutics” at K. B. Institute of Pharmaceutical Education & Research, Gandhinagar on 18th February, 2017.
- Dr. Tejal Mehta was invited as a Judge in pharma recipe event (GTU central techfest) organized by L. M. College of Pharmacy, on 31st March, 2017.
- Dr. Tejal Mehta was invited as resource person to deliver a talk on “Effective Patient Communication & Counseling by Pharmacist” in 2 day Refresher Course for Registered Pharmacist at Shree Swami Narayan Sanskar Pharmacy College, Zundal on 5th February, 2017.
- Dr. Tejal Mehta was invited as resource person to deliver a talk on “Nose to Brain Nanoparticulate Drug Delivery System: Opportunities and Future Ahead” at two day National Conference on “Targeted Drug Delivery to Tumors: Myths, Reality and Possibilities” on 9th March, 2017 at Nootan College of Pharmacy, Visnagar.

Non-Teaching staff development:

- Ms. Pooja Pandey and Mr. Devendra J Vaghela attended One Week Training Programme for Office Assistants and Equivalent cadre staff members arranged by ADR Cell, Nirma University from June 13-18, 2016.
- Mr. Jignesh Patel, Mr. Mukesh Patel and Ms. Dharti Patel attended three days training programme for Laboratory Assistant arranged by ADR Cell, Nirma University from 8-10 August 2016.
- Ms. Jaya M. Dabhi attended “Expert Talk on Research Support Services at Academic Library - thinking Out of Box and Open Access Collection - concerns and helpful suggestions” by Ms. Anjana Bhatt, University Librarian: Electronic Resources from Florida Gulf Coast University, USA on 2nd June, 2016 held at Nirma University

III.- RESEARCH, CONSULTANCY AND EXTENSION**Research projects**

a) Major Research Project funded by Nirma University:

Financial Year	Sanctioned	
	Number	Amount
2016-17	01	28,92,400
2015-16	---	---

b) Major Research Project funded by external agencies during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2016-17	01	24,74,680	03	1,06,56,800	04	97,44,780
2015-16	00	00	03	1,04,31,480	1	27,00,000

b i) Major Infrastructural grant funded by external agencies:

Financial Year	Ongoing	
	Number	Amount
2016-17	1	55,00,000
2015-16	1	55,00,000

c) Minor Research Project funded by Nirma University during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2016-17	04	4,50,000	04	2,90,000	03	2,75,000
2015-16	05	3,80,000	04	4,50,000	04	2,90,000

d) Minor Research Project funded by external agencies during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2016-17	08	31,55,000	10	44,17,000	00	00
2015-16	00	00	12	57,97,000	06	20,97,000

Number of Teachers allowed to 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
2016-17	9	22,568	31	93,262
2015-16	7	3,500	26	1,18,036

New Research Projects (Externally funded/University funded):

Major Research Projects

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs in Lacs)	Starting Date of Project (dd/mm/yyyy)
Dr. Priti Mehta	Evaluation of Radio Protective Potential of Medicinally Important Indian Bamboo Plants in Cancer	AYUSH	42,12,250	16/02/2017
Dr. Priti Mehta	Determination of Specific Absorption Coefficient for The Dominant Macro Algal Species of Indian Coastal Water – A Step Towards Developing Biomarkers & Community Based Chlorophyll and Accessory Pigments Algorithm	Space Applications Centre	15,90,000	01/12/2016
Dr. Jigna Shah	Evaluation of DNA Polymerase Inhibitors For Treatment of Alzheimer's Disease	Gujarat State Biotechnology Mission	20,81,920	23/09/2016
Dr. Shital Panchal	Epidemiology of Anemia in Pre-School Tribal Children of Eastern Gujarat with Reference to Etiology, Pathophysiology and Nutritional Impact	Indian Council of Medical Research	18,60,610	17/02/2017
Dr. Mayur Patel	Formulation Development and Evaluation of Nanoparticulate Systems for Targeted Delivery of Anticancer Agents	Nirma University	28,92,400	09/05/2016

Minor Research Projects

Dr. Mohit Shah	Solubility Enhancement of BCS Class II Drug using Emulsifying Drug Delivery System	Nirma University	90,000	11/05/2016
Dr. Jignasa Savjani	Synthesis of Co-Crystal of Acyclovir for Improvement of Physicochemical Parameters	Nirma University	85,000	11/05/2016
Mr. Nrupesh Patel	Solubility Enhancement of Lead Candidates as Anti-	Nirma University	1,00,000	11/05/2016

Dr. Bhumika Patel	Diabetic Agents			
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Ongoing Research Projects:

Major Research Projects

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs in Lacs)	Duration of Project	Starting Date of Project
Dr. Bhoomika Patel	Exploring the Effect of Histone Deacetylases (HDAC) in Cancer-Cachexia and their Downstream Targets	Science & Engineering Research Board	27,00,000	3 Years	25/05/2015
Dr Niyati Acharya	Glutathione Appended Polymer Nano Constructs of Asiatic Acid for Efficacious Neuro Protective Agents	Department of Biotechnology	45,56,800	3 Years	05/01/2015
Institute of Pharmacy	FIST Grant	Department of Science and Technology	55,00,000	5 Years	21/11/2014
Dr. Manjunath Ghate	Liquid Phase Combinatorial Synthesis of Benzimidazole Library for Antitubercular Activity	Department of Science and Technology	34,00,000	3 Years	31/10/2014

Minor Research Projects

Dr. Priti Mehta	Screening & Characterization of Anti-Cancer Bioactive Principle from the Indigenous Plants of Dang Forest, Gujarat	Gujarat Council on Science and Technology	3,00,000	2 Years	28/03/2016
Dr. Shital Panchal	Effect of Polyphenols Containing Plant Extracts in the Treatment and Prevention of Age Related Neuro-Degenerative Disorders	Gujarat Council on Science and Technology	5,35,000	2 Years	28/03/2016
Dr. Hardik Bhatt	Design and Synthesis of Novel Pteridine Derivatives as Auora Kinase Inhibitors for the Treatment of Cancer	Gujarat Council on Science and Technology	2,70,000	2 Years	28/03/2016

Dr. Shraddha Bhadada	Investigation of the Role of Tephrosia Purpurea in the Cardiovascular Complications in Rats	Gujarat Council on Science and Technology	3,90,000	2 Years	28/03/2016
Dr. Bhoomika Patel	Evaluation of Chemoprotective Potential of Active Constituent of L. Usitatissimum in Colon Cancer Associated with Diabetes Mellitus	Gujarat Council on Science and Technology	2,80,000	2 Years	28/03/2016
Dr. Niyati Acharya	Investigation into Neuroprotective Effects of Bergenia Ciliate Roots in Alzheimer's Disease with Special Reference to Bergenin	Gujarat Council on Science and Technology	3,22,000	2 Years	18/05/2015
Dr. Jigar Shah	Ocular Iontophoretic Delivery of Nanoparticles via Transscleral Route for Posterior Disease	Gujarat Council on Science and Technology	7,00,000	2 Years	18/05/2015
Dr. Renuka Mishra	Development and Optimization of Mucoadhesive Film for Treatment of Vaginal Candidiasis	Gujarat Council on Science and Technology	4,85,000	2 Years	30/03/2015
Dr. Jigna Shah	Investigation of Mechanism of Action of Selected Herbal Drugs for the Treatment of Attention Deficit Hyperactivity Disorder (ADHD)	Gujarat Council on Science and Technology	4,80,000	2 Years	30/03/2015
Dr. Vivek Vyas	Design and Synthesis of Quinoline Derivatives as Novel Apoptosis Inducers	Gujarat Council on Science and Technology	6,55,000	2 Years	30/03/2015
Dr. Bhoomika Patel	Evaluation of Anti-Hypertensive Agent in Cancer Cachexia Induced Cardiotoxicity	Nirma University	55,000	2 Years	14/09/2015
Dr. Niyati Acharya	Pharmacological Evaluation of Antiurolithiatic Activity of Roots of Grewia Flavescens	Nirma University	80,000	2 Years	14/09/2015

Dr. Shraddha Bhadada	Beneficial Effect of Pimpinella Anisum in Delaying Cataract	Nirma University	65,000	2 Years	14/09/2015
Ms. Palak Parikh	In-Silico Designing, Synthesis and Pharmacological Evaluation of Novel Anti Cancer Agents	Nirma University	90,000	2 Years	14/09/2015

Research Projects Completed:

Major Research Projects

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs in Lacs)	Duration of Project	Starting Date of Project (dd/mm/yyyy)
Dr. Snehal Patel	Isolation of Bioactive Compound from Fruit Juice of <i>Emblica Officinalis</i> and Investigation into the Molecular Mechanism of Action.	Department of Science and Technology	24,74,680	3 Years	26/04/2013

Minor Research Projects

Dr. Snehal Patel	Investigation into the Prevalence of Pre-Diabetic Status in Gujarati Population and Evaluation of its Association with Various Risk Factors	Research Society for the Study of Diabetes in India	1,95,000	2 Years	25/10/2014
Dr. Shital Butani	Development of Self Emulsifying Drug Delivery Systems for Poorly Soluble Antihypertensive Drug	Gujarat Council on Science and Technology	3,60,000	2 Years	30/06/2014
Dr. Charmy Kothari	Isolation and Characterization of Marker from Polyherbal Formulation	Gujarat Council on Science and Technology	5,00,000	2 Years	30/06/2014
Dr. Snehal Patel	Investigation into the Prevalence of Pre-Diabetic Status in School Going Children in Gujarati Population and Evaluation of its Association with Various Risk Factors.	Gujarat Council on Science and Technology	3,50,000	2 Years	30/06/2014

Dr. Jignasa Savjani	Computer Aided Drug Design and Pharmacological Evaluation of Cyclooxygenase-2 (COX-2) Inhibitors: An Efficient Conversion of Non-Steroidal Anti-Inflammatory Drugs to Potent and Highly Selective COX-2 Inhibitors	Gujarat Council on Science and Technology	3,50,000	2 Years	30/06/2014
Dr. Vimal Kumar	Development and Optimization of Formulations Containing Glycin Max (Soyabean), Moringa Oleifera and Phoenix Dactylifera for the Treatment of Malnutrition	Gujarat Council on Science and Technology	5,00,000	2 Years	30/06/2014
Dr. Mayur M. Patel	Investigating the Role of Histone Deacetylase(HDAC) Inhibitors in Diabetes and Colon Cancer, and Development of Site Specific Drug Delivery Systems	Gujarat Council on Science and Technology	4,00,000	2 Years	30/06/2014
Prof. Manjunath Ghate	In-Silico Designing, Synthesis and Pharmacological Screening of Dipeptidyl Peptidase-4 (DPP-4) Inhibitors as Novel Antidiabetic Agents	Gujarat Council on Science and Technology	5,00,000	3 Years	16/04/2013
Dr. Dhaivat C. Parikh	Studies on Exploring Novel Excipients for Drug Delivery in Oral Cavity	Nirma University	1,80,000	2 Years	16/05/2014
Dr. Renuka Mishra	Formulation, Design and Development of Sublingual Film of an Anti-Hypertensive Drug	Nirma University	90,000	2 Years	14/05/2014
Ms. Nagja Tripathi	Standardization and Evaluation of A	Nirma University	80,000	2 Years	14/05/2014

	Polyherbal Formulation for Metabolic Disorder				
Dr. Shital Panchal	Development of Oryzanol Formulation and its Pharmacological Evaluation for Neurodegenerative Disorders	Nirma University	1,00,000	2 Years	14/05/2014

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

Summary

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
2016-17	06	00	00	28	19	1.789
2015-16	13	05	0.475	46	28	2.282

Research Publications by Faculty:

International Journals:

- Bhavesh C. Variya, Bakrania, Anita K., Snehal S. Patel** (June 2016). "A Review for its Phytochemistry, Ethnomedicinal Uses and Medicinal Potentials with Respect to Molecular Mechanisms", Pharmacological Research, 15: 180-200. **IF:4.81**
- Omkar, Sherikar D., Chaudhary Komal, and Mehta J. Priti** (June 2016). "Identification and Structural Characterization of Major Degradation Products of Tapentadol by using Liquid Chromatography–Tandem Mass Spectrometry." Journal of Liquid Chromatography & Related Technologies, 39: 558-567. **IF: 0.71**
- Vyas, Vivek K., Qureshi, Gulamnizami, Manjunath Ghate, Hardik Patel Sarat Dalai** (June 2016). "Identification of Novel Pfdhodh Inhibitors as Antimalarial Agents via Pharmacophore-based Virtual Screening followed by Molecular Docking and in Vivo Antimalarial Activity SAR and QSAR" in Environmental Research, 27:427–440 **IF: 1.897**.
- Patel, Saloni B., Bhumika D. Patel, Christophe Pannecouque, and Hardik G. Bhatt** (July 2016). "Design, Synthesis and Anti-HIV Activity of Novel Quinoxaline Derivatives" European journal of medicinal chemistry 117: 230-240. **IF:3.902**
- Bakrania, Anita K., Bhavesh C. Variya, Snehal S. Patel** (July 2016). "Novel Targets for Paclitaxel Nano Formulations: Hopes and Hypes in Triple Negative Breast Cancer", Pharmacological research, 111: 577-591. **IF: 4.81**.

- 6 **Sharma, Om Prakash, Viral Patel, Tejal Mehta** (August 2016). "Nanocrystal for Ocular Drug Delivery: Hope or Hype." *Drug delivery and translational research*, 6:399-413. **IF: 1.887.**
- 7 **Prajapati, Bhumika, Prasant Kumar Jena, Tejal Mehta, Sriram Seshadri** (August 2016). "Preparation and Optimization of Moxifloxacin Microspheres for Colon Targeted Delivery using Quality by Design Approach: In Vitro and In Vivo Study." *Current drug delivery*, 13: 1021-1033. **IF: 1.446**
- 8 **Patel, Mansi, Priti Mehta, Sonal Bakshi, Shikha Tewari** (July–September 2016). "Effect of Phyllostachys Parvifolia Leaf Extract on Ionizing Radiation-Induced Genetic Damage: A Preliminary in Vitro Cytogenetic Study." *Journal of Ayurveda and integrative medicine* 7: 138-140.
- 9 **Bhangle, Jitendra O., Niyati S. Acharya, Sanjeev R. Acharya** (September 2016). "Protective Effect of Ficus Religiosa (L.) Against 3-Nitropropionic Acid Induced Huntington Disease." *Oriental Pharmacy and Experimental Medicine*, 16: 165-174.
- 10 **Srivastava Pavan, Vyas, Vivek K., Variya, Bhavesh, Patel Palak, Qureshi Gulamnizami, Manjunath Ghate** (August 2016). "Synthesis, Anti-Inflammatory, Analgesic, 5-Lipoxygenase (5-LOX) Inhibition Activities, and Molecular Docking Study of 7-Substituted Coumarin Derivatives" *Bioorganic Chemistry*, 67:130–138. **IF:2.252**
- 11 **Patel, S. Snehal., S. Nakka** (August 2016). "Protective Effect of Perindopril on Tumor Progression and Angiogenesis in Animal Model of Breast Cancer." *Anti-cancer agents in medicinal chemistry*, 17: 955-960 **IF: 2.722**
- 12 **Ingawale, D. K., Patel S Snehal.** (September 2016). "Anti-Inflammatory Potential of Hecogenin in Experimental Animals: Possible Involvement of Inflammatory Cytokines and Myeloperoxidase." *Drug research*, 66: 644-656. **IF: 0.701.**
- 13 **Butani Shital, Shah Tora, Parmar Kunal, Rajput Amarjit S.** (September 2016). "Development of Rizatriptan Benzoate Microspheres for Nose to Brain Targeting" *International Journal of Applied Pharmaceutics*, 8: 69-74.
- 14 **Shraddha V. Bhadada, Vivek K. Vyas, Ramesh K. Goyal** (October 2016). "Protective Effect of Tephrosia Purpurea in Diabetic Cataract through Aldose Reductase Inhibitory Activity *Biomedicine & Pharmacotherapy*, 83: 221–228. **IF: 2.326**
- 15 **Thakare Vishnu, Patel Bhoomika** (October 2016). "Potential Antidepressant-Like Activity of Silymarin in the Acute Restraint Stress in Mice: Modulation of Corticosterone and Oxidative Stress Response in Cerebral Cortex and Hippocampus" *Pharmacological Reports*, 68:1020-1027. **IF: 2.251**
- 16 **Shah, Niyati R., Patel Bhoomika M.** (October 2016). "Secoisolariciresinol Diglucoside Rich Extract of *L. Usitatissimum* Prevents Diabetic Colon Cancer through Inhibition of CDK4" *Biomedicine & Pharmacotherapy*, 83: 733-739. **IF: 2.326**
- 17 **Khan Mohammad Y., Vimal Kumar** (Oct 2016). "Phytopharmacological and Chemical Profile of *Bergenia Ciliate*" *International Journal of Phytopharmacy* 6: 2277-2928.

- 18 **Sharma, Om Prakash, Viral Patel, and Tejal Mehta** (November 2016). "Design of Experiment Approach in Development of Febuxostat Nanocrystal: Application of Soluplus® as Stabilizer" Powder Technology 302: 396-405. **IF: 2.825**
- 19 **Bakrania, Anita K., Bhavesh Variya C., Snehal S. Patel** (December 2016). "DMBA-Induced Breast Cancer: A Hormonal Camouflage." Current Cancer Therapy Reviews 12: 273-280.
- 20 **Suthar Vrunda, Butani Shital** (December 2016). "Preparation and Evaluation of Self-Micro Emulsifying Drug Delivery Systems (SMEDDS) of Lercanidipine Hcl using Medium and Short Chain Glycerides: A Comparative Study" Asian Journal of Pharmaceutics, 10: 256-264.
- 21 **Patel, Nrupesh, Khevana Pandya, Anuradha Gajjar** (December 2016). "An Overview of Different Analytical Techniques for Leukotriene Antagonists in Different Matrices." Current Pharmaceutical Analysis 12: 275-295. **IF: 0.885**
- 22 **Patel, Nrupesh, Tejas Dadhaniya, Anuradha Gajjar** (December 2016). "Supercritical Fluid Chromatographic Method for Montelukast: Application in Content Uniformity and Degradation Study." Current Analytical Chemistry, 12: 529-536. **IF:1.238**
- 23 **Patel Misari, Kothari Charmy** (January 2017). "Critical review of statins: A Bio-Analytical Perspective for Therapeutic Drug Monitoring" Trends in Analytical Chemistry, 86:206-221. **IF: 7.487**
- 24 **Panchal Shital S., Patida Rajesh K., Jha Abhishek B., Allam Ahmed A., Ajarem Jamaan, Butani Shital B.** (January 2017). "Anti-inflammatory and Anti-Oxidative Stress Effects of Oryzanol in Glaucomatous Rabbits" Journal of Ophthalmology, 2017, Article ID 1468716. **IF:1.463**
- 25 **Patel, Mayur M., Bhoomika M. Patel** (February 2017). "Crossing the Blood–Brain Barrier: Recent Advances in Drug Delivery to the Brain." CNS drugs: 1-25. **IF: 4.910**
- 26 **Patel Snehal, Shah Rajendra S., Goyal Ramesh K.** (February 2017). "Antihyperglycemic Effects of Formulation of Spray Dried Fruit Juice of Emblica officinalis in Streptozotocin Induced Diabetic Rats." Current Nutrition & Food Science, 13: 57-62.
- 27 **Mehta, Priti, Dhara Bhayani** (March 2017). "Impact of Space Environment on Stability of Medicines: Challenges and Prospects." Journal of pharmaceutical and biomedical analysis 136: 111-119. **IF:3.16**
- 28 **Patel, Bhumika D., Shraddha V. Bhadada, Manjunath D. Ghate** (March 2017) "Design, Synthesis and Anti-Diabetic Activity of Triazolotriazine Derivatives as Dipeptidyl Peptidase-4 (DPP-4) Inhibitors" Bioorganic Chemistry, 72:345-358. **IF: 2.252.**

Citation index of faculty member and impact factor:

Name of Faculty Member	Highest Impact Factor during April 2016- March 2017	Citation	H-Index
Prof. Manjunath Ghate	2.225	899	15
Prof. Tejal A. Mehta	3.425	716	12
Prof. Priti J. Mehta	3.169	150	7
Prof. Jigna Shah	2.15	174	6
Dr. Hardik G. Bhatt	3.905	262	9

Dr. Mayur M. Patel	4.910	687	12
Dr. Shital B. Butani	3.902	229	6
Dr. Jignasa K. Savjani	2.73	323	5
Dr. Shital S. Panchal	1.463	243	10
Dr. Niyati S. Acharya	0.49	195	9
Dr. Charmy Kothari	7.487	205	6
Dr. Snehal S. Patel	4.84	450	8
Dr. Bhoomika M. Patel	4.910	912	14
Dr. Jigar N. Shah	0.31	94	4
Dr. Vivek K. Vyas	2.326	400	11
Dr. Renuka D. Mishra	-	258	6
Dr. Shraddha Bhadada	2.326	428	8
Dr. Dhaivat C. Parikh	-	56	4
Ms. Nagja V. Tripathi	0.22	4	1
Dr. Dipal M. Gandhi	1.1	20	3
Mr. Nrupesh R. Patel	1.238	11	2
Dr.. Bhumika D. Patel	2.25	63	5
Ms. Palak K. Parikh	-	36	3
Dr. Mohit Shah	-	9	2

National Journals – Refereed Papers:

Acharya Niyati S., Patel Jagruti J. (May-Jun 2016) “Quality Assessment and Phytochemical Analysis of Clerodendrum Serratum Roots” International Journal of Phytopharmacy 6:51-57

- Pandya Disha Kumar Vimal** (July-Aug 2016) “Natural Cosmeceuticals – A Growing Segment of Skin and Hair Care Market” The Pharma Review 4: 61-65.
- Shah Partha, Acharya Niyati, Lalani Rohan, Santhanakrishnan Srinivasan** (September – October 2016) “Acne Vulgaris: An Update on Current Therapy and Advances in Treatment Strategies” Int. J. Pharm. Sci. Rev. Res., 40:234-244
- Nagja Tripathi, Vimal Kumar, Sanjeev Acharya** (Oct 2016). “Anti-diabetic Activity of a Polyherbal Formulation in Streptozotocin Induced Type 2 Diabetic Rats” Journal of Natural Remedies 16:148-152
- Variya Bhavesh, Modi Siddhart, Savjani Jignasa K., Patel Snehal S.** (January 2017) “In Silico Molecular Docking and Pharmacokinetic Prediction of Gallic Acid Derivatives as Ppar- Γ Agonists” International Journal of Pharmacy and Pharmaceutical Sciences, 9:102-107
- Acharya Niyati S., Patel Jagruti J.** (2016) “Phytochemical Evaluation and in Vitro Antioxidant and Anti-Inflammatory Effects of Clerodendrum Serratum Roots” International Journal of Pharmacy and Pharmaceutical Sciences, 8: 158-163.

