

13th ANNUAL REPORT-2015 – 16

INDEX

Sr. No.	Particulars	Page
1	Executive Summary	I - V
2	Nirma University – Central Office	1 – 27
3	Institute of Technology	28-73
4	Institute of Management	74-99
5	Institute of Diploma Studies	100-104
6	Institute of Pharmacy	105-127
7	Institute of Science	128-150
8	Institute of Law	151-167
9	Institute of Architecture	168-177
10	Centre for Continuing Education	178-183

Executive Summary

April 1, 2015 - March 31, 2016

Preamble

The university has been working on sustainable development and growth to attain the laid down vision, mission and objectives, perceived at the time of the establishment of the university. It has been consistently functioning on a structured approach and is treading on the path of progress by bringing quality in education, research and extension.

The university has carved a niche for itself and accomplished milestones year after year. In furtherance, this financial year has also added value in maintenance and sustenance of quality of 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.

Nirma University

NAAC Accreditation with ‘A’ Grade

Nirma University was accredited by National Assessment and Accreditation Council (NAAC), an autonomous institution of the University Grants Commission, Government of India with ‘A’ Grade (in Cycle 2) with a CGPA of 3.18 on a four point scale.

The letter grade ‘A’ is the highest grade awarded to an institution of higher education by NAAC. The accreditation status indicates that Nirma University meets the standards of quality as set by NAAC, in terms of performance related to educational processes and outcomes; covering the curriculum, teaching-learning, evaluation, faculty, research, infrastructure, learning resources, organisation, governance, financial well-being and student service.

Awards

- Best University in Use of Technology in Teaching-Learning Practices award in the Third CMAI CCI Technology Education Excellence Awards 2015 on July 17, 2015
- Excellence in Technology for Education Delivery, FICCI Education Awards 2015, as a part of the Eleventh FICCI Higher Education Summit 2015 held during November 3-4, 2015

New Programmes Introduced

PhD programme in Architecture

Under the Faculty of Architecture and Planning at the Institute of Architecture and Planning

B. Plan.

Four year under-graduate programme under the Faculty of Architecture and Planning at the Institute of Architecture and Planning approved by Institute of Town Planners, India

B. Com (Hons).

Three year under-graduate programme under the Faculty of Commerce

Innovative Initiatives

Scheme for Incentives and Awards to recognise the Outstanding Achievements of Faculty Members

The University has a well laid mechanism for recognizing and appreciating the outstanding contribution of the faculty members in the field of teaching and research. Under the scheme the six faculty members were given awards along with financial incentives, on December 5, 2015 for their contribution in the concerned field for the year 2015.

Academic Audit

To ensure continuous process of strengthening the quality of education a three tier academic audit has been introduced vide notification dated May 5, 2015.

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.

Constitution of Nirma University Alumni Forum

The Nirma University Alumni Forum was constituted vide notification dated November 5, 2015 with the objective to foster continuous engagement of the Alumni with their Alma Mater and draw their expert knowledge in the relevant fields to further enhance, strengthen and reinforce the over-all quality of the constituent institutes of the university. The first meeting of the Board of Directors of Nirma University Alumni Forum was held on January 23, 2016 at the university.

Centre for Continuing Education (CCE)

CCE organized 32 training programmes and 1079 participants were benefitted by these programmes during the year.

Academic Development and Research (ADR) Cell

The ADR cell organized various faculty and staff development programmes and trained 275 young faculty members and 77 staff members during the financial year.

Institute of Technology

Awards

The institute received the following ISTE National Awards during the year:

- Best Clean and Green Campus
- Best Faculty Chapter Award
- Best IPCL M.Tech. Thesis Award in Chemical Engineering (Energy System)
- Best B.Tech. Project in Civil Engineering

Rankings

- 45th amongst Engineering institutes of the country under National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development
- Listed in the AAAA category of engineering institutes in Careers 360 Ranking Survey, April 2015
- 5th in Top 100 Private T-Schools across the country and 3rd in Top 10 Private T-Schools in the West Zone in the DataQuest CMR T-School Survey, May 2015
- 29th in Top 100 Engineering Colleges and 8th among self-financed colleges across the country by Outlook, July 2015

Research Scholarship Grant

PhD scholarship grant of Rupees One Crore under the 'Visvesvaraya PhD Scheme for Electronics and IT' for the year 2015-16 from Government of India, Department of Electronics and Information Technology (DeitY) for five full-time and five part-time PhD candidates. The institute is the only private institute in Gujarat which has received this renowned research scholarship grant.

Faculty Awards

- **Dr Dhaval Pujara** Professor, Department of Electronics and Communication, was awarded
 - IETE (The Institution of Electronics and Telecommunication Engineers) Smt. Ranjana Pal Memorial Award for contribution in the field of RF and Antenna Engineering during the Fifty-Eight IETE Annual Technical Convention held during September 26-27, 2015 at Kolkata
 - ‘Best Professor of the Institute of Technology for Outstanding Contribution to the Institute’ by Nirma University
- **Dr Sanjay Patel**, Professor, Department of Chemical Engineering, was awarded ‘Best Professor of the Department of Chemical Engineering for Outstanding Contribution in the field of Teaching through Innovation in Teaching Methodology’ by Nirma University.
- **Ms. Neha Patni**, Assistant Professor, Department of Chemical Engineering was awarded ‘Best Assistant Professor of the Department of Chemical Engineering for Outstanding Contribution in the field of Teaching through Innovation in Teaching Methodology’ by Nirma University.

Students’ Awards

- Toyota Award for Unique Design at the International Level Robocon-2015 competition held in Indonesia on August 23, 2015
- Third in the Design Evaluation Category at SAE BAJA 2016, in the All-Terrain Vehicle Competition held at Indore, during February 16-18, 2016

Major Events Organized

- Nineteenth International Symposium on VLSI Design and Test during June 26-29, 2015
- Fifth Nirma University International Conference on Engineering during November 26-28, 2015

Institute of Management

Awards

‘B-School with Excellent Industry Interface-2015’ Award on July 24, 2015 at Mumbai by Lokmat

Rankings

- 29th amongst B-Schools in the country under National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India
- 9th Best B-School for Super Excellence by a survey conducted by GHRDC published in Competition Success Review
- 15th Best B-School by Education World B-School Ranking
- 18th Best Private B-School by a national survey conducted by the Business World and published in December, 2015 Issue

Major Events Organized

- Anvesh: Annual Doctoral Conference in Management during April 3-4, 2015
- Fifth Annual Quality Conference on ‘Transformation through Quality Management’ on November 28, 2015
- Nineteenth Nirma International Conference on Management during January 7-9, 2016 on the theme ‘Empowering Trade, Industry and Society in Challenging and Competitive Environment’

Institute of Pharmacy

Ranking

5th amongst the pharmacy institutes in the country under National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development

Faculty Awards

- **Dr Dhaivat Parikh**, Assistant Professor was awarded ‘Best Assistant Professor of the institute for Outstanding Contribution in the field of Teaching through Innovation in Teaching Methodology’ by Nirma University.
- **Dr Bhoomika M. Patel**, Assistant Professor was awarded ‘Best Research Scientist of the institute for Overall Contribution in all Activities of Research’ by Nirma University
- **Dr Vivek Kumar Vyas**, Assistant Professor was awarded ‘Best Assistant Professor for Outstanding Contribution to the Institute’ by Nirma University.

Students’ Achievement

Three B. Pharm. students of the institute have received ‘Queen Elizabeth II Diamond Scholarship’ at Memorial University of Newfoundland, Canada.

Major Events Organized

- Third Nirma Institute of Pharmacy International Conference on the theme of ‘Global Challenges in Drug Discovery, Development and Regulatory Affairs’ during January 21-23, 2016
- National Seminar on Herbal Cosmetics: Recent Advances, Regulations and Market Trends on March 4, 2016
- National Seminar on Recent Advances in Drug Discovery on March 28, 2016

Institute of Law

Awards

National Legal Awards 2015 for ‘Excellence in Industry Interface in Legal Education’ on May 20, 2015 at New Delhi by CMAI supported by Ministry of Law and Justice, Government of India

Rankings

- 1st among the Top Law Schools of Eminence in India by Global Human Resource Development Centre (GHRDC), March 2016
- 3rd Best Private Law Schools in the country by Career 360 Magazine in January 2016
- 6th in Best Private Law Colleges in India by the Week, June 2015
- 11th in the top twenty law colleges among National Government and Private Law Schools in India by Outlook, 2015

Students’ Awards

The students of IL-NU have won the Bar Council All India Moot Court Competition thrice in a row. The students won the 32nd Competition held during March 5-7, 2016. They also won the 30 and 31 Bar Council All India Moot Court Competition in 2014 and 2015 respectively.

Major Events Organized

- National Conference on Justice Education on the theme ‘Six Decades of Working of the Supreme Court of India’ during January 23-24, 2016
- National Conference on Sustainable Resource Management on March 19, 2016
- National Students’ Conference on ‘International Humanitarian Law and Refugee Law’ on February 19, 2016

Institute of Architecture

Awards

'Indo Global Architecture Education Excellence Award' for promoting quality education in the field of architecture and providing the students global exposure through updated architecture pedagogy on December 28, 2015.

Student Award

A student of the institute was awarded 'Shri N.K. Patel- GICEA Gold Medal' for excellence in academics for the year 2014-15 by the Gujarat Institute of Civil Engineers and Architects.

Research Highlights

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

The prominent highlight of the research work for the financial year (2015-16) are as listed in the table underneath:

Research Projects

Type of Research Projects	Completed				On-going			
	2014-15		2015-16		2014-15		2015-16	
	Number	Amount in lacs	Number	Amount in lacs	Number	Amount in lacs	Number	Amount in lacs
Major	2	32.83	6	114.61	25	515.29	26	639.01
Minor (External)	1	4.80	3	11.20	29	118.15	38	144.84
Minor (Internal)	20	16.13	22	9.45	28	20.86	26	21.76
Grand Total (Major & Minor)	23	53.76	31	135.26	62	654.30	90	805.61

Research Publications

Year	National Journal	International Journal
	Total number of papers published	Total number of papers published
2014-15	33	200
2015-16	57	184

Patents

The Institute of Technology was awarded one patent during the year. Three new patents were filed during the financial year 2015-16. Ten patent applications were filed in the previous financial year (2014-15).

PhD

During the year, 44 additional students have been registered for the PhD programmes. 23 students were awarded PhD degrees. The cumulative total number of students registered for PhD as on March 31, 2016 is 348. 8 new PhD guides were registered during the financial year, which brings the number of registered guides to 154 (as on March 31, 2016). It includes external and in-house guides.

Books Published

The faculty members of the constituent institutes of the university published 13 books during the year.

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 2003, 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 Diploma Studies, Institute of Pharmacy, Institute of Science, Institute of Law and Institute of Architecture. During the year 2015-16, a number of activities were conducted in the Central Office as well as in the constituent Institutes of the University. The details of these activities are narrated in this report for the period from **April 1, 2015 to March 31, 2016**.

Meeting of the 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 16 – 20].

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

Board of Governors

- a) Scheme for offering Awards and Incentives to the faculties for various institutes under the University, to be made applicable from the financial year 2015-16 and onwards. (Resolution No. 3(b) dated 25.04.2015)
- b) Institution of Doctor of Philosophy (Ph.D.) under Faculty of Architecture. (Resolution No. 5(G) dated 25.04.2015)
- c) Approval of Annual Accounts including the statement of Income and Expenditure and Balance Sheet of the University and its constituent Institutes for the Financial Year 2014-15. (Resolution No. 4(A) dated 30.09.2015)
- d) Institution of 2 new medals for overall scholastic performance under different faculties. (Resolution No. 4(C) dated 30.09.2015)
- e) Award of Degrees to 1870 candidates of various U.G, P.G and PhD Programmes. (Resolution No. 5(A) dated 30.09.2015)
- f) Approval of Annual Budget Estimate for the financial year 2016-17 of the Nirma University and its institutions. (Resolution No. 3(A) dated 30.03.2016)
- g) Approval of Financial arrangement for the proposed new programme Bachelor of Planning (B.Plan) under the Institute of Architecture & Planning for next four years and the budget provision for the year 2016-17. (Resolution No. 3(I) dated 30.03.2016)

- h) Provision of budget of Rs. 1 lakh for offering Awards and Incentives to the non-teaching staff of the Nirma University, to be made applicable from the financial year 2016-17 and onwards. (Resolution No. 4(K) dated 30.03.2016)
 - i) Institution of new programmes – (a) Bachelor of Planning (B.Plan.) and (b) Bachelor of Commerce (Hons.). (Resolution No. 4(G) dated 30.03.2016)
 - j) Scheme for awards & incentives to be given to the Best Section, Best Library, Best Laboratory and individual in non-teaching staff under the University and its Institutes. (Resolution No. 5 dated 30.03.2016)
 - k) Appointment of Dr. Anup K Singh as the Director General of the Nirma University for a period of three years with effect from 1st April, 2016. (Resolution No. 8 dated 30.03.2016)
 - l) Fixing rates of remuneration for External Experts invited for conducting assessment of the Design Studio (Jury) and experts invited for onsite visit/RSP visit for B. Arch programme. (Resolution No. 3(D) dated 30.03.2016)
 - m) Revision of amount of expenditure towards annual get-together/recreation for staff, introduced under the welfare measures for all the employees of Nirma University & its Institutes. (Resolution No. 3(E) dated 30.03.2016)
 - n) Revision of amount of Children Education Allowance to be paid to employees of the Nirma University and its Institutes from the Financial Year 2016-17 and onwards. (Resolution No. 3(F) dated 30.03.2016)
2. In addition to above, various Regulations were amended as under:
- a) Academic Regulation R.BM. – 2 pertaining to Eligibility criteria for admission to BBA-MBA programme (Resolution No. 5(C) dated 25.04.2015)
 - b) Academic Regulation R. Ph.D 1.2 (Full-Time), R.Ph.D 6.2 (External) and R.DPM (Ext) 1.2 –with regard to passing standard of Written Test and Personal Interview R. Ph.D 2.5 and R.DPM (Ext) 3.5 with regard to change of the guide for Ph. D students. ((Resolution no. 5(D), Resolution No. 5(F) dated 25.04.2015)
 - c) Amendment in Regulation R.Ph.D 1.7 for Ph.D (Full-time & External) by addition of sub clause (b) with regard to conversion of registration from Ph.D (Full-time) to Ph.D (External) and vice versa. , R.Ph.D 3.3 (ii) of Academic Regulations for Ph.D (Full-time & External) Programme and R.DPM (Ext.) 4.3 of Doctoral Programme in Management (External) with regard to publication of papers, that is acceptance of papers for publication at the time of submission of thesis should also be considered. (Resolution No. 4(C), Resolution No. 4(D) dated 30.03.2016)
 - d) Academic Regulation R-35 of the Academic Regulations for Constitution of Faculties, Board of Studies, Meeting of Institutions etc. by substitution/ addition The nomenclature of the Faculty of Architecture be substituted by Faculty of Architecture and Planning and addition of Faculty of Commerce (Resolution No. 4(J) dated 30.03.2016)

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) Introduction of various courses as University Elective/Institute Elective by Faculty of Technology & Engineering, Faculty of Pharmacy. (Resolution no. 3(N), Resolution no. 5(A) dated 24.04.2015)

- b) Revision in the existing pattern of offering more electives within the available discipline existing under Faculty of Science and the list of electives to be offered for each discipline as incorporated in the Teaching and Examination Scheme of M.Sc. (Biotechnology, Biochemistry, Microbiology) programmes. (Resolution no. 4(B) dated 24.04.2015)
- c) Introduction of Teaching & Examination scheme and Syllabus of Semester - III and IV of M.Sc. in Cosmetic Technology. (Resolution no. 4(D) dated 24.04.2015)
- d) Notified guidelines for LL.M. Dissertation of the Trimester - III of Legal pedagogy and Research programme be applicable *mutatis mutandis* to all the LL.M. programmes, for the students registered in Trimester -III. (Resolution no. 6(G) dated 24.04.2015)
- e) Increase in the intake from existing 40 to 80 seats for B.Arch. Programme. (Resolution no. 13 dated 24.04.2015)
- f) Increase in intake from existing 60 to 120 seats for BBA-MBA programme. (Resolution no. 14(v) dated 24.04.2015)
- g) Introduction of syllabus of courses offered by SM&E and General Management area, for Term-3 of 1st year MBA (Family Business & Entrepreneurship) programme. (Resolution no. 4(B) dated 29.09.2015)
- h) Revision of Teaching and Examination Scheme of all specialization of LL.M. programmes and applicability of syllabus of a course “Comparative Law (Constitutional Governance in Federal Countries: Select Institutions)”. (Resolution no. 6(L) dated 29.09.2015)
- i) Adoption and implementation of Choice Based Credit System. (Resolution no. 9 dated 29.09.2015)
- j) Revision of Teaching & Examination Scheme of pre-requisite courses by replacing the existing courses - Programming Language and Computer Programming to Essentials of Programming along with its syllabus for all the branches of B.Tech programme. (Resolution no. 3(O) dated 29.03.2016)
- k) Introduction of Teaching & Examination Scheme and Syllabus, based on the Choice Based Credit System (CBCS) for the B.Arch programme. (Resolution no. 8(B) dated 29.03.2016)
- l) Introduction of Teaching & Examination Scheme of Semester – I to VIII along with syllabus of Semester – I & II of proposed Bachelor of Planning (B.Plan) programme. (Resolution no. 9(B) dated 29.03.2016)
- m) Increase in intake of proposed Bachelor of Planning (B.Plan) programme from 40 students to 60 students. (Resolution no. 9(C) dated 29.03.2016)
- n) Increase in intake of B.Tech in Information Technology programme run under the Institute of Technology from existing 60 to 120 seats. (Resolution no. 18 dated 29.03.2016)
- o) Introduction of Teaching and Examination Scheme & Syllabus of Semester – I &II of proposed Bachelor of Commerce (Hons.) programme. (Resolution no. 20(A) dated 29.03.2016)
- p) Intake of 60 students for the proposed Bachelor of Commerce (Hons.) programme under the Faculty of Commerce. (Resolution no. 20(B) dated 29.03.2016)

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, **19** faculties have been given recognition as Post Graduate Teachers (PGT) in the different areas as per the details given below. The total number of faculties recognized as P.G.T as on 31.03.2016 is **192** as under.