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	A Text Book of Hospital Pharmacy	B. S. Shah Prakashan, Ahmedabad	81-8416-008-9	2016

Ongoing Research Collaboration / New collaboration:

- Dr. Priti Mehta (Principal Investigator), Dr. Snehal Patel (Co-Principal Investigator) are 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.
- Dr. Priti Mehta (Principal Investigator), is working in collaboration with Dr. Nasreen Munshi (Co-Principal Investigator) from Institute of Science on topic "Determination of Specific Absorption Coefficient for the Dominant Macro Algal Species of Indian Coastal Water- A Step Towards Developing Biomarkers & Community based Chlorophyll and Accessory Pigments Algorithm" worth Rs. 15,90,000/- from Space Applications Centre (ISRO) for the period of 2016-2018.

Awards and Recognitions (Institute/Department/Faculty)

- Dr. Jigar Shah received "Best Presentation Award" for his Research Paper "Combined Effect of Vesicular System and Iontophoresis on Skin Permeation Enhancement of an Analgesic Drug" presented as Oral presentation at 18th International Conference on Pharmacology and Pharmaceutical Medicine 2016 at Vancouver, Canada.
- Dr. Dhavit Parikh received "Best Paper Award" with First Position for Research Poster entitled "Formulation Optimization of Novel Medicated Chewing Gum for Treatment of Oral Fungal Infection" presented at 6th Indo-Japanese International Symposium, Goa on 23rd & 24th September, 2016
- Dr. Bhoomika M. Patel received best poster presentation award at Fifth International Conference on "International Conference of Pharmacoeconomics and Outcomes Research" held from 3rd to 4th March, 2017 organized by Society for Pharmacoeconomics and Outcomes Research and Delhi Pharmaceutical Sciences & Research University.

Research Awards/Prize/Schemes

- **New Fellowships during 2016-17**

Sr. No.	Roll No.	Student	Guide/ Co-guide	Fellowship
1	13FTPHDP14	Mr. Ankit Borisa	Dr. Hardik Bhatt	ICMR-SRF
2	16FTPHDP39	Namdev Dhas	Dr. Tejal Mehta	NU
3	16FTPHDP49	Keerti Vishwakarma	Dr. Hardik G. Bhatt	NU
4	16FTPHDP42	Parmi Patel	Dr. Jigna Shah	GSBTM
5	16FTPHDP46	Vivek Bora	Dr. Bhoomika M. Patel	SERB
6	JRF	Harpal Vala	Dr. Priti Mehta	SAC-ISRO
7	JRF	Priyanka Shah	Dr. Shital Panchal	ICMR-JRF

- **Ongoing Fellowships during 2016-17**

Sr. No.	Roll No.	Student	Guide / Co-guide	Fellowship
1	12FTPHDP12	Krishna Gajjar	Dr. Anuradha Gajjar	DST-INSPIRE Fellow
2	13FTPHDP15	Neha Shah	Prof. Tejal A Mehta	DST-INSPIRE Fellow
3	13FTPHDP16	Priyal Barai	Dr. Niyati S Acharya	DST-INSPIRE Fellow
4	13FTPHDP19	Manali Prajapati	Dr. Shital Butani	CSIR
5	14FTPHD25	Abhishek Jha	Dr. Shital Panchal	Nirma University
6	14FTPHDP33	Mitalben Patel	Dr. Charmy Kothari	Nirma University
7	14FTPHDP29	Viral Patel	Dr. Tejal Mehta	DST-INSPIRE Fellow
8	14FTPHDP30	Udit Chaube	Dr. Hardik Bhatt	DST-INSPIRE Fellow
9	15FTPHDP37	Chetan Dhal	Dr. Renuka Mishra	Nirma University
10	15FTPHDP35	Shruti Rawal	Dr. Mayur Patel	Nirma University

11	15FTPHDP36	Mansi Jitesh Patel	Dr. Priti J. Mehta	DST-INSPIRE
12	14FTPHDP27	Tejal Rawal	Dr. Shital Butani	DST-WOS-A
13	13FTPHDP21	Komal Chaudhary	Prof. Priti J Mehta	DST-WOS-A
14	JRF	Jayati Bhatt	Dr. Mayur M. Patel	NU-Major Research Project
15	JRF	Nikum Sitwala	Prof. Manjunath Ghate	Junior Research Fellowship-DST

Patents

Name of the Faculty Member	Title of the Patent	Patent filed in which Country	Year of Patent filing	Current status of the Patent (whether Patent granted or not)
Dr. Mayur Patel and Dr. Bhoomika Patel	A Formulation Comprising Chitosan-Ethylcellulose Microspheres For Treatment Of Inflammatory Bowel Disease	India	December 2016	Provisional Patent Application Filed

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

Revenue Generated in:

Financial Year	Consultancy	Testing	Training (seminar/workshop)
2016-17	Rs. 4,47,300/-	Rs. 5,400/-	Rs.7,02,736/-
2015-16	Rs. 6,51,193/-	Rs. 19,738/-	Rs.5,92,274/-

Extension Activities/Community services by Institute/Department:

Following social extension activities were organized at primary School of Jamyatpura village by B. Pharm Semester V and M. Pharm Semester IV students throughout the year 2016-17.

Sr.No.	Type of Activity conducted	Dates	Beneficiaries
1	Hygiene Awareness at Nirma University Campus	30-Jul-16	Students of NU
2	Awareness Program - Importance of Education	20-Aug-16	Jamyatpura Primary School Students
3	Awareness Program – Importance of Food and Nutrition	27-Aug-16	
4	Awareness Program - Importance of Hygiene	10-Sep-16	
5	Awareness Program – Malaria and Danguie	24-Sep-16	
6	Awareness Program - Importance of Sports	15-Oct-16	
7	Awareness Program - Importance of Cleanliness	19-Nov-16	

IV. INFRASTRUCTURE AND LEARNING RESOURCES

Library - learning resources added:

Number of Book for Technical Subjects During the Year 2016-17			
No. of Titles & Volumes Added During the Year		Cumulative Total No. of Titles & Volumes as on 31/03/2017	
Title	Volumes	Title	Volumes
44	70	3088	5104

Number of Book for Science & Humanities During the Year 2016-17			
No. of Titles & Volumes Added During the Year		Cumulative Total No. of Titles & Volumes as on 31/03/2017	
Title	Volumes	Title	Volumes
46	47	2367	3721

No. of Periodicals / Journals Including E-Journals During the Year 2015-16		Other Material Which Includes Software /CDs /Cassettes Other Audiovisual Materials	
Added during the year 2016-17	Cumulative Total as on 31/03/2017	Added during the year 2016-17	Cumulative Total as on 31/03/2017
Nil	24+3 +16 Print online= 106	Nil	47 CDS

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

Sr. No.	Supplier	Equipment / Machine	Cost
1	Olympus Corporation	Inverted Microscope	450000
2	Inkarp Instruments Pvt Ltd	High Pressure Homogenizer	1575000
3	Biokrom	Microtom System Model : 2402	149750
4	CMA Microdialysis AB	Stereotaxic with Microdialysis System	1675000
5	Inkarp Instruments Pvt Ltd	Ultrasonic Processor	365000
6	C.Gen Biotech	Freeze Dryer (Lyophilizer)	480000
7	Allince Enterprise	Nitrogen Evaporator	121000
8	Biokrom	Research Centrifuge Model: R 24	70875
9	Horiba Ltd (Japan)	Partical Size Analyser	2006880
10	KR Instruments	Nonviable 8 Eight stage cascade impector	696160

V- Student Support and Progression

Cut-off percentage marks – category wise

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

Category	Rank No. of student admitted (ACPC)	
	First Rank	Last Rank
TFWS	83	83
OPEN [GB]	131	4135
SC	1106	3443
SEBC	607	4071
CB	565	4121
ISCE	4249	7676
NRI /NRI Sponsored	394	7676

TFWS = Tuition Fee Waiver Scheme

CB = Central Board SC = Schedule Caste

SEBC = Socially & Economically Backward Class

ISCE = Indian School Certificate Examination

Admission status for M. Pharm

For the M. Pharm. Students, we admit the students on GPAT basis.

Cut off Rank for the admission to M. Pharm.

Sr. No.	Name of Specialization	In take	GPAT Rank		
			Admitted	Highest Cut-off	Lowest Cut-off
1	Pharmaceutical Technology & Bio-pharmaceutics	16	16	1489	NON GPAT
2	Medicinal Chemistry	5	5	2055	NON GPAT
3	Pharmacology	11	11	764	NON GPAT
4	Clinical Pharmacy	10	10	894	NON GPAT
5	Regulatory Affairs & Quality Assurance	16	16	178	NON GPAT
Total		58	58	--	--

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	Won Prize	Other Details
1	Jessica Desai	Cultural festival	Pharma Ad, Let's face it		Yes	
2	Bhumi Akani	Group Dance - Folk	NUZEAL 2017	31 st January & 1 st February, 2016	Yes	2 nd
3	Akash Parikh	Group Dance - Folk	NUZEAL 2017	31 st January & 1 st February, 2016	Yes	2 nd
4	Zeel Dhagat	Badminton tournament	Changa University	19 th /20 th January, 2016	Yes	2 nd
5	Kahini Patel	Badminton tournament	Changa University	19 th /20 th January, 2016	Yes	1 st
6	Prashil Panchal	Model United Nations	GMUN-Ahmedabad; IDC-Mumbai; ASP-Ahmedabad; IIMUN-Vadodara; ZYMUN-Ahmedabad; SIMUN-Surat; HLCCMUN-Ahmedabad;	June- December 2016	Yes	
7	Niti Jhaveri	Poster presentation	Akhilbhartiya vidhyarthiparishad organized pharmavision atbabaria institute of pharmacy BITS campus	17-18 September,2016	Yes	2 nd

8	Khyati Ashtekar	SCHOTT FIOLEX Scholarship Programme	SCHOTT Glass India Pvt. Ltd.	Academic year 2016-2017	Yes	Rs 25,000 scholarship
9	Siddharth Talati	Pharma Ad	Apocalypse	Academic year 2016-2017	Yes	2 nd
10	Siddharth Talati	Pharma Ad	Apocalypse	Academic year 2016-2017	Yes	1 st
11	Khyati Ashtekar	Elocution competition	Amrut Mody School of Management, Ahmedabad University	12 th -13 th February, 2016	Yes	2 nd
12	Aakruti Sharma	Pharma word	apocalypse	7 th -8 th August, 2016	Yes	2 nd
13	Aakruti Sharma	Pharma word	apocalypse	5 th August, 2016	Yes	2 nd
14	Aakruti Sharma	pharma mimic	AVALANCHE'16	18 th -19 th February, 2016	Yes	2 nd
15	Aakruti Sharma	marketo baazigar	AVALANCHE'16	18 th -19 th February, 2016	Yes	1 st
16	Aakruti Sharma	best drama, best actress	ONE ACT PLAY	31 st January, 2017	Yes	1 st
17	Aakruti Sharma	battle-a-board	Horizon		Yes	2 nd
18	Prashil Panchal	Model United Nations	ILNUMUN 3.0	27-29th jan	Yes	
19	Ankit Borisa	Poster presentation	RBF symposium	2-4 February, 2017	Yes	

No. of Co-curricular activities organized:

- Teacher's day was celebrated on 6th September, 2016 where many students participated to handle classed as a part of the celebration. Various events like Skit, Dance were performed by the students on this occasion
- Institute organized Foundation Day of Institute of Pharmacy on 1st October 2016. Various competitions like cartoon making, Documentary making, photography, Debate, Elocution and Extempore were held on the occasion of Foundation Day. The faculty members, alumni, existing students of B.Pharm were felicitated for their outstanding performance. The meritorious students of B.Pharm. 1st, 2nd & 3rd year were also awarded with the gold medals.
- Nirma Quest, national quiz competition was organized on 14th February, 2017. This involved pharma and non-pharmac quiz competition and more than 100 participants from various institutes participated.

Student Clubs in the Institutes/University – activities:

- Drama club students (Co-ordinator Dr. Dipal Gandhi) in association with NIPSA organized event called SPECTRA 2016 on 29th September, 2016 at Institute of Pharmacy, Nirma University. About 150 participants from various Pharmacy and other colleges, and majorly from IPNU took

part in various events like Patriotic Picasso (Painting), Kesariya (Body Painting), Rangoli, Skit, Dance and Elocution.

- Music club (Co-ordinator Ms. Nagja Tripathi) created a band named “Mist” which gave band performance at the cultural festival of Rostrum 2016.
- The Art and craft club members prepared rangoli on the occasion of Rostrum 2016 on 30th September, 2016.
- Arts & Crafts Club and Drama Club of in association with NIPSA conducted SPECTRA 2016 as a part of Independence day celebration on 29th August, 2016 at Institute of Pharmacy, Nirma University.
- Members of art & craft club prepared rangoli on the occasion of Foundation day on 1st October, 2016.
- Members of art & craft club prepared rangoli on the occasion of refresher course on 27th November, 2016.
- Drama club students of Institute of Pharmacy performed and participated in one act play competition where Dr. Dipal Gandhi served as coordinator. The play was performed on theme "Reality check" where they won 5 Trophies including best drama (1st prize) (Title of Play- Tum kab bologe?) (Participants- Siddharth Talati, Akruti Sharma, Umang Patel, Prashil Panchal, Rohit Manchani, Shrey Shah, Pooja Mehta, Jay Patel, Akash Patel), best director (2nd prize) , Best Actor (1st prize) (Siddharth Talati), Best Actress (1st prize) (Aakruti Sharma), Best Production (1st prize) (Rushi Joshi and Smit Patel)
- Music club gave a music band performance during Enigma' 17.
- Members of art & craft club prepared rangoli on the occasion of 2nd National Conference (NCIP) on “Emerging Trends in Drug Discovery, Development and Molecular Targets for Cancer Research” organized during 24th -25th January 2017.
- Members of art & craft club prepared rangoli on the occasion of Nirmaquest 2017

Sports activities:

Around 285 students of B. Pharm, M. Pharm and PhD participated in various Athletic and Non-athletic games viz. Running, throwing, Jumping, Chess, Carrom, Table Tennis, cricket, volleyball during academic year 2016-17.

Youth welfare and cultural activities:

- Anti-ragging poster competition was conducted by Dr. Jignasa Savjani and Dr. Dipal Gandhi on 2nd December 2016 where around 45 students has been participated in the event from Institute of Pharmacy, Nirma University.
- Rostrum'16 was organized on 29-30th September, 2016. Around 300 students participated in various events like Dance, Song, Drama, Admad and its organization. Shri Malhar Thakar, Famous gujarati movie actor was the chief guest of the function.
- RAMZAT-16, Rasgarba programme was organized at the University level on 15th October, 2016.
- NUZEAL, Inter-institute cultural festival was organized on 3rd January to 1st February, 2016. Students from Institute of Pharmacy participated in various events.
- Talent hunt “Euphoria'2017” was organized for first year students on 15th March' 2017 (Wednesday). Various events like Dance, Song, Drama, Admad were organized.
- Students participated in photography competition held at Nirma University on 20th January, 2017.

Performance in Sport activities:

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

Name of the Event	Winners (Boys)	Winners (Girls)
ShotPut	-	3rd Prize: Dhruvi Solanki
Discuss Throw	2nd Prize: Rahul Shukla	2nd Prize: Dhvani Patel
Long Jump	3rd Prize: Jeet Lariya	3rd Prize: Ankita Joshi
High Jump	-	3rd Prize: Swaleha Khambhatwala

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

	First Prize	Second Prize
100 Meter Running	Aishwarya Mishra	Akash Parikh
	Ankita Joshi	Zeel Dhagat
1500 Meter Running	Jeet Lariya	Urvish Patel
4 x 100 Meter Relay	Akash Parikh Team	Vandit Shah Team
	Ankita Joshi Team	Swaleha Khambhatwala Team
400 Meter Running	Urvish Patel	Jeet Lariya
	Ankita Joshi	Hema Pokar
800 Meter Running	Jeet Lariya	Mihir Bhatt
Carrom	Yash Parikh	Dushyantkumar Parmar
	Hema Pokar	Riya R
Chess	Malhar A. Shah	Harsh Mandaliya
	Molisha Soni	Aakruti Sharma
Discus Throw	Chintan Pansara	Yogesh Budha
	Dhwani Patel	Ria Vashishth
High Jump	Jeet Lariya	Urvish Patel
	Swaleha Khambhatwala	Ankita Joshi
Javelin Throw	Rashesh Patel	Farhan Talukdar
	Kruti Patel	Hema Pokar
Long Jump	Jeet Lariya	Vedant Bansal
	Ankita Joshi	Swaleha Khambhatwala
Shot Put Throw	Chintan Pansara	Yogesh Budha
	Dhwani Patel	Dhruvi Solanki
Table Tennis (Double)	Kulin Vainsh and Dushyantkumar Parmar	Neel Shah and Ronak Bavishi
	Prachi Shah and Zeel Dhagat	Fatema Rafique and Anal Barot
Table Tennis (Single)	Kulin Vainsh	Dushyantkumar Parmar
	Kahini Patel	Ria Vashishth

Number of students who have passed the following examinations (exams as applicable to respective institutes like: NET, SLETCAT, TOEFL, GRE, G-MAT, IELTS, GATE, GPAT, etc.

Sr. No.	Examinations	No. of Students
1	GPAT 2017	18
2	GRE	27
3	NMAT	3
4	TOEFL	9
5	IELTS	14
6	CAT	5 (Appeared)
7	GMAT	3

Alumni Association – activities supporting students

- The annual meet of IPNUAA (Institute of Pharmacy Nirma University Alumni Association) was organized on 26th January, 2017. More than 90 alumni members have joined for the annual meet (out of about 130 alumni who have given positive consent for attending). B. Pharm. students arranged various fun activities for entertainment of Alumni members. It was an excellent platform for final year Students to meet the Alumni personally have strengthen the networking. Alumni members have interacted with all faculty members and B. Pharm. students and shared their feedback and views.