Branch	No. of faculties given recognition during the year 2014-15	No. of faculties given recognition during the year 2015-16	No. of faculties retired/resigned in 2015 – 16	Total No. of recognized PGT available as on	
				31.03.15	31.03.16
1. Institute of Technology					
a. Chemical Engineering	-	01	-	12	13
b. Civil Engineering.	01	-	01	09	08
c. Computer Eng.-Info. Tech.	11	02	02	30	30
d. Electrical Engineering	01	05	-	19	24
e. Electronics & Com. Eng.	02	01	-	23	24
f. Mechanical Engineering	04	07	-	27	34
g. Maths & Humanities	04	01	01	08	8
h. Instrumentation & Control Eng	02	01	02	13	12
2. Institute of Pharmacy	01	01	-	24	24
3. Institute of Law	-	-	-	11	11
Total	26	19	06	176	189*

* 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	Programme		No. of students registered during the year				Total existing students strength as on			
			14-15	2015-16			31.3.15	31.3.16		
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Faculty of Technology & Engineering	i)	Ph.D. (Full time)	02	02	01	03	04	04	03	07
	ii)	Ph.D. (External)	23	08	06	14	115	96	25	121
	iii)	M. Tech	435	231	136	367*	848	552	254	806
	iv)	MCA	60	42	17	59	194	151	57	208
		MCA Lateral (3 rd Sem)	17	14	07	21				
Faculty of Management	i)	D.P.M. (Full-time) #	09	04	01	05	19	06	14	20
	ii)	D.P.M. (External) #	06	02	03	05	30	26	06	32
	iii)	MBA	246	171	63	234	427	329	135	464
	iv)	MBA (FB&E)	61	43	13	56	144	91	30	121
Faculty of Pharmacy	i)	Ph.D. (Full time)	10	02	05	07	28	16	16	32
	ii)	Ph.D. (External)	07	03	01	04	71	46	22	68
	iii)	M. Pharm	54	15	24	39	118	33	57	90
Faculty of Science	i)	Ph.D. (Full time)	06	02	00	02	22	07	16	23
	ii)	Ph.D. (External)	08	01	02	03	46	17	22	39
	iii)	M. Sc.	76	12	71	83	135	34	118	152
Faculty of Law	i)	Ph.D. (External)	03	01	00	01	05	01	05	06
	ii)	LL.M.	16	7	4	11	19	07	04	11
		Total	1039	560	354	914	2225	1416	787	2200

Doctoral Programme in Management

* Including **4** students of M. Tech. (by Research) programme

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			
			2014-15		2015-16		31.3.2015		31.3.2016	
			Total	Boys	Girls	Total	Total	Boys	Girls	Total
Faculty of Technology & Engineering	i)	B. Tech	832	706	127	833 ^a	3202	2842	570	3412
	ii)	Diploma to Degree	182	146	37	183				
	iii)	Diploma Engineering	@				805	343	44	387
Faculty of Management	i)	Executive Diploma Programme	46	21	3	24	46	21	03	24
	ii)	BBA-MBA	64	60	63	123 ^b	125	107	137	244
Faculty of Pharmacy	i)	B. Pharm	105	58	52	110 ^c	322	153	205	358
Faculty of Law	i)	B.A., LLB.	125	63	72	135 ^d	546	310	270	580
	ii)	B.Com.,LL.B.	63	29	30	59	400	201	153	354
	iii)	BBA. LL.B.	@				110	66	53	119
Faculty of Architecture	i)	B.Arch.	40	32	47	79	40	51	67	118
Total:			1457	1115	431	1546	5596	4094	1502	5596

The total strength of students (both UG & PG taken together) on the campus in the year 2015-16 is 7796

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

^a Includes 42 (35+7) students admitted on supernumerary seats in CIWGC-SEA+PIO and 20 students admitted under Tuition Fee Waiver Scheme

^b Includes 3 (2+1) students admitted on supernumerary seats in CIWGC-SEA+PIO

^c Includes 4 (3+1) students admitted on supernumerary seats in PIO+FN category, 1 under Tuition Fee Waiver Scheme and 1 under J&K category

^d Includes 1 student 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 2014-15 & 2015-16						Total Existing Students in supernumerary categories as on 31.03.2015 & 31.03.2016					
	CIWGC-SEA		PIO		FN		CIWGC-SEA		PIO		FN	
	14-15	15-16	14-15	15-16	14-15	15-16	31.3.15	31.3.16	31.3.15	31.3.16	31.3.15	31.3.16
B. Tech	34	35	13	07	-	-	123	128	41	38	-	-
B. Pharm	01	-	07	03	-	01	04	03	08	10	-	01
B.A., LL.B.	-	01	01	-	-	-	01	01	01	01	-	-
BBA-MBA	02	02	-	01	-	-	03	05	-	01	-	-
MBA	04	07	01	-	-	-	06	09	01	01	-	-
Total	41	45	22	11	-	01	137	146	51	51	-	01

Category-wise students:

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

Institute	Category wise number of Students admitted during the year 2015-16							Category wise Cumulative Existing Students as on 31.03.2016						
	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	3705	138	105	592	11	3	4554
IM-NU	447	-	-	-	-	-	447	905	-	-	-	-	-	905
IDS-NU	-	-	-	-	-	-	-	292	20	08	67	-	-	387
IP-NU	132	04	1	22		1	160	479	12	02	52	02	1	548
IS-NU	88	-	-	-	-	-	88	195	-	02	16	01	-	214
IL-NU	201	-		05	-	-	206	1054	-	-	16	-	-	1070
IA-NU	67	04	-	08	-	-	79	98	05	-	15	-	-	118
Total:	2075	65	43	273	3	1	2460	6728	175	117	758	14	4	7796

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, IA-NU= Institute of Architecture

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	
				2014-15	2015-16	2014-15	2015-16
1.	Faculty of Technology & Engineering	i)	Ph.D.	13	06	170	152
		ii)	M. Tech	510	420		
		iii)	MCA	76	85		
		iv)	B. Tech.	367	365		
		v)	Diploma to Degree	164	169		
		vi)	Diploma	-	-		
2.	Faculty of Management	i)	Ph.D. (DPM)	10	-	12	10
		ii)	M.B.A. (Full Time)	241	234		
		iii)	M.B.A. (FB&E)	60	56		
		iv)	BBA-MBA	48	96		
		v)	Executive Diploma Programme	40	24		
3.	Faculty of Pharmacy	i)	Ph. D.	11	03	17	22
		ii)	M. Pharm	53	32		
		iii)	B. Pharm	18	25		
4.	Faculty of Science	i)	Ph.D.	11	05	19	15
		ii)	M. Sc.	94	89		
5.	Faculty of Law	i)	LL.M.	14	06	108	172
		ii)	B.A. LLB. (Hons.)	117	132		
		iii)	B.Com. LLB. (Hons.)	58	56		
		iv)	BBA LLB. (Hons.)	-	-		
6.	Faculty of Architecture	i)	Ph.D.	-	03	-	-
		i)	B.Arch.	16	46	-	-
Total:				1921	1852	326	371

Research

Ph.D. Programmes

During the year 2015-16, **08** 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 22]. The cumulative existing number of available recognized Ph.D. Guides as on 31.03.2016 is **154**. Faculty wise details are as under

Faculty	Ph. D. Guides Recognized during the year				Total Available Recognized Ph. D Guides as on			
	2014-15	2015-16			31.03.2015	31.03.2016		
	Total	Internal	External	Total	Total	Internal	External	Total
Technology & Engg	03	01	01	02	38	32	08	40
Management	01	-	-	-	18	15	01	16
Pharmacy	01	01	00	01	21	18	03	21
Science	04	02	02	04	74	14	60	74
Law	-	-	-	-	02	02	-	02
Architecture	-	01	0	01	-	01	-	01
Total	09	05	03	08	153	82	72	154*

* This figure does not include the 7 recognized faculty members / Scientist who left the Institutions

During the year, **44** additional students have been registered for the Ph. D Programmes. 23 students have been awarded the Ph. D. Degree. The details are given in Appendix-D [page 23 – 27]. The cumulative total number of students registered for Ph. D on 31.03.2016 is **348**. This figure does not include the 23 students who are awarded degree and **13** students whose admissions are cancelled due to non-compliance of Academic Requirement / Voluntary withdrawal.

Research Projects

Summary of the Research Project

(Amount in Lacs)

Type of Research Projects	Completed (1)				On-going (2)			
	2014-15		2015-16		2014-15		2015-16	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Major	2	32.83	6	114.61	13	260.37	19	398.31
Minor (External)	1	4.80	3	11.20	8	30.50	26	106.95
Minor (Internal)	20	16.13	22	9.45	21	14.43	5	4.70
Grand Total (Major & Minor)	23	53.76	31	135.26	42	305.30	50	509.96

Type of Research Projects	New Projects (3) (Ongoing / Sanctioned)				Grand Total (1+2+3)			
	2014-15		2015-16		2014-15		2015-16	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Major	12	254.92	7	240.70	27	548.12	32	753.62
Minor (External)	21	87.65	12	37.89	30	122.95	41	156.04
Minor (Internal)	7	6.43	21	17.06	48	36.99	48	31.21
Grand Total (Major & Minor)	40	349.00	40	295.65	105	708.06	121	940.87

Summary of Revenue Generated through Consultancy / Testing / Training

Revenue Generated	2014-15	2015-16
	Consultancy / Testing / Training	Consultancy / Testing / Training
Total	90.60 Lac	116.18 Lac

Funding agency wise details of Research Projects during the Financial Year 2015-16

(Amount in Lacs)

Type of Research Projects	Funding Agency	Completed		On-going		New Project (Ongoing / Sanctioned)		Grand Total	
		Number	Amount	Number	Amount	Number	Amount	Number	Amount
Major	ISRO	2	19.80	5	77.01	1	18.26	8	115.07
	GUJCOST			2	15.5			2	15.50
	DST	1	15.95	8	169.84	4	151.50	13	337.29
	IPR	1	7.20					1	7.20
	DBT	2	71.66	3	128.46			5	200.12
	IC-Impact					1	43.94	1	43.94
	Nirma University					1	27.00	1	27.00
	Green Environment Services Co-op. Soc. Ltd.			1	7.5			1	7.50
	Total		6	114.61	19	398.31	7	240.70	32
Minor (Ext.)	GUJCOST	3	11.20	24	102.50	10	35.18	37	148.88
	Adani infra			1	2.5			1	2.50
	Stabicot-Vitamins					1	0.71	1	0.71
	Mahatma Gandhi Labour Institute					1	2.00	1	2.00
	Research Society for the Study of Diabetes in India			1	1.95			1	1.95
	Total	3	11.20	26	106.95	12	37.89	41	156.04
Minor (Internal)		22	9.45	5	4.70	21	17.06	48	31.21
Grand Total		31	135.26	50	509.96	40	295.65	121	940.87

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 Impact Factor	Total Number of Papers Published	Number of Papers having Impact Factor	Average Impact Factor for the papers having Impact Factor
2014-15	33	04	0.237	200	82	2.06
2015-16	57	7	1.20	184	115	2.26

Personnel and Administration

During the year 2015-16, total **5** advertisements were published for filling up teaching and non-teaching posts. Out of the applications received, **48** appointments have been made for teaching posts, out of which **05** internal candidates were appointed on higher positions through direct selection, and **20** 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		Total strength in the given AGP as on given date				Total existing as on
	14-15	15-16	AGP (8000) 31.03.16	AGP (7000) 31.03.16	AGP (6000) 31.03.16	31.03.15	
IT-NU	28	14	16	47	95	162	158
IM-NU	05	6	03	03	14	17	20
IDS-NU	02	4	01	02	15	32	18
IP-NU	-	1	05	03	09	16	17
IS-NU	-	1	01	05	01	07	7
IL-NU	16	8	00	02	27	35	29
IA-NU	02	06	01	-	07	02	8
Total	53	40	27	62	168	271	257

Institutes	Associate Professor				HoI / Professor				Total Professors & Associate Professors taken together			
	Appointed during		Total existing as on		Appointed during		Total existing as on		Appointed during		Total existing as on	
	14-15	15-16	31.3.15	31.3.16	14-15	15-16	31.3.15	31.3.16	14-15	15-16	31.3.15	31.3.16
IT-NU	03	03	27	28	03	02	24	26	06	05	51	54
IM-NU	-	-	09	08	-	01	09	09	-	01	18	17
IDS-NU	-	-	-	-	-	-	01	01	-	-	01	01
IP-NU	-	-	04	04	-	-	05	05	-	-	09	09
IS-NU	-	-	01	01	-	-	01	01	-	-	02	02
IL-NU	03	01	03	03	-	-	01	01	03	01	04	04
IA-NU	01	01	01	02	01	-	01	01	02	01	02	03
Total	07	05	45	46	04	03	42	44	11	08	87	90

Institutes	Total Teaching Faculty Members				Non-Teaching Staff			
	Appointed during		Total existing as on		Appointed during		Total existing as on	
	2014-15	2015-16	31.03.2015	31.03.2016	2014-15	2015-16	31.03.2015	31.03.2016
IT-NU	34	19	213	212	-	07	108	110
IM-NU	05	07	35	37	01	05	53	52
IDS-NU	02	04	33	19	-	-	05	03
IP-NU	-	01	25	26	-	01	23	22
IS-NU	-	01	09	09	-	0	07	06
IL-NU	19	09	39	33	-	05	11	14
IA-NU	04	07	04	11	02	02	02	06
NU					05	06	34	37
Total	64	48	358	347	08	26	243	250

The total staff available as on 31.3.2016 in the University is **597*** [Teaching = **347**(including 25 Adhoc Assistant Professors) + non-teaching = **250**]

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

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 31.03.16		
	15-16	Total till 31.03.16	15-16	Total till 31.03.16	15-16	Total till 31.03.16	15-16	Total till 31.03.16			
IT-NU	12	48	02	07	04	08	02	02	65	04	136
IM-NU	-	-	-	-	-	-	01	01	01	02	22
IDS-NU	-	-	01	01	-	-	-	-	01	-	13
IP-NU	01	03	-	01	-	01	-	-	05	02	15
IS-NU	02	03	-	-	-	-	-	-	03	-	03
IL-NU	-	-	-	-	-	-	-	-	-	01	05
Central Office	Not Applicable									02	48
Total	15	54	03	09	04	09	03	03	75	11	242

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

Adjunct Professors /Visiting Faculty members

Institute	Visiting Faculty		Adjunct Professors/Faculty	
	2014-15	2015-16	2014-15	2015-16
Institute of Technology	29	30	01	01
Institute of Management	25	25	02	02
Institute of Diploma Studies	34	07	-	-
Institute of Pharmacy	19	16	-	-
Institute of Science	08	09	-	-
Institute of Law	31	34	01	01
Institute of Architecture	09	26	-	03
Total:	155	147	04	07

Resignation / Retirements

During the year 2015-16, **54** Teaching Staff and **19** Non-Teaching Staff have resigned /retired from different Institutions of the University. The details are given below:

Institute	Professor		Associate Professors		Assistant Professors		Non -Teaching Staff	
	14-15	15-16	14-15	15-16	14-15	15-16	14-15	15-16
IT-NU	01	02	-	02	17	12	06	06
IM-NU	01	01	02	-	03	04	02	05
IP-NU	-	-	01	-	-	-	-	02
IS-NU	-	-	-	-	-	01	-	01
IL-NU	-	-	01	01	13	13	02	02
IA-NU	-	-	-	-	-	01	-	-
Central Office							03	03
Total	02	03	04	03	33	48	13	19

Faculty Improvement Programme

During the year **03** 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 31.03.15)		Cumulative as on 31.03.2016	
	2014-15		2015-16		Master	Ph. D	Master	Ph. D
	Master	Ph. D	Master	Ph. D				
IT-NU	01	14	-	03	77	105	77	108
IM-NU	-	-	-	-	-	06	-	06
IDS-NU	-	-	-	-	30	06	30	06
IP-NU	-	-	-	-	-	11	-	11
Total	01	14	-	03	107	128	107	131*

* 6 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 31.03.16	
		2014-15		2015-16		Cumulative as on 31.03.2016		Master	Ph. D.
		Master	Ph. D	Master	Ph. D	Master	Ph. D		
1	IT-NU	06	04	-	06	76	39	01	66
2	IM-NU	-	01	-	01	0	05	00	01
3	IDS-NU	11	01	-	0	23	02	07	01
4	IP-NU	-	03	-	0	0	07	00	04
Total		17	09	-	07	99	53	08	72

Examination Section

Semester End Examinations were conducted during the year for **1655** courses of Under-graduate, Post-graduate and Diploma Engineering 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 2014-15 & 2015-16 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	
		2014-15	2015-16	2014-15	2015-16
1	Based on Merit	145	213	105.98	155.61
2	Merit cum means	440	282	201.77	165.01
3	Stipend to PG Students	306	331	166.80	213.23
4	Fellowships to Doctoral Students	22	24	21.74	50.38
5	Students needy fund	26	02	6.54	1.11
6	100% subsidy on Interest on Education Loan	18	14	5.07	3.07
7	50% subsidy on Interest on Education Loan	09	05	1.55	0.60
Total		966	871	509.45	589.01

In addition to the above, **450** students have availed the benefit of book bank facility in the year 2015-16.