Placement services to students

- 33 students of B. Pharm were sent for summer internship training at hospital / Industry / Pharma retail stores
- 13 Students of M. Pharm were sent for Project Research training combined with summer internship training.
- 10 students of M. Pharm were sent for only summer internship training.
- Mock interview session for B. Pharm. and M. Pharm. final year students were conducted
- Training session on Interview etiquette was carried out on 22nd December & 24th January, 2016
- Training session on Resume Writing was carried out on 10th December, 2016
- Two students from M.Pharm Pharmaceutical Analysis have been in-principle placed at Zydus PTC.
- Placement related visits carried out at 4 companies in Vadodara on 5th December, 2016
- Placement related visits carried out in 19 companies in Mumbai 18th and 19th October, 2016
- Placement related visits carried out at 6 companies in Ahmedabad in December, 2016.
- Communication Skill Training sessions for 20 hours were carried out for final year pharmacy students who were found to be weak in communication.
- Following Companies visited the campus for pharma students' recruitment and total 16 students were placed.
 - Sun Pharma
 - Sanofi India
 - Alkem Research
 - Torrent Research Centre
 - Zydus Cadila
 - Piramal Healthcare
 - Intas Pharma
 - Velocity Pharma
 - Amneal Pharma
 - Capital Novus
 - Meditab
 - Akash Institute
 - Allen Career Institute

**Institute
of
Science**

Institute of Science

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Institute at a glance 2016-17

The most outstanding achievement of Institute of Science for the year 2016-17 was an award of Rs. 92 lakhs towards “Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST)” grant Department of Science & Technology (DST), Government of India. Institute of Science continued outstanding research performance contributed by Faculty, PhD scholars and M.Sc. students. Dr. Vijay Kothari was bestowed with Best Teacher Award (Microbiology), during the Aufau International Awards, Dr. Sriram Seshadri was awarded “Outstanding Award for Research Excellence – 2016” and Dr. Nasreen S. Munshi was awarded by Nirma University for executing a Collaborative Research Project sanctioned by DBT, Ministry of Science and Technology, New Delhi. Two M.Sc. students were selected in Queen Elizabeth II Diamond Jubilee Scholarship program of Memorial University, Canada. Two Ph.D./M.Sc. (Ms. Kirhsna Bharwad and Mr. Ankit Naik) students won best poster awards during XXXI Gujarat Science Congress and International conferences while Dr. Suhani Palkhiwala was conferred with the Ph.D. degree. A two day national conference on “Malaria parasite biology- Drug designing & Vaccine development” was organized which was attended by distinguished researchers from all over the country. A CCE three day hands on training workshop on “Molecular Biology techniques-cloning to expression” was organized at the institute, Nine dignitaries visited the institute and several expert or invited lectures were arranged for students. The faculty members attended ten workshops and seminars and delivered twenty expert/invited lectures.

The faculty members completed three major grants (1DBT, 2 GSBTM) worth 76.97 lakhs, working on six ongoing projects (1DBT,5 DST) worth 202.83 lakhs and have received the sanction for six new grants worth 126.08 lakhs (SAC-ISRO, AYUSH, DST, DBT). Three minor projects worth 11.45 lacs are ongoing and a new project worth I lakh has been sanctioned. One book, two book chapters, twenty eight research papers in international journals and one in Indian journal were published by the faculty with average impact factor of 3.29. A total of twenty two papers were presented by faculty members and students in various national and international conferences. 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.

Institute at a glance 2015-16

The highlight of 2015-16 was outstanding research performance by Faculty, PhD scholars and M.Sc. students. Prof. Sarat Dalai and two PhD scholars (Mr. Rajesh Parmar and Mr. Parth Rajput), received

international travel grant to present their papers in international conferences held in USA. Two M.Sc./Ph.D. (Mr. Dhavan Sharma and Ms. Bhumika Prajapati) students won best oral presentation award during and international conferences, two M.Sc./Ph.D. (Ms. Suhani Palkhiwala and Mr. Parth Rajpur) received best poster prize and another Ms. Darshna Brahmhatt Queen Elizabeth II Diamond Jubilee Scholarship program. One seminar, a workshop on *in vitro* cell culture and three FDP's were organized at the institute. Ten dignitaries visited the institute and thirty six expert or invited lectures were arranged for students. The faculty members attended ten workshops. Minor changes in teaching scheme and modification of syllabus were carried out. Two interdisciplinary projects were carried out by M.Sc. students.

The faculty member/s completed three major grants (2 DBT, 1 GSBTM) worth 87.61 lacs, working on seven ongoing projects (DBT, DST, GSBTM) worth 212.59 lacs and have received the sanction two new grants worth 72.4 lacs (DST). Three minor projects of 7.25 lacs were completed and three projects worth 11.45 lacs are ongoing. Two book chapters and twenty nine research papers in international journals were published by the faculty with average impact factor of 2.97. A total of twenty two papers were presented by faculty members and students in various national and international conferences. The faculty received thirteen awards and recognition in the form of membership in the editorial board or reviewership of international journals. The faculty members delivered thirteen invited lecture. The institute carried out various extension, placement, sports, youth welfare and cultural and extracurricular activities.

Outstanding Achievement

- **Darshana Brahmhatt**, M.Sc. Biotechnology, and **Sejal Prajapati**, M.Sc, Biochemsity were selected in Queen Elizabeth II Diamond Jubilee Scholarship program of Memorial University, Canada. The scholarship sponsors the study, travel, and stay during two years. Darshana will start M.Sc. Biochemistry programme in the Memorial University of Newfoundland's School of Graduate Studies, Canada, in September 2016, following which, she will be eligible for the Doctoral programme.
- **Dr. Vijay Kothari**, Assistant Professor, ISNU was given **Best Teacher Award** (Microbiology), during the **Aufau International Awards** (2016) Ceremony organized by *Chemical Science Review and Letters*, Salem, on June 4, 2016.
- **Dr. Sriram Seshadri**, Assistant Professor of ISNU has been appointed as International Grant reviewer by Czech Science Foundation, Czech Republic for to his expertise on Gut Microbiota.
- **Dr. Nasreen S. Munshi** was awarded by Nirma University on 10th September, 2016, for executing a Collaborative Research Project entitled "Biotechnological Applications for Transforming the most abundant Bacteria from Industrial Waste Waters of South Gujarat for Bioremediation" worth Rs. 54.93 lakhs sanctioned by DBT, Ministry of Science and Technology, New Delhi.

- **Vijay Kotahri** acted as Guest Editor for a thematic issue (Anti-virulence approach with Quorum Sensing as the major target for dealing with the problem of antibiotic resistance) of Recent Patents on Biotechnology, volume 10, issue 2, published in October 2016, by Bentham Science Publishers.
- **Dr. Sriram Seshadri** was awarded “Outstanding Award for Research Excellence – 2016” under individual category at Indo-American Education Summit 2016 by The INDUS Foundation and Omics Publishing Group, USA.

Important Activities

- **Students** Association (INSSA) celebrated the Teacher’s Day at the Institute on 7th September 2016. Teacher's day was celebrated with great enthusiasm by students and faculty of ISNU. Students cut cake, gave potted flowering plant and mementos to all faculty and staff members appreciating the effort. Students actively participated in teaching activities to commemorate the day.
- **Institute** of Science with the stewardship of Prof. Sarat Dalai organized a National Conference on “Malaria Parasite Biology: Drug Designing & Vaccine Development” during September 9 & 10, 2016 under the aegis of Nirma University. It was indeed a meeting of its own kind in which eminent malaria scientists from all over India came forward to discuss one of the biggest challenges of humanity, human malaria parasites. The major objective was to develop novel approaches to introduce effective therapeutic interventions against human malaria parasite. Dr. Reinhard Glueck, CSO, Vaccine Technology Center, Zydus Cadila was the chief guest and Dr. Narottam Sahoo, Member Secretary, GUJCOST was the guest of honour for inauguration program. Dr. Anup Singh, Director General, Nirma University presided over the inauguration program. Dr. Rajeev Tyagi and Dr. Pranati Sar were the coordinators of this conference. More than 250 participants attended the conference including M.Sc. and Ph.D. students, faculty members, scientists, industry personals, etc. There were lecture sessions on themes like parasite biology, informatics, drug designing/drug resistance and immunology & vaccine, delivered by eminent scientists from renowned institutions of India. The students participated very actively in the poster presentations where they got opportunities to discuss and interact with experts comprehensively. As outcome of this conference, the proposed strategies included Artemisinin Combination Therapy (ACT), Transmission blocking regimen and targeting DNA repair mechanism as a plausible solution to malaria infection.

RENAISSANCE- 2016

- The Annual Cultural Festival of Institute of Science, RENAISSANCE- 2016 was held during 27-28th September, 2016 under the auspices of Board for Student’s Welfare, Nirma University at the ‘C’ auditorium. Shri Tushar Patel, renowned poet was the Chief Guest of the Inaugural function. Prof. Sarat Dalai, Director of Institute, Shri Hasmukhbhai Patel, Chief coordinator, Students Welfare Activities Board, Dr. Ameer Nair, Institute Coordinator, Students Activities and Dr. Nasreen Munshi, Co-Coordinator for Cultural Activities along with other faculty members, non-teaching staff, and students were present at the inaugural ceremony held on 27 September, 2016. A total of 96 students (86 girls , 10 boys) from ISNU participated in Mime, Skit, Debate, Elocution, Collage, Spot Painting, Cartooning, Rangoli, Solo Dance, Group Dance, Folk Dance, Solo song, Duet Song, Group Song. The Fine Arts events-Collage, Poster Making, Rangoli and on-the-spot painting were conducted within a week before the Annual Cultural programme. The winners of all events were given trophies. There was active participation by the students from Institute of Science in these events and won the appreciation of the judges.

- The ISNUAA had organized annual event 'MILAN' for the alumni members at IPNU seminar hall on 24th Dec. 2016.
- Fifty five students of previous batches enjoyed visiting their Alma Mater. The Nirma University Alumni Forum coordinator Ms. Lincy Gomez-Fernandez informed about the newly formed cell and its activities. Dr. Heena Dave, Secretary, ISNUAA updated the audience regarding academic, placement, research, and other activities of ISNU. Director, Prof. Sarat Dalai also informed about recent achievements of the institute which was applauded by all. The ISNU Student Association members introduced their activities. Distinguished alumni Ashish Pandya, a noted entrepreneur; Avantika Ahiya, a research scholar from IISER, Pune; and Dr. Mahendrasinh Rajput, Assistant Professor from Rajkot addressed the gathering. They shared their memories at ISNU and gave useful guidance. M.Sc. students of 4th and 1st semester performed dance, song, mime etc. They enjoyed their visit including lunch, cultural programme, and revival of memories.

CCE Workshop on "Molecular Biology Techniques: Cloning to Expression"

- A workshop for faculty members, research scholars, industry personals and students on "Molecular Biology Techniques: Cloning to Expression" was conducted during 16 to 18 January, 2017 by Institute of Science, under the aegis of Center of Continuing Education, Nirma University. The workshop was sponsored by ICMR, New Delhi and supported by Orange Biotech, Chennai. Dr. Shalini Rajkumar was Coordinator and Dr. Rajeev Tyagi was Co-coordinator for this workshop. The main objective of the workshop was to train young researchers and faculty members in techniques of recombinant DNA technology and acquaint them for research in molecular biology. This was achieved through brief theoretical sessions followed by hands on training. The workshop got very good response and total 16 participants attended the workshop, which included five internal students, three external students, three external research scholars, two external faculties and three industry personnel. The sessions were conducted by our internal faculty Dr. Shalini Rajkumar supported by her research scholars.
- The **National Science Day** is celebrated every year to widely spread a message about importance of science in daily life. Dr. Sonal Bakshi from ISNU and Dr. Mehul Naik from ITNU coordinated the event on February 28, 2017 under the national theme of "Science and Technology for Specially Aabled Persons". Eminent scientists (Prof. P.C. Kasavan and Dr. Madhu Singh) gave expert lectures. Exhibitions at the Institutes of Technology, Science and Pharmacy were organized to highlight the interdisciplinary research activity at NU.
- Women Development Cell (WDC) is proposing to initiate the Springboard **Women's Development Programme** for the female faculty and staff members of the University. The objective of the Springboard programme is to enable women to achieve their full potential both at work and in their personal lives and to increase their confidence. The programme would be conducted through series of workshop and other activities designed to allow women to explore their future in a practical way and learn to develop their skills and potential. The key areas of programme would include improving communication skills, Self-confidence, improving work/life balance and developing positive skills and attitude.
- In line of the above-said objective, WDC proposes to inaugurate the programme on the auspicious day of **International Women's Day** on 8th March 2017 and to mark the start of the programme with its first workshop on health, nutrition and building of personality and self-image.

Dignitaries Visited

- Shri Tushar Shukla, renowned poet and artist as a chief guest on Renaissance 2016
- Dr. Deven Dandekar, Director of Toxicology, Xenometrics LLC Kansas, USA
- Prof. T.G. Srivastava National Institute of Health & Family Welfare, New Delhi
- Dr. P.C. Kesavan, Distinguished Fellow (Honorary); from M.S. Swaminathan Research Foundation, Chennai
- Dr. Suraksha Agrawal, Professor at Dept. of Medical Genetics, Sanjay Gandhi Post Graduate Institute, Lucknow
- Dr. CRK REdDY, Chief Scientist CSIR-CSMCRI, Bhavnagar
- Dr. Hycinth Highland, Gujarat University
- Dr. Anju Pappachan
- Prof. V. S. Chauhan, ICGEB, New Delhi

I. Curricular Aspects:

- **No. of courses where major revision is made**

Minor revisions have been made in the syllabus of Cell Biology (Sem I) , Human Genetics (Sem II), Bioanalytical Techniques (Sem II) and Cancer Biology (Sem III).

- **Any other Initiative/Innovation in curriculum design**

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 will have to undergo 21 working days of industrial training/summer training to get the hands on filed experience and orientation for their future careers.

II Teaching – Learning and Evaluation

Innovation in Teaching-Learning & Evaluation

The students have Core courses, bridge courses and specialized elective courses and enrichment courses offered to them. The students' evaluation is done through Continuous Evaluation rather than a periodic evaluation.

Activities to sustain Healthy Practices

The students are prepared and guided to improve their writing and presentation skills. The Institute has been encouraging students to attend and present posters at various national and international level seminars & conferences to harness their research aptitude. In addition, the students also are provided with a platform to interact with leading researchers from across the country and the globe, who are invited to deliver expert lectures. 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 Institute such as Institute of Pharmacy and Institute of Technology depending upon the availability and the area of interest.

Name of the student	Title of the Project	Collaborating Institute and Faculty	Programme	Area
Darshna Ribadia, Kinjal Modi, Liza	In vitro assessment of cellular genetic	ITNU with Dr. Mehul Naik & Dr.	M.Sc. dissertation	Electronics & Communication

Ramani)	damage possibly linked with exposure to cell phone radiation	Sonal Bakshi	project	
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Exam Reforms Implemented

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

Number of Faculty Development Programmes availed by the Faculty

1. Attended two day NAAC sponsored and British Council supported National Seminar on ‘Quality initiatives: Gateways and Pathways to Institutional Excellence’ conducted by Academic development and Research Cell held at Nirma University, Ahmedabad during (March 3-4, 2017).
2. Attended one week national faculty development programme ‘Basics of Research Methodolgy’ organized from 11-17th July, at Gujarat technical University, Chandkheda Campus, Ahmedabad.
3. All faculty members attended a workshop on “Strategic Planning” on 22nd April, 2016 conducted by Prof. Varadharajan Iyer, Director, Centre for Continuous Education, at Institute of Science, Nirma University
4. Dr. Sonal Bakshi attended One day workshop on Plasma Technology, IPR, Gandhinagar, 29th April 2016
5. Dr. Sonal Bakshi, Prof. Sarat Dalai, Dr. Sriram Seshadri, Dr. Vijay Kothari and Dr. Rajiv Tyagi attended Biotechnology session of “Innovation in Science and Technology”, GSBTM, Mahatma Mandir, Gandhinagar, 30th Sept. 2016 .
6. Dr. Sonal Bakshi, Prof. Sarat Dalai, Dr. Sriram Seshadri, Dr. Vijay Kothari and Dr. Rajiv Tyagi attended Vibrant Gujarat: Stem cell 11th January 2017
7. Dr. Sonal Bakshi, Prof. Sarat Dalai attended GSBTM Biotechnology policy presentation: 23rd Feb. 2017
8. Dr. Sonal Bakshi attended Rare Disease Day seminar by FRIGE house; 26th Feb. 2017.

Invited/Endowment Lectures

List of Invited Speakers

Invited Speakers for Orientation Programme

- Prof. Parimal Mishra, Professor & Dean-Academics, DRILS, Hyderabad
- Dr. Milind Choudhari, WeInnovate Biosolutions Pvt. Ltd., Pune
- Prof. Vincent Vaz, Professional Counsellor & Trainer
- Mr. Dhaval Prajapati, Sr. Sales Manager, Borosil Glass Works Limited, Mumbai
- Ms Anindita Mehta, Dy Gen Manager & Laboratory Head, CERC, Ahmedabad
- Dr. Gaurav Gupta, Head Viral & Genetic Engineered Vaccines at Vaccine Technology Centre, Zydus Cadila, Ahmedabad
- Dr. Devina Bhardwaj, CEO INTERVEIN Laboratories Ltd., Ahmedabad
- Mr. Alok Patel, Business Development Manager, Theragen Etex BioInstitute, Ahmedabad

Invited Speakers As Expert Lectures

- Shri Tushar Shukla, renowned poet and artist as a chief guest on Renaissance 2016

- Dr. Deven Dandekar, Director of Toxicology, Xenometrics LLC Kansas, USA
- Prof. T.G. Srivastava National Institute of Health & Family Welfare, New Delhi
- Dr. P.C. Kesavan, Distinguished Fellow (Honorary); from M.S. Swaminathan Research Foundation, Chennai
- Dr. Suraksha Agrawal, Professor at Dept. of Medical Genetics, Sanjay Gandhi Post Graduate Institute, Lucknow
- Dr. CRK Reddy, Chief Scientist CSIR-CSMCRI, Bhavnagar
- Dr. Hycinth Highland, Gujarat University
- Dr. Anju Papachan, Asst. Prof. IIAR, Gandhinagar
- Prof. V.S Chauhan, ICGEB, New Delhi

Publications and Achievements by library staff:

- Svetal H, Shukla presented paper “Research Collaboration in Field of Molecular Biology: A Scientometric Study” at one day National Conference on Literature, Social Sciences, Regional Studies and Management Practices (LSRM 2017) at V. N. S. B. Ltd. Arts & Commerce College, Vadnagar on 18th February, 2017.
- Svetal H. Shukla Presented paper “Growth and Obsolescence of Literature in the Field of Agricultural Biotechnology” paper presented at International Conference on Changing Landscape of Science & Technology Libraries, IIT, Gandhinagar during 4 - 7 March, 2017.

Training Program for Non-Teaching Staff

- Mr. Parthiban Mudaliyar attended Training programme for Office Assistants during 21-26 November, 2016 organized by ADR Cell, Nirma University.
- Mr. Parthiban Mudaliyar attended Training Programme for the Office Assistants for Improvement of English during 21/01/2017 to 25/03/2017 (All Saturdays) organized by ADR Cell, 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)
2016-17	3	76.97	6	202.83	5	125.08
2015-16	3	87.61	6	160.49	3	124.50

Minor Research Projects funded by external agencies

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount (in lacs)	Number	Amount (in lacs)	Number	Amount (in lacs)
2016-17	0	0	3	11.45	1	1.00
2015-16	3	7.25	3	11.45	0	0

Numbers of Teachers allowed to participation in national / international conference based on the acceptance of research paper

Financial Year	National Conference		International Conference	
	Number	Amount	Number	Amount
2016-17	-	-	-	-
2015-16	1 (SB) CUG, 2NM, 1 SR	-	1 (NM)	-

Details:

• New Research Projects (Externally funded/University funded)

1. Dr. Nasreen Munshi was sanctioned a project entitled “Determination of Specific Absorption Coefficient for the Dominant Macro Algal Species of Indian Coastal Water- A Step Towards Developing Bio Markers and Pigments Algorithm” by SAC-ISRO : Collaborative interdisciplinary project with IPNU, Dr. Priti J. Mehta (PI), Dr. Sanjeev Acharya (Co-PI), Dr. Nasreen Munshi (Co-PI) with grant of Rs. 16.00 lakhs.
2. Dr. Sonal Bakshi was sanctioned project “Development of Neoadjuvant from Medicinally Important Bamboo Plants for Radiotherapy in Cancer” from Ministry of AYUSH with grant of Rs. 42.12 lakhs.
3. Dr. Vijay Kothati was sanctioned a minor project “Investigation on QS Modulatory Potential of Herboheal” from SRISTI-DBT-BIRAC with grant of Rs. 1 lakh.
4. Dr. Pranati Sar was sanctioned a project entitled “Regulation of MHC II expression: Immunity to malaria” by Department of Science and Technology- Science and Engineering Research Board, New Delhi, India with a grant Rs. 35.10 lakhs.
5. Dr. Sriram Seshadri, Assistant Professor got a project sanctioned from Gujarat State Biotechnology Mission (GSBTM) entitled “Elucidating the Role of Short Chain Fatty Acids (Scfas) and its Receptors in High Sugar Diet Induced Type II Diabetes” with grant of Rs.22.51 lakhs.
6. Dr. Sriram Seshadri, Assistant Professor got a project sanctioned from Department of Biotechnology (DBT) entitled “Investigation of the Regulatory Role of Mir-712 in Inflammation Induced Skeletal Muscle Insulin Resistance” with grant of Rs. 9.35 lakhs.

• Ongoing Research Projects (Major)

1. Prof. Sarat K Dalai is working on a project on “Infectious Nature of Plasmodia Modulating the Innate Response of Host in Liver Stage Infection Deciding the Fate of Adaptive Immunity” Dept. Science and Technology New Delhi worth 52.10 lakhs
2. Dr. Sarat Dalai, is working on project titled “Development of Chimeric IL-15 to Improve its Bioavailability and Efficacy” from Department of Biotechnology, GoI for financial support. (Rs. 34.18 lakhs)
3. Dr. Shalini Rajkumar is working on a project “Molecular basis of Succinate Mediated (Catabolite) Repression of Mineral Phosphate Solubilization in Nitrogen Fixing *Klebsiella pneumoniae* by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India with grant of Rs. 28.88 lakhs.
4. Dr. Sonal R. Bakshi, Assistant Professor got a project sanctioned from Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology (DST) , Government of Gujarat entitled “Idiopathic Mental Retardation and Dysmorphisms: Karyotypic and UPD analysis” with grant of Rs.15.27 lakhs
5. Dr. Ameer K. Nair, Assistant Professor received a major project sanctioned from Department of Science and Technology (DST) titled “Role of Synaptogenic Adhesion Molecules (SAMs) in Insulin Secretion: Effect of Diabetes and Hypoglycemia”. The total amount sanctioned for the project is Rs. 29.40 lakhs.

6. Dr. Rajeev Tyagi, Assistant Professor, was sanctioned a project titled ‘Humanized Liver’ to Study Liver Stage Infection of Plasmodium Falciparum’ by Department of Science and Technology-SERB, New Delhi worth Rs. 43 lakhs

• **Ongoing Research Projects (Minor)**

1. Dr. Sonal R. Bakshi, Assistant Professor got a project sanctioned from Gujarat Council on Science and Technology (GUJCOST) entitled “Downs Syndrome in Gujarat: Molecular Probing In Origin” with grant of Rs.6 lakhs.
2. Vijay Kothari was sanctioned a grant of Rs. 3.99 lakhs for the project “Investigation of the Molecular basis of Enhanced Exopolysaccharide (EPS) Production by Xanthomonas Campestris under Influence of Audible Sound” by GUJCOST (GUJCOST/MRP/2014-15/2557). Duration of the project is two years.
3. Dr. Ameer K. Nair, Assistant Professor got a project sanctioned from Gujarat Council on Science and Technology (GUJCOST) entitled “Demographic Survey of Major Cities of Gujarat for Creation of Diabetic Map”. The total amount sanctioned for the project is Rs. 1.46 lakhs.

• **Research Projects Completed**

The Institute has successfully completed three external funded projects. The details of the same are as follows.

1. Prof. Sarat K Dalai project sanctioned from DBT, New Delhi entitled Understanding the nature of liver-stage specific CD8+T cells generated following Infectious sporozite challenge that ensue long-lived protection against plasmodia infection. The total amount sanctioned for the project is Rs. 42.89 lakhs and the duration of the project is three years.
2. Dr. Shalini Rajkumar, project “Biochemical basis of repression of MPS phenotype in rhizobia” as by Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology (DST), Government of Gujarat 14.33 lakhs for 2 years.
3. Dr. Sarat K. Dalai, Professor is working on a project sanctioned from Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology (DST), Government of Gujarat entitled “Identification of CD8+T cell – specific to liver-stage antigens of *Plasmodium berghei* to understand anti-malarial protective immunity”. The total amount sanctioned for the project is Rs. 19.75 lakhs.

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

Research Publication in financial year 2016-17

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
2016-17	0	0	0	29	15	3.29

2015-16	0	0	0	29	28	2.97
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Research Publications by Faculty

1. Prof. Sarat K. Dalai, ISNU and two others published a paper entitled “Interleukin 15: A Key Cytokine for Immunotherapy” in the journal *Cytokine and Growth Factor Reviews*” on June 07, 2016, DOI: <http://dx.doi.org/10.1016/j.cytogfr.2016.06.001> (Impact Factor: 6.571)
2. Prof. Sarat K. Dalai, ISNU with Dr. Rajeev Tyagi, ISNU and four others published a paper entitled ‘Route of Administration of Attenuated Sporozoites is Instrumental in Rendering Immunity against Plasmodia Infection’ in the journal, *Vaccine* on 6 May 2016, doi:10.1016/j.vaccine.2016.04.095 (Impact Factor: 3.624)
3. Dr. Shalini Rajkumar, ISNU and five others published a paper entitled ‘Organic Acid Mediated Repression of Sugar Utilization in Rhizobia’ in the journal *Microbiological Research*. 192: 211–220, 2016 (Imp factor: 2.56)
4. Dr. Sriram Seshadri, ISNU and four others published a paper entitled “Preparation and optimization of moxifloxacin microspheres for gut targeted delivery using quality by design approach: in vitro and in vivo study in the journal *Current Drug Delivery* (2016), 13, 1021-1033. (Impact Factor – 1.478).
5. Dr. Vijay Kothari, ISNU and two others published a paper entitled ‘Quorum Sensing Inhibition: A New Antimicrobial Mechanism of Panchavalkal, An Ayurvedic Formulation, in the journal *Bombay Hospital Journal*, 58(2): 198-204.
6. Dr. Vijay Kothari, ISNU published a paper entitled “Microwaves, Salt-loving bacteria, Music, and The Antivirulence Approach: A Short Commentary on Research Carried Out in Our Lab, and Some Lessons Learned en route.” In the journal *Current Biochemical Engineering*, 3(3). DOI: 10.2174/2212711903666160714170205.
7. Dr. Nasreen S. Munshi, ISNU and five others published a research paper entitled “Assessment of Enzyme Activity and Functional Microbial Diversity in Coastal and Desert Soil Ecosystems of Gujarat” in *Journal of Enzymology and Metabolism*, 2(1): 107, June 2016. ISSN: 2455-4774
8. Dr. Rajeev Tyagi of ISNU with four others published a paper entitled ‘Effective transdermal delivery of methotrexate through nanostructured lipid carriers in an experimentally induced arthritis model’ in the journal *Colloids Surf B Biointerfaces*. 2016 Jul 20;147:17-24. doi: 10.1016/j.colsurfb.2016.07.046. [Epub ahead of print],
9. Dr. Rajeev Tyagi of ISNU with seven others published a paper entitled “Fucose Decorated Solid-Lipid Nanocarriers Mediate Efficient Delivery of Methotrexate in Breast Cancer Therapeutics” in the journal *Colloids Surf B Biointerfaces*. 2016 Oct 1;146:114-26. doi: 10.1016/j.colsurfb.2016.05.051. Epub 2016 May 18.
10. Dr. Sonal Bakshi and Dr. Priti Maheta with two others published a paper entitled “Effect of *Phyllostachys parvifolia* (Bamboo) Leaf Extract on Ionizing Radiation-induced Genetic Damage: A Preliminary in-vitro cytogenetic study” in the *Journal of Ayurveda and Integrative Medicine* ISSN: 0975-9476. 2016 [in-press, online on 19/9/16], accepted in Sept.
11. Dr. Sonal Bakshi and two others published a paper entitled “Apert Syndrome with S252W FGFR2 Mutation and Characterization using Phenomizer: an Indian Case Report” in the ‘*Journal of Oral Biology and Craniofacial Research*’ [accepted, 5th July 2016]
12. Dr. Shalini Rajkumar and two others published a book *Bionanocomposites: Pharmaceutical applications* Paperback (2016). LAP LAMBERT Academic Publishing. Germany. ISBN-10: 3659920428
13. Garg NK, Sharma G, Singh B, Nirbhavane P, Tyagi RK, Shukla R, Katare OP. “Quality By Design (Qbd)-Enabled Development of Aceclofenac Loaded-Nano Structured Lipid Carriers (Nlcs): An Improved Dermatokinetic Profile for Inflammatory Disorder(s). *Int J Pharmaceutics* (IF: 3.994)

14. Tyagi RK*, Parmar R, Patel N. A generic RNA pulsed DC based approach for developing therapeutic intervention against Nasopharyngeal Carcinoma. *Hum Vaccin Immunother*. PMID: 27901642, DOI: 10.1080/21645515.2016.1256518 (IF: 2.5)
15. Tyagi RK*, Miles Brodie, Cutler CW et al, 2016. Human IDO-Competent, Long-Lived Immunoregulatory Dendritic Cells Induced by Intracellular Pathogen, and Their Fate in Humanized Mice. *Nature Scientific Reports* | 7:41083 | DOI: 10.1038/srep41083. (IF: 5.9)
16. Suhani Patel, Palak Patel, Sonal R. Bakshi; "Titanium dioxide nanoparticles: An in vitro study of DNA binding, chromosome aberration assay, and comet assay" in the journal *Cytotechnology*, accepted on 10th Dec 2016, Impact factor: 1.8.
17. Fulesh Kunwar, Kiran Tandel & Sonal R Bakshi, "Recurrent Chromosomal Translocations: Is Proximity a Rule?" *Indian Journal of Experimental Biology*, Vol. 55, January 2017, pp. 15-20, Impact factor:1.165
18. Kothari V (2016) Eukaryotic Microorganisms in Microbiology Syllabi: Better Representation Needed. *J Appl Biotechnol Bioeng* 1(1): 00007. DOI: 10.15406/jabb.2016.01.00007;
19. Kaveri Purandhar, Nivedita Pareek, Disha Patel, Bhavin Patel and Sriram Seshadri. Study of the histoarchitectural and biochemical changes with progression of age in male mice. *Zoologica Poloniae*, (2016), 59: 53-78
20. Bhagya Iyer and Shalini Rajkumar (2017) "Host Specificity and Plant Growth Promotion by Bacterial Endophytes" *Current Research in Microbiology and Biotechnology*. 5(2) (2017): 1018-1030.
21. Pinakin Khambhala, Purva Paliwal, Vijay Kothari (2017). "Microwave Mutagenesis of *Brevibacillus Parabrevis* for Enhanced Cellulase Production, and Investigation on Thermostability of this Cellulase" *Journal of Microbiology, Biotechnology and Food Sciences*, 6(5). Also available at: doi:http://dx.doi.org/10.1101/064410; bioRxiv 064410.
22. Kothari V (2017). "Are We Giving Enough Recognition to the Better Lot of Our University Teachers?" *Journal of Applied Biotechnology and Bioengineering*, 2(1):00018. DOI:10.15406/jab.2017.02.00018.
23. Dr.Vijay Kothari, Chinmayi Joshi, Pooja Patel (2017). "Alternatives to Conventional Antimicrobials: Exploring New Strategies" In: *Resistance to Antibiotics: Are we prepared to Handle This Growing Ghost?* (ed: Ashima Bhardwaj), OMICS Group eBooks, USA.
24. Tapasa Kumar Sahoo, Prasant Kumar Jena, Bhumika Prajapati, Laxita Gehlot, Amiya Kumar Patel and Sriram Seshadri. In vivo Assessment of Immunogenicity and Toxicity of the Bacteriocin TSU4 in BALB/c mice. *Probiotic and Antimicrobial Proteins*, 2017; DOI 10.1007/s12602-016-9249-3 (Impact Factor – 1.283).
25. Pant A, Pasupureddy, R, Pande V, Seshadri S, Dixit R and Pandey KC. Proteases in Mosquito Borne Diseases: New Avenues in Drug Development. *Current Topics in Medicinal Chemistry* (2017), 17 DOI: 10.2174/1568026617666170130122231 (Impact Factor – 2.998)
26. Dr.Sriram Seshadri. *Asthma and Vitamin D. Preventive Care Today*, New Jersey, USA, ISBN: 2470-7724, 3(3): 17-18, 2017.
27. Dr.Sriram Seshadri. Microbial Communication via Quorum Sensing: Influence and Alteration of Gut Ecosystem. *Journal of Biochemistry and Molecular Biology*; 4(1): 1020-1023, 2017 (Impact Factor – 2.28).
28. Tyagi RK*, Miles B, Parmar R, Garg NK, Dalai SK & Cutler CW*. Human IDO-competent, long-Lived Immunoregulatory Dendritic Cells Induced by Persistent Intracellular Pathogen, and their Tracking in Humanized Mice (*Nature Scientific Reports*: 7: 41083 DOI: 10.1038/srep41083) IF: 6.1* Corresponding author
29. Garg NK, Sharma G, Singh B, Nirbhavane p, Tyagi RK, Kushwah V, Jain S, Katare OP*. Quality by Design (Qbd)-Enabled Development of Aceclofenac Loaded-Nano Structured Lipid Carriers (Nlcs): An Improved Dermatokinetic Profile for Inflammatory Disorder(s). *Int J Pharm*. 2017 Jan 30;517(1-2):413-431. doi: 10.1016/j.ijpharm.2016.12.010. Epub 2016 Dec 9. IF: 4.01

30. Rawal T, Parmar R, Tyagi RK, Shital Butani. Rifampicin Loaded Chitosan Nanoparticle Dry Powder Presents an Improved Therapeutic Approach For Alveolar Tuberculosis. (Colloids and Surfaces B: Biointerfaces, <http://dx.doi.org/doi:10.1016/j.colsurfb.2017.03.044>) IF: 4.01

National Journals – Refereed Papers

1. Dr, Vijay Kothari, ISNU and two others published a paper entitled “Quorum Sensing Inhibition: A New Antimicrobial Mechanism of *Panchavalkal*, An Ayurvedic Formulation.” *Bombay Hospital Journal*, 58(2): 198-204. (2016).

Total Impact Factor & Citation Index

Total Impact Factor – 49.40

Other Publications (Books, Chapter in Books, Case Studies, Manual Monographs, articles, etc.)

Book Chapter:

1. **Dr. Shalini Rajkumar**, ISNU and two others published a book chapter entitled Enhancing Soil Health and Plant Growth Promotion by Actinomycetes. In: Plant Growth Promoting Actinobacteria, A New Avenue for Enhancing the Productivity and Soil Fertility of Grain Legumes, 33-45. Subramaniam Gopalakrishnan, Arumugam Sathya, Rajendran, Vijayabharathi (Eds.) Springer –Singapore (2016).
2. **Nasreen Munshi** and **Purvi Zaveri** of ISNU et al, “Performance Analysis of Separators in Dual Chambered Microbial Fuel Cell and Treatment of Combined Industrial Effluent of South Gujarat.” Proceedings of the First International Conference on Recent Advances in Bioenergy Research. S. Kumar, S. K. Khanal, Y. K. Yadav (Eds.), Springer India, pp: 319-329, May 2016. Print **ISBN**: 978-81-322-2771-7, Online **ISBN**: 978-81-322-2773-1, DOI: 10.1007/978-81-322-2773-1_24.

Expert Lectures Delivered by Faculty:

1. Dr. Sriram Sheshadri addressed the audience at Indo-US Educational Summit-Sept. 26, 2016 on the need for academic and research collaboration with foreign universities.
2. Dr. Heena Dave, Assistant Professor of ISNU invited as a guest faculty for workshop on “Application of Real Time PCR in Medical Biotechnology’ at FRIGE-Institute of Human Genetics during Aug. 11 to 13, 2016 and delivered two lectures on “Relative and absolute quantification strategies’ and ‘Challenge of Normalization in qPCR’ as well as conducted hands on training on ‘Relative quantitation and absolute quantitation.
3. Dr. Rajeev Tyagi, Assistant Professor of ISNU delivered an invited talk ‘Highly Artemisinin-Resistant Plasmodium falciparum with Quinine Co-Resistance Emerges under in vivo Artesunate Pressur’ in 9th National Conference on Medical Arthropodology entitled “Emerging and re-emerging vector-borne diseases: surveillance and control” organized by Sir Ronald Ross Institute of Parasitology, Osmania University, Hyderabad during Aug 20-21, 2016.
4. Dr. Nasreen Munshi, Assistant Professor of ISNU was Invited for a talk on “Hydrocarbon Bioremediation in CETP Wastewater by the Most Abundant Bacteria” in One Day National Workshop cum Brain Storming Session on “Development of next generation cost effective technologies for wastewater reuse and restoring the polluted sites” organized by PG Department of Biosciences and UGC Centre of Advanced Study, S.P. University, Vallabh Vidyanagar, Gujarat on 3rd October, 2016.
5. Dr. Nasreen Munshi, Assistant Professor of ISNU attended a National Workshop on “Impact of Climate Change on Coastal Ecosystem” organized by CSIR-CSMCRI, Bhavnagar in collaboration with CSIR-NISCAIR, New Delhi during 9th – 10th June, 2016.

6. Dr. Rajeev Tyagi, Assistant Professor of ISNU attended 3rd annual symposium: "Using High Quality Rodent Disease Models in Pharma R&D" organized jointly by Taconic and Vivo Bio Tech Pvt Ltd Venue: Radisson Blu, Hyderabad, India on Aug 22, 2016.
7. Dr. Sriram Seshadri, Assistant Professor of ISNU gave an invited talk on "Need for Collaborative Research at Indian Universities to Improve their Standard of Teaching and Research" at the Indo-US Educational Summit on 26th September, 2016.
8. Dr. Sonal R. Bakshi delivered invited lecture entitled "Illuminating Genetic Alterations: F.I.S.H. Based Approaches for Next Level of Genetic Diagnosis" on 1st Oct. 2016 at the Short Term Course on 'Advances in Genetic Diagnosis' from 27th September to 3rd October, 2016 organized by the Department of Zoology, Biomedical Technology and Human Genetics, Gujarat University.
9. Dr. Sriram Seshadri gave an invited talk on "Understanding the Role of Toll Like Receptors (TLrs) in Progression of Ageing" at the World Congress of Gerontology and Geriatrics, 4th International Conference on Healthy Ageing in the Changing world. Held at IISc, Bangalore on 23rd-25th November, 2016.
10. Dr. Sriram Seshadri gave an invited talk on "Genetically Engineered Probiotic Lactobacillus: as a novel therapeutic strategy against urinary tract infection" at the 3rd World Congress on Gynecology & Pediatrics. Held at IISc, Bangalore on 23rd-25th November, 2016.
11. Vijay Kothari delivered a talk on A Career in Biology, at Rajasthan High School, Ahmedabad on Dec 23, 2016, during Science Seminar supported by GUJCOST and GSA (Gujarat Science Academy).
12. Vijay Kothari delivered a talk on Molecular basis of quorum modulatory properties of Pentaphyte P-5 (a Panchvalkal extract): In vivo efficacy and gene expression studies; during Tadvidya Sambhasa XI, organized by Dr. Palep's Medical Research Foundation, at Nehru Science Center, Mumbai, on October 8, 2016.
13. Dr. Tyagi Delivered an invited lecture on Cell signaling and non-adaptive immunity at BISAG organized by GSBTM, Gandhinagar. This lecture was organized to help NET aspirants understand the basic concepts of cell signaling and immunology (Dec 12, 2016)
14. Prof. Sarat Dalai was invited and delivered a talk entitled "Modulation of CD8a⁺ DCs by infectious sporozoites correlates with enhanced protracted protection against liver stage *Plasmodium* infection" 16th - 18th Feb, 2017 Immunocon - GITAM Institute of Medical Sciences and Research
15. Prof. Sarat Dalai was invited and delivered a talk entitled "Inclusion of Poorly Immunogenic MBP favors Generation of OVA specific CD4 T cell Memory" on 4th March, 2017 - One day National Seminar on Immunological Advances in Health Management: Current scenario & Future Perspectives, CUG Gandhinagar, Gujarat.
16. Dr. Shalini Rajkumar was invited as a resource person at UGC-CAS Department of Biosciences, Saurashtra University organized National Conference on "BIODIVERSITY AND BIORESOURCE UTILIZATION" during 9-10 March, 2017. The title of her talk was Mechanisms and Application of Genome Editing Technologies in Biodiversity and Bioresource Utilization
17. Dr. Vijay Kothari: Altered gene expression associated with enhanced violacein production in sonic-stimulated culture of Chromobacterium violaceum, talk delivered during second conference on Next Generation Sequencing, at Center for Cellular and Molecular Biology, Hyderabad on Feb 24, 2017.
18. Dr. Vijay Kothari: Scientometrics, journal rankings, and peer-review process, talk delivered at Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat on Feb 18, 2017.
19. Dr. Sriram Seshadri attended DST Investigator's Meet at Dr. Reddy's Institute of Life Sciences, University of Hyderabad, Hyderabad and gave an invited talk on "Modulation of Gut Microflora as an Alternative Strategy for the Diabetes Prevention/ Treatment on 26-27th January, 2017.

20. Dr. Sriram Seshadri gave an invited talk at School of Life Sciences, Central University of Gujarat, Gandhinagar on “Our Understanding of Gut Microflora as an Alternative Strategy for targeting metabolic disorder” the Diabetes Prevention/ Treatment on 24th March, 2017

- **Extension Activities/ Community Services by Institute/ Department**

1. INSSA student members from Semester-1 collected useful items like clothes, toys, food, etc. from ISNU and distributed it to the needy families in and around Nirma University campus on 24th Dec. 2016 to celebrate X’mas and also as a part of their Social Extension Activity course.