Infrastructure Development

During the Financial Year 2015-16, expenditure for development of infrastructure facility has been made as per the following details:

Description	Institute wise expenditure during the year 2015-16							Total	
	IT-NU	IM-NU	IP-NU	IS-NU	IL-NU	IA-NU	Central Office	2014-15	2015-16
Equipment	104.12	30.61	29.73	4.38	13.73	12.77	12.24	246.95	207.58
Computers	46.87	11.66	0.75	0.08	1.60	16.43	0.25	100.29	77.64
Books	11.19	15.00	3.48	1.67	14.56	8.93	0.00	48.53	54.83
Vehicles	15.29	15.97	0.00	0.00	0.00	0.00	4.20	39.61	35.46
Furniture & Fixtures (including WIP)	63.54	29.35	2.69	0.16	39.55	78.90	40.73	701.5	254.92
Building	24.37	61.56	0.00	0.00	7.40	37.50	4531.53	505.37	4662.36
Building (WIP)	0.00	0.00	0.00	0.00	0.00	2.58	664.81	514.99	667.39
Total	265.38	164.15	36.65	6.29	76.84	157.11	5253.76	2157.24	5960.18

The total amount spent in the Financial Year 2015-16 for above infrastructure comes to ₹ 5960.18 lacs

Staff Welfare Activities

Reimbursement of Expenditure to the Employees of the University for the year 2015-16 are as under:

Expenditure Head	Institute wise expenditure during the year 2015-16									Total	
	IT-NU	IM-NU	IDS-NU	IP-NU	IS-NU	IL-NU	CC E	IA-NU	Central office	2014-15	2015-16
Expenses towards Tuition Fee for the Employees' Dependent Children	14.54	3.94	0.88	2.62	0.80	0.94	0.09	0.28	1.36	26.12	25.45
Expenses towards Hospitalization	8.56	4.86	-	0.25	-	-	-	-	0.07	11.7	13.74

Expenditure Head	Institute wise expenditure during the year 2015-16									Total	
	IT-NU	IM-NU	IDS-NU	IP-NU	IS-NU	IL-NU	CCE	IA-NU	Central office	2014-15	2015-16
Expenses towards Purchase of Books/ Magazine/ Subscription of Journals / Membership etc.	5.96	1.44	0.40	0.79	0.36	0.58	-	0.02	-	9.71	9.55
Expenses towards LTC	15.41	5.22	0.28	2.84	0.27	2.82	0.00	0.00	2.23	9.05	29.07
Expenses towards Recreation Activities	0.82	0.12	0.08	0.10	0.04	0.18	0.00	0.07	0.15	1.75	1.56
Expenses towards Medical Allowances	11.51	2.97	1.00	1.59	0.55	1.71	0.04	0.38	0.94	22.63	20.69
Total	56.80	18.55	2.64	8.19	2.02	6.23	0.13	0.75	4.75	80.96	100.06

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 2014-15 & 2015-16 are given below:

Books:

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	
	2014-15	2015-16	2014-15	2015-16	31.3.15	31.3.16	31.3.15	31.3.16
IT-NU	631	971	1463	2024	30509	31480	44045	46069
IM-NU	928	1132	935	1133	28615	29747	30836	31969
IDS-NU	193	0	202	0	5971	5971	9670	9670
IP-NU	167	134	373	169	5231	5365	8539	8708
IS-NU	114	68	122	76	1891	1959	2184	2260
IL-NU	873	549	1101	671	7913	8462	10007	10678
IA-NU	0	392	73	452	337	729	444	896
Grand Total	2906	3246	4269	4525	80467	83713	105725	110250

Details books added during the year 2015- 16 and total as on 31.03.2016 in Technical and Science, Humanities subject

Name of the Institute	Number of Books for Technical subjects during the year 2015-16				Number of Books for Science & Humanities during the year 2015-16			
	Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & Volumes as on 31.3.2016		Number of Titles & Volumes added during the year		Cumulative Total No. of Titles & volumes as on 31.3.2016	
	Title	Volumes	Title	Volumes	Title	Volumes	Title	Volumes
IT-NU	669	1645	24968	38574	302	379	6512	7495
IM-NU	678	679	18885	20600	454	454	10862	11369
IDS-NU	0	0	3726	6880	0	0	2245	2790
IP-NU	95	124	3044	5034	39	45	2321	3674
IS-NU	46	53	1056	1183	22	23	903	1077
IL-NU	371	477	6653	8505	178	194	1809	2173
IA-NU	384	444	696	863	8	8	33	33
Total	2243	3422	59028	81639	1003	1103	24685	28611

Journals:

Name of the Institute	Number of Periodicals / Journals during the year 2015-16		Material which includes CD's / Cassettes other Audio-visual Materials	
	Added during the year 2015-16	Cumulative total as on 31.3.2016	Added during the year 2015-16	Cumulative Total as on 31.3.2016
IT-NU	66 Print	240 Print + 719 Online	52	325
IM-NU	1 Print	239 Print + 15162 Online	14	1160
IDS-NU	-	-	-	276
IP-NU	-	46 print + 108 Online	-	47
IS-NU	-	4 Print + 13 Online	-	1
IL-NU	1 Print + 10 Online	97 Print + 2364 Online	19	351
IA-NU	0	11 Print	-	72
Total	68 Print + 10 Online	637 print+18366 Online	85	2232

Approval of New Programme

The following programmes were approved under various Faculties

- i. **Bachelor of Commerce (Honours) [B. Com. (Hons.)] under the Faculty of Commerce**
- ii. **Bachelor of Planning (B. Plan.) under the Faculty of Architecture & Planning**

Other Events

Name of Event	Date	Chief Guest
19 th Convocation	April 25, 2015	Hon'ble Justice Mr. Aziz Mushabber Ahmadi , Former Chief Justice of India
20 th Convocation	December 12, 2015	Dr. Raghunath A Mashelkar , National Reserch Professor, CSIR-National Chemical laboratory, Pune
Independence Day	August 15, 2015	Dr. R. N. Vakil Chairman & Managing Director VMS Engineering and Design Services Private Ltd.
Republic Day	January 26, 2016	Dr. Sunil R. Parekh President, Gujarat SPICMACAY

ADR Cell Activities during the year (2015-16)

Accreditation by the National Assessment & Accreditation Council (NAAC):

The ADR Cell coordinated the NAAC accreditation activity during the year. In this reference, the ADR Cell has carried out following activities during the year:

- Preparation of Self-Study Report (Volume I and II) in coordination with University Office and the constituent Institutes,
- Preparation of all the relevant documents/evidences,
- Helped the institutes for document preparations,
- Conducted mock rounds,
- Disseminated information and created awareness among various stake holders through seminars,
- Detailed out all necessary requirements and successfully handled the NAAC peer team visit

The outcome of entire exercise resulted in the award of the highest grade ‘A’ to the University by the NAAC with the CGPA of 3.18.

New Initiatives:

- Drafted of the ‘Value Framework of Nirma University’ and evolved the consensus on values that are important to the University.
- Drafted the ‘Rules for Preventing Plagiarism’ for the faculty members and Doctoral scholars of the University.
- Prepared a scheme of providing grants to the faculty members for publishing different study /research literature.
- Prepared a scheme of Awards & Incentives for the staff members for their outstanding

Action on Initiatives Taken During the Previous Year:

A. Faculty Development Programmes

Successful conducted various faculty development programmes, which include:

- a) Induction Training Programmes of 4 weeks
- b) Faculty Orientation Programmes of 2 weeks
- c) Refresher programmes - Discipline Specific of 2 weeks
- d) Research Orientation Programmes of 2 weeks

B. Academic Audit at Three Levels

Academic Audit Activity	Year 2014 - 15	Year 2015 - 16
No. of Peer Faculty Classroom Observations (Junior Faculty Members) by Senior Faculty Members (on average per month during ongoing semesters)	105	84
No. of Institute Level Academic Audit (Per Semester per Institute / per Department)	15	15 + 15
No. of University Level Academic Audit	00	07

C. Implementation of Different Policies

- a) Research Policy
- b) Quality Policy
- c) Information Technology (IT) Policy

- d) Code of Ethics for Research

D. Implementation of the different Schemes

- a) Granting of Major Research Projects by the University up-to Rs. 30 Lacs.
 b) Introducing Incentives and Awards to recognize the outstanding contribution by the faculty in the field of Teaching and Research.

E. Training Programmes

The summary of different types of training programmes, refresher courses workshops etc. arranged by ADR Cell during the year 2015-16 are as under:

Training Programmes During the Year 2015-16:

Sr. No.	Name of the Programmes	Duration of the Programmes	No. of Participant
1.	Faculty Induction Training Programme	4 Weeks	32
2.	Faculty Orientation Programme	2 Weeks	29
3.	Research Orientation Programmes	2 Weeks	29
4.	Workshop on 'Outcome Based Education – Experience Sharing'	One day	32
5.	Workshop on 'Educational Technology' by Dr. Teri Balser	One day	36
6.	Faculty Orientation Programme	2 Weeks	27
7.	Workshop on 'Drafting Value Framework of Nirma University'	One day	30
8.	Training Programmes for Laboratory Assistants	3 days	25
9.	Training Programmes for Computer Operators and Computer Programmers	3 days	17
10.	Workshop on 'Rules for Preventing Plagiarism'	½ day	300
11.	Training Programme for the Assistant Registrars/Office Superintendents and Equivalent	60 hours	35
12.	Workshop on, 'M G Taylor Model for Group Collaboration to Create Group Genius'	One day	30
13.	Workshop on 'Blended Course Design & Models for Collaborative Learning'	One day	30
Total			652

Training Programmes During the Year 2014-15:

Sr. No.	Programme	Programme Duration	No. of Participants
1.	Faculty Orientation Programme	2 Weeks	32
2.	Research Orientation Programme	1 Week	27
3.	Workshop on Faculty functions and Roles	1 day	15
4.	Workshop on Faculty functions and Roles	1 day	28
5.	Workshop on Faculty functions and Roles	1 day	26
6.	Workshop on Faculty functions and Roles	1 day	22
Total			150

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 Hirenbbhai 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)	Dr Purvi Pokhariyal Dean, Faculty of Law Nirma University, Ahmedabad (up to 23.08.2015)	5.(b)	Prof.(Dr.) S Garimella Dean, Faculty of Management Nirma University, Ahmedabad (from 01.09.2015)
6.(a)	Dr. Manjunath Ghate Dean, Faculty of Pharmacy Nirma University, Ahmedabad (up to 23.08.2015)	6.(b)	Dr. Utpal Sharma Dean, Faculty of Architecture & Planning, Nirma University, Ahmedabad (from 01.09.2015)
7.(a)	Shri. Mukesh Puri, IAS Principal Secretary Dept. of Higher and Technical Education, Govt. of Gujarat Sachivalaya, Gandhinagar (up to 16.06.2015)	7.(b)	Shri. Pankaj Joshi, IAS Principal Secretary Dept. of Higher and Technical Education, Block No. 5, 8 th Floor Sachivalaya, Gandhinagar (from 17.06.2015)

- | | | | |
|-----|---|-----|--|
| 8. | Shri J. P. Joshipara
240, Manek Baug Society
S M Road, Nirma Circle
Ahmedabad-380015 | 9. | Prof. N. R. Madhava Menon
Dr. S. Radhakrishnan Chair on
Parliamentary Studies,
Trivandrum-695 012 |
| 10. | Shri Vipinbhai Parikh, Advocate
3, Khadayata Colony, b/h Pantaloon
Show Room, Nr. Law Garden,
Ellisbridge, Ahmedabad-380 006 | 11. | Shri Hirenbhai K. Patel
Managing Director
Nirma Ltd., Nirma House
Ashram Road, Ahmedabad |
| 12. | Shri. Pankajbhai Patel
Chairman & Managing Director
Zydus Cadila Healthcare Ltd.
Satellite, Ahmedabad. | 13. | Dr P. N. Bhagwati
Chairman, Bhagwati Sphero Cast Ltd.,
'Saraswati Niwas'
1, Krishna Society, Near Law Garden,
Ellisbridge, Ahmedabad |
| 14. | Shri. Kamalbhai Trivedi
Advocate General, Gujarat High Court
The Chamber, Opp. Gurudwara, Theltej
Cross Road, Ahmedabad. | 15. | Shri Rakeshbhai K Patel
Vice Chairman, Nirma Ltd.
Nirma House, Ashram Road,
Ahmedabad. |
| 16. | Shri G. Ramachandran Nair - Secretary
Executive Registrar | | |

Members of Academic Council

Sr.	Name	Sr.	Name
1.	Dr. Anup K Singh - Chairman Director General Nirma University Ahmedabad	2.	Shri K. Thyagrajan Iyer 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 Piyushbhai Shah Managing Director Hitachi Hi-Rel Power Electronics Pvt. Ltd., B-14/1 & 171, GIDC Electronics Estate, Gandhinagar.
5.(a)	Dr K. Kotecha Dean, Faculty of Technology & Engineering, Nirma University, Ahmedabad (up to June, 2015)	5.(a)	Dr. P.N. Tekwani Dean, Faculty of Technology & Engineering (i/c), Nirma University, Ahmedabad (From July, 2015)
6.	Shri. Jaimin Vasa Managing Director, Vasa Pharmachem Pvt. Ltd. D-1, Nikubh Complex, C.G. Road Navrangpura, Ahmedabad.	7.	Dr Manjunath Ghate Dean, Faculty of Pharmacy Dean, Faculty of Doctoral Studies & Research, Nirma University, Ahmedabad
8.	Dr S Garimella Dean, Faculty of Management Nirma University, Ahmedabad	9.	Prof. Purvi Pokhariyal Dean, Faculty of Law Nirma University, Ahmedabad

- | | | | |
|-----|---|-----|--|
| 10. | Prof. Sarat Dalai
Dean, Faculty of Science
Nirma University, Ahmedabad | 11. | Prof. Utpal Sharma
Dean, Faculty of Architecture & Planning,
Nirma University |
| 12. | Prof Shantanu Mehta
Dean, Faculty of Commerce
Nirma University, Ahmedabad
(from 20.05.2016) | 13. | Prof. V. J. Lakhera
Mechanical Engineering, Institute of
Technology, Nirma University |
| 14. | Prof. Priyanka Sharma
CE/MCA Department
Institute of Technology
Nirma University, Ahmedabad | 15. | Prof. Jayesh Ruparelia
Chemical Engineering
Institute of Technology, Nirma University |
| 16. | Prof. U. V. Dave
Civil Engineering
Institute of Technology
Nirma University, Ahmedabad | 17. | Prof. P. N. Tekwani
Head, Dept. of Electrical Engineering
Institute of Technology
Nirma University, Ahmedabad |
| 18. | Prof. D. K. Kothari
Head, Dept. of EC Eng.
Institute of Technology, Nirma University | 19. | Dr. Gaurang Raval
Asso. Prof., Information Technology
Institute of Technology
Nirma University, Ahmedabad |
| 20. | Prof. D.M.Adhyaru
Head, Dept. of IC Engineering
Institute of Technology,
Nirma University, Ahmedabad | 21. | Prof Deepak Danak
Economics and Finance Area
Institute of Management
Nirma University, Ahmedabad |
| 22. | Prof Nityesh Bhatt
Information Management Area
Institute of Management
Nirma University, Ahmedabad | 23. | Prof. Bindi Mehta
SM & E area,
Institute of Management, Nirma
University, Ahmedabad
(up to 30.04.2016) |
| 24. | Prof. Rajesh Jain
General Management Area
Institute of Management
Nirma University, Ahmedabad | 25. | Prof. P. K. Yadav
Marketing Area
Institute of Management
Nirma University, Ahmedabad |
| 26. | Prof. Nina Muncherjee
Organizational Behaviour & Human
Resource Management Area, Institute of
Management, Nirma University,
Ahmedabad | 27. | Dr. Hardik Bhatt
Asso.Prof, Pharmaceutical Chemistry
Institute of Pharmacy
Nirma University, Ahmedabad |
| 28. | Dr. Sanjeev Acharya
Associate Professor
Pharmacognosy
Institute of Pharmacy
Nirma University, Ahmedabad | 29. | Prof. Priti Mehta
Head, Dept. of Pharmaceutical Analysis
Institute of Pharmacy, Nirma University,
Ahmedabad |

- | | |
|--|---|
| <p>30. Dr. Madhuri Parikh
Associate Professor
Institute of Law
Nirma University, Ahmedabad</p> <p>32. Dr Tarkesh Molia
Associate Professor
Institute of Law
Nirma University, Ahmedabad</p> <p>34. Prof. Sharad Panchal
Institute of Architecture & Planning
Nirma University</p> <p>36. Shri G. Ramachandran Nair - Secretary
Executive Registrar
Nirma University, Ahmedabad</p> | <p>31. Dr. Mayur M Patel
Associate Professor
Pharmaceutics
Institute of Pharmacy
Nirma University, Ahmedabad</p> <p>33. Dr Shalini Rajkumar
Associate Professor
Institute of Science
Nirma University
Ahmedabad</p> <p>35. Prof. Jigna Shah
Head, Dept. of Pharmacology
Institute of Pharmacy
Nirma University, Ahmedabad</p> |
|--|---|

Members of Finance Committee

Sr.	Name	Sr.	Name
1.	Dr Anup K Singh - <i>Chairman</i> Director General Nirma University Ahmedabad	2.	Shri Hirenbhai K. Patel Member, Board of Governors Nirma University Nirma House, Ashram Road Ahmedabad
3.	Shri R. D. Shah Chartered Accountant Nirma House, Ashram Road, Ahmedabad.	4.(a)	Dr S. Garimella Dean, Faculty of Management Nirma University, Ahmedabad (up to 26.11.2015)
4.(b)	Dr. Utpal Sharma Dean, Faculty of Architecture & Planning Nirma University, Ahmedabad (from 27.11.2015)	5.	Shri G. Ramachandran Nair - Secretary Executive Registrar Nirma University Ahmedabad

OFFICERS OF THE UNIVERSITY DURING THE YEAR 2015-16

Sr.	Name	Designation
1.	Dr. Anup K. Singh	Director General
2.	Shri. K K Patel	I/c VP & COO (Upto 26.01.2016) Vice President (from 27.01.2016)
3.	Shri. D P Chhaya	Director (Academic & General Administration)
4.	Shri. G. Ramachandran Nair	Executive Registrar
5.	Dr. Manjunath Ghate	Dean, Faculty of Doctoral Studies & Research, and Dean, Faculty of Pharmacy
6.	Dr. S. Garimella	Dean, Faculty of Management
7.(a)	Dr. K. Kotecha	Dean, Faculty of Technology & Engineering (up to June, 2015)
7.(b)	Dr. P.N. Tekwani	Dean, i/c Faculty of Technology & Engineering (from July, 2015)
8.	Prof. (Dr.) Purvi Pokhariyal	Dean, Faculty of Law
9.	Dr. Sarat Dalai	Dean, Faculty of Science
10.	Dr. Utpal Sharma	Dean, Faculty of Architecture & Planning

Details of Meetings of the Authorities of the University

Sr.	Authorities of the University	Dates of Meeting
1.	Board of Governors	25.04.2015, 30.09.2015, 30.03.2016
2.	Academic Council	24.04.2015, 29.06.2015, 29.09.2015, 29.03.2016
3.	Finance Committee	19.09.2015, 15.03.2016
4.	Faculty of Technology & Engineering	21.08.2015, 05.02.2016
5.	Faculty of Management	06.04.2015, 12.06.2015, 04.09.2015, 22.02.2016
6.	Faculty of Pharmacy	31.08.2015, 19.02.2016
7.	Faculty of Science	01.09.2015, 26.02.2016
8.	Faculty of Law	12.09.2015, 27.02.2016
9.	Faculty of Doctoral Studies & Research	10.04.2015, 18.08.2015, 29.09.2015, 25.03.2016
10.	Area Committee of Faculty of Pharmacy	06.08.2015, 28.01.2016
11.	Adhoc Jt. Board of Studies in Science	05.08.2015, 23.01.2016
12.	Area Committees of Management	14.08.2015, 29.01.2016
13.	Board of Studies (Degree & Diploma Programmes) (Under Faculty of Technology & Engineering)	30.07.2015 to 04.08.2015, 22.01.2016 to 29.01.2016 (Degree), 30.07.2015 (Diploma)
14.	Jt. Board of Studies in Humanities & Social Science and Jt. Board of Studies in Science (under Faculty of Technology & Engineering and Pharmacy)	05.08.2016, 18.01.2016
15.	Board of Studies in Law	01.08.2015, 06.02.2016, 13.02.2016
16.	Adhoc Joint Board of Studies in Architecture	14.08.2015, 21.01.2016
17.	Adhoc Interdisciplinary Joint Board of Studies in M.Sc.- Cosmetic Technology	04.08.2015, 02.02.2016
18.	Adhoc Board of Studies in Planning	30.12.2015
19.	Adhoc Board of Studies in Commerce	22.03.2016
20.	Library Council	12.01.2016
21.	Students Welfare Board	23.02.2016

Details of Recognition given as Ph.D. Guide of the University during the Year 2015-16**A. From Institutes of the University**

Sr. No.	Name	Discipline
1	Prof. Utpal Kumar Sharma	Planning
2	Dr. Savjani Jignasa Ketan	Pharmaceutical Sciences
3	Dr. Chauhan Chetna Chaturbhai	Physics
4	Dr. Rajeev Kumar Tyagi	Biotechnology & Biochemistry
5	Dr. Patel Femina Jitendra	Chemical Engineering

B. Scientists from Institutes Recognized by the University

Institute of Plasma Research, Gandhinagar

Sr. No.	Name	Discipline
1.	Dr. Bandyopadhyay Indranil	Physics

Space Application Centre, ISRO, Ahmedabad

Sr. No.	Name	Discipline
1.	Dr. Sanjib Kumar Deb	Atmospheric Sciences
2.	Dr. Kumarbhattar Raghunath	Electronics & Communication Engineering

Details of Students Registered for Doctoral Studies (Ph.D.) during the year 2015-16

Sr. No	Student Name	Guide	Faculty	Tentative Topic
1	Patel Foram Rishin	Dr. Purvi Pokhariyal	Law	Critical Evaluation of Freedom of Speech and Expression Guaranteed Under Article 19 (1) (A) of the Constitution in Context of Social
2	Nenavani Jitendra Maheshkumar		Management	Topic yet not finalized
3	Neha		Management	Topic yet not finalized
4	Rajwinder Kaur		Management	Topic yet not finalized
5	Singh Ritika Sushilkumar		Management	Topic yet not finalized
6	Siddhartha Chatterjee		Management	Topic yet not finalized
7	Vartika Sharma	Dr. Sameer Pingle	Management	Organization Citizenship Behavior and Organizational Commitment
8	Prajapati Nirali Ratilal	Dr. Sameer Pingle	Management	An Analysis on Potential Appraisal: The Organizational Growth Strategy
9	Shah Dipesh Rameshbhai	Dr. P. K. Chugan	Management	Setting up successful International Financial Services Centre (IFSC) in India:
10	Kale Aniket Divakar	Dr. Deepak Srivastav	Management	Dynamic capabilities and internationalization of automobile industry
11	Sharma Rohit Nitin	Dr. Deepak Srivastav	Management	Born Global Firms in Indian Biopharmaceutical Sector
12	Chothani Pritibahen Bipinbhai	Dr. Jigar N. Shah	Pharmacy	Design, Development and Evaluation of Pulsatile Dosage Forms of Licofelone for the Chronotherapy of Arthritis
13	Gunjan Vyas	Dr. Jigar N. Shah	Pharmacy	Co-crystal Engineering-Enhancement in Physicochemical Attributes of API
14	Mirza Anwarbaig Chandbaig	Dr. Shital Panchal	Pharmacy	Pharmacological Evaluation of Some Medicinal Herbs for Diabetes Associated Complications
15	Panchal Nirupaben Bachubhai	Dr. Kamala Vasu	Pharmacy	Novel Imidazo[1,2-C]Pyrimidine Derivatives as Potential Anti-Cancer Agents

16	Rawal Shruti Udaykumar	Dr. Mayur M. Patel	Pharmacy	Design, Development and Characterization of Nano particulate Drug Delivery Systems for Targeted Delivery of Chemotherapeutic Agents
17	Tripti Halder	Dr. Niyati S. Acharya	Pharmacy	Development of Novel Approaches for Targeted Delivery of Natural Bio actives for Neuroprotection
18	Patel Mansi Jitesh	Dr. Priti J. Mehta	Pharmacy	Evaluation of Radio Protective Potential of Selected Plant Species of Bamboo Used in Traditional Medicine of India Along With Development and Standardization of herbal Medicine
19	Chetan Dhal	Dr. Renuka D. Mishra	Pharmacy	Novel Formulation Strategies for the Treatment of Surgical Site Infection
20	Prajapati Krunal J.	Dr. Charmy Kothari	Pharmacy	Impurity profile of selected anti-asthmatic drugs
21	Dhas Namdev Laxmanrao	Dr. Sanjeev Acharya	Pharmacy	Topic yet not finalized
22	Mehta Chirag Chimanlal	Dr. Hardik Bhatt	Pharmacy	Topic yet not finalized
23	Rathod Visha Mansukhbhai	Dr. Nasreen Munshi	Science	Transcriptional dynamics study of resistant host Peanut plant against foliar disease to reveal molecular insights involved in resistance
24	Patel Pooja Ishvarbhai	Dr. Vijay Kothari	Science	Investigation on anti-quorum sensing property of certain plant products
25	Mandaliya Dipeeka Krushnakant	Dr. Sriram Seshadri	Science	Understanding the Role of Short Chain Fatty Acids (SCFAs) and Its Receptors in Various Tissues in High Sugar Diet Induced Type 2 Diabetes (T2D)
26	Ruma Baksi	Dr. Manish Nivsarkar	Science	Epigenetic inhibitors: A novel targeted therapy for breast cancer
27	Pasupureddy Rahul	Dr. Sriram Seshadri	Science	Characterizing protein-protein interactions in malarial proteases
28	Memon Shebazahemad Abdullatif	Dr. R. N. Patel	Technology & Engineering	Studies on Optimized Augmentation and hybridization of Renewable Energy Conversion Plants

29	Diwan Jayesh Navnitlal	Dr. N. P. Gajjar	Technology & Engineering	Asynchronous Design of VLSI Circuits for Performance Improvement
30	Mankad Sapan Hareshbhai	Dr. K. Kotecha	Technology & Engineering	Enhancing Speech Processing using Machine Learning
31	Saksena Dipakkumar Parsottambhai	Dr. V. J. Lakhera	Technology & Engineering	Studies on Conical Shell and Conical Spiral Tube Heat Exchangers.
32	Vivek Kumar Prasad	Dr. Madhuri Bhavsar	Technology & Engineering	Managing Autonomic Computing using Future Analysis
33	Preksha Pareek	Dr. K. Kotecha	Technology & Engineering	Recommender System
34	Bhatt Tarak Kiritbhai	Dr. Parul R. Patel	Technology & Engineering	Assessment of Soil Salinity and Its Implications on Agriculture and Environment in Bhal Region of Gujarat using Geomatics
35	Sajan Kumar Chourasia	Dr. R. N. Patel	Technology & Engineering	Experimental Investigations on Life Cycle Analysis of Ci Engine
36	Kateshia Jyotin Ashok	Dr. V. J. Lakhera	Technology & Engineering	Studies Related to Enhancement in Pool Boiling
37	Gopi Tushar Bhatt	Dr. Madhuri Bhavsar	Technology & Engineering	OS-independent File System in Cloud. Advanced Stage of Virtual File System (VFS)
38	Abhishek Swarnkar	Dr. V. J. Lakhera	Technology & Engineering	Studies @ Enhancement in Two Phase Heat Transfer (boiling)
39	Trivedi Kedar Niranjambhai	Dr. Dhaval Pujara	Technology & Engineering	Design and Development of Dielectric Resonator Antennas for Higher Efficiency, Bandwidth and Gain
40	Sonwane Bhakti Manees	Dr. Priyanka Sharma	Technology & Engineering	CBIR Using Soft Computing
41	Gohil Ashish Mulchand	Dr. B. A. Modi	Technology & Engineering	Experimental investigations on Ultrasonic Single Point Incremental Forming
42	Patel Pratik A.	Dr. Madhuri Bhavsar	Technology & Engineering	Handling Association Rules in Big Data in Cloud Environment
43	Patel Pinkal Bharatbhai	Dr. Sanjay Garg	Technology & Engineering	Data Mining Technique(s) in Big Data Environment
44	Madhushree B.	Dr. Priyanka Sharma	Technology & Engineering	Classification-based system for cross-layer optimized wireless video transmission

List of deregistered Research Scholars

Sr. No.	Student Name	Status	Registration Date	Faculty
1	Mr. Raval Dhomya Mulvantrai	External	28-Sep-13	Management
2	Ms. Dave Sneha Dipak	External	04-May-11	Management
3	Mr. Tejas Pravin Shah	Full Time	16-Jun-10	Management
4	Ms. Nikita Patel	External	17-Aug-11	Pharmacy
5	Ms. Priyanka Desai	External	13-Aug-13	Pharmacy
6	Ms. Patel Hetal Jwalant	Full Time	22-Aug-13	Pharmacy
7	Ms. Miketa Patel	External	15-Oct-12	Pharmacy
8	Mr. Kanaiyalal Panchal	External	21-Mar-11	Pharmacy
9	Ms. Malvi Manan	External	11-Sep-14	Science
10	Mr. Mayank Mishra	External	25-Sep-13	Science
11	Ms. Joshi Purvee Pankajkumar	External	18-Oct-13	Science
12	Mr. Parth Rajput	Full Time	23-Sep-13	Science
13	Mr. Patel Himanshu Rajendra	External	06-Feb-15	Technology & Engineering

Candidates Awarded Degree of Doctorate (Ph. D) during the year 2015-16

Sr. No.	Student Name	Faculty	Topic
1	Bhattacharjee Shrabani B.	Management	A study of formalization of human resource management, practice in micro, small & medium enterprises in Gujarat
2	Trivedi Megha S.	Management	Creating a Competitive Advantage Through Corporate Communication
3	Jotwani Dhiren N.	Management	Economic Growth in India: Financial Sector Development
4	Singh Shivangi	Management	The Impact of Export Facilitation Programmes on Firm's Export Performance.
5	Gandhi Dipal M.	Pharmacy	Phytochemical Investigations on Dillenia Indica Linn. and Dillenia pentagyna Roxb. for Assessment of their Anticancer potential
6	Shah Rushil V	Pharmacy	Development and optimization of liquid formulation of poorly water soluble drugs.
7	Ranjeet Prasad Dash	Pharmacy	Pharmacokinetic Implications of Intestinal P-Glycoprotein in Diabetic Complications
8	R. V. Padmanabha Reddy	Pharmacy	Design, Development and Evaluation of Paclitaxel Nanoparticles for Intra Nasal Drug Delivery
9	Barot Kuldipsinh Piraji	Pharmacy	Synthesis and QSAR studies of Benzimidazole analogues for anti-tubercular activity
10	Jivrajani Mehul N.	Science	Targeted delivery of shRNA to cancer cell
11	C. Mahesh	Science	Rainfall retrieval algorithms from satellite microwave and optical measurements and its applications
12	Pandya Maharshi Piyooshbhai	Science	Role of non-rhizobial rhizobacteria and rhizobia on the nodule development in legumes
13	Trivedi Disha Hareshbhai	Science	Isolation, Characterization And Assessment Of Antimicrobial Potential Of Urino-Vaginal Microorganisms and their Application In the Development Of Microbicides

14	Pandya Dhaivat Kumar H.	Science	Design Synthesis and Pharmacological Evaluation of Novel Ligands for Adenosine Receptors
15	Varunika Jain	Science	Formulation of a crop information retrieval system based on biophysical and weather parameters
16	Manik Mahapatra	Science	Vulnerability of Gujarat coast due to sea level rise - an investigation based on remote sensing & GIS techniques
17	Valiveti Sharada R.	Technology & Engineering	Enhancing Security with Effective Routing Mechanisms in Ad Hoc Networks
18	Thakkar Priyank B.	Technology & Engineering	Enhancing Performance of Recommender Systems
19	Raval Gaurang A.	Technology & Engineering	Enhancing Base Station Assisted Clustering Techniques for Wireless Sensor Networks
20	Shah Kehul Anilkumar	Technology & Engineering	Design and Implementation of CMOS Gm-C IF Filter Using Switching Capacitor Array (SCA) for Dual Band Receiver
21	Saiyad Mamta Mainak	Technology & Engineering	Development and characterization of Radiation Hardened Epoxy based Polymer Composite for Electronic Device Packing
22	Thakkar Ankit Rajeshkumar	Technology & Engineering	Energy Efficient Routing with Effective Clustering Mechanisms in Wireless Sensor Networks
23	Patel Dhavalkumar Karshanbhai	Technology & Engineering	Goodness of Fit Based Non-parametric Spectrum Sensing for Cognitive Radio

Convocations:

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

Faculty	Degrees Awarded in Convocations		
	Nineteenth 25-04-2015	Twentieth 12-12-2015	Total
Faculty of Management			
Doctoral Programme in Management (DPM)	01	03	04
MBA (Full Time)	177	--	177
MBA (Family Business and Entrepreneurship)	80	--	80
MBA (Part Time)	07	--	07
Faculty of Law			
B.A. LL.B. (Hons.) Five Year Integrated Programme	101	03	104
B. Com. LL.B. (Hons.) Five Year Integrated Programme	100	02	102
Master of Laws (LL.M)	01	12	13
Faculty of Technology and Engineering			
Ph. D.	04	03	07
M. Tech.	--	415	415
M.C.A.	--	59	59
B. Tech.	--	715	715
Diploma Engineering	--	473	473
Faculty of Pharmacy			
Ph. D.	02	03	05
M. Pharm.	--	66	66
B. Pharm.	--	62	62
Faculty of Science			
Ph. D.	05	02	07
M. Sc.	--	52	52
Grand Total	478	1870	2348

Institute
of
Technology

Institute of Technology

INDEX

Sr. No	Particulars	Page
1	Outstanding Achievements and important activities of the Institute at a glance	29-32
2	Curricular Aspects	32-33
3	Teaching-Learning and Evaluation	33-35
4	Research, Consultancy and Extension	36-50
5	Infrastructure and Learning Resources	50-55
6	Student Support and Progression	55-73

Institute of Technology

Outstanding Achievements and Important Activities

The Institute was ranked highly amongst the top ranking institutions of the country by various magazine surveys namely Data Quest CMR, Career Links, Outlook, The Week, Careers 360 and others. According to the surveys, it is amongst the highest preferred engineering institute in Gujarat State.

In line with the university motto, the institute follows the slogan 'Go Green'. The staff and students have been making every effort to keep the campus clean and green. The institute has bagged the National Award for Clean and Green Campus from ISTE for the year 2015, which is a notable achievement.

To assimilate the new dimensions of existing knowledge in various fields, the Institute organizes seminars, workshops, training programmes and international conferences which showcases our commitment towards bridging the gap between various disciplines and amalgamate new ideas and advanced technologies. This year, we organized the Nirma University International Conference on Engineering 'NUiCONE 2015', the objective of which was to bring academia, researchers and practitioners matching with similar or varied interest on a common platform to explore and rediscover the new frontiers of knowledge and technologies in various fields.

MoUs with international universities have been signed which facilitates the exchange of students and faculty, summer internships, joint research projects, conferences, etc. Under the collaborative agreement, the students are undergoing summer internship from the University of Southern California and the Florida Atlantic University every year.

The Institute has received a number of Research Projects from various Sponsoring Agencies like GUJCOST, ISRO etc.

- **21** Major and Minor Research Projects funded by external agencies worth **Rs. 196 lacs** are in progress and **7** Projects worth **Rs. 75 lacs** are newly sanctioned.
- **1** Major Research Project funded by Nirma University worth **Rs. 27 lacs** is newly sanctioned.
- **5** Minor Research Projects funded by Nirma University worth **Rs. 5.70 lacs** are in progress and **5** projects worth **Rs. 4.75 lacs** are newly sanctioned.

Consultancy along with audit and testing are carried out rigorously by all the departments of the Institute. As a result of which, we have acquired 2 licenses for Environment Audit from Gujarat Pollution Control Board as against 1 license previously held.

For faculty development, the Institute has been encouraging the faculty members for pursuing higher studies, such as M.Tech and Ph.D.

Rankings for the year 2015-16

- Listed in the **AAAA** category of Engineering Institutes in **Careers 360 Ranking Survey** (April 2015)
- **5th** in Top 100 Private T-Schools across the country and **3rd** in Top 10 Private T-Schools in the West Zone in the **DataQuest CMR T-School Survey** (May 2015)
- **34th** in Top 50 Engineering Institutes across the country in **Career Links Survey** (May 2015)
- **74th** amongst India's Best Engineering Colleges in Top 130 Colleges, **27th** in Top Private Colleges and **4th** in the West Region as per the survey conducted by **The Week** (June 2015)
- **29th** in Top 100 Engineering Colleges and **8th** among self-financed colleges across the country by **Outlook** (July 2015)
- Listed in **A+** category Engineering colleges as per the survey conducted by **Chronicle** (July 2015)

ISTE Awards for the Year 2015-16

- ISTE Best Faculty Chapter Award
- ISTE National Award for Best Clean and Green Campus
- ISTE Best IPCL M.Tech. Thesis Award in Chemical Engineering (Energy System)
- ISTE Best B.Tech. Project in Civil Engineering

Dignitaries visited

Name of the Dignitary	Organization and designation	Purpose of Visit	Date
Mr. Pankaj Sampath	Vice-President (Planning), GIFT, Gandhinagar	Expert Lecture on “GIFT City-Master Planning, Infrastructure Planning, Project Development-infrastructure components- Road, Power, DCS, Water including AWCS, Q & A” for students of B. Tech.	April 15, 2015
Dr Srinivas Sampalli	Professor and 3M National Technical Fellow, Faculty of CSE Dalhousie University of Halifax, Canada	Expert Session on Research Avenues in Network Securities for semester III students of: M.Tech. CSE, M.Tech. CSE (INS), M.Tech. CSE(NT), M.Tech. EC (all specializations)	August 8, 2015
Mr. Michel Danino	Guest Professor, Humanities and Social Sciences, IIT Gandhinagar	Expert talk on “Technology in India: A historical narrative” and “Science in India: a Historical Narrative” to the students and faculty members of Mechanical Engineering Department	August 8-21, 2015
Dr B. K. Rastogi	Director General, Institute of Seismological Research, Gandhinagar	To attend eliminator round of technical event “Earthquake Shocker - A Technical Quiz Competition” and to address the participants	August 8, 2015
Shri Bipinbhai Vora	Consultant/Advisor to R&D, UOP LLC, A Honeywell Company, USA	To deliver a talk on “Concept to Commercialization of a New Technology”	September 9, 2015
Mr. Haresh Bhatt	Manager (Instrumentation), ATUL Ltd., Vadodara.	Deliver Expert Lecture on “Industrial Trends and Development in Temperature and Pressure Measuring Transmitters”,	September 12, 2015
Mr. Pankaj Sampath	Vice-President (Planning), GIFT, Gandhinagar	To interact with the Director and all HoDs regarding “GIFT City and Skill Development”	September 15, 2015
Dr Rahul Mulik	IIT, Roorkee	Expert talk on “Abrasive based finishing Technologies” to M.Tech. (CAD/CAM & CIM) students	September 26, 2015
Dr Suryakant B. Gupta	FCIPT, Gandhinagar, Gujarat	Plasma Applications	October 1, 2015
Dr. Radhaknat Padhi	IISC, Bangalore	Expert lecture on “Real-time Optimal Control through MPSP” during NUiCONE-15	November 26, 2015
Shri Jagdish Shukla	Director, Servilink Systems Ltd.,	Expert lecture on “Process Control - Challenges in Industry”, during NUiCONE-15	November 26, 2015
Shri P.N. Parikh	Consultant to UPL and BEE certified consultant (Former consultant to GACL)	Expert lecture on “Instrumentation for Energy Optimization in Process Industry”, during NUiCONE-15	November 27, 2015