E-BOOK AND AUDIO BOOK DONATION

2. Shri R.P. Soni (National Award winner Faculty from Blind People Association) with his student Mr. Jignesh Shah visited ISNU on 13th Jan. 2017 and demonstrated various approaches for preparing e-books and audio books for the visually challenged persons. They appreciated the efforts by ISNU for making the study material available to blind students. Heema Joshi & Raunak Agrawal, students from IMNU carried out very informative session on DAISY (Digital Accessible Information SYstem) on 6th Jan 2017 distributed the software and related reading material to the students.

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

The faculty members are having linkages with THSTI, Faridabad , Jawaharlal Nehru University (JNU) New Delhi, National Institute of Immunology (NII) New Delhi, Indian Institute of Science (IISc) Bangalore, Maharaja Sayajirao University (MSU) Baroda, Indian Institute of Advanced Research (IIAR), Gandhinagar, Gujarat State Biotechnology Mission (GSBTM), Gandhinagar, Forensic Science Laboratory (FSL) Gandhinagar, Gujarat Cancer Research Institute (GCRI), Xcelris Genomic Lab, Department of Nanoscience, Central University of Gujarat, Supatech Genopath laboratory, AGILE lab, New Delhi, GPS bio, Hyderabad and 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

Books (Volumes)	2,348
Books (Titles)	2080
Print Periodicals	6
E-journals	10
Newspapers	3
Electronic Media (CD-ROMs)	104
Photo Albums	20
Project Reports	259
Bound Volumes	384

Laboratory facilities – Major additions

1. All the classes in Institute of Science have been converted to research laboratories. The research wing also has a plant growth chamber, laminar air flow area (microbial handling), separate autoclaving and decontamination area and one air conditioned central instrumentation facility in the ground floor of Institute.

2. In the last academic session, the major equipments purchased and successfully installed include two 1mg capacity, One 0.1mg capacity weighing balance, water bath, autoclave, Gel rocker, vacuum pump, Flojo software and an attached computer.

V Student Support and Progression

Admission details with cut-off percentage marks – category wise

The Institute does not have any cut-off percentage marks for the admission in the M. Sc. programme offered by the Institute. The minimum percentage of marks required for seeking admissions is 55% in their graduation. Further admission is given purely on the basis of the merit obtained in the Entrance Examination conducted by the Institute.

Student Achievements

1. **Darshana Brahmhatt**, M.Sc. Biotechnology, and **Sejal Prajapati**, M.Sc, Biochemistry were selected in Queen Elizabeth II Diamond Jubilee Scholarship program of Memorial University, Canada. The scholarship sponsors the study, travel, and stay during two years. Darshana will start M.Sc. Biochemistry programme in the Memorial University of Newfoundland's School of Graduate Studies, Canada, in September 2016, following which, she will be eligible for the Doctoral programme.
2. **Ms. Vishakha Bhurani** was deliver a talk entitled "Inducing long-lived memory through vaccination: Taking cues from Nature" on 4th March, 2017 - *One day National Seminar on Immunological Advances in Health Management: Current scenario & Future Perspectives, CUG Gandhinagar, Gujarat.*
3. **Ms. Krishna L. Bharwad**, PhD scholar received Best Poster Award for "Succinate Mediated (catabolite) Repression of Oxalic acid production in Mineral phosphate solubilizing nitrogen fixing *Klebsiella pneumoniae* at the "XXXI Gujarat Science Congress 2017" jointly organized by Gujarat Science Academy, Gujarat Energy Research and Management Institute, Pandit Dindayal Petroleum University, Institute of Seismological Research during 4th-5th February, 2017 at Gandhinagar, Gujarat.
4. Poster Award: **Mr. Ankit Naik**, M.Sc. Biotechnology 4th semester student, has been awarded First prize for his Poster presentation entitled "*Evaluating TGF- β -1 Levels in Triple Positive Breast Cancer and Triple Negative Breast Cancer during Anti-Estrogen Therapy*" in PG/PhD Award category in 2nd National Conference of Institute of Pharmacy - "Emerging Trends in Drug Discovery, Development, And Molecular Targets for Cancer Research which was organized by Institute of Pharmacy, Nirma University at Ahmedabad, Gujarat during 24-25th January, 2017. He is currently pursuing his dissertation under the guidance of Dr. Heena Dave, Assistant Professor, ISNU.
5. **Madhavi Joshi** and Ameer Krishnakumar. Effect of hypoglycemia and Insulin treatment on Lactate Dehydrogenase Activity and Motor Function in brainstem of Streptozotocin Induced Diabetic Rats, Recent Advances in Drug Discovery 2017, organized by and held at Institute of Pharmacy, Nirma University, Ahmedabad on 25th March, 2017, (3rd prize for poster).
6. **Aditi Mathur**, Sanjay Trivedi, Madhavi Joshi and Ameer Krishnakumar. 'Effect of Insulin treatment on Anxiety and NRG1 expression in cerebral cortex in streptozotocin induced diabetic rats at National Conference on Malaria Parasite Biology: Drug designing and vaccine development during 9-10 (September, 2016) (3rd prize for poster). (AN)

Value added courses

A course on "Introduction to Professional Ethics, Rights & Duties" is offered in Sem II which is compulsory for all the student

Student Club in the Institute/ University Activities

Students Association (INSSA) celebrated the Teacher's Day at the Institute on 7th September 2016. Teacher's day was celebrated with great enthusiasm by students and faculty of ISNU. Students cut cake, gave potted flowering plant and mementos to all faculty and staff members appreciating the effort. Students actively participated in teaching activities to commemorate the day.

The ISNUAA had organized annual event 'MILAN' for the alumni members at IPNU seminar hall on 24th Dec. 2016.

Fifty five students of previous batches enjoyed visiting their Alma Mater. The Nirma University Alumni Forum coordinator Ms. Lincy Gomez-Fernandez informed about the newly formed cell and its activities. Dr. Heena Dave, Secretary, ISNUAA updated the audience regarding academic, placement, research, and other activities of ISNU. Director, Prof. Sarat Dalai also informed about recent achievements of the institute which was applauded by all. The ISNU Student Association members introduced their activities. Distinguished alumni Ashish Pandya, a noted entrepreneur; Avantika Ahiya, a research scholar from IISER, Pune; and Dr. Mahendrasinh Rajput, Assistant Professor from Rajkot addressed the gathering. They shared their memories at ISNU and gave useful guidance. M.Sc. students of 4th and 1st semester performed dance, song, mime etc. They enjoyed their visit including lunch, cultural programme, and revival of memories.

Youth Welfare and Cultural activities

RENAISSANCE- 2016

The Annual Cultural Festival of Institute of Science, RENAISSANCE- 2016 was held during 27-28th September, 2016 under the auspices of Board for Student's Welfare, Nirma University at the 'C' auditorium. Shri Tushar Patel, renowned poet was the Chief Guest of the Inaugural function. Prof. Sarat Dalai, Director of Institute, Shri Hasasmukhbhai Patel, Chief coordinator, Students Welfare Activities Board, Dr. Ameer Nair, Institute Coordinator, Students Activities and Dr. Nasreen Munshi, Co-Coordinator for Cultural Activities along with other faculty members, non-teaching staff, and students were present at the inaugural ceremony held on 27 September, 2016. A total of 96 students (86 girls, 10 boys) from ISNU participated in Mime, Skit, Debate, Elocution, Collage, Spot Painting, Cartooning, Rangoli, Solo Dance, Group Dance, Folk Dance, Solo song, Duet Song, Group Song. In Debate participants presented the view for "Indo-Pak relation: Is War a solution?" It was followed by Elocution competition on "Effect of Social Media on Student's performance". Dignitaries who were experts in their own fields, judged the various events. The Fine Arts events-Collage, Poster Making, Rangoli and on-the-spot painting were conducted within a week before the Annual Cultural programme. The winners of all events were given trophies. There was active participation by the students from Institute of Science in these events and won the appreciation of the judges.

PATRIOTIC SONG COMPETITION

Two students from ISNU participated in University level Patriotic song competition - "Aazadi 70 – Yaad Karo Kurbanii" held as a part of Independence Day Celebration.

TEACHER'S DAY CELEBRATION

Teacher's Day was celebrated at the Institute on 5th September 2016 and organised by Student Association -INSSA. Teacher's day was celebrated with great enthusiasm by students and faculty ISNU. Students cut cake, gave mementoes to faculty and staff members. All faculty members were given a flowering pot to mark their appreciation. Students took class presentation in presence of their faculty members to commemorate the day.

RAMZAT 2016

The annual Ras-Garba programme- 'RAMZAT' was held on 15th October, 2016. Coordinators Dr. Ameer Nair and Dr. Nasreen Munshi along with one non-teaching staff, Mr Rajendra Patel were the coordinators along with 2 students as volunteers for Marshall Committee. Institute of Science carried out the duties for Prasad Distribution

DAYS CELEBRATION BY INSSA

The student association of ISNU celebrated the following week days like Twin Day, e the change Day, Mis-match Day, Group Day, Traditional Day and Signature Day during Jan 25-30, 2017.

PHOTOGRAPHY COMPETITION

The University level photography contest was held 20th January, 2017 at IANU. 11 students (2 boys and 8 girls) participated in the event. Institute of Science carried out the duty for certificate writing. The photographs of the winners and other selected photographs were displayed at K block on January 26, 2017.

REPUBLIC DAY CELEBRATION

Faculty and staff members along with students attended the University level Republic day function. Also exhibition of the photographs of winners and participants of University level Photography contest was done at the entrance of K block.

ONE ACT PLAY COMPETITION

Students participated in the One Act Play Competition held on 31 Jan, 2017 as a part of Republic Day Celebration of the University. 11 students participated AND performed a play titled 'The World on the other side of Umbilical Cord'.

Institute of science participated in various events of Inter- Institute Culfest, NUZEAL 2017 held during Jan 31-Feb 1, 2017 at Nirma University. Various completion under fine arts, theatre, singing, dancing and literary events were held during the 2 days programme. A total of 40 students from ISNU participated in various events. The following students won prize in respective events. Priya Sharma (Sem-II) stood first (Miss Nuzéal) in personality contest. Rajvi Choksi was the runner up in the same event. Nidhi Jodhwani and Priya patel (Sem-II) won first prize in rangoli completion while Surbhi Bhingradiya (Sem-IV) got second prize in poster making event. (AN).

Performance in Sport Activities

Although, the strength of the student in the Institute is comparatively small but still the students have participated enthusiastically. Majority of the students have participated in at least one sports event.

No. of students who have passed the various competitive examination (NET, SLET, CAT, TOEFL, GRE, G-MAT, IELTS, GATE, GPAT, ICMR)

ICMR-SRF: 1

Alumni Association – Activities Supporting Students

This year the Alumni forum has been strengthened centrally at University level as well as at each institute with formation of committees involving outstanding alumni members, and a dedicated full time coordinator for Alumni relations.

Alumni are invited to join the dedicated LinkedIn (<https://www.linkedin.com/groups/ISNU-Alumni-8360544/about>) group. A Google-form has been circulated among all alumni to get updated details and ensure contact. The proposed activities at the university level like e-Newsletter etc. will further strengthen involvement of alumni of ISNU. It has been decided to include the alumni in the journey forward to enrich the experience of current and future students of Master of Science, inspire them to pursue career in Science. Majority of the alumni of the Institute are working for their Ph. D. degree in various national and international universities in addition to academic and industry jobs. The placement officer has been contacted for a job opportunity by the working alumni many times, and they are also informed about jobs by the placement cell. Annual meet is planned regularly in which alumni visit their alma-mater and interact with current students, enjoy cultural program and dinner together.

Activities of Guidance & Counseling Unit

The guidance and counseling unit of the institute works throughout the year right from the first day the student joins in the Institute. The main activities has been in the identification of weak students both academically and communication wise. These students are given special emphasis 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 good results.

Placement Details:

In the last academic year, total 50 students had registered for placement services of III cell. 38 students have been placed in various organizations as on 7th June, 2016. Some more students are expected to be placed in coming days too. Many of the registered students are not interested in placements and they do not sit for interviews. Some of the companies that visited conducted interviews includes, Intas Biopharmaceuticals-Ahmedabad, Allen Institute, Unipath Laboratories, Amneal Pharma, Ishaan Biosciences, Aakash Institute, Parikshan Labs, Cordlife, Sun Pharma, Zydus Research Centre, O2H research, Labh Group of companies, Enzene Biotech etc.

Students have been trained on interview etiquettes, resume writing, group discussion, Making presentation etc. They were mock interviewed once while they are in their final semester and feedback was shared with all the students.

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Highlights of Outstanding Achievements and important activities

Institutional Ranking Awards

1. Ranked 3rd in Career 360 Young Law School Ranking, January 2016
2. Institute of Law ranked as 1st Top Law Schools of Eminence in India by Global Human Resource Development Centre (GHRDC), March 2016
3. Ranked 6th in Best Private Law Colleges in India, The Week, June-2016
4. Ranked 11th in the top 20 Law colleges among National Government and Private Law Schools in India by Outlook, June-2016
5. Ranked 26th in Best Law Colleges among National Government and Private Law Schools in India by The Week, June-2016

Individual Award

Prof. (Dr.) Purvi Pokhariyal conferred with THE ISC – Dr. B.S. Haikerwal and Prof. Sushil Chandra Award

The Council of Indian Society of Criminology on the recommendation of Search Committee conferred THE ISC – Dr. B.S. Haikerwal and Prof. Sushil Chandra Award (Senior Social Scientist) to Prof. (Dr.) Purvi Pokhariyal, Dean and Director, Institute of Law, Nirma University, Ahmedabad for her significant contribution to Criminology. The award was conferred at the 39th All India Criminology Conference of Indian Society of Criminology (ISC) on Criminological challenges in the Contemporary Era, organized by National Law University Odisha, Cuttack on September 22, 2016.

Dr Madhuri Parikh

Dr Madhuri Parikh has received award for the research in the area for the **Achiever's in the field category on 22.4.17** by the CEE working for the excellence in the education in collaboration with ECONs Education. The award ceremony was took place at the 5th Conclave on Excellence in Education in Delhi.

The award was distributed by Dr. Jose Luis Alvarez Roset [a patron, Foundation for Vedic India and President of Foundation David Lynch, Latin America,] and Dr. Udit Raj [Member of Parliament, Lok sabha, Ex. IRS]

INSTITUTE ACTIVITIES

The Sixth International and Tenth Biennial Conference of the Indian Society of Victimology

The Institute of Law organised The Sixth International and Tenth Biennial Conference of the Indian Society of Victimology from February 23-25, 2017. The theme of the conference was Ensuring Victim's Participation in the Criminal Justice System. The conference was inaugurated by Hon'ble Mr. Justice Mohan Pieris, Former Chief Justice and Attorney General of Sri Lanka. Prof. G. S. Bajpai, Chairman, Indian Society of Victimology and Registrar, National Law University, New Delhi, Prof. Xin Ren, California State University, USA, Prof. Heru Susetyo, University of Indonesia,

Prof. Gerd Kirchhoff, Professor of Victimology and Criminology, OP Jindal Global University were the keynote speakers for this three day conference.

The valedictory session of the Conference was conducted on February 25, 2017. Dr. John P. J. Dussich, Ph.D. Professor Emeritus of Criminology, California State University, Fresno USA was the Chief Guest of the function. Shri K.T.S. Tulsi, Senior Advocate, Supreme Court of India graced the occasion.

The conference was coordinated by Dr. K. P. Malik, Associate Professor of the Institute of Law.

Ninth Annual Public Lecture

The ninth Public Lecture in the sequence to the Annual Public Lecture Series was conducted by the Institute on January 7, 2017. Hon'ble Mr. Justice Dr. S. Muralidhar, Judge, Delhi High Court delivered the Public Lecture on the topic on Access to Justice: Distant Reality.

The Seventh ILNU International Moot Court Competition

Institute of Law, Nirma University organized its flagship event, the 7th ILNU National Moot Court Competition, 2017 in association with the Chambers of Shri K. T. S Tulsi from February 10-12, 2017. Forty-seven law colleges across the country participated in this competition. The team of NLIU Bhopal became the winners of this competition and team of NLU Kochi was bagged the Runners up trophy.

6th ILNU National Students' Conference on *International Humanitarian Law and Refugee Law*

Centre for International Humanitarian Law Studies and Human Rights, ILNU in association with the International Committee of the Red Cross (ICRC) and United Nations High Commissioner for Refugees (UNHCR) organized the fifth edition of its annual flagship event – ILNU National Students' Conference on International Humanitarian Law and Refugee Law on March 16, 2017. The Conference was graced by Mr. Narinder Singh, Former Chairperson, International Law Commission, United Nations, Dr. Sunod M. Jacob, Regional Delegation for South Asia, ICRC, Ms. Teena Joseph, Asst. Refugee Status Determination (RSD) Officer, UNHCR, Dr. Anuradha M. Chenoy, Professor, Centre for Russian and Central Asian Studies, School of International Studies, JNU who also shared their insights on the various issues at various sessions during the conference.

Convocation: The Fifth Batch of the B.A., LL.B., (Hons.) and B. Com., LL.B., (Hons.) graduated from the Institute in April 2016 and the degrees were conferred in the 21st Nirma University Convocation organized on April 18, 2016. Students who secured top position in different areas received the Gold Meals from the Chief Guest, Mr. John Anderson Fry (President, Drexel University, Philadelphia, USA) for their best scholastic performance.

Round Table Discussion on *the Future of Intellectual Property Clinics in India*

Institute of Law, Nirma University conducted a Round Table Conference on 10th February, 2017 to discuss the role and functions of Intellectual Property Clinic in advancing awareness to the community and to ensure participation of communities, students, professors and policy makers in decision making.

The Round Table Conference was presided by Prof. Purvi Pokhariyal, Dean and Director of Institute of Law, Nirma University, Prof. Shamnad Basheer, Honorary IP Research Chair Professor, Institute of Law, Nirma University and founder Spicy, Mr. Jatin Trivedi, Partner Y.J. Trivedi and Co.,

Ahmedabad and Ms. Neelam Gadani, Head of the Patent Department, H.K. Acharya & Company, Ahmedabad. The agenda of the Conference was to chalk out a way for setting up an IP Clinic, proposed in the meeting, under the Center for IPR, Institute of Law, Nirma University. The conference was attended by IPR Honours students of ILNU from the 3rd, the 4th and the 5th year.

Three day workshop on *Patent Litigation*

A three day workshop on 'Patent Litigation' was organised as a part of the paper of 'IP Litigation' for the IPR Honours students of Semester X. Mr. Sandeep Rathod, Assistant General Counsel (VP) / Head Litigation and IP Policy (India & Emerging markets) at Mylan Laboratories Limited, Hyderabad conducted this workshop. This workshop was coordinated by Dr. Rohit Moonka, Course Faculty, IP Litigation under the aegis of Centre for IPR, Institute of Law, held on 26-28 January 2017

Patent Drafting Workshop

A Patent Drafting Workshop for the 4th and the 5th year IPR Hons students was conducted on 4th March, 2017 in which Ms. Neelam Gadani, Patent Attorney, H.K.Acharya and Co. interacted with students. Ms. Suffiyah Sulaiman, IP Counsel, Mylan Laboratories conducted a whole day patent drafting workshop and explained the nuances of the specification drafting.

Workshop on Legislative Drafting

A workshop on Legislative Drafting was organized on February 22, 2017 at the Institute. The workshop was conducted by Dr. Mukulita Vijaywargia, Additional Secretary, Ministry of Law and Justice, Govt. of India for the Semester VI and X students. Dr. Vijaywargia talked on Principle, Procedure and Practice & Constitutional Provisions and Constitutionality of Statues and interacted with the students.

Workshop on The New Subatterns in Contemporary India

The Institute of Law conducted a two day workshop on Forest Law and The New Subatterns in Contemporary India from February 28th to March 1, 2 017. The workshop was conducted by Dr. Usha Ramanathan, Researcher and Prof. Vidyut Joshi, Former Vice Chancellor, Bhavnagar University. Students of Semester VI benefited from the workshop

Orientation Programme for the ILNU Tenth Batch (Batch 2016)

A Three-Day Orientation Programme for the Tenth ILNU Batch for the students of Undergraduate Programme (Batch 2016) of B.A., LL.B. (Hons.) and B.Com., LL.B.(Hons.) was organized from 23rd to 25th June 2016. Ms. Jane Schukoske, Chief Executive Officer, S. M. Sehgal Foundation, Gurgaon was the Chief Guest of the inaugural session of the Orientation Programme held on 23rd June 2016 and delivered the keynote address to the students.