Shri Paresh Adhwaryu	DGM, United Phosphorus Limited, Bharuch	Expert lecture on “Improving Chemical Plants’ process safety by SIS / SIL study- A concept” during NUiCONE-15.	November 27, 2015
Mr. Pankaj Sampath	Vice-President (Planning), GIFT, Gandhinagar	To deliver an expert talk on “Perspective View on GIFT SMARTCity Development” during NUiCONE 2015.	November 27, 2015
Dr Goswami	Ex Director, PRL, IIT, Gauhati	Expert talk to the participants during STTP on “Recent Trends in Communication”	December 14- 26, 2015
Dr Prasanna	Professor and Dean R & D, IIT, Gauhati		
Mr. Pravir Pandya	Vice President, Business Development, GEL RAD, NY, USA	Expert talk on “Supply Chain Management” for M.Tech. Semester II students from Mechanical Engineering Department	March 15, 2016
Dr R. P. Shimpi	Professor, Department of Aerospace Engineering, IIT Bombay	Expert talk on “Shear Deformation Theory” and “Non-Conventional Optimization” for M.Tech. (CAD/CAM, CIM and Design Engineering Students)	March 30-31, 2016
Mr. Dishant Shah	Director, EMBELINK Technologies, Ahmedabad	Expert lecture on “Basic of 8051 Controller”	January 19, 2016
Mr. Snehal Patel	P. Eng., Principal Geotechnical Engineer, Satt Engineering Ltd., Canada	Expert talk on “Geotechnical Challenges for off-shore structures (LNG Project)” for M. Tech students	January 19, 2016
Dr Rishi Gupta	Professor, University of Victoria, Canada	To discuss the progress of work as a part of collaborative research project funded by IC-IMPACTS and to deliver an expert lecture on “Innovative Hybrid Fibre Reinforced Concrete and NDE Techniques” for M. Tech. students.	January 20, 2016
Mr. Saurabh Munshi	Professional Consultant, USA	Expert talk on “Storm Water Management” for M. Tech. students	January 25, 2016
Mr. Virender Kumar	The Director of DECU, Indian Space Research Organization ISRO	Inauguration of Technofora	January 29, 2016
Mr. Srinivasa Muralidhara	Engineer, ITER-India,	Expert lecture on “Instrumentation and Process Control Aspects of ITER Cryodistribution and Cryolines Package”	February 3, 2016
Dr Svetlana Brzev	Professor, British Columbia Institute of Technology, Canada and visiting faculty member, IIT Gandhinagar	To deliver an expert talk on “Retrofitting of Masonry Buildings” for M. Tech students	February 16, 2016
Dr Pinnamaneni Bhanu Prasad	Chief Mentor, Jekson Vision Pvt. Ltd, USA, Dubai, India	Expert lecture on “Industrial Applications of Image Processing”	February 17, 2016

	Director (R&D), Keleenn Technology, France Professor of CSE, Rajalakshmi Engineering College, Chennai, India Visiting Scientist, Indian Statistical Institute, Bangalore India		
Dr Jalel Ben Othman	Professor, University of Paris, France	Interaction with faculty members of EC and CSE	February 22, 2016
Mr. Yasuo Izumi	Vice Chairman & Co-Executive Partner, Japan Development Institute Ltd., Japan	To visit the department.	February 26, 2016
Dr Ramesh S. Gaonkar	Professor Emeritus, Onondaga Community College, Syracuse, New York	To deliver expert lecture on “Designing Embedded Systems and Advances in the field of Microprocessor & Microcontrollers	February 29, 2016

I. Curricular Aspects

- New courses being offered- ME : 2, EC - 2
- New course “Introduction to Renewable Energy Sources” is being offered as a University Elective, for the students of the institutes other than ITNU.
- Addition of one new elective course “Solar Thermal Energy Systems-Principle and Design” along with syllabus in the pool of electives offered to M.Tech. Programme in Mechanical Engineering to be made effective from the Academic Year 2015-16 and onwards.
- B. Tech. with minor specialization was introduced from Semester V.
- A capstone course is introduced in Semester VI (UG Course) to prepare the students for competitive exams.
- A fractional course is introduced in Semester VI (UG Course) for making the student industry ready.
- Organisational Behaviour (SS701) as regular subject in B.Tech. VII Semester (All Branches)

No. of courses where major revision is made

- Revision of syllabus of department elective course “Introduction to Aircraft Systems” of semester V of B.Tech. in Mechanical Engineering Programme, to be made effective from the Academic Year 2016-17 and onwards
- Revision of Teaching Examination Scheme and Introduction of Syllabus of semester VII and VIII of B.Tech. in all programmes, to be made effective from the academic year 2016-17 and onwards
- Revision of Teaching and Examination Scheme of semester V to VII due to change in title of courses “Creativity, Innovation and Research” to “Creativity and Innovation”
- The content and credit of Modern Measurement and Instrumentation is modified and the modified.
- The revision is made the structure of semester VII and VIII, to be made effective from 2016-17
- The syllabus of programme B. Tech. in Electrical Engineering is revised and updated. Revised syllabus of semester V and VI is implemented from the academic year 2015-16.
- These courses are designed based on the current trends in technology applied in industries.
- Also, soft-skill courses and supplementary courses are introduced from semester III onwards. Project based learning is introduced from semester V and VI to help the student to achieve competitive edge and sharpen hands-on skills.
- The course structure of the programme now offers more elective courses, giving opportunity for a focused learning in a specific domain.

- The syllabus of B. Tech in Electrical Engineering, Semester VII and VIII is revised thoroughly which will be implemented from the academic year 2016 – 17.
 - Revision of the CLO of the subject : Organizational Behaviour; Institute Electives offered by the section of Humanities; Law for Engineers

Any other Initiative/Innovation in Curricular Design

- The course structure of B. Tech. semester V and VI is modified from July 2015.
- The course structure of B. Tech. semester VII and VIII is modified and will be made applicable from July 2016 onwards.
- 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 lectures 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.:	13
Faculty Pursuing Ph.D.:	76

Innovation in Teaching- Learning and Evaluation

- Project based learning, Moodle based online examination
- Faculty has been appointed as a mentor to a group of 15-20 students to take care of their academic and personal issues.
- Introduction of helpful blog for individual courses
- Course material on the intranet and access to all the students
- Course reviews on regular time intervals
- Remedial lectures for slow learners, bridge courses for diploma to degree students
- Special courses like Career Orientation-I and Career Orientation-II for the B. Tech. students
- Time to time course updating by feedback from various stack holders
- Distribution of course handouts to the students
- Summer training for the students during the summer vacation
- Orientation programme for both UG and PG students
- Review of question papers by the expert committee
- Regular Pedagogy Meetings
- Parents are informed about the shortfall in attendance by SMS.
- Industry interaction by deputing students for M.Tech. students for full year dissertation work on industrial problem.
- Enhanced usage of various ICT tools for Blogging, Course websites
- Various learning management systems like Moodle, Google Class and Piazza have also been used for enhanced teaching experience
- To provide continuous learning environment to the students, the Blogging activity is carried out regularly by the faculty members for all the subjects.
- Self-Study component has been included in each course.
- Regular expert lectures are arranged for the students to make them industry ready professionals.
- Mini projects are given in almost all the subjects to strengthen the outcome based learning.
- NPTEL video lectures, imparting outcome based education, Project Base Learning, MOOCs (Massive Online Open Courses), audit and special audit courses.
- For a lab based course, the videos lectures related to the practical in the lab manual are shown during the laboratory hours to make students for better understanding. Also, the information/ links related to the latest developments/ products in the subjects that were taught by the concerned faculty are shared with the students.

- A hardware based project is introduced as special assignment in several subjects. This has helped the students to raise the level of their minor as well as major projects.
- Open book tests, introduction to new subjects based on simulations using various simulation tools, Innovative assignments in various subjects where students are asked to give a demo or a presentation on any particular innovative topic related to the course.
- Use of role play in Language learning
- Use of drama and role play in ethics and values course
- Use of Case-study method in Critical Thinking and Creativity and Innovation course
- Use of Active learning in all the courses of English

Activities to sustain healthy practices

- Students of B. Tech. (Semester II) are being offered a course on Yoga and Health by the Institute.
- All the departments conduct various pedagogy sessions and research talks every week to share knowledge and experience amongst all the faculty members for improvement in the teaching learning environment
- Research Talks: Goal of research talk to provide other academicians/researchers with better insight on current research perspective in a specific field or to help young academicians/researchers to get to know about new areas on which they can work on in future. In the mentioned duration, 08 research talks were conducted.
- Compulsory 85% attendance for the students
- Continuous assessment of class and laboratory work
- Informal feed-back is taken from students twice a semester
- Regular follow-up with 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
- Courses on Yoga, critical thinking, ethics and values are offered to B.Tech. Students.

Interdisciplinary Student Projects

Sr. No.	Title of Project	Institutes / Departments Involved	Names of the Guides	Students
1	Microscopic Image Processing for Chemical Process	Chemical Engineering and Computer Engineering, ITNU	Prof. Neha Patni Prof. Pooja Shah	12BIT034
2	Development of Smart Polymer for Drug delivery System	Chemical Engineering and Department of Pharmaceutics, IPNU	Nimish Shah and Dr. Tejal Mehta	14MCHE08
3	In-house development of Miniature Universal Testing Machine	Civil Engineering and Mechanical Engineering	Prof. Digesh Joshi	11BME052, 11BME054, 11BME064 12BME150

Exam Reforms Implemented

- Open book exams are encouraged for PG students.
- Blooms taxonomy is adopted in exam papers.
- Variety of assignments are given in all the subjects for Continues Evaluation, namely Term Papers, Projects and Quizzes.

- A mini project is given in majority of the laboratories for LPW component.
- Rubric prepared for CE/LPW/TA components of all subjects, project & seminar.
- In the Creativity and Innovation course continuous evaluation consist of Creative Problem Solving in poster presentation form
- Moodle test in Ethics and Value course and Critical Thinking. The 50% weightage comes from Case-study and its presentation by the students

Number of faculty development programmes availed by faculty - 86

Number of faculty development programmes organized by the Institute: 105

Invited/Endowment Lectures: 192

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:

Laboratory Assistants

Sr. No.	Name of the Participants	Sr. No.	Name of the Participants
1	Mr. Dhaval Oza	14	Mr. Ketan Patel
2	Mr. Manish J. Patel	15	Mr. Jignesh Shihora
3	Mr. Chetan N. Patel	16	Mr. Ritesh Vedavala
4	Mr. Prahlad N. Raval	17	Mr. Jignesh J Dangi
5	Mr. R.D. Shah	18	Mr. Jayesh D. Panchal
6	Ms. Dhara Joshi	19	Mr. D.V. Nayak
7	Mr. Vipul Darji	20	Mr. Chirag Gajjar
8	Ms. Trupti Patel	21	Mr. Shailesh A. Patel
9	Ms. Snehal R. Bhavsar	22	Mr. Manish B. Patel
10	Mr. Pandya Jignesh	23	Mr. Rohit R. Patel
11	Mr. Purohit Ghanshyam	24	Mr. Shreyas Bhuva
12	Mr. Pratik Jani	25	Shri Rajendra Patel
13	Mr. Bhavesh J. Raval		

Computer Operators

Sr. No.	Name of the Participants
1	Mr. Krunal Verma
2	Mr. Parkash Khadaliya
3	Mr. Paras Jain
4	Mr. Sandip Modi
5	Mr. Thakkar Jatin
6	Mr. Ambani Manish
7	Ms. DipaliModi
8	Mr. Sanjeeb Kumar Tripathi
9	Ms. Jigna Patel

Office Superintendent and Equivalent Cadre Staff Members

Sr. No.	Name of the Participants
1	Mr. Praful Joshi
2	Mr. Praful Saini
3	Mr. Shailesh Patel
4	Ms. Sunaja Nair
5	Mr. Maulik Panchal

III. Research, Consultancy and Extension

Research Projects

Major Research Project funded by External Agencies during:

Amount in lacs

Financial Year	Completed		Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount	Number	Amount	Number	Amount
2015-16	03	27.00	10	133.51	02	62.20
2014-15	01	5.20	08	102.96	05	61.55

Major Research Project funded by Nirma University during:

Amount in lacs

Financial Year	New projects (ongoing / sanctioned)	
	Number	Amount
2015-16	1	27.00
2014-15	-	-

Minor Research Project funded by External Agencies during:

Amount in lacs

Financial Year	Completed		Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount	Number	Amount	Number	Amount
2015-16	01	4.35	11	40.75	05	14.92
2014-15	01	4.80	05	18.65	07	26.45

Minor Research Project funded by Nirma University during:

Amount in lacs

Financial Year	Completed		Ongoing		New projects (ongoing / sanctioned)	
	Number	Amount	Number	Amount	Number	Amount
2015-16	06	4.42	-	-	10	10.45
2014-15	12	9.13	05	3.65	01	0.70

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

Amount in lacs

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred	Number of Teachers	Amount incurred
2015-16	10	0.49	87	6.57
2014-15	02	0.02	32	4.18

Deatials of Research Projects**New Research Projects (Externally funded/University funded)****Major Research Projects Externally Funded**

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	Oceanic Pollution and other Ocean Phenomenon Monitoring using Feature Extraction from Multi-Polarized SAR Data	Dr T. H. Zaveri Prof. Pooja Shah	ISRO Respond	18.26
2	Application of Precast Products made using Bottom Ash and Fly Ash for Rural Pavements and other Infrastructure in India	Dr U. V. Dave Dr Rishi Gupta	IC- Impacts	43.94

Major Research Projects University funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (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 Projects Externally funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	Synthesis of Cross Linked Starch and Study its Application of in Taste Masking /Coating for Drug Delivery Application	Prof. Nimish Shah	Stabicoat Vitamins	0.71
2	Experimental Investigation on Ultrasonic Single Point Incremental Forming	Dr B.A. Modi Prof. A.M. Gohil	GUJCOST	5.30
3	Establishment of Free Space Optical Communication Link for Real Time Audio Transmission	Prof. D. G. Shah Dr D. K. Kothari	GUJCOST	3.41
4	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	3.20
5	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	2.30

Minor Research Projects University funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	Fabrication, Characterization and Application of Electrodes for Electrochemical Wastewater Treatment	Prof. Priya Saxena	Nirma University	1.00
2	Synthesis of Spinel $MFe_{2-x}B'_xO_4$ (M = Ni, Cu, Zn) and $MFe_{2-x}B'_xO_4/TiO_2$ Nanocomposite as Novel Photocatalysts for Degradation of Dyes	Prof. Femina Patel	Nirma University	1.00
3	Synthesis, Characterization and Application of Functionalized Macromolecules as Chemical Sensor	Prof. Neha Patni	Nirma University	1.00
4	Smart Home using Brain Mapping for Physically Challenged People	Prof. J. J. Patel Prof. D. J. Panchal	Nirma University	0.75
5	Evaluation of Mechanical and Durability Properties on Fly ash and Rice Husk based Geo Polymer Concrete	Prof. S. P. Thakkar	Nirma University	1.00
6	Test- Rig for Experimental Investigations of Bearing Faults in Rolling Bearings	Prof. V. M. Bhojawala Prof. D. V. Patel Prof. D. J. Shah	Nirma University	1.00
7	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	Nirma University	1.00
8	Performance Evaluation of Solid Lubricants mixed with SAE - 40 oil machining of EN-31 Steel Material	Dr K. M. Patel Prof. Mayur Makhesana	Nirma University	0.90
9	Trend Analysis and Inclusion of HOTS in Engineering Education	Dr Richa Mishra	Nirma University	1.00
10	Studies on Exploring Novel Excipients for drug Delivery in Oral Cavity	Prof. Nimish Shah, Dr Dhaivat Parikh	Nirma University	1.80

Ongoing Research Projects

Major Research Projects Externally Funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	Reduction of E-Factor in Dyes and Pigment Industries (Environmental Pollution Control)	Dr Parin Shah	Green Environment Services Co-op. Soc. Ltd. - CETP	7.50
2	Understanding the Immersed Friction Stir Welding of Aluminium Alloys	Prof. N. D. Ghetiya Dr K. M. Patel Dr B A Modi	DST, SERB	13.00
3	Process Development for Minimization of Spring Back Deformation and Enhancement of Profile Accuracy of CFRP Reflectors	Prof. S. J. Joshi Dr B. A. Modi Dr K. M. Patel	ISRO	14.52
4	Calibration and Validation of RISAT-1 SAR Sensor and RISAT-1 Derived Soil Moisture	Dr P. R. Patel	SAC, ISRO	22.00
5	Study the Behaviour of Precast Beam-Column Junction under Progressive Collapse Scenario-An Experimental and Analytical Investigations	Dr P. V. Patel Prof. Digesh Joshi	DST, SERB	20.50
6	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)	8.09
7	Optimization of Corrugated Horn Antenna using Adaptive Neuro-Fuzzy Inference System	Dr D. A. Pujara, Dr D. M. Adhyaru	ISRO, Ahmedabad	11.04
8	Radiation Harden by Design (RHBD) Standard Cell Library Development	Dr N. M. Devashrayee Dr U. S. Mehta	ISRO, Ahmedabad	21.36
9	Experimental Investigation of Life Cycle Analysis and Combustion Characteristic of CI Engine Operating on Esterified Oil and its Blends with Bio Additives	Dr R. N. Patel Prof. A. M. Lakdawala Prof. N. K. Shah	GUJCOST	8.10
10	Dynamic Characterization of Shock Table	Dr S. P. Purohit Dr P. V. Patel	GUJCOST	7.40

Minor Research Projects Externally funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (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	4.50
2	Low Temperature Synthesis and Characterization of Magnetic Nanoparticles	Dr Chetna Chauhan	GUJCOST	4.95
3	Design of a Hybrid System for Seamless Communication Across DVB-RCS and LTE Networks	Dr Y. N. Trivedi Dr N. P. Gajjar	GUJCOST	3.00
4	Spectrum Sensing Techniques in Cognitive Radio	Prof. Rina Parikh Dr Y. N. Trivedi	GUJCOST	3.00
5	Design of ADC for Biomedical Applications	Dr N. M. Devashrayee Dr A. P. Naik	GUJCOST	4.50
6	Object Detection and Surveillance System	Dr Sanjay Garg Prof Vijay Ukani	GUJCOST	4.00
7	Design and Development of Automated and Reliable Service Provisioning Cloud Architecture for Engineering Educational Domain	Dr Madhuri Bhavsar	GUJCOST	3.00
8	DNA Sequencing and Assembly using GPU	Dr Vibha Patel Prof Monika Shah	GUJCOST	4.00
9	Process Development for Hydrogen Production through Solar Thermal Energy	Dr R K Mewada and Dr S S Patel	GUJCOST	4.00
10	Determination and Predictions of Thermophysical Properties of Biodiesel and its Blends	Dr M H Joshipura Dr A P Vyas	GUJCOST	3.30
11	Use of Marine Sand in Concrete Construction	Dr U. V. Dave	Adani Infrastructure Limited	2.50

Research Projects Completed

Major Research Projects Externally Funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	To Study Satellite derived River Discharge and its Seasonal to Inter-Annual Variation using Radar Altimeter	Dr P. V. Patel Dr P. R. Patel	SAC, ISRO	9.00
2	Design and Development of Spatio-Temporal Data Mining Technique and Software Framework for Earth Observation Data	Dr Sanjay Garg Prof. K. P. Aggarwal	ISRO RESPOND	10.80
3	Parallelization of Molecular Dynamics and Turbulence Codes related to Nuclear Fusion Using CUDA	Dr Priyanka Sharma Prof Monika Shah	IPR	7.20

Minor Research Projects Externally funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	New Testing Methods at Design Level for Improvement in Performance of VLSI in Nanometre Region	Dr U. S. Mehta Prof. P. M. Bhatasana	GUJCOST	4.35

Minor Research Projects University funded

Sr. No.	Project Title	Project Investigator	Funding Agency	Grant (Rs. In lacs)
1	Minor Research Project on “Development and Implementation of Control Algorithms for Autonomous Quad-copter Unmanned Aerial Vehicle (UAV)”	Dr Jayesh Barve Prof. J. B. Patel Prof. D. V. Patel	Nirma University	1.00
2	Minor Research Project on Experimental Investigations on Ultrasonic Single Point Incremental Forming	Dr B.A. Modi Prof. A.M. Gohil	Nirma University	1.00
3	Wireless Interface for Humidity and Temperature Monitoring	Prof. Jalpa Shah	Nirma University	1.00
4	Design and Development of intelligent Infrastructure prototype Model for Monitoring Railway Track	Dr Kamal Mehta	Nirma University	0.77

5	Online Respiratory and Temperature Monitor	Prof. Anuradha Tandon	Idea Lab, NU	0.30
6	Smart DAS with HeX	Dr Jayesh Barve	Idea Lab, NU	0.35

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

- Information cum Dissertation Abstracts, Volume 7, Master of Technology
- Nirma University Journal of Engineering and Technology (NUJET) - Volume 4 Issue 1 (January-June 2015) and Volume 4 Issue 2 (July-December 2015)
- Nirma University International NUiCONE 2016 Proceedings

Summary

Research Publications in financial year:

Financial Year	Department	National Journal			International Journal		
		No. of papers published	No. of papers considered for calculation of Average Impact Factor	Average Impact Factor	No. of papers published	No. of papers considered for calculation of Average Impact Factor	Average Impact Factor
2015-16	Chemical	-	-	-	02	02	0.8
	Mechanical	01	-	-	12	11	1.1016
	Civil	03	-	-	02	-	-
	CSE	-	-	-	42	28	2.51
	EC	-	-	-	9	9	0.73
	IC	-	-	-	6	4	1.51
	EE	-	-	-	02	-	-
	M&H	-	-	-	8	-	-
2014-15	Chemical	-	-	-	07	07	1.47
	Mechanical	-	-	-	22	10	2.59
	Civil	02	-	-	06	-	-
	CSE	02	-	-	56	-	-
	EC	-	-	-	22	22	1.57
	IC	01	-	-	5	4	2.79
	EE	-	-	-	04	-	-
	M&H	06	-	-	06	-	-

Details (Financial Year 2015-16):

Research Publications by Faculty

International Journals: 89
National Journals-Refereed Papers: 04

International Conference, National Conference/Seminar including Abstracts:

International Conference: 157
National Conference: 19

Other Publications

Books: 03
Chapter in Books: 03

Citation Index of Faculty Member and Impact Factor

Sr. No.	Name of the Faculty Member	H-Index	Citations
1.	Prof. Sanjay Patel	10	579
2.	Prof. Jayesh Ruparelia	6	823
3.	Prof. R. K. Mewada	4	59
4.	Prof. M. H. Joshipura	4	48
5.	Prof. Parin Shah	1	22
6.	Prof. Femina Patel	3	15
7.	Prof. Nimish Shah	1	3
8.	Prof. S.G. Pillai	8	273
9.	Prof. Ankur H. Dwivedi	4	39
10.	Prof. M. Jhansi L. Kishore	6	62
11.	Prof. Neha Patni	3	29
12.	Prof. Parag Saxena	2	25
13.	Prof. Priya Saxena	1	5
14.	Prof. Sandip Sharma	3	32
15.	Prof. Ronak Patel	1	3
16.	Dr Rajesh N. Patel	7	212
17.	Dr Vikas J. Lakhera	3	35
18.	Dr Kaushik M. Patel	7	192
19.	Dr Bharat A. Modi	1	7
20.	Prof (Ms.) Reena. R. Trivedi	3	16
21.	Prof. Absar .M. Lakdawala	2	20
22.	Prof. Niraj K. Shah	1	-
23.	Prof. Sanjay.V.Jain	5	73
24.	Prof. Nilesh .D.Ghetiya	2	8
25.	Dr Pankaj Jagad	1	5
26.	Dr Mitesh B. Panchal	5	93
27.	Prof. Jatin M. Dave	1	6
28.	Prof. Vipul .M. Bhojawala	1	8
29.	Prof. Ashish M. Gohil	2	44
30.	Prof Mihir M. Chauhan	2	8
31.	Prof. Balkrushna A. Shah	1	3
32.	Prof. Dhaval B. Shah	3	52
33.	Prof. (Ms.) Shruti N. Mehta	1	-
34.	Prof. Tejas N Raval,	1	1
35.	Prof. Darshit S Upadhyay	1	6
36.	Prof. Saumil Desai	2	7
37.	Dr Paresh V. Patel	3	33
38.	Dr Urmil V. Dave	3	34
39.	Dr Parul R. Patel	2	10
40.	Dr Sharad P. Purohit	2	15
41.	Dr Hasan M. Rangwala	1	1
42.	Prof. Digesh D. Joshi	2	9

43.	Prof. Sonal P. Thakkar	1	2
44.	Dr D. K. Kothari	1	1
45.	Dr N. M. Devasharyee	6	54
46.	Dr Dhaval Pujara	6	50
47.	Dr Y. N. Trivedi	4	25
48.	Dr N. P. Gajjar	1	15
49.	Prof. M. A. Upadhyay	3	10
50.	Dr Usha Mehta	6	44
51.	Dr T. H. Zaveri	6	83
52.	Dr Amisha Naik	2	12
53.	Prof. Sachin Gajjar	7	16
54.	Prof. Piyush Bhatasana	0	0
55.	Prof. Vaishali Dhare	1	2
56.	Prof. Aakash Mecwan	2	8
57.	Prof. Vijay Savani	2	6
58.	Prof. Dhaval Shah	1	1
59.	Prof. Rachna Sharma	0	0
60.	Prof. Ami Shukla	0	0
61.	Prof. B. D. Fataniya	1	0
62.	Prof. Mehul R. Naik	2	5
63.	Prof. Dipesh Panchal	0	0
64.	Prof. Ruchi Gajjar	2	6
65.	Prof. Aarti Gehani	2	6
66.	Prof. Amit Degada	0	0
67.	Dr Ankur Pandya	1	9
68.	Dr Chetna Chauhan	7	86
69.	Prof. Hardik Joshi	0	0
70.	Prof. Twinkle Bhavsar	0	0
71.	Prof. Khyati Vachhani	1	1
72.	Prof. Jayesh Patel	0	0
73.	Prof. Bhavin Kakani	1	1
74.	Prof. Ashita Chandnani	0	0
75.	Prof. Rina Parikh	1	1
76.	Prof. D.M.Adhyaru	6	98
77.	Prof. J.B.Patel	3	16
78.	Prof. H.K.Patel	4	50
79.	Prof. S.A. Mehta	1	4
80.	Prof. J.B. Shah	0	0
81.	Prof. V. Vaidya	1	1
82.	Prof. V. R.Tilva	1	1
83.	Prof. R. A.Zadfiya	0	0
84.	Prof. N. S. Patel	0	0
85.	Prof. A. K. Sharma	3	30
86.	Prof. A. I. Patel	0	0
87.	Prof. H. K. Kapadia	2	15
88.	Prof. D. R. Raninga	0	0
89.	Dr P. N. Tekwani	14	723

90.	Dr S. C. Vora	3	23
91.	Dr S. K. Chauhan	4	53
92.	Prof. Amit. N. Patel	2	16
93.	Prof. Tejas. H. Panchal	1	03
94.	Prof. Manisha. T. Shah	3	18
95.	Prof. P. N. Kapil	2	07
96.	Prof. Swapnil. N. Jani	1	04
97.	Prof. Chanakya. B. Bhatt	2	09
98.	Prof. Sarika. S. Kanojia	2	14
99.	Prof. Chintan. R. Mehta	3	20
100.	Prof. Mihir C. Shah	4	42
101.	Prof. Shanker Godwal	0	00
102.	Prof. Dhara Mehta	0	00
103.	Prof. Gaurang B. Buch	0	00
104.	Prof. Divyesh J. Vaghela	0	00
105.	Prof. Hemang. S. Pandya	0	00
106.	Prof. Vihang Dholakiya	1	03
107.	Prof. Mayur V. Gojiya	0	00
108.	Prof. Hormaz Amroliya	0	00
109.	Prof. Sukanta Kumar Sahoo	1	04
110.	Prof. Dhiren Rathod	0	00
111.	Prof. Sachin Doshi	0	00
112.	Prof. Dhaval Joshi	0	00
113.	Dr Richa Mishra	1	2
114.	Dr K. Ambika	1	3
115.	Prof. Amitayu Chakraborty	1	1
116.	Dr Samir Mahajan	1	2
117.	Dr Anu Goyal	2	7

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

Books

Sr. No.	Name of the Faculty Member	Name of the Book	Name of the Publisher	ISBN Number	Year of Publication
1	Prof. B. B. Tripathi	Study of Nuclear Density Gauge for Compaction Measure	LAP LAMBERT Academic Publishing	978-3-659-76344-1	2015
2	Dr Ankur Dwivedi	Aloe Vera: A magical Plant	Lambert Academic Publishing GmbH & Co. KG, Saarbrücken, Germany	978-3-659-75464-7	2015
3	Dr Richa Mishra	Howl- Tracing Confessional Poetry (Vol .I): Past and Present	Scholars' Press	3639763599	2015

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	Prof. Neha Patni Prof. Shibu. G. Pillai	Handbook of Sustainable Polymers: Processing and Applications	Biodegradable Polymers: Definition, Classification and Application as an Alternative to Plastic	Pan Stanford, CRC Press, Taylor and Francis	9789814613538	October, 2015
2	Prof. Neha Patni	Methods of plastic waste management for the conversion of waste plastics into fuel	Recycled Polymers: Properties and Applications, Volume 2 & Shibu Pillai	Smithers Rapra	9781910242285	May, 2015
3	Prof. Neha Patni	Nanotechnology in Chemical Sensors	Nanotechnology, Novel Perspectives and Prospects & Shibu Pillai, Tapan Mehta	Mc Graw Hill Education Private Ltd.	9789339221096	May, 2015

Ongoing Research Collaboration/New Collaboration**Awards and Recognitions (Institute/Department/Faculty)**

- Dr P. N. Tekwani of ITNU has been selected as an 'Associate Editor' of world's one of the top ranked journal in Power Electronics i.e., 'IEEE Transactions on Industrial Electronics', USA, having Impact Factor 6.5.
- Dr D. A. Pujara awarded the IETE (The Institution of Electronics and Telecommunication Engineers) Smt. Ranjana Pal Memorial Award for contribution in the field of RF and Antenna Engineering. The same was conferred on him during 58th annual technical convention of IETE to be held during September 26-27, at Kolkata.
- Prof. Digesh Joshi and Dr Paresh V. Patel were awarded the Best Paper Award for presenting the Best Paper in Indian Buildings Congress, New Delhi on September 2, 2015.

Research Awards/Prize/Schemes

Sr. No.	Name of Faculty Member	Recognition/Honour/Award	Reason	Name of Organization (from which it was received)	Date
1	Prof. Neha Patni	Best Assistant Professor Award of Chemical Engineering Department	For Teaching Methodology	Nirma University	December 05, 2015
2	Prof. Parag Saxena Dr Milind Joshipura	Best Paper	Best paper in International Conference	Research and Scientific Innovation Society	December 24, 2015
3	Prof. Sanjay Patel	Best Professor Award of Chemical Engineering Department	For Teaching Methodology	Nirma University	December 10, 2015
4	Prof. Neha Patni Prof. Shibu G. Pillai	Best Paper Award	Best Paper presented in International Conference on Energy and Infrastructure Management	Pandit Deendayal Petroleum University	February 19, 2016
5	Dr Parin Shah	ISTE-IPCL National Award	Guide of Best M.Tech. Thesis in Chemical Engineering (Energy System)-2015	ISTE-IPCL	January 10, 2016
6	Dr U. S. Mehta and Prof. V. H. Dhare	First Prize	Paper titled "Fault Analysis of QCA Combinational Circuit at Layout and Logic Level	IEEE International Women in Engineering, Dhaka	December 12, 2015
7	Prof. C. B. Bhatt	Third Position and prize money of Rs. 25,000/-	Project on 'Development of Prototype Voltage Source Converter based High Voltage	GRIDTECH 2015 New Delhi	April 8 – 10, 2015

			DC transmission system		
8	Dr S. C. Vora	Honorarium of Rs. 11000/-	This paper was selected in top 6 papers out of 120 entries	SWICON 2015 organized by IEEMA, Mumbai	November 26 - 27, 2015

Patents

Name of the Faculty Member	Title of the Patent	Country	Year /Record of Patent Filing	Current Status
Dr Usha Mehta Dr N. M. Devashrayee	An Improved Test Data De-Compressor on Chip	India	2892/MUM/2014 Date of Filing: 16/09/2014	Publication Date : 25/03/2016 Journal No. - 13/2016
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	In Process
Dr D. M. Adhyaru Mr. Pallav Gandhi	Smart Modbus	India	Application Number: 3303/MUM/2015	In Process

Internal Resources Generated

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

Revenue Generated in:

Financial Year	Consultancy	Testing	Training
2015-16	Rs. 53.38 lacs	Rs. 16.18 lacs	Rs. 1.48 lacs
2014-15	Rs. 45.39 lacs	Rs. 14.05 lacs	Rs. 2.63 lacs

Extension Activities/Community Services by Institute/Department

Volunteer Teaching

- Nirma VolunTeaching Movement has been started from September 2013. Under this activity, students from various departments started teaching in the village: Miroli (Nr. Bakrol Circle, SP ring road) in co-ordination with All India Rural Empowerment Programme group. Every Saturday students and faculty members are regularly visit the village. Induction programme for new NVTs arranged on July 17, 2015. About 15 more students have join the activity.
- Special session on Nirma VolunTeaching Movement was arranged for the students during B.Tech (Semester I) Orientation Week on August 7, 2015 by Mr. Ashutosh Jani.

Social and Spiritual Awareness

- All the students of B.Tech (semester I) were made aware about danger of drugs and way of prevention of drug addiction by special lecture of lecture of Shri Hariom Gandhi, Zonal Director, Narcotics Control Bureau on August 14, 2015.

- An inspiring lecture was arranged on “Leading Meaningful Life” by Shri Prataprudra Das Swami on January 30, 2016. The lecture was attended by the faculty and staff members.
- Mr. Urmil Thaker of Vedic Youth Club (Value Education for Divine Inspiration & Culture), ISCON has conducted a session on, “Power of Habits” for B.Tech semester II (CE and EE) students on February 3, 2016.

Reaching to the Needy

- ISA Students’ Chapter, Nirma University and You-Need group has jointly organized a visit on March 6, 2016 to Prakash School to interact with mentally handicapped kids. The event includes storytelling, dance, and games. The student volunteers had arranged lunch for the kids.
- During the Diwali festival, A group of students from Mechanical Department (You Need Group) sold the Diyas made by Blind People’s Association. This way they have collected around INR 20,000/- and helped the blind people association.

Academic Support

- Electrical Engineering Students Association organized an event named INICIO-the beginning under extension activities. The activity was on 19th September 2015 at Prakash Higher Secondary School, Sattadhar, Ahmedabad during their school hours. The class 10th students (strength of 64) of the school were beneficiary of the activity. The activity included audio-visual lecture to the students on the topics of electricity and magnetism.
- Mechanical Engineering Student Association and SAE have jointly organized the Autocalypse 2016 on January 30-31, 2016. In this programme, the high school children from about 12 schools are invited and first-hand knowledge on automobile is shared with them in the workshop. Technical knowhow of Automobiles; their scopes, merits and demerits were discussed at length.
- A group of students from Mechanical Department (You Need Group) regularly visiting Blind People Association and they have carried out an extensive Teaching Programme at their premises every Saturday. They teach them computer application which is a part of their curriculum.

Community Service Course:

- Digital Literacy Campaign started from July 11, 2015 in association with Yuva Unstoppable. An objective is to provide basic computer literacy to the secondary school children. Five Municipal schools – Nirnaynagar, Gandhinagar, Vadaj, Thaltej and Gota are beneficiaries of the programme. Around 40+ students have taken part with 6 leaders from B.Tech Semester IV.
- Under the “Community Service” course around 375 students of B.Tech Semester IV (EE, IC, CE and IT) took part in various social service activities. The students are placed in about 25 NGOs.

Other Activities:

- Rotaract Club of Nirma Institute has organized tree plantation drive in camps of Nirma University on August 17, 2015
- 81 Students completed the course “Rio +22 Power India Programme” offered by IARC (Indian Astrobiology Research Centre) Centre for United Nations. Mr. Pankil Lad has been awarded for his performance (A+ Grade) in the said examination. Centre for United Nations, Mumbai has conferred “Best College in India” award for excellent performance of our students in their course
- Institute has started collaboration with Akshaypatra Foundation, Bhadaj, Ahmedabad. Under this, faculty members and students of CSE department visited the kitchen to provide technical solution to their problem of vehicle tracking and feedback system.
- Semester III (All branch) students visit to kitchen of Akshaypatra Foundation was planned during September 10 to 29, 2015.
- 107 students have registered for the course, “Rio+23 WHS (World Humanitarian Summit) India Programme 2016. Prof. Neha Patni is co-ordinator of the programme.
- The students of EC Organization of Nirma University organized traffic awareness programme on October 2, 2015 by helping the traffic police of Ahmedabad city. Under this programme, the students had felicitated the traffic police personnel and learnt the traffic control system.

- Institute has taken up the project to develop Android Application for the Akshaypatra Foundation, Bhadaj, Ahmedabad to optimize their distribution work.
- New MoU signed/Collaborative activities done related to MoU/ tie-ups with other organisation

MoUs signed with Institutions / Industries

Contract between Inspiron Engineering Pvt. Ltd. And Nirma University for the consultancy assignment on “Development of flyer using Size Optimization”

MoUs renewed with Institutions / Industries

NVIDIA has renewed Nirma University as a GPU Teaching Centre for one year (till October 1, 2016)

Collaborative Activities under MoUs

2 students of the institute took Summer Internship Programme at University of Southern California under the MoU with USC.

4 students of the institute took Summer Internship Programme at Florida Atlantic University under the MoU with FAU.

As a part of NVIDIA Teaching Centre, the Institute has received GPU Titan X (costing around Rs. 56000/-) from NVIDIA which can be used to further accelerate GPU based computations

Prof. Gaurang Raval received the Infosys Best SPoC award along with two more Institutes in the western region for the year 2015.