One Day Orientation Programme for Judicial Officers on Juvenile Justice (Care and Protection of Children) Act, 2015

Centre for Child Rights Advocacy, Institute of Law, Nirma University in association with Gujarat State Child Protection Society, Gandhinagar, organized a One Day Orientation Programme for Judicial Officers on Juvenile Justice (Care and Protection of Children) Act, 2015 on May 1, 2016 (9.30 a.m. to 6.30 p.m.). The Programme was graced by Hon'ble Ms. Justice Harsha Devani, Chairperson, Juvenile Justice Committee, High Court of Gujarat, Hon'ble Ms. Justice Abhilasha Kumari and Hon'ble Mr. Justice R. M. Chhaya, Honourable Members, Juvenile Justice Committee, High Court of Gujarat; Hon'ble Justice B. N. Mehta, Judge (Retd.), Chairperson, Selection Committee under Gujarat Juvenile Justice Rules; Mr. Sanjay Prasad, Principal Secretary, Labour and Employment Department and I/c Principal Secretary, Social Justice Empowerment, Government of

Gujarat; Ms. Veena Bandhopadhyay, I/c Head, UNICEF, Gandhinagar and Mr. R.S. Dholakia, CEO, Gujarat State Child Protection Society and Director Social Defence Department, Government of Gujarat, Gandhinagar. The Programme was attended by 27 Principal Magistrate of Juvenile Justice Boards, 25 Presiding Officers of Children's Court from Gujarat State, 20 UNICEF & GSCPS Officials and 12 academicians.

Intra Murals Moot Court 2016

ILNU Moot Court Committee organised the intra Murals Moot Court rounds on 24-25 June, 2016 for the academic year 2016-17. The rounds were judged by Mr. Kartik Ashok, Advocate at Supreme Court of India; Mr. Meyyapan Nagappan, Senior Associate at Nishith Desai; Mr. Gurusharan, Advocate at Gujarat High Court and Radhika Parikh, Associate at Nishith and Desai.

Inauguration of Centre for Child Right Advocacy

The centre for Child Right Advocacy was inaugurated at the Institute of Law on 01.05.2016. The centre was inaugurated by Ms Justice Harsha Devani, Chairperson, Juvenile Justice Committee, High court of Gujarat, Hon'ble Ms Justice Abhilasha Kumari and Hon'ble Mr Justice R M Chhaya, Honourable member, Juvenile Justice Committee, High Court of Gujarat also graced the occasion.

ILNU CONCLAVE SERIES

The Institute organized a series of Academia Conclave in the month of July 2016. Legal experts from different fields across the country delivered expert lectures and interacted with the students.

Corporate law Conclave

The first two-day Conclave, the Corporate Law Conclave on the theme of Establishment of National Company Law and National Company Law Appellate Tribunal in India, was organized from July 9 to 10, 2016. The inaugural session was graced by Senior Advocate Dr. Abhishek Manu Singhvi, Member of Parliament, Rajya Sabha who was the Chief Guest. Mr. Singhvi talked on Reforms in Administration of Justice: Beating the Backlog. Dr. K.K. Patel, Vice President, Nirma University presided over the function. Mr. Aryama Sundaram, Senior Advocate, Supreme Court of India and Mr. Shan Bottlewala, Partner Juris Corp were the key note speakers of the conclave.

Criminal Law Conclave

The second two-day conclave, Criminal Law Conclave on the theme of **Reform of Disenfranchisement Laws in India**, was organized between July 16 & 17, 2016. The Criminal Law Conclave witnessed Senior Advocates of the Supreme Court of India – Ms. Geeta Luthra and Mr. Sushil Kumar Jain along with Prof. Upendra Baxi (Professor of law in development, University of Warwick, United Kingdom) presiding as the Chair and giving their valuable inputs on the proposals to “Reform the Criminal Disenfranchisement Laws in India.”

Mr. Sushil Kumar Jain spoke on Decriminalizing Defamation in India. Later Ms. Geeta Luthra outlined how disenfranchisement affects the criminal justice system and society at large. Professor Upendra Baxi started the discussion with emphasis on three mantras of globalization which are Denationalization, Disinvestment and Deregulation.

Constitutional Law Conclave

The Third two-day Conclave of the Conclave Series, Constitutional Law Conclave on Establishment of National Court of Appeal in the Country, was organized between July 23 & 24, 2016. Senior advocates of the Supreme Court of India Mr. K T S Tulsi, Mr. P. P. Rao, Mr. Dushyant Dave, R.Venkatramani and Mr. Colin Gonsalves graced the occasion with their presence and shared their

ideas on a vast array of socio – legal issues.

Intellectual Property Law Conclave

The last in the series of Academia Conclaves was IP Conclave with the theme of Analysis and Suggestions on New IPR Policy, 2016 organised on July 29 & 30, 2016. The first speaker, Prof. Shamnad Basheer, Founder SpicyIP and IDIA, focussed majorly on the need of creativity and innovation not only in framing the IP Policy, but also in daily lives. Mr. Jatin Trivedi (Founding Partner, Y. J. Trivedi Co., Ahmedabad) dealt with the ongoing frenzy that is known as Social Media and the issues of Copyrights related to it. Mr. Kaushik Banerjee (DGM of Zydus Cadila Research Center, Ahmedabad) talked about Trade Secrets. On the second day, Mr. Zameer Nathani (Director - Legal, Raymond Ltd., Mumbai), talked on the IPR issues in the entertainment industry. He started by discussing about the IP Policy 2016 and the intention of the government behind revamping the IP Policy. Being the member of the drafting committee of the IPR Policy, Ms. Prathibha Singh (Senior Advocate, Delhi High Court) gave the background of the think tank of the New IPR Policy and how the policy came to be.

Conference on Arbitration as a Preferred Mode of Dispute Resolution

Centre for ADR, Institute of Law, Nirma University held a One Day Conference on 6th August, 2016 on the much debated legal development of recent times, “**Arbitration: Whether the most preferred method of Dispute Resolution in the light of Arbitration Amendment Act, 2015**” in collaboration with International Chambers of Commerce Young Arbitrators Forum (ICC -YAF) and one of India’s premier law firm, Shardul Amarchand Mangaldas. Prof.(Dr.) Purvi Pokhariyal, Director and Dean, Institute of Law Nirma University delivered a special address stressing upon the focus of Law schools to dissect and deconstruct any legislation that comes into force.

Mr. Tejas Karia, Partner and Mrs. Pallavi Shroff, Managing Partner, Shardul Amarchand Mangaldas delivered the keynote speech at the Inaugural session. Thereafter, the first Panel discussion began which comprised of Mr. Abhinav Bhushan, Director-South Asia, ICC, Mr. Mihir Thakore, Senior Advocate, High Court of Gujarat, Mr. Sandeep Dave CS & GM (Legal), GSPC. The session was moderated by Mr. Tejas Karia. The Second Panel discussion was moderated by Dr. Rohit Moonka, Asst. Professor & Head, Centre for ADR Institute of Law, Nirma University and the panelists consisting of Mr. Sonal Kumar Singh, Partner, AK Singh and Co., Delhi, Mr. Rasesh Parikh, Advocate at High Court of Gujarat, and Mr. Sampath Bulusu, GM Legal, Hazira LNG Pvt. Ltd. The theme of the second Panel discussion was ‘*Judicial Intervention in Arbitration*’.

Mediation Training Workshop

Centre for ADR, Institute of Law, Nirma University organized a two day Mediation Training Workshop for the students of Semester VIII as a part of ADR Clinical Paper. The workshop was conducted in two phases: the first one from 17th to 18th February, 2017, and the second from 3rd to 4th March, 2017. Master Trainer for the workshop Mr. Niranjana Bhatt, Senior Advocate & Master Trainer of Supreme Court Committee on Mediation & Managing Trustee, AMLEAD conducted this workshop along with Ms. Veena Ralli (Advocate, Supreme Court of India and Additional Organizing Secretary, Delhi High Court Mediation Centre). The emphasis of the workshop was on practical exercises by way of role play, simulation exercises wherein students took up practical problems and acted as mediators, clients and advocates to resolve disputes related to various areas

Symposium on Stock Market Operation & Investor Awareness

The Centre for Corporate Law Studies, ILNU, in association with Share Khan Ltd. conducted a one day Symposium on "Stock Market Operation & Investor Awareness" on 10th August 2016 for students of Semester V & IX. The session for this symposium was conducted by the expert team of

Share Khan Ltd. The symposium was comprised of speech by Deven Bhalerao an Expert Speaker of Share Khan Limited who gave a brief overview of functioning of Stock Market & the process of Investment by various categories of investors in varied products available in the stock market. The Questions of students were addressed by Mr. Munaf Kadri, Sr. Manager & Area Head, ShareKhan Ltd.

Three-Day Teacher Training Programme on International Humanitarian Law

Centre for International Humanitarian Law and Human Rights Law in collaboration with the International Committee of the Red Cross (ICRC) organized a three day teachers training programme on International Humanitarian Law from August 30 to September 1, 2016. The training programme was intended for law teachers who are engaged in teaching law in all LL.B. programmes and LL.M. international law programmes, human rights, humanitarian law and refugee law in law Colleges, law faculty/departments of the universities and law schools of the Gujarat Region. The programme saw the participation of 20 Law Professors from across Gujarat. The training programme was inaugurated by Hon'ble Justice Bhagwati Prasad, Chairperson, State Human Rights Commission, Gujarat and the training sessions were headed by Dr. Anuradha Saibaba, Legal Advisor and Dr. Sunod M. Jacob, Legal Advisor ICRC, Regional Delegation, Delhi.

Workshop On Art Of Reporting: Legal Journalism And Career Prospects

ILNU conducted a workshop on "Legal Journalism as a career prospect" on August 27, 2016. The speakers **Mr. Ajay Umat**, (Editor-in-chief at Navgujarat Samay), **Mr. R. Prasannan** (Chief of Bureau, The Week) and **Mr. Somasekhar Sundaresan** Head (Securities and Regulatory Practices), Jyoti Sagar Associates (JSA) interacted with the students. Mr. Somasekhar spoke about the life of journalists and the prospects one has for legal journalism. Mr. Ajay Umat, spoke on "Trial by Media". Senior Journalist, Mr. R. Prasannan, discussed the nuances about the writing skills of the reporters and the journalists. The workshop saw a good participation where students interacted on various aspects of media and law. Dr. Krishna Bipin Mehta, Assistant Professor and Faculty Advisor, Social Media Committee and Newsletter Committee, ILNU coordinated for this workshop. The 13th edition of the student magazine-- Axiom, was also released on this occasion.

Training Programme On Child Marriage Act, 2006

The Centre for Child Rights Advocacy, Institute of Law, Nirma University, in association with GSCPS, CCRP, UNICEF, Social Defence Department and Social Justice & Empowerment Department, Government of Gujarat, conducted a One-Day training programme on Effective Implementation of Prohibition of Child Marriage Act, 2006. The training was conducted for the Prohibition of Child Marriage Officers of the Government of Gujarat in the Institute on July 8, 2016.

Decadal Foundation Day Celebration

The Institute organized a week- long Foundation Day celebration on the occasion of the beginning of its 10th year of its foundation from 19th to 23rd August, 2016. During the whole week, a number of activities in collaboration with National Service Scheme (NSS) were carried out to help society in one way or other. The students visited the Blind People's Association at Ahmedabad celebrated Raksha Bandhan Day with the Blind People and distributed Sweets, chocolates, etc. to them. Students also organized blood donation camp on the campus on August 22, 2016.

During the concluding ceremony of Decadal Foundation Celebration Week, on August 23, 2016, the students were felicitated for their outstanding achievements in different fields such as Academic Performance/Debate/Moot/Literary/Research/Sports. The faculty members were also felicitated on this occasion for their contribution towards research/ publications. Hon'ble Justice Mr.

Bhagwati Prasad, Chairperson, State Human Rights Commission, and Gujarat, was the Chief Guest in the concluding and felicitation ceremony of the Decadal Foundation Day Celebration on August 23, 2016.

On this occasion, scholarships were distributed to the top 10 students admitted in 2016 on the basis of their merit in CLAT 2016.

Annual Literary Fest - Connaissance 7.0

Connaissance 7.0, the literary fest of the Institute was conducted from 19th to 21st August, 2016. Around 200 participants from across the country participated in various events. Meraki – a breathtaking art and photo exhibition in collaboration with Marvel Art Studio was organized. The first round of National Parliamentary Debate witnessed ice breaker debates, the Youth Parliament sessions began along with the students attending the workshop by Terribly Tiny Tales. Two quizzes BIZAKAZE (business quiz) and ARMAGEDDON (general quiz) were also organized which added to the jubilation. The valedictory ceremony was graced by the presence of the Mr. Piyush Mishra who took the students towards a happy and entertaining conclusion to the fest with moments and memories to cherish forever. Superstars', a cross team between students of Hindu College, Ramjas College and Sri Venkateswara College, won the National Parliamentary Debate, and St. Stephen's stood as runners up. Best adjudicator was bagged by Ujjwal Mohan from GNLU and Hussain Patel from SLS stood as runners up. The winners for quiz were- 'Mind Place' for BIZAKAZE and 'Strategeos' for ARMAGEDON. In Lok Sabha Best Parliamentarian was bagged by Vedansh Sharma, High Commendation by Abhishek Tripathy, Anand Sharma, Special Mention won by Manish Soni and Rising Parliamentarian by Atul Jha and Rohil Bansal. Similarly in Rajya Sabha, Best Parliamentarian was Parth Parteek and High Commendation won by Nachiket Vaidya.

Annual Cultural-Sports Festival, VIBES 3.0

ILNU organized the annual national cultural festival – VIBES 3.0 from February 3 – 5, 2017. More than 500 students from across the country participated in the various events conducted during the three-day event. This cultural events witnessed kaleidoscopic events like Singing, Dancing, Theatre Play, Short Film Festival, War of Bands, War of DJ's, Cricket, Football etc. judged by well-known experts in the field. The event was also graced by the performance of Bollywood celebrities

Model United Nations conference (MUN 3.0)

The Model United Nations conference (MUN 3.0) was organized at the Institute under NILSAA from 8th to 10th January 2017. Mr. Narinder Singh, Chairman, International Law Commission (UN) was the Chief Guest of the function. The event witnessed a good number of participation (about 150 students) across the country

Pratinidhitva – Modern Indian Parliament

The second edition of Pratinidhitva: **Model Indian Parliament (MIP)** was organized at Institute of Law, Nirma University from 30th September to 2nd October, 2016. Model Indian Parliament is an academic simulation of Indian Parliament and various other committees where students learn about diplomacy, parliamentary procedure, and political demographics of country. It involved and taught research, public speaking, debating, writing skills in addition to teamwork, critical thinking and leadership ability.

'Pratinidhitva' will be remembered in the Debating Circuit for years, for the history was created when it was inaugurated by **Shri Tarun Vijay Ji**, Ex-Member of Parliament (Rajya Sabha). Shri Tarun Vijay Ji addressed the participants and discussed about several policy matters in an interactive

session.

The valedictory session of Pratinidhitva: Model Indian Parliament was organized on 2nd October, 2016. The Chief Guest of the function was **Shri Mahendra Singh Bitta, Chairman, All India Anti-Terrorism Front**. During his speech, he interacted with the students of the University, and other delegates. Mr. Bitta talked about the diminishing character of Politicians and how youth of this nation can change the demographics of the politics.

Kalpita Wadher from Ashutosh College won the Best Parliamentarian Award for Historic Lok Sabha Committee, Prakhul Khera bagged the Best Parliamentarian Award for Lok Sabha Committee and Siddharth Sachdeva for 'All India Political Parties Meet' (AIPPM).

Workshop on Colonial Experiences

A workshop on 'Colonial Experiences' was organized at the Institute on August 6, 2016. Prof. Balaji Ranganathan, Professor, Central University of Gujarat delivered the lecture on the topic and interacted with the students.

Workshop on Telecommunication Laws

A workshop on **Telecommunication Law** was organised by ILNU on August 11, 2016. Mr. Narendra Matange, Former Vice President Reliance Infocom and Former General Manager, MTNL was the key note speaker talked on the topic 'Telecommunication Law: National and International Perspective'.

Workshop on Human Rights Practice

The Institute organised a two-day workshop on Human Rights Practice on September 2-3, 2016. During the two day workshop, experts were invited from different field to talk on different topics. Mr. Mahesh Pandya, CEO of Paryavaran Mitra delivered a lecture on Envio-Human Rights and Human Rights Practice and Mr. Nadim Khan, Assistant Professor, ILNU spoke Principle of Universalism and Human Rights Based Approach to Development on 2, 2016. On September 3, 2016, Ms. Manjula Pradeep (CEO, Navsarjan Trust) talked on Human Rights and Caste, Ethnicity and Gender and Public Interest Litigation, Human Rights Advocacy and Judiciary Ms. Nimisha Srivastava and Ms. Sharmila Ray, UNICEF talked on Child Rights and Child Protection and Ms. Nadim Khan, Assistant Professor & Course Coordinator, ILNU spoke on Right to Information and human rights advocacy.

Panel Discussion on "Pluralism and Human Rights: Dilemmas and Difficulties:

ILNU organized a Panel Discussion on December 23, 2016 at the Institute. The topic of the panel discussion was "Pluralism and Human Rights in India: Dilemmas and Difficulties".

The key discussants for the Panel Discussion were Lord Prof. Bhikhu Parekh, Emeritus Professor of Political Philosophy, University of Westminster and Emeritus Professor, University of Hull, Prof. Upendra Baxi, Emeritus Professor, University of Warwick, UK and Prof. Neera Chandhoke, Professor, University of Delhi, New Delhi. In this panel discussion, the panelists discussed different concepts and ideologies on the concept of human rights which are viewed from multiple angles and accessed from multiple axis.

Celebration of Constitution Day

IL-NU celebrated the Constitution Day on November 26, 2016 where the audio-video screening of Dr. B.R. Ambedkar's speech given in Parliament in December 1946 was done. All the faculty and staff members of the Institute took pledge to abide Fundamental Duties as mentioned in Part IV A, Article 51 A of the Constitution of India. One of the episode of "Samvidhaan" on making of the Constitution of India was also screened. Dr. Alka Mahajan, Director, Institute of Technology, Dr. Purvi Pokhariyal, Director, Institute of Law and Mr. Hasmukh Patel, Coordinator, Student Welfare Board graced the occasion.

Workshop on Law and Justice in Globalizing World

The workshop on "Law and Justice in Globalizing World" was organized for LL.M. Students on October 17-18, 2016. Shri Manoj Kumar Sinha, Professor, WB National University of Juridical Sciences gave an insight on various contemporary issues.

Certificate course on "Law Appreciation" for Paralegals

The Institute of Law, Nirma University and Centre for Social Justice, Ahmedabad organised a certificate course on Law Appreciation for paralegals on December 17 – 19, 2016 at the Institute's campus. More than 50 paralegal volunteers and other NGO volunteers working in Gujarat and nearby areas went through the training to utilize law as a tool in their everyday work and thereby enhancing the outcome of their efforts in their respective field areas.

Seminar on "Judicial Performance & Access to Justice"

The Centre for Social Justice, ILNU organized a seminar on 'Judicial Performance and Access to Justice' on December 28, 2016. Mr. Harish Narasappa, Partner, Samvad and Co-founder, Daksh Foundation conducted the workshop.

Workshop on Paralegal Activities

IL- NU organized a workshop on Paralegal Activities on October 6, 2016 at the Institute for the students of Batch 2015(Semester III). The topic of this workshop was "How free legal aid works". Dr. Jyotsna Yagnik, Former Principal Judge, City Civil & Sessions Court, Ahmedabad was invited to conduct a workshop. The students got a broader perspective of about the legal aid initiatives by the State and Central Government.

Workshop on Energy Law and Electricity Law

Shri Raj Singh Niranjan, Energy Law Expert and Counsel, Government of India conducted a workshop on Energy Law and Electricity Law on October 8, 2016 as part of their Institute Elective Courses.

Training Workshop for student researchers

Centre for Law and Governance, ILNU, conducted a training workshop on Judicial Activism and Identity based Violence: Trends and Challenges for student researchers of Minor Research Project on December 24, 2016. About 20 students benefited from the workshop. The workshop was coordinated and conducted by Dr. Varsha Ganguly, Research Head and Mr. Nadim Khan, Assistant Professor.

Workshop on Competition Law

A workshop on Competition Law was organized on March 14, 2017 for the students of Semester X. The workshop was conducted by Mr. Anurag Goel IAS (Retd.), Founder Shaping Tomorrow, Former Secretary Ministry of Corporate Affairs & Former Member of CCI. Mr. Goel talked about the letter and spirit of Competition Law, its objectives, Enforcement, Potential

Workshop on IPolicy

Institute of Law along with Centre for Civil Society organized a three day workshop on I policy from

17-19, March, 2017, for the students of semester X who had opted for "Plan and Public Policy" course. The workshop was conducted by the experts, Mr. Prashant Narang, Mr. Sadaf Hussain and Mr. Parth Shah from the Centre for Civil Society. This was a rigorous and interactive course wherein students participated in comprehending the nuances of policy making, analyzing relevant policy and suggesting ways to improve its implementation.