Linkages with National/International Academic/Research Bodies

- Indian Plasma Research, Gandhinagar
- Indian Space Research Organization, Ahmedabad
- Central Salt and Marine Chemicals Research Institute, Bhavnagar
- Sardar Patel Renewable Energy Research Institute, Vallabh Vidya Nagar
- American Society for Heating, Refrigeration and Air-conditioning Engineers, (Western India Chapter), Ahmedabad
- Indian Society for Heating, Refrigeration and Air-conditioning Engineers, (Ahmedabad Chapter), Ahmedabad

IV. Infrastructure and Learning Resources

Computer Facilities Added

Computer systems and peripherals worth Rs. 24,17,493/- 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 128 Mbps to 256 Mbps for the entire campus.

Department	Sr. No	Item Description	Unit cost in Rs	Qty.	Total cost Rs	Purchase Date	Total Amount (Rs.)
CSE	1	Intel Core I 3 Desktop CPU Intel Core I3 4130 ASUS Chipset MB 4GB 500GB HDD	25,100	38	9,53,800	May 10, 2015	22,72,654 /-
	2	Intel Core I3 Desktop CPU Intel Core I3 4130 ASUS Chipset MB 4GB 500GB HDD	25,100	20	5,02,000	May 10, 2015	
	3	Intel Core I3 Desktop CPU Intel Core I3 4130 ASUS Chipset MB 4GB 500GB HDD	25,100	17	4,26,700	May 10, 2015	

4	Stabilizer - 7.5 KVA	15,000	2	30,000	May 10, 2015
5	Stabilizer - 7.5 KVA	15,000	1	15,000	May 10, 2015
6	Stabilizer - 7.5 KVA	15,000	1	15,000	May 10, 2015
7	External DVD Writer	1,550	1	1,550	May 10, 2015
8	External DVD Writer	1,550	1	1550	May 10, 2015
9	External DVD Writer	1,550	1	1,550	May 10, 2015
10	CAT6 UTP Patch Cord- 1 MTR/3 Feet	130	100	13,000	July 22, 2015
11	CAT6 Information Outlet-DUPLEX	340	45	15,300	July 22, 2015
12	CAT6 INFORMATION OUTLET-SINGLE	205	8	1,640	July 22, 2015
13	CAT6 PATCHMAX PANEL 24 PORT	4,400	5	22,000	July 22, 2015
14	ETHER SWITCH-24 PORT (GIGABIT)-UNMANAGED	7,500	4	30,000	July 22, 2015
15	Ether Switch-24 Port(Web Smart) Make : Dlink Model: DGS-1210-28	9,250	1	9,250	July 22, 2015
16	Canon Printer IEMAGE Class LBP-6680x	34,300	1	34,300	July 15, 2015
17	Adaptor 5V .2.5 A	475	1	475	April 6, 2015
18	Arduino WIFI Shield (Model: A-WIFI)	6,689	1	6,689	September 2, 2015
19	Wireless Dual Band POE Access Point (Indoor) – D link Model : DAP-2660	10,700	6	64,200	October 10, 2015
20	24 Port GIGABIT POE Switch D LINK Model : DGS-1210-28P	17,750	2	35,500	October 10, 2015
21	FIBRE Module - GIGABIT (Multimode) DLINK Model : DEM-311GT	3,650	4	14,600	October 10, 2015
22	Wireless Dual Band POE Access Point (Indoor) - DLINK Model : DAP-2660	10,700	2	21,400	October 10, 2015
23	24 Port GIGABIT POE Switch DLINK Model : DGS-1210-28P	17,750	1	17,750	October 10, 2015
24	Fibre Module - GIGABIT (Multimode) DLINK Model : DEM-311GT	3,650	2	7,300	October 10, 2015
25	Wireless Dual Band Poe Access Point (Indoor) - Dlink Model : DAP-2660	10,700	3	32,100	October 10, 2015

EE	1	Sealed Maintenance Free UPS Batteries 12V 7 AH (Make: Exide)	700	1	700	June 24, 2015	3400/-
	2	External USB FLOPPY DRIVE	1,150	1	1,150	July 4, 2015	
	3	Floppy Diskettes – 1.44 MB (1 BOX = 10 NOS)	40	10	400	July 4, 2015	
	4	Adaptor for HP pro book 4440s laptop, Make : HP	1,150	1	1,150	October 3, 2015	
ME	1	SMF BATTERY: 12V/7 AH Battery	700	2	1,400	November 2, 2015	20,720/-
	2	2TB Enterprise HDD	9,200	2	19,320	December 29, 2015	
CH	1	Intel Core I3 Desktop Computer CPU, Intel Core I3-4130 CPU, Intel H81 Motherboard ASUS, 4GB DDR3 RAM, 500GB Sata Harddisk SEAGATE, TVSE Gold Keyboard, Optical Mouse USB (Logitech), CAT 6 UTP Patch Cord, 18.5" Wide LED Monitor LG	23,905	1	25100	May 10, 2015	1,20,719/-
	2	Intel Core I3 Desktop Computer CPU, Intel Core I3-4130 CPU, Intel H81 Motherboard ASUS, 4 GB DDR3 RAM, 500GB Sata Hard disk SEAGATE, TVSE Gold Keyboard, Optical Mouse USB (Logitech), CAT 6 UTP Patch Cord, 18.5" Wide LED Monitor LG	23,905	4	95619	May 10, 2015	
GRAND TOTAL							24,17,493

Library-Learning Resources Added

The library made significant progress in several areas.

- During the year, 2024 books (worth of Rs. 9, 65,716.38/-) were added to the library and presently it has a collection of 46,069 books. It also received 240 journals and magazines (worth of Rs. 5, 91,205/-) – 227 national and 13 international – in areas of Engineering, English, Mathematics, General Reading, etc. We have subscribed more than 700 e-journals (worth of Rs. 82, 08,746.59/-) of IEL Online, ASCE, Science Direct, and ACM Digital.
- The Library issued 65, 432 books and other documents to its members during the year and 1, 01,288 users walked into the library during the year.
- The Library Resource Center provides book bank facility to the students of the Institute. The main purpose of this service is to help the needy meritorious students. The book bank has a separate collection of 4, 388 books other than the library books. During the year, 420 students availed this facility and borrowed 2187 books from this collection.
- Added many faculty publications (Conference papers, journal articles etc.), M.Tech. Dissertations, PH.D. Theses, Event Photo-albums in the Institutional Repository that we have created by using D-Space Open Source Software.

- 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.
- The Library has purchased Remote Login Software for accessing NU's e-resources outside the campus. Faculty members and Ph.D., PG and Final Year UG students are using the university's online and e-resources through remote login facility as per e-resource access policy and remote access policy. At present 173 Faculty members, 507 PG students, 180 UG students and 25 Ph.D. students are using this facility.
- Activities-Arranged Book Display during NU Sports Day and NUTECH – Entrepreneur week, TED Talks for Faculty Members, Library Orientation Programme for students, Book Review Sessions, and Expert Talk.
- Full-fledged implemented KOHA (Open Source Library Software) at NU Libraries.

Laboratory Facilities: Major Additions

Chemical Engineering

Sr. No.	Equipment	Quantity	Date of Purchase	Cost (Rs.)
1	Membrane Filtration Assembly	1	March 22, 2016	39,000/-
2	Penetrometer	1	March 31, 2016	9,650/-
3	Drop point	1	February 9, 2016	9,950/-
4	Vacuum Oven	1	March 11, 2016	49,500/-
5	Magnetic Stirrer with Hot Plate (No. 1)	1	October 16, 2016	8,809/-
6	Magnetic Stirrer with Hot Plate (No. 5)	1	February 9, 2016	44,025/-
7	ORP Meter	1	November 30, 2015	18,385/-
8	Waterbath With Temperature Controller	1	December 16, 2015	9,800/-
9	Solar Parabolic Collector	1	November 5, 2016	49,405/-
10	Analytical Weighing Balance	1	March 19, 2016	1,65,600/-
11	pH cum Conductivity Meter	1	March 31, 2016	15,000/-
12	Digital Polarimeter	1	March 23, 2016	42,710/-
Total				4,61,834/-

Mechanical Engineering

Name of Laboratory	Equipment / Software	Cost
Material Technology	Micro Hardness Tester	6,93,000/-
CAD Laboratory	Ansys Academic Teaching Mechanical and CFD Software	6,02,400/-

Electronics and Communication Engineering

Sr. No.	Date	Name of Equipment	Qty.	Rate/ Item in Rs	Total Amount in Rs
1	July 29, 2015	Digital Multimeter Model No.Excel DT9205A	15	580	9,135
2	August 13, 2015	Decade Resistance Box Model No. DRBC-115	2	3,400	7,140
3	September 10, 2015	Digital Multimeter	10	2,194.5	21,945
4	September 30, 2015	Digital Ammeter (DC Current Meter) Range: 200 microA, 2 mA, 20mA,200 mA	15	600	9,450

5	September 10, 2015	Bread Board Trainer with Power supply	10	3,491.25	34,912.5
6	October 12, 2015	ARM7 Educational Board with USB port	5	6,825	34,125
7	October 15, 2015	Cathode Ray Oscilloscope 30 Mhz, Make: Scientech Model No 801C	2	16,800	33,600
8	November 15, 2015	D.C. Regulated Dual Power Supply 0-30V/2A Model No.	2	10,290	20,580
9	December 11, 2015	Frequency Modulation & Demodulation Trainer Model No ST 2203	1	10,710	10,710
10	December 11, 2015	PAM, PWM and PPM Trainer Model No ST 2110	2	10,621	21,242
11	January 13, 2016	Bread Board Trainer with Power supply	10	3,491.25	3,4912.5
12	January 18, 2016	Internet of things in a Box	5	17,760	93,240
13	January 27, 2016	SoC Kit in Box	5	35,000	1,84,625
14	February 4, 2016	Melting Point Apparatus	1	12,390	12,390
15	February 4, 2016	Plank's Constant	1	17,325	17,325
16	February 13, 2016	Hall Effect Trainer	1	55,283	55,283
17	March 1, 2016	Digital IC Tester	1	27,300	27,300
18	March 1, 2016	Super Hetrodyne Receiver Trainer (AM/FM) 2661	2	18,296	36,592
19	March 26, 2016	Anechoic Test Set up for Antenna Set	1	4,18,437	4,18,437
Total					1082944

Instrumentation and Control

Sr. No.	Purchase Date	Item Description	Qty.	Unit Cost in Rs	Total Cost in Rs
1	March 18, 2016	Mechatronics Sensor Trainer Kit (Make: Anshuman)	01	1,47,000/-	1,47,000/-
2	February 13, 2016	Temperature Calibration Setup (Make: Nagman, Model No. MTC650)	01	1,42,982/-	1,42,982/-
3	December 16, 2015	Power Scope (Make: Scientific)	02	23,667/-	47334/-
4	November 28, 2015	Dual Converter	01	45,360/-	45,360/-
5	February 24, 2016	USB Oscilloscope	05	27,650/-	1,38,254/-

Electrical Engineering

Sr. No.	Item Description	Unit Cost in Rs	Qty.	Total Cost in Rs	Purchase Date
1	Synchronous Generator DC Motor Set	₹ 54,863	02	₹ 1,09,725/-	February 25, 2016
2	Differential Voltage Probes	₹ 37,275/-	02	₹ 74,550/-	February 2, 2016
3	Instrumentation Control Panel	₹ 49,000/-	01	₹ 49,000/-	March 25, 2016

Civil Engineering

Sr. No.	Equipment Name	Sr. No.	Equipment Name
1	Swell Test Apparatus	10	Digital Planimeter
2	Digital Level	11	Compression Type Load Cell and LVDTs
3	Vibrator Table	12	Accelerator Curing Tank
4	Standard Penetrometer	13	Blain Air Permeability Apparatus
5	Bitumen Extractor	14	Data Acquisition System (DATA Taker)
6	Hot Air Oven	15	Three Hinged Arch Apparatus
7	Electrical Needle Vibrator	16	Digital Rockwell Cum Brinell Hardnes Tester
8	Plane Table	17	Digital UTM Upgradation with panel board
9	Multi Parameter Data Logger	18	Rapid Chloride Penetration Test

V. Student Support and Progression

Cut-off Percentage Marks-Category Wise

Cut-Off Rank B.Tech. Admissions 2015

1. 35% All India Category

BRANCH	First Admission		Last Admission	
	ITNU Merit No.	JEE (Main) 2015 All India Rank	ITNU Merit No.	JEE (Main) 2015 All India Rank
Mechanical	87	11026	937.10	43018.01
Computer	84	10886	435	26535
IT	200	17397	696	34811
Electrical	268	20187	2670	113870
Civil	554	30730	3218	146313
Chemical	877	40548	2267	93367
EC	472	28160	2099	86304
IC	1432	60002	3465	162758

2. 15% NRI / NRI Sponsored Category

BRANCH	First Admission		Last Admission	
	ITNU Merit No.	JEE (Main) 2015 All India Rank	ITNU Merit No.	JEE (Main) 2015 All India Rank
Mechanical	23	72.33	225	105634
Computer	2	97.71	78	47227
IT	79	47798	146	76995
Electrical	228	106134	864	390892
Civil	378	156594	767	339437
Chemical	105	56435	609	257418
EC	112	59138	591	249406
IC	511	208720	819	356160

3. 50% ACPC Category

BRANCH	Open Category		SC Category	
	ACPC Merit Rank		ACPC Merit Rank	
	First	Last	First	Last
Mechanical	178	1359	1907	8056
Computer	192	829	3407	10363
IT	584	1124	2796	3455
Electrical	718	4974	6460	12546
Civil	219	5703	9521	11019
Chemical	1387	3196	8171	9792
EC	1171	4762	8015	13385
IC	1624	5534	12456	12994

BRANCH	ST Category		SEBC Category	
	ACPC Merit Rank		ACPC Merit Rank	
	First	Last	First	Last
Mechanical	12936	35693	1125	3239
Computer	25554	49612	834	2061
IT	44403	44403	1346	3240
Electrical	28144	46522	3833	8899
Civil	17901	35975	5394	11498
Chemical	42223	51590	4413	5533
EC	-	-	6412	16713
IC	-	-	6676	10634

M.TECH. 2015-16

Sr. No.	Branch	Sub Branch	CUT-OFF				ADMISSION CATEGORY			Grand
			Gate		Non-Gate		Gate	Non Gate	Sponsor ed	Total
			First	Last	First	Last				All
1.	Chemical	EPD	-	-	34	10	-	08	-	08
		Energy	-	-	-	-	-	-	-	-
2	Civil	CASAD	516	355	37	29	06	23	01	30
3	Computer	CSE	599	359	34	25	14	16	00	30
		CSE(Split)	-	-	-	-	-	-	-	-
		INS	458	365	30	20	08	22	00	30
		NT	432	357	26	11	03	27	00	30
4	Electronics & Communication	Comm.	496	355	26	16	11	17	-	28
		Embedded	487	357	31	19	8	22	-	30
		VLSI	571	360	38	27	24	6	-	30
5	Mechanical	CAD/CAM	490	427	36	19	7	22	--	29
		CIM	406	--	29	26	1	7	--	8
		CIM (Split)	-	-	-	-	-	-	-	-
		DESIGN	634	371	37	22	7	11	--	18
		THERMAL	625	367	38	25	10	20	--	30
		ENERGY	--	--	29	27	--	4	--	4
6	Electrical	EPS	439	370	37/60	14/60	3	26	--	29
		PEMD	407	365	35/60	12/60	4	21	--	25
		ENERGY	--	--	16/60	15/60	--	3	--	03
7	Instrumentation & Control	C&A	-	-	28	19	-	10	-	10
TOTAL									372	

MCA 2015-16

Sr. No.	Branch	CMAT Cut-Off		Grand
		First	Last	Total
				All
1	MCA Semester I	103	41	60
2	MCA Semester 3 (Lateral Entry)	121	20	22
Total				82

Student Achievements

- Yuvrajsinh Solanki won first prize awarded for best project report under title 'Project Report of Workshop on Quality Management Services and Quality Technology Tools' given by Gujarat Chemical Association for their programme which was jointly conducted on September 8-9, 2015 by MSME, Development Institute, Ahmedabad and Gujarat Chemical Association, Ahmedabad. He got Rs. 1000 cash prize for the best project report.

- Pandya Nirav Bhadreshbhai won second prize awarded for best project report under title 'Project Report of Workshop on Quality Management Services and Quality Technology Tools' given by Gujarat Chemical Association for their programme which was jointly conducted by MSME-Development Institute, Ahmedabad and Gujarat Chemical Association, Ahmedabad. He has been given certificate and prize the project report selected as a second best project report of the same programme.
- Neha Mulchandani, M.Tech, EPD student won second prize in poster presentation in Institute of Chemical Technology, Mumbai.
- Nilesh Khalse won first prize (Certificate of merit and Rs 2,000/- cash) for paper presentation 'Clean Energy: Hydrogen Production from Glycerol via Steam Reforming using Magnesium Catalyst' in national conference on Inter or Interdisciplinary Blends of Chemical Engineering, VNIT, Nagpur, Maharashtra on April 2-3, 2016.
- Nilesh Khalse won first prize (Certificate of merit and Rs 2,000/- cash) for poster presentation on 'Production of Hydrogen from Biodiesel Byproduct: Glycerol via Steam Reforming over Cobalt Catalysts' in national conference on Inter or Interdisciplinary Blends of Chemical Engineering, VNIT, Nagpur, Maharashtra on April 2-3, 2016.
- International Young Scientist Award Julie Pardiwala, Sanjay Patel, Femina Patel on 'Effect of Preparation Method for NiFe₂O₄ Photocatalyst for the Degradation of Industrial Reactive Torques Blue (RB21) Dye and its Effluent', at First International Young Scientist Congress, Maharaja Ranjit Singh College of Professional Science, Indore during August 8-9, 2015.
- Nainesh Patel, M.Tech Chemical Engineering (Energy System) student, won second prize awarded for Best M.Tech. Thesis in Chemical Engineering-2015, thesis entitle 'Energy Efficiency Improvement in MSME Sector of Gujarat', by ISTE New Delhi.
- Gautam Dadhich, student of M. Tech. by Research (Geomatics) won first prize in poster presentation competition held at DA-IICT, Gandhinagar on July 25, 2015 in workshop on Information and Communication Technology for Development in collaboration with CII (Confederation of Indian Industry), GKAFIC, Gujarat. He won cash prize of Rs. 10,000/-.
- Smeet Gala, semester 7, Abhishek Sharma and Keval Vejani, semester V, students of B. Tech. secured first place in technical event "Earthquake Shocker - A Technical Quiz Competition" jointly organized by OrCES (Organization of Civil Engineering Students), Civil Engineering Department, IT-NU, Institute of Seismological Research, Gandhinagar and Indian Society of Earthquake Science on August 18, 2015. They won cash prize of Rs. 5,000/-. They will also get opportunity for internship at ISR, Gandhinagar.
- A group of ten students of semester VII B. Tech. in Civil Engineering consisting of Kavach Mishra (Team Leader), Aman Vyas, Shrayash Hardya, Malini Sisodia, Nandita Sugandhi, Monika Chaudhary, Rushil Mojidra, Grishma Rathva and Mounik Hemnani under the guidance of Dr Urmil V. Dave has created history by securing 1st runner-up position at the National Concrete Canoe Competition (NCCC) 2015 organized by IIT Madras in association with the Indian Concrete Institute (ICI).
- Murtaza Kolsawala, student of M. Tech semester III (also B. Tech. Alumni) is awarded with Bronze Medal in Civil Engineering Discipline in Forty Sixth All India Student Design Competition-2015 by National Design and Research Forum, The Institution of Engineers (India) for his project related to design of precast beam column connections.
- Department of Civil Engineering students: Mr. Achint Sharma and Mr. Abhinav Karmilla's B.Tech Project has been awarded Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, National Award for Best B.Tech. Project from Engineering Colleges related to Sustainable Development: Civil Engineering area by Indian Society of Technical Education.
- Husain Rangwala secured first position in paper presentation (PG-category) during Eighth National Civil Engineering Students Symposium at AAKAR-2016 organized by Civil Engineering Department, IIT Bombay.
- Tejansu Salaria, student of EC, IT, NU, got the ISTE best student award for the year 2015.
- Meet Trivedi and Rishabh Chaturvedi participated in the Student Innovation Pavilion in GRIDTECH 2015 held at Pragati Maidan, New Delhi. They exhibited a working project on

‘Development of Prototype Voltage Source Converter based High Voltage DC transmission system. This project secured the Third Position and prize money of Rs. 25,000/-. This competition was held during April 8-10, 2015.

- Mr. Ankit Kherodiya and Mr. Ayush Gupta presented a paper titled “Hybrid DC Circuit Breaker” which was presented a paper at SWICON 2015 organized by IEEMA, at Hotel the Lalit, Mumbai during November 26-27, 2015. This paper was selected in top 6 paper out of 120 entries and students also received 11000/- as honorarium. The same paper will be published in IEEMA journal.

Student Clubs in the Institutes/University- 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 fundamental, along with their innovativeness. Different co-curricular and extracurricular activities were organized throughout year 2015-16. Each branch association were organizing an annual flagship event on national level till September 2011. From 2011 the Institute decided to organize a National Level Technical Symposium ‘NuTECH’ jointly by all the students’ associations. Accordingly the Institute has organized NuTECH during February 24-25, 2016. The students also carried out social activities through Rotaract Club of Nirma University. The Chapters of Professional Academic Societies have conducted various academic enhancement activities to add to their professional growth. The students of the institute have actively participated in the Foundation day celebration of Institute of Technology, Nirma University observed on October 3, 2015. All associations have arranged institute level activities encompassing sports, quizzes, workshops, fun zone etc.

A 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	Treasure Hunt	October 2015	Institute
			Bol Boli Bol	October 2015	Institute
			Jo Jeeta Wahi Sikandar	October 2015	Institute
			BrainTwister	August 2015	Institute
			CODE-DE-PIRATES	February 2016	State
2	Indian Society For Technical Education	All Branches	Fresher’s Frenzy	August 8, 2015	Institute
			Sixth Sense Robotics Workshop	August 21, 2015	Institute
			Fresher’s Talent	August 26, 2015	Institute
			I-Fest’ 2015	October 6-8, 2015	National
			Noesis	February 23-24, 2016	Institute
3	Electrical Engineering		Gyan Aarambh- 2015	August 22, 2015	Institute

	Student Association	Electrical Engineering Department	Expert Talk on How to face group discussion and personal interview	October 1, 2015	Institute
			Scintilla 2015	October 20, 2015	Institute
			Expert Lecture on “How to prepare for IES exam”	January 20, 2016	Institute
			EE Luminati	February 24-25, 2016	State
4	ISA Students’ Chapter	Instrumentation and Control Engineering	Line Follower, Digitronics	February 24-25, 2016	State
5	Electronics & Communication Organization	EC, IT-NU	ECO Day	August 19, 2015	National
			Texas Instrument India Analog Competition	October 26, 2015	
			Social Activity	October 2, 2015	
			Sweet Distribution	November 7, 2015	
6	Infocrates Computer Engineering Department	IT	Think You’re Ready? Infomaniacs Workshop on Website Design using Google Blogger	February 2016	National
7	Invincible Leaders’ League	Mathematics and Humanities	Tribe Hunters Drama Workshop TESERACT Dance Workshop TEDx Talk with Luminaries	August 2015 September 2015 September 2015 September 2015 January 2016 January 2016	Institute
8	CHESA Chemical Engineering Department	Chemical Engineering	Extension Activity: Visit to Hiramani Sandhiya jeevan kutir	October 3, 2015	Department
			Clashes of Universes-DC	September, 30, 2015	Institute
9	MESA Mechanical Engineering Department	Mechanical Engineering	MESA Day	April 15, 2015	Department
			Software Demonstration	April 6-10, 2015	Department
			Autocalypse’16	January 30-31, 2016	District
			Paper Plane Workshop	February 27, 2016	Department
10	OrCES Civil Engineering Department	Civil Engineering	Technical Workshop on Computation Tools used in Structural Engineering	February 1, 2016	Department
			Technical Workshop on Auto Cad	March 8, 2016	Department

			Technical Workshop on Auto Cad	March 13, 2016	Department
			Extension Activity of visit to Nirma University for Miroli village school students	October 10, 2015	Institute
			Kon Banega Concrete Expert	September 8, 2015	Department
			Earthquake Shocker-A Technical Quiz Competition	August 8, 2015	State
12	Computer Society of India, Student Branch, NU (CSI)	Computer/IT Engineering	Dub Wars: Online Competition	June 14-18, 2015	Department
13	NU Tech 2016	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.	February 24-25, 2016	National

Sports Activities

Sports Activity Report

Sr. No.	Event Organized		Duration	No. of Participants (Approx.)
1	Freshers' Cup	Football Cup	April 2015	120
2		Cricket Cup		140
3		Volleyball Cup		100
4	Nirma Cup	Lawn Tennis	August 2015	34
		Table Tennis		41
		Basket Ball		122
		Chess		46
		Basket Ball Cup		60
5	M. Tech. Cricket League		September 2015	80
6	Nirma Cricket League		August 2015	120
7	Rotaract Premier League Football		September	120
8	Annual Sports Day	Chess	February 4-6, 2016	500
		Carom		
		Table Tennis		
		Tug of War		
		Athletics		
9	Nirma Cup	Football Cup	March 2016	120
		Cricket Cup	March 2016	120
10	Fresher's Cup	Basket Ball	March 2016	120
11	Badminton Tournament		April 10, 2016	50

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 Lawn Tennis Tournament during January 27-February 1, 2016 at Devi Ahilya University, Indore

Following are the achievements of students in sports in 2015 - 2016:

Name of the student	Semester	Branch	Event	Sport	Rank
Neha Saxena	VI	Electrical	Justice League 2016 (GNLU)	Table Tennis	First
Vidhi Thakkar	II	Architecture			
Khyati Shah	VIII	Chemical			
Ankita Bhardwaj	VI	Electronics and Communication	Justice League 2016 (GNLU)	Lawn Tenn	Second
Rajdev Singh Chandrawat	VI	Civil	Justice League 2016 (GNLU)	Part of Basket Ball Team	Winner
Manan Shah	VI	Instrumentation and Control			
Fenil Shah	VI	Civil	Justice League 2016 (GNLU)	Chess	Winner
Shivam Shah	VI	IT	Justice League 2016 (GNLU)	Chess	Semi Finalist
Nirva Shah	IV	Electrical	Justice League 2016 (GNLU)	Basket Ball	Semi Finalist
Vidhi Mehta	IV	IC			
Neha Saxena	VI	Electrical			
Prachi Singhi	VI	EC			
Nupur Joshi	VI	EC			
Swara Desai	VI	Architecture			
Arya	VI	Architecture			
Neha Saxena	VI	Electrical	Justice League 2016 (GNLU)	Volley Ball	Semi Finalist
Nirva Sah	IV	Electrical			
Ritika Biswas	VI	EC			
Swarnim	II	Electrical			
Neeva	II	Electrical			
Sakshi	II	EC			
Prachi Singhi	VI	EC			
Fenil Shah	VI	Civil	National Sports Meet at LMNIT College, Jaipur ; Desportivos 2016	Chess	Winner
Shivam Shah	VI	IT			
Parin	VI	Civil			
Chokshi	VI	Civil			
Sarvam	VI	Civil			
Miyani	Vi	IC			

Youth Welfare and Cultural Activities

Cultural Activity Report (2015-16)

Sr. No.	Event Organized	Duration	No. of Participants (Approx.)
1	Ramzat 2016	October 31, 2015	-
2	Vaudeville 2015-16	January 21-22, 2016	315
	Drama		
	Skit		
	Mono Acting/Mimicry		
	Debate		
	Elocution		
	Collage		
	Rangoli		
	Poster Making		
	On the Spot Painting		
	Cartooning		
	Group Dance		
	Solo Dance		
	Singing Solo		
	Duet Song		
	Group Song		
	Vocal (Classical)		
	Classical Instrumental		
	Classical Dance		
3	West Zone Inter University Youth Festival 2015-16	January 8-12, 2016 at Sardar Patel University, V V Nagar, Dist. Anand, Gujarat	02
4	National Youth Day Celebration	January 16, 2016	04
5	One Act Play	January 28, 2016	19
6	Inter Institute Cultural Festival (Culfest) 2015-16	February 16-17, 2016	72
	Drama		
	Skit		
	Mono Acting/Mimicry		
	Debate		
	Elocution		
	Collage		
	Rangoli		
	Poster Making		
	On the Spot Painting		
	Cartooning		
	Group Dance		
	Solo Dance		
	Singing Solo		
	Duet Song		
	Group Song		
	Vocal (Classical)		
	Classical Instrumental		
	Classical Dance		
7	Solo Singing Competition as a part of Matribhasha Diwas Celebration,	March 3, 2016	05

8	Essay	Institute Level	March 5, 2016	38
9	Competition	University Level (Inter-Institute)	March 18, 2016	15
10	State Level Elocution Competition 2016 at Bhaikaka Bhavan, Ahmedabad		April 10, 2016	01

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

Annexure A: Institute Level Sports

Annexure B: University Level Sports

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, GPAT, ICMR)

Name of Examination	Number of Students
GATE	42
CAT	27
Other (GRE, TOEFL, IELTS)	69

Alumni Association Activities Supporting Students

Annual General Meeting

Sixteenth Annual get together of NITAA was held on January 2, 2016 at Nirma University campus. More than 100 alumni with their family members and about 100 faculty members attended the get together. The reunion was presided by President of NITAA Dr P. N. Tekwani and vice-president Dr N. P. Gajjar.

Alumni Meet Bangalore

An alumni meet was organized on July 19, 2015 in Bangalore. It was held in Hotel Bhagini Palace Opposite Mall More, Maratha Halli, Outer Ring Road, Bangalore. Dr N P Gajjar, Sr. Vice President, NITAA, Dr D. K. Kothari, Professor and Section Head, EC –IT-NU, Dr N M Devashrayee, Professor and PG Coordinator VLSI Design represented NITAA and IT-NU. The meet was attended by more than 70 alumni members from Bangalore along with their spouse.

Alumni Meet Greater Noida

An alumni meet was organized on February 10, 2016, at Olive Garden Restaurant and Banquet, Plot No. 401, Opposite Hoshiyarpur, Golf-Course Road, Sector 52, Greater Noida.

Nirma Alumni Meet for Entrepreneurs

NITAA has organized Nirma Alumni Meet for Entrepreneurs on April 21, 2015 in PG Conference room. Shri Yagnadep Gohil, Entrepreneurship Cell, Nirma University was Coordinator for the Meet. More than 15 alumni entrepreneurs attended the same.

The objectives of the meet were:

- To form group of entrepreneurs as part of ecosystem of entrepreneurship at Nirma University
- Networking among the group
- Case study presentation to current batch students
- Entrepreneurship cell would like to organize programs like Seminars, Tech meet ups, Innovation Summit, Hackthon and Maker fest workshops for students of present batch.
- Creation of support system for potential start-ups at university.
- Setting up common platform for Bright Students, Mentors, entrepreneurs and sponsors

NITAA Awards

NITAA has started Best Alumni Awards (Department wise) since 2014. In the current year 7 awards were given. The details are as under:

Dept.	Name of Alumni	Programme (Entry Batch)
CH	Mr. Nirav Parsania	B.E. (1996)
CL	Mr. Maitrey Talati	B.E. (1996)
EE	Dr Rajendrasinh B. Jadeja	M. Tech. PAS (Power Apparatus and System) (2003)
IC	Mr. Gautam Pal	B.E. (2002)
ME	Mr Nitin Goraiya	B.E (1995)
CSE	Mr. Mahesh Vatwani	B.E. (2000)
EC	Mr. Sandip Rajput	M. Tech (VLSI Design) (2009)

NITAA Scholarship

In the current financial year 2015-16, NITAA has given scholarships to 12 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, 9 numbers of scholarships were renewed for higher semester students and distributed on Foundation day on October 3, 2015. Total scholarship worth Rs. 4,20,000/- was given.

Departmental Activities

NITAA is rigorously arranging expert lectures, seminars, interactions with the help of Alumni members for current students. Alumni members also help in arranging student trainings, projects and placements. Various Alumni experts are invited from Research Institute, Government Organizations, Industries and well known Universities for sharing their expertise and experiences. This will help students a lot to gain something beyond their class room teaching. Details of various Alumni activities carried out in different departments are given.

Department	Type of Activity	Date	Brief Details of the Activity
IC	Alumni Interaction	September 3, 2015	Informal alumni interaction for career opportunities with Jigar Chikani, Mona Vadsola, Ashay Shah
	Expert lecture	January 6, 2016	Mr. Harsh Satyapanthi, Manager Supply Chain, NVIDIA-USA
	Expert lecture	February 26, 2016	Mr. Tej Trivedi, Engineer, IETR, IPR, Gandhinagar
IT	Expert Lecture	October 4, 2015	The expert shared his experience and guided the juniors about how to select electives in curriculum.
	Expert Lecture	February 19, 2016	Mr. Abhishek Desai, Co-founder Digicorp, Ahmedabad
CE	Expert Lecture	October 4, 2015	Expert has shared his experience and guided the juniors about how to select electives in curriculum
	Alumni Interaction	October 4, 2015	Mr. Abhishek Desai, Co-founder Digicorp, Ahmedabad with M. Tech CSE students
	Expert Lecture	February 19, 2016	Mr. Abhishek Desai, Co-founder Digicorp, Ahmedabad
EC	Expert Lecture	August 22, 2015	'Radiation and its Effects on Electronic Circuits' for M. Tech. (all Branches) semester I by Mr. Divyaraj Vaghela, JRF, ISRO Respond Project (2013 Passout)
	Expert Lecture	August 22, 2015	Electromagnetics : An Open Field of Opportunities for B. Tech. EC semester VII by Mr. Pratik

			Mevada, Sci./Engr. SD, SAC, ISRO, Ahmedabad (2010 Passout)
	Expert Lecture	September 3, 2015	Hardware Security for M. Tech VLSI by Mr. Jayesh Popat, Assistant Professor, Marwadi College (2011 Passout)
EE	Expert Lecture (Alumni Interaction)	July 6, 2015	The session was on the topic 'Career Opportunities after Graduation'. The session was delivered by Mr. Akshat Kumar (B.Tech. EE, 2010 Passout), Consultant Analyst, Accenture, Bangalore.
	Expert Lecture (Alumni Interaction)	July 7, 2015	The session was on the topic "Expectations of Industries from Graduate Engineer Trainees". The session was delivered by Mr. Himanshu Chauhan (B.Tech. EE, 2008 Passout), Manager - Gujarat, Sales & Business Development, Fujitsu India Private Limited, Ahmedabad.
	Expert Lecture (Alumni Interaction)	September 15, 2015	The session was on the topic "How to prepare and apply for further studies in US?" The session was delivered by Mr. Gaurav Mathey (B.Tech. EE, 2010 Passout), Senior Engineer, New Product Development, QCT Failure Analysis, Qualcomm Technologies Inc., San Diego, California, USA.
	Interactive Session	January 4, 2016	On "Entrepreneurship Opportunities for Engineers". by Mr. Palak Madhvani and Ms. Surbhi Saxena
	Expert Lecture	January 20, 2016	On "Motor and Drive Total Cost of Ownership Concept". by Mr. Vivek Ganatra
	Interactive Session	January 29, 2016	On "Importance of Projects in Students Life". by Mr. Goldi Makhija
ME	Expert Lecture	April 20, 2015	Expert lecture of Mr. Bhavin Dabhi on 20th april, 2015 was arranged for B.Tech final semester students. The topic was "Mechanical Design for Engineers".
	Open seminar	October 3, 2015	Experimental Studies on Lignite Gasification
	M. Tech Project Guidance / Examiner	April 5-31, 2015	Mr. Parashar Vyas and Mr. Kaushik Savaliya has provided experimental setup to carry out experiments on heat pipe.
	Expert Lecture	April 8, 2016	Mr. Abhishek Jhaveri, Director, Patel Alloys Steel Pvt Ltd., Ahmedabad delivered an expert talk on "What makes you ready for Industry?" which was attended by all B. Tech. students.
	Alumni Interaction	April 8, 2016	Mr. Bhavin Dabhi, Universal Designovation Lab. LLP, Rajkot interacted with all B Tech students and talked about start-ups.
	Expert Lecture	April 21, 2016	Mr Amar Patel delivered an expert talk on "How to prepare for US colleges and Employers"
MCA	Expert Lecture	July 30, 2015	Expert Lecture conducted by Mr Akash Soni, MCA Alumni on the topic "Guiding students for Placements in premier IT Company – Infosys". The lecture was scheduled for MCA semester V students.

	Industry Visit to Alumni Organization	August 18, 2015	A visit to alumni organization Yudiz Solutions Ltd, Ahmedabad was conducted to make students aware about working culture and methodologies in a real time software company environment. Mr Pratik Patel, MCA Alumni & Director, Yudiz Solutions Ltd shared his experiences at that time and also guided students for better placements.
	Industrial Visit	March 16, 2016	M/s Yudiz Solutions Ltd. The organization is run by one of distinguished MCA Alumni Mr. Patik Patel. The visit was conducted on March 16, 2016 for MCA semester II students
	Expert Lecture	March 18, 2016	By Mr Sanket Thakkar, MCA Alumni and Director, iConflux Ltd, Ahmedabad to MCA semester IV Students on on “Current trends in Mobile Application Development: PhoneGap”.
CH	Interaction	July 13, 2015	Alumni Interaction by Mr. Chintan Bhomia (2013 Passout)- a brief interaction about Chemical Industry, life after college and demand for Chemical Engineers in the market with third semester students.
	Interaction	August 6, 2015	Mr. Chirag Mathur (2008 pass-out) visited campus on August 6, 2015 and had a brief interaction with third semester students about life after college, how Nirma inculcated several qualities which helped him develop his career.
	Expert Lecture