Idea Lab – An Initiative by ILNU

Idea Lab competition is all about encouraging innovative ideas in the field of law. The competition aims to promote the spirit of entrepreneurship among students. It intends to ignite the process of ideation to start legal ventures and penning down the 'how' of it. The forum aims to spread awareness about the prospects and hurdles to start up a venture, source of funds, and realistic ways of market research, marketing skill, projections of finances and risk and exit mechanisms. The competition provides participants the platform for nurturing the unique blue prints into successful legal ventures. 37 Ideas were shortlisted for presentation in the Idea Lab Competition held on 9th March 2017. The following dignitaries judged the competition and gave their valuable feedback:

Mr. Harshal Shah - Co-founder, Awarathon.com

Mr. Manasvi Thapar - Founder Candour Legal

Mr. Vikas Agarwal - Co-founder & CTO MD-India Innovify.com

Courses on Foreign Legal System

As part of institute elective courses, the Institute conducted two elective courses on Foreign Legal System – Course on European Legal System and Course on Chinese Legal System. Prof. Peter Shaefer from HoF University, Germany taught the students the course on European Legal System and Prof. Dunja Stadtmann from HoF University taught the course on Chinese Legal System.

Certificate Programme on IP Laws in USA

Institute of Law and Intellectual Property Protection Organization Pvt. Ltd (IPPO) organized a certificate programme on Intellectual Property Laws in USA on July 28, 2016. Mr. Hillel Parness, (Adjunct Faculty of Columbia Law School), spoke about how Federal Courts work in USA and major IP matters are dealt in Federal Courts. Ms. Anjula Mehta, CEO of IPPO Pvt. Ltd shared the vision of IPPO and showed readiness to collaborate with IL-NU in future. Dr. Krishna Mehta was the faculty coordinator for this event.

Certificate Course on “International Contracts- European Union Law and Trade Practices”

The Institute of Law, Nirma University in collaboration with HoF University, Germany offered a certificate course on “**International Contracts - European Union law and trade practices**”. The course was conducted by **Prof. (Dr.) Dietmar Boerner**, HoF University, Germany from 5th to 9th September, 2016. The course was in furtherance of Contract I discussions on “International Commercial Contract”.

ADRC Intramural Rounds

The Alternate Dispute Resolution Committee of ILNU conducted intramural rounds from 17th to 18th September, 2016 for the competitions like Client Counselling, Mediation and Negotiation competitions. The said intramural rounds gathered a participation of 162 students for the Client Counselling rounds and 132 students for the Mediation & Negotiation rounds. The intramural rounds were judged on both days by practicing advocates of the Gujarat High Court and other persons

having expertise in the field of Alternate Dispute Resolution.

UPSC Awareness Programme

UPSC awareness program for students was conducted on 27th September, 2016, in association with Regional Training Centre, Sardar Patel Institute of Public Administration (SPIPA) which is an apex training institute of the State of Gujarat which provides training to government officials. Mr. Mrunal Patel, SPIPA Faculty, guided students regarding various competitive exams after graduation, and also the strategies for preparation for competitive exams.

Dignitaries visited – 63

I- Curricular Aspects:

- New courses being offered – 49
- No. of courses where major revision is made – 32

II- Teaching-Learning and Evaluation

- Faculty completed/pursuing Ph.D.
 1. Dr Anand Shinde – Completed Ph.D.
 2. Dr Rohit Moonka – Completed Ph.D.
- Innovation in Teaching - learning & evaluation.
 - Choice based customized project work evaluation introduced.
- Number of faculty development programmes availed by faculty - 14
- Number of faculty development programmes organized by the Institute: 01 (21.04.2016 to 04.05.16) (No. of participants: total 23)
- Invited/endowment lectures - 24

III- Research, Consultancy and Extension

- **Research projects**

a) Major Research Project funded by external agency during:

Financial Year	Ongoing	
	Number	Amount
2016-17	1	3.25
2015-16	1	3.25

c) Minor Research Project funded by Nirma University during:

Financial Year	Completed		Ongoing	
	Number	Amount	Number	Amount
2016-17	0	0	3	2.80
2015-16	1	0.30	3	2.00

d) Minor Research Project funded by external agencies during:

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount	Number	Amount	Number	Amount
2016-17	4	3.85	0	0	1	2.00
2015-16	0	0	1	2.00	0	0

Note: three projects (Consultancy) have been commenced and completed in the same year.

Number of Teachers allowed to 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
2016-17	4	19577/-	10	32339/-
2015-16	12	79327/-	01	15682/-

New Research Projects (Externally funded/University funded)

Minor Research Project funded by Nirma University during:

Sr. No.	Title of the Project	Project Investigator	Funding Agency	Grant
1	Judicial Activism dealing with identity based violence: Trends and Challenges	Dr Varsha Ganguly	Nirma University	1.00

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
2016-17	13	-	-	04	-	-
2015-16	11	02	3.00	09	05	3.32

Research Publications by Faculty

• **International journals**

Sl. No.	Name of Faculty	Name of Refereed Journal	Title of the Paper	Year of Publication
1	Dr Tarkesh Molia and Mr Amit Kumar Kashyap	Governance in E-commerce: Contemporary Issues and Challenges	Defamation in Internet Age: Law and Issues in India	2016
2	Mr Jacob George	Global Congress on Intellectual Property and the public Interest	Data Exclusivity- challenges and consequences in commercialization of specific Information	2016
3	Dr Rohit Moonka	International conference on Evolving Regime in Intellectual Property Protection	Judicious use of the flexibilities under the TRIPS Agreement: AN analysis of the PPVFR Act.	2016
4	Dr Rohit Moonka	4th Global IP Congress Intellectual Property and Public Interest.	Protection of New Varieties of Plant vis-à-vis Farmers Rights: Balancing the conflicting interests	2016

• National journals – refereed papers

International conference, National Conference/Seminar including abstracts

Sl. No.	Name of Faculty	Name of Refereed Journal	Title of the Paper	Year of Publication
1	Dr Tarkesh Molia	Journal of Centre for the study of Law and Governance	Quest of Supreme Court in Nurturing constitutional Governance in India” A Decadal Anatomization	2016
2	Dr Pranav Saraswat	Paripex – Indian Journal of Research	Credit Rating: A service to investors with reference to Ahmedabad District	2016
3	Dr N Bangkim Singh	The Journal of Legal Studies, Department of Law, University of Rajasthan	Agriculture and climate justice; Trends of farmers suicide and climate justice in light of Government plans and policies for farmers in India	2016
4	Dr Shalini S	Global Journal of Research Analysis	An Analysis of Social Expenditure and progress of General Education in MP	2016
5	Mr Amit Kumar Kashyap	Academic Discourse, Year 2016, Volume-5, Issue-1 (June)	Active Role of Indian Judiciary to Protect Refugee Rights With Special Reference to Education	2016
6	Mr Jacob George	Indian Journal of Air and Space Law	Fixing responsibility for International wrongful acts against civilian aircraft: The MH 17 Incident	2016
7	Mr Jacob George	39 th All India Conference of the Indian Society of Criminology	A Critic of the Plea of Legal Insanity in Criminal Responsibility	2016
8	Dr Anand Shinde	National Conference on Justice Education 2016	A study on contribution of Supreme Court on women’s right to health and healthcare in India in the last four decade.	2016
9	Dr Vikas Trivedi	National Conference on Justice Education 2016	Being supreme in upholding citizen centric governance	2016
10	Dr Vikas Trivedi	National Conference on Justice Education 2016	Consumer Protection: New Dimension and the Road Ahead	2016
11	Mr Jacob George	National Conference on Justice Education	Public Interest in Intellectual Property Law: The supreme court in the post-TRIPS Era	2016
12	Dr Rohit Moonka	National Conference on Justice Education 2016	Supreme Court and Judicial appointment in India:	2016
13	Dr Madhuri Parikh	National Conference on Justice Education 2016	Environmental Governance and the Role of Indian Supreme Court, with special focus on the period from 1988 to 1996: A Critical Analysis	2016

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

Sl. No.	Name of Faculty	Title of the Book	Publisher’s Name	Year of Publication
1	Dr Krishna Pal Malik	The Right To Information & Protection To Whistleblowers	Allahabad Law Agency	2016
2	Dr Krishna Pal Malik	Legal Aid, Para Legal Services & Clinical	Nirav Prakashan, Ahmedabad	2016

		Training, Second Edition		
3	Mr Amit Kumar Kashyap	Financial Market Regulations and legal challenges in South Asia	Business Science Reference, USA	2016
4	Dr Varsha Ganguly	Journey towards land titling in India	Centre for Rural Studies, Mussorie	2017

Awards and Recognitions (Institute/Department/Faculty)

- Institutional Ranking Awards
 1. Institute of Law ranked as 1st Top Law Schools of Eminence in India by Global Human Resource Development Centre (GHRDC), March 2016.
 2. Ranked 6th in Best Private Law Colleges in India, The Week, June-2016
 3. Ranked 11th in the top 20 Law colleges among National Government and Private Law Schools in India by Outlook, June-2016
 4. Ranked 26th in Best Law Colleges among National Government and Private Law Schools in India by The week, June-2016

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

The Institute conducted a research – consultancy on FCRA for the Centre for Social Justice, Ahmedabad. The research involved case comments on cases decided by the Supreme Court of India and High Courts on following FCRA; Relevant IT provisions linked to FCRA and other related legal instruments. It also involved a literature review and newspaper scan on how state is using these laws and policies for repression. Mr Nadim Khan and Mr Amit Kashyap, Assistant Professors at the Institute conducted this research. Six students, namely Anchit Bhandari, Urvashi Jeswani, Yashwardhan Dixit, Rushali Shrivastava, Kirti Singh and Afeef Saadulla were also involved in the research as student researcher.

Revenue Generated in:

Financial Year	Consultancy / Testing /Training
2016-17	222519
2015-16	57895

EXTENSION ACTIVITIES/COMMUNITY SERVICES BY INSTITUTE/DEPARTMENT

LEGAL AID/EXTENSION ACTIVITIES:

Legal Awareness Camps at Rajkot Central Jail by ILNU Legal Aid Clinic:

Legal Aid Clinic, Institute of Law, Nirma University in collaboration with Gujarat State Legal Services Authority and District Legal Services Authority organized a legal awareness camp at Rajkot Central Jail on July 23, 2016 to make jail inmates aware of their various rights during their jail term – be it under trials or convicted prisoners. Hon’ble Justice Mr. M. R. Shah, High Court of Gujarat who is also the Executive Chairman of Gujarat State Legal Services Authority graced the function and motivated the students of the Legal Aid Clinic to continue such awareness camps for the inmates. On this occasion, Hon’ble Judge I. C. Shah, District and Sessions Judge, Rajkot, Senior Jailor, Shri Sonar and the officials of Bar Association of Rajkot remained present. The students of

Legal Aid Clinic, ILNU performed three skits on Bail, Plea Bargaining and Speedy Trials and Right to Legal Aid to make the inmates aware of their rights. Dr. Krishna Pal Malik, Faculty Advisor, Legal Aid Clinic, ILNU explained the functions of the clinic. Three faculty members and more than 50 students visited Rajkot Central Jail to create legal awareness.

Paralegal Workshop

The Institute of Law, in association with South Asian Institute of Advanced Legal and Human Rights Studies (SAILS) and Centre for Social Justice (CSJ), organized a four day Training of Trainers programme for the capacity building of paralegals from March 6-9, 2017 in Ahmedabad. The training was attended by trainers, paralegals, and community lawyers and grassroots development practitioners from all over Gujarat

The training was designed to initiate the trainers to the principles of adult learning and alternate legal education and enable them to meaningfully engage with and build capacities of the paralegals and volunteers in their organisation and field areas. The training witnessed enthusiastic participation in a rich group learning environment. It is hoped that the training will in turn spur the creation of greater number of paralegals and thus lead to empowerment of the marginalised

Legal Aid Clinic at Sabarmati Jail

Legal Aid Committee of ILNU visited Sabarmati Jail Campus 8 times and counselled 65 under trial prisoners on various issues i.e. law relating to murder, narcotic drugs, corruption, rape, forgery, theft and dacoity.

- New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organisation - 01
- Linkages with national/international academic/research bodies - 09

IV. Infrastructure and Learning Resources

- Library - learning resources added

NUMBER OF BOOK FOR TECHNICAL SUBJECTS DURING THE YEAR 2016-2017			
No. of Titles & Volumes Added During the Cumulative Year 2016-2017		Total No. of Titles & Volumes as on 31/03/2017	
Title	Volumes	Title	Volumes
490	531	7143	9036

NUMBER OF BOOK FOR SCIENCE & HUMANITIES DURING THE YEAR 2016-2017			
No. of Titles & Volumes Added During the Year 2016-2017		Cumulative Total No. of Titles & Volumes as on 31/03/2017	
Title	Volumes	Title	Volumes
73	103	1882	2276

NO.OF PERIODICALS 1JOURNALS INCLUDING EJOURNALS DURING THE YEAR 2016-2017	
Added during the year	Cumulative Total as on

2016-2017	2016-2017
1 Print	98 Print + 2364 Online
OTHER MATERIAL WHICH INCLUDES SOFTWARE ICDS ICASSETIES OTHER AUSIOVISUAL MATERIALS	
Added during the year 2016- 2017	Cumulative Total as on 31/03/2017
58	409

V- Student Support and Progression

- Cut-off percentage marks – category wise

Cut-off percentage marks – category wise – Admission for year 2016-17

General Category - 126.25 Marks (CLAT Rank 2657)

NRI Sponsored Category - 70.75 Marks (CLAT Rank 20454)

Student achievements

- **Moot Court Achievements** - The team comprising of Rajeev Kumar Tiwari, Ayushi Mukherjee and Suryansh Srivastava of First Year has been declared the winner in the 7th Jamia Milia Islamia National Moot Court Competition.
- **Other Achievements** - Five ILNU Students achieved top ranks in the Rajasthan Judicial Service Examination. They were Chitrakshi Singh (Second Rank), Vaibhav Soni (Seventh Rank), Shaili Parwal (Seventeenth Rank), Vikas Jain (Thirty First Rank) and Nidhi Beniwal (Forty Eighths Rank) were picked up in the Judicial Sector.

Value added courses

Course on American Legal System

As part of Institute Elective Course, the Institute conducted a Course on American Legal System for the Students of Semester VIII (Batch 2013) at the Institute from 19th to 27th December 2016. Dr. Stephen Barnes, Assistant Dean, Graduate and International Programmes, Penn State Law, Pennsylvania State University, USA conducted the Institute Course. More than 90 students opted this elective course. Along with Dr. Stephen, his Research Assistant, Mr. John Malchow and Ms. Rituja Mohanty, Penn State Law Director of India Programmes was also associated and coordinated for this course.

- No. of Co-curricular activities organised - **21**
- Student Clubs in the Institutes/University – **29 Students club for various activities**
- Sports activities - **5**
- Youth welfare and cultural activities – **7**
- No. of extra-curricular activities organized in collaboration with other agencies on Campus **12**
- Performance in Sport activities **03 (winner in sports activities)**

Alumni Association – activities supporting students

1. Act as an expert in conducting internship viva
2. Act as Judge in Parliamentary Debate
3. Act as a moot court mentor
4. Alumni expert lecture series

Placement services to students

The 5th Batch of Institute of Law Nirma University graduated in April 2016 which had a strength of 199 students out of which 95 had opted for Placements. The participation was found to be very encouraging from various corporate bodies which primarily comprised of law firms, private companies, limited liability partnerships as well as public sector undertakings during the entire Placement Process. Students were highly motivated and excited about their future endeavours and which was observed from their active participation in Placement process and training activities during their last year at the institute. The illustrative list of the organizations who participated in this year's recruitment program included firms from Gujarat as well as places such as New Delhi, Pune, Mumbai, etc. The Placement of Batch 2016 saw a growth of the number of persons opting for placements as well as the persons being offered PPO's. The students in their last year took part in the soft-skills training and other recruitment relating trainings that was designed and being delivered by the Institute for grooming them for the future prospective at the times of interview and various stages of recruitment.

Institute
of
Architecture & Planning

Institute of Architecture & Planning

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Institute of Architecture & Planning

Outstanding Achievements and important activities

HIGHLIGHTS

Institute focuses on students learning through outcome based education approach (OBE). Institute of Architecture & Planning through its curriculum design and clearly articulated learning outcomes ensures that students learn by constructing knowledge rather than by receiving knowledge from others. This constructivist approach requires new techniques for assessing students' learning that includes assessment as an integral part of teaching. Through the formative, and summative assessment, one is ensuring that the students following the Outcome Based Education principles learn required knowledge and skill for the profession. So with OBE approach, clarity is given regarding the subject matter that students are required to learn, curriculum is organized and finally instructions and assessment are designed to ensure that learning ultimately happens. Assessment Rubrics and Matrices of assurance of learning help to map the outcomes of the learning process.

IAPNU has emerged as one of the most favorite Institution in the field of Architecture and Planning in the state of Gujarat.

IAPNU hosted an annual event conducted by Council of Architecture (COA), through its academic unit – National Institute of Advanced Study in Architecture (NIASA) an **“AWARDS PROGRAM FOR EXCELLENCE IN ARCHITECTURAL THESIS”**

The World Habitat Day, 2016 was observed on 3rd October at IAPNU when a panel discussion was held on “Housing for All”. The panel comprised of academicians, researchers and experts who have delved into the subject of housing, tackled the pertaining challenges and explored the opportunities. The following were the panellists:

Mr. Kirti Shah – ASAG, Ahmedabad

Prof. Niti Mehta – Director, SPIESR, Ahmedabad

Mr. Rajendra Joshi – SAATH Charitable Trust, Ahmedabad

Mr. Dhruv Bhavsar – Performance Assessment System, CRDC – CEPT University, Ahmedabad

Mr. Amit Gotecha – Urban Research Cell, GIDR, Ahmedabad

Dr. Rizvi Noordeen – University of Moratuwa, Sri Lanka

Mr. Chatura de Silva – University of Moratuwa, Sri Lanka

IAPNU has partnered with Gujarat Institute for Civil Engineers and Architects (GICEA) and Gujarat Chapter of Institute of Town Planners, India (ITPI) for organizing Public lecture series on Learning from the New Cities presenting cases from national and international levels by eminent academicians, researchers and practitioners.

KALP – The annual technical and cultural festival with the theme “Vision Beyond Imagination” was organized in the institute from 20-24 February 2017. The event is an amalgamation of applied learning through relevant co-curricular and extra-curricular activities.

Prof. Utpal Sharma has attended IVth World Planning Congress at Federal University of Rio-de-Janerio, Brazil, as a presenter in the Plenary Session (PS) “Nature in the city: interactions and contradictions”

Prof. Utpal Sharma has become Regional Housing Expert, UN Habitat, Myanmar (White Paper on National Housing Policy for Myanmar).

He has also attended the Conference- 19th Arcasia Forum, Jaipur as a Keynote Speaker.

Professional practice, Office/field training Environmental science, sustainability RSP/ Electives/ Communication skills which are offered to the students not only strengthen the knowledge base but also helps in overall development of capacity building. The Related Study Programme (RSP) is introduced as a part of core course. RSP has been a unique and highly beneficial programme to students, institutes and society at large.

The institute strongly believes in ensuring an overall development of students. The students are considered as active partners in managing the Institute in its activities viz. conferences, training programmes, guest lectures, seminars, cultural programmes. This culture inculcates the spirit of independence and leadership in the students. The students get involved in these activities not merely for the learning value but also for the pleasure that comes with the experience of a job well done. The students recognize their talents and skills in the process and gets inspiration to develop further.

The Institute strongly believes in the all-round development of students. In order to facilitate this, there are a number of student committees and clubs at the Institute. These activities are comprised of and managed by students. Faculty coordinators are assigned to each club and committee with an objective to channelize and explore the hidden potential among the students.

Dignitaries visited:

Renowned Architect Padmashri B V Doshi and Dr. Manjula Subramanyam (Ex. Chief Secretary) inaugurated the CoA NIASA event hosted by IAPNU on 11th August, 2017

Prof. Helen Lochhead, Dean of the Built Environment at the University of New South Wales (UNSW), Australia, visited and delivered a lecture on 21st April, 2017

Prof. Zing Ruan, Associate Dean (International) and Director of Architecture discipline at the University of New South Wales Australia, visited the Institute and interacted with the faculty members on 22nd November, 2016

I- Curricular Aspects:

- New programmes being offered - A new undergraduate programme – Bachelor of Planning was started at the Institute from the academic year 2016-17. It is a four year programme with recognition from the Institute of Town Planners, India (ITPI). The eligibility criteria for the programme is JEE Main paper (or paper 1). The first batch had strength of 47 students.
- New courses being offered - Building Information Modelling & Furniture Design
- New Interdisciplinary courses - Photography, Social Work, Yoga
- No. of courses where major revision is made - New TES has been implemented in 2016.
- Any other Initiative/Innovation in curricular design –
- Multidisciplinary approach to curriculum design
- Integration of all creative, technical, skill-based and humanities fields
- Curriculum designed to train students for modern-day architectural practice
- Hands-on approach to teaching
- Healthy mix of Interactive studio-based learning , theory based lectures and skill building workshops
- Architectural studio is the main subject with more credits and weekly hours, other subjects play a supporting role

- Exposure to allied fields of architecture like urban design, urban planning, Landscape, Design, etc to introduce students to fields for pursuing post-graduate studies
- Horizontal (in the same semester) and vertical (in previous and following semesters) integration of subjects through the semesters

II- Teaching-Learning and Evaluation

Faculty completed/pursuing Ph. D

One faculty member, Prof. Aparna recently successfully defended her Doctoral Studies.

4 faculty members are pursuing for Ph.D. Programme, namely Prof. Sharad Panchal, Prof. Vibha Gajjar, Prof. Pratima Singh & Prof. Dhaval Chauhan & Prof. Bulbul Shukla.

Innovation in Teaching - learning & evaluation.

The Architectural Design Studio mimics the actual scenario of handling a project as experience by an Architect in the field. It synthesizes different areas of philosophy, art, science, technology, sociology, etc to generate environmental design in projects like residence, housing, commercial, institutional, etc. As a student enters senior semesters, the complexity and scale of projects increase.

Basic Design introduces students to basic principles and components of design. It incorporates know-how from areas such as art and craft, visual perception, cognition, learning by doing, hands-on training, etc

Workshop based hands-on working with materials, machines and processes introduces students to design execution methods and the physical attributes of design.

Office-training semester exposes students to actual working of an architect's office as students work in architectural firms across the country for a stipulated time period.

Traveling and documentation work is intrinsic to architectural education. Students get to see and learn from heritage buildings, historic cities, contemporary buildings, etc.

Activities to sustain healthy practices

IAPNU has structured mentoring system whereby each students are allotted faculty members for continuous monitoring for the progress of academic performance as well as overall development to face the professional field.

Number of faculty development programmes availed by faculty

Faculty members successfully completed the research training programme in May-June 2016: Prof. Vibha Gajjar.

Faculty members who successfully completed the 4 week Induction Programme in May-June 2016: Ms. Shweta Suhane, Mr. Parag Mistry, Mr. Darshan Ajudia, Ms. Foram Bhavsar, Mr. Sujan Umaraniya & Mr. Dhaval Chauhan

Invited/endowment lectures

Date	Programme	Name of Speaker
14th June 2016	Research Orientation Program	Prof. Anil Sinha, NID
14th June 2016		Dr. R. Parthasarthy, Chairman, GIDR
15th June 2016		Prof. Aparna, Architect & Planner
15th June 2016		Prof. Jigna Desai, Academician, CEPT

		Prof. Bhavna Vimawala, Academician, SCET
2st August 2016	Orientation Program	Prof. Anil Sinha, NID
		Ar. Lokendra Balsaria, Practicing Architect
4st August 2016		Mr. Darshan Jogi, Interior Designer, WORKSHOP - Origami
6th August 2016		
1st & 2nd September 2016	SUSTAINABILITY SENSITIZING WORKSHOP	Ar. Sangita Kapoor, Practicing Architect
		Ar. Chirashree Thakkar, Practicing Architect Thakkar Associates, Ahmedabad
		Dr. Vijay R Chariar, IIT, Delhi.
		Ar. Ashwini Deodeshmukh, Practicing Architect - LCA: Products Godrej & Boyce, Mumbai
21st January 2017	Design Build	Ar. Ranjit Dhar, Practicing Architect, Canada
20th february 2017	Orientation of Architecture Education for 21st century	Ar. Divya Kush, President of COA
20th february 2017	Role of professional Bodies in Architectural Education	Ar. Alok Rajan, Council member of COA
21th february 2017	Line shape Colour theory of Le corbusier	Ar. Kiran Joshi, Professor ,Chandigarh
24th february 2017	Exploration of Contemporary Housing	Ar. S.K.Das, Eminent Architect. Delhi
4th march 2017	Transcending Boundaries in Practice : Landscape Architecture and Urban Design	Ar. Harsh Goel, Eminent Architect, Burthill
18th march 2017	A Lecture - Contemporary Works	Ar. Snehal Shah, Practicing Architect

Non-Teaching staff development

Shri Bhadresh Bhatt attended Training for the Jr.Asst. and Equivalent level, held by ADR Cell, Nirma University

III.- Research, Consultancy and Extension

Research projects

a) Minor Research Project funded by Nirma University during:

Financial Year	Completed	
	Number	Amount
2016-17	NIL	
2015-16	1	1 lakh

Number of Teachers allowed to 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
2016-17	-		-	
2015-16	1		1	

Research Projects Completed : 1

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
2016-17	-	-	-	4	-	-

Research Publications by Faculty

International journals

Title of paper	month/year	impact factor	journal UGC list number
Implication and Application of Research in Architecture Education –Bridging the Gap between myth and model	July /2017	5.181	45170
Memnagar: A case study and mixed landuse in Ahmedabad	June /2017	NA	42862/16781
Mixed landuse in an Urban Context :A case of Ahmedabad	June /2017	4.027	44256
Unique land Development process of Educational town, Vallabh Vidyanagar	April /2017	3.8	-

Extension Activities/Community services by Institute/Department

Students of B Plan programme visited Dandi village, Navsari (of the Dandi March fame led by Mahatma Gandhi) for rural studio in February, 2017. During their stay they undertook a social activity of cleaning the main stretch of Dandi beach. It helped enhance the environmental consciousness in budding planners.

Students of B Arch programme undertook the community service of teaching and interacting with young children of underprivileged background (construction work sites and the slums) with the help of NGO, Saath Charitable Trust, Ahmedabad between 27th and 30th January, 2017. Children indulged in creative activities like paper craft, drawing and painting, elementary and health and hygiene education.

IV. Infrastructure and Learning Resources

Computer facilities: We have purchased

5-Desktop

2- Lenovo Laptop

3-Mac Book Pro

Library - learning resources added -

The library during the year (April 2016 – March 2017) made significant progress in several areas.

1. 674 books (worth of Rs. 11, 75,128/-) were added to the Library and presently it has a collection of 1, 736 books.
2. It also subscribed 25 journals and magazines (worth of Rs. 1, 63,433/-) – 12 national and 13 international – in areas of Architecture, Planning and Current News, etc.
3. Library subscribed more than 220 e-journals and 230 e-books (worth of Rs. 2,99,464/-) of EBSCO.
4. The Library issued 2, 578 books and other documents to its members during the year and 9, 992 users walked into the library during the year.
5. We have created a Google Site for accessing previous years Exam Papers, and Content pages of Print Periodicals. Now Students, Faculty and Staff Members can easily access Exam Papers, and Content pages of Print Periodicals through their Google Apps E-Mail ID from anywhere.
6. Activities – Arranged Book Exhibition, Library Orientation Program for students, Training Session – EBSCO Online Journals, Author Interaction Session

Laboratory facilities

The institute has procured Heliodome for the Climate laboratory besides other instruments used for conducting experiments related to measuring LUX level and light intensity.

Increase in Central Facilities, health services, sports facilities

Civil work in progress/completed in this year

V- Student Support and Progression

B. Arch. & B. Plan Admissions

15% NRI / NRI Sponsored Category

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	03	39
Bachelor of Planning	-	-

35% All India Seats

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	7	108
Bachelor of Planning	1	57

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	10034	10107	10797	10811	10253	10297	30144	-

- Student achievements :

Ms. Zeel Patel, a first year student of B Plan programme was awarded for the “Best Position Paper” in the Model United Nations held at IMNU on 27th January, 2017.

- Value added courses-Building Information Modeling, heritage and Conservation, Furniture Design,
- No. of Co-curricular activities organised - 6
- Student Clubs in the Institutes/University – activities
- Sports activities

Name of Activity/ Event	Date & Duration	Category Co-curricular/ Extra-curricular/ Social	Short Description of the event
BASKET BALL	OCT 17	CO CURRICULAR	
BADMINTON	OCT 17	CO CURRICULAR	
CRICKET	OCT 23	CO CURRICULAR	
VOLLEYBALL	OCT 18	CO CURRICULAR	
TABLE TENNIS	OCT 16-17	CO CURRICULAR	
TABLE TENNIS	NOV 10-13	CO CURRICULAR	
SHOT PUT	OCT 4	CO CURRICULAR	
100 MT RUN	OCT 4	CO CURRICULAR	ANNUAL SPORTS DAY
JAVELIN THROW	OCT 4	CO CURRICULAR	ANNUAL SPORTS DAY
400 MTS RUN	OCT 4	CO CURRICULAR	ANNUAL SPORTS DAY
HIGH JUMP	OCT 4	CO CURRICULAR	ANNUAL SPORTS DAY
800 MTS RUN	OCT 4	CO CURRICULAR	ANNUAL SPORTS DAY
4 X 100 MTS RELAY	OCT 4	CO CURRICULAR	ANNUAL SPORTS

			DAY
DISCUS THROW	OCT 5	CO CURRICULAR	ANNUAL SPORTS DAY
LONG JUMP	OCT 5	CO CURRICULAR	ANNUAL SPORTS DAY
1500 MTS RUN	OCT 5	CO CURRICULAR	ANNUAL SPORTS DAY
100 MTS RUN	OCT 6	CO CURRICULAR	ANNUAL SPORTS DAY
HIGH JUMP	OCT 6	CO CURRICULAR	ANNUAL SPORTS DAY
400 MTS RUN	OCT 6	CO CURRICULAR	ANNUAL SPORTS DAY
4 X 100 MTS RUN	OCT 6	CO CURRICULAR	ANNUAL SPORTS DAY
BASKETBALL	OCT 17-NOV 17	CO CURRICULAR	
Cricket match against IPNU	Feb 4 2017	CO CURRICULAR	Practice Match
Football match against IMNU	Jan 19 2017	CO CURRICULAR	Practice Match
Cricket match against IPNU	Dec 10 2016	CO CURRICULAR	Practice Match

Youth welfare and cultural activities

- As a part of curriculum the department (IAPNU) also conducts extension activities;
- 1st year students are assigned a Social Work slot in the Academic Calendar wherein students go for One week outside the Institute for doing Social Work as a part of curriculum and are evaluated on following six parameters; (Punctuality, Attitude, Completion of task, Commitment, Innovativeness, new strategies, Relationship with other team members).
- This Academic year IAPNU worked with NGO known as SAATH. (SAATH is market-based solutions to empower India's urban and rural).
- Address: Saath Charitable Trust | O/102 Nandanvan V / Nr. Prernatirth Derasar | Jodhpur, Ahmedabad 380 015 / [m] +91 8758305030 [o] +91-79-26929827 [e] shikha@saath.org
- 79 students of 1st year were sent from dated 27th Nov. 2016 – 30th Nov. 2016 (Friday to Monday) for first year B.Arch (Batch 2016 batch). Students were divided into groups and different tasks were allocated to them. The students were supposed to do community interactions in different localities in the morning session and post lunch they were instructed to conduct sessions for trainees or developing success stories, following up on enquiries generated previous day.
- Details of all Activities: Urban Resource Centre: 3 Centres: Behrampura 50 enquiries were documented with about 20 linkages for govt. schemes. Women@Work: 7 Centres: Programme for training and future livelihood opportunities. Udaan: 2 Centres: Isanpur Programme for training and future livelihood opportunities. Students created innovative group campaign for

better community interaction. Child Friendly Spaces (CFS) - 8-10 Centres: Savvy Swaraaj Labour Colony Students created innovative items and gifted children.

Service Projects with NGO – “Rotaract Club”, Ahmedabad, Gujarat

- Students involved: Yash Shah; Sem. 4th – 2016-17

Service projects:

1. Winter is coming – We as a team member contributed certain number of clothes and blankets and the same were distributed among underprivileged people on the road. Total number of clothes and blankets distributed were around 100. This project also got its appreciation in the newspaper.
2. Distribution of biscuits and juice- We actively participated in the distribution of biscuits and juices among the under privileged children. Approximately 50-60 children were provided with biscuits and juices.

Yoga day celebration- on the world yoga day, we organized a yoga celebration at a municipality school where 50-60 students from the same school were given an opportunity to learn yoga .

Incentives to outstanding sports person

The national and state level players are given extra time and extension for completion of task if they have to represent in their respective tournaments or sports activities like cricket, karate, badminton, etc.

Institute
of
Commerce

Institute of Commerce

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INSTITUTE OF COMMERCE

Outstanding Achievements and important activities

Dignitaries visited:

The Institute was started in the year 2016. The first batch of B. Com. (Hons) was inducted on 14th July 2016. The Inaugural Function was graced by Shri K K Patel sir, VP, Nirma University and Shri D P Chhaya sir, Director (A&GA), NU. CA Sunil Talati was the Chief Guest.

I- Curricular Aspects

New programmes being offered: B. Com. (Hons) Programme was started in this year.

New courses being offered: Syllabi and Teaching and Examination Scheme were designed for Semesters III & IV.

No. of courses where major revision is made: Syllabi and Teaching and Examination Scheme were revised for Semesters I & II.

II- Research, Consultancy and Extension activities

Research Publications by Faculty

- International Conference: Dr. Avani Shah presented paper in NICOM 2017 entitled “Reaping the Benefits of Publicity and Marketing on Gujarat Tourism”.
- National Conference: Dr. Parth Bhatt presented a paper entitled "E-Entrepreneurship: It's Pros and Cons" at UGC - MHRD sponsored One Day National Seminar organised by DDU Kaushal Kendra, Department of Vocational Studies, C. P. Patel & F. H. Shah Commerce College, Anand as on 20th March, 2017.
- Dr. Parth Bhatt presented a paper entitled "Basics of Goods & Services Tax: A Pilot Review" at UGC sponsored One Day National Seminar organised by P. G. Department of Business Studies, Sardar Patel University ('A' Grade by NAAC) on 4th February, 2017.

Awards and Recognitions (Institute/Department/Faculty)

Dr. Parth Bhatt was awarded Degree of Doctor of Philosophy at 59th Annual Convocation of Sardar Patel University ('A' Grade by NAAC), for thesis title " A Study on Issues related to Converging Indian Accounting Standards into International Financial Reporting Standards".

III. Infrastructure and Learning Resources

Computer facilities added: Two laptops for faculty were procured.

Library - learning resources added: This facility is common with IMNU.

Civil work in progress/completed in this year: New building is under construction.

IV- Student Support and Progression

Cut-off percentage marks – category wise:

General Category: 75.33%

NRI Category : 54.67%

Value added courses:

1. 'Personality Development' for Semester-I
2. 'Stress Management' for Semester-II

No. of Co-curricular activities organised: 03**Sports activities :**

Cricket Match and Badminton

Youth welfare and cultural activities

- Students participated in the following inter-institute activities:

Sports – 15 Students

Photography – 13 Students

Rangoli – 04 Students

One Act Play – 01 Student

Debate – 10 Students

Elocution – 01 Student

Dance – 15 Students

Painting – 06 Students

Poetry – 02 Students

Music – 01 Students

Performance in Sport activities:

Our cricket team reached till the stage of semi-final in inter-institute cricket match.

**Centre for
Continuing Education**

Centre for Continuing Education (CCE)

List of Programmes organized

Sr. No.	Name of the programme	Programme Domain/ Discipline	Categories of participants	Date(s)	Total Number of participants	Total Income	Total Expenditures
1	Pump Engineering : Fundamentals and Application	Chemical Engineering	Faculty and Students from Engineering Institutes, Internal students	April 2-3, 2016	65	36600	34291
2	Probability and Statistics: A Computer Engineering Perspective	Computer Engineering	Internal Students	April 2, 2016	22	16500	12296
3	Concrete Technology in Perspective	Civil Engineering	External Students	April 8-9, 2016	24	24000	20167
4	Industrial Automation Integration of PLC in LabView	Instrumental and control Engineering	Internal Students and Internal Faculty	April 9, 2016	10	9400	7253
5	Econometrics for Researchers	Management	External Faculty	April 21-23, 2016	5	17175	10743
6	Applications of Computational Tools in Chemical Engineering	Chemical Engineering	Industry Professionals, External/Internal Faculty, External/Internal Student	April 23-24, 2016	33	29500	26545
7	Applications of Microwave Remote Sensing	Civil Engineering	Faculty and Students from Engineering Institutes, Research scholars, Internal students	May 23–28, 2016	17	50500	48296
8	Engineering Chemistry	Chemical Engineering	External Students, awaiting XIIth standard results	May 24–26, 2016	09	9000	8091
9	Engineering Graphics – A language of Engineers	Engineering	External Students, awaiting XIIth standard results	June 6-8, 2016	15	15000	11885
10	Engineering Mathematics – a tool for engineers	Engineering	External Students, awaiting XIIth standard results	June 13-17, 2016	15	15000	14086
11	Photography	Skill Based	Internal Students	June 29 to August 06, 2016	11	11000	9847
12	Solid modeling using CAD Software	Mechanical Engineering	Internal and External Students	July 16, 2016 to October 01, 2016	27	69000	54638
13	Making Yourself Ready for Industry	Management	Internal and External Students	July 30-31, 2016	61	41750	37555

14	Analog and Mixed VLSI Design	Electronics and Communication	Internal and External Students, External Faculty	August 13, 2016	32	17500	14452
15	Research Oriented Program On "Selected Areas in Wireless Communications"	Electronics and Communication	External PG/PhD. Students, External Faculty	September 3, 2016 to December 18, 2016 (50 hours)	7	36000	34004
16	Molecular Biology Techniques	Pharmacy	Internal Students	September 16, 2016	30	6000	5394
17	Particle size engineering for Nanodrug delivery systems	Pharmacy	Internal and External Students, External Faculty	September 23, 2016	47	12300	11362
18	Hands on Training for HPLC & GC	Pharmacy	Internal Students	October 14, 2016	22	4400	3840
19	Effective communications for Higher Performance	Management	Industry Professionals	October 18-20, 2016	11	132825	50083
20	Leadership Style and Skills	Management	Industry Professionals	December 20-21, 2016	10	80500	35636
21	Big Data Analytics with Hadoop and Spark Framework using Python Programming	Computer Engineering	Industry Professionals, External/Internal Faculty, External/Internal Student	December 26-30, 2016	26	52200	46878
22	Shikho Gujarati	Skill Based	Internal Students	January 11, 2017	9	18000	17578
23	Molecular Biology Techniques: Cloning to Expression	Science	Industry Professionals, External/Internal Faculty, External/Internal Student	January 16-18, 2017	16	91000	74492
24	Big System Design	Electronics and Communication	Internal Students	January 22, 2017	94	28800	25371
25	International taxation	Law	Industry Professionals, Internal Student	January 22, 2017 to February 26, 2017	31	50500	46322
26	Managerial Skills for Supervisory Personnel	Management	Industry Professionals	February 06-08, 2017	11	123166	48781
27	Computer Aided Drug Design Software	Pharmacy	External/Internal Student	February 17, 2017	22	8900	7860
TOTAL					682	1006516	717746

Comparative data of CCE from 2015-16 to 2016-17

1. Number of Programme Organized during the Years 2015-16 & 2016- 2017

Sr. No.	Name of Institute	2015-16	2016-17
1	Institute of Technology	11	14
2	Institute of Management	5	4
3	Institute of Diploma Studies	3	0
4	Institute of Pharmacy	3	4
5	Institute of Science	1	1
6	Institute of Law	2	2
7	Centre for Continuing Education	7	1
8	Institute of Architecture & Planning	0	1
Total		32	27

2. Total number of participants in various programmes organized during the Years 2015-16 & 2016- 17

Sr. No.	Name of Institute	2015-16	2016-17
1	Institute of Technology	314	442
2	Institute of Management	56	37
3	Institute of Diploma Studies	280	0
4	Institute of Pharmacy	151	121
5	Institute of Science	9	16
6	Institute of Law	46	40
7	Centre for Continuing Education	224	15
8	Institute of Architecture & Planning	0	11
Total		1080	682

3. Total income of various programmes organized during the Years 2015-16 & 2016- 17

Sr. No.	Name of Institute	2015-16	2016-17
1	Institute of Technology	216400	435750
2	Institute of Management	567551	353666
3	Institute of Diploma Studies	28646	0
4	Institute of Pharmacy	54350	31600
5	Institute of Science	34000	91000
6	Institute of Law	100000	68500
7	Centre for Continuing Education	101400	15000
8	Institute of Architecture & Planning	0	11000
Total		1102347	1006516

4. Total expenditure of various programmes organized during the Years 2015-16 & 2016- 17

Sr. No.	Name of Institute	2015-16	2016-17
1	Institute of Technology	187474	383923
2	Institute of Management	229806	145243
3	Institute of Diploma Studies	28646	0
4	Institute of Pharmacy	45184	28456
5	Institute of Science	19620	74492
6	Institute of Law	62350	63900
7	Centre for Continuing Education	88997	11885
8	Institute of Architecture & Planning	0	9847
Total		662077	717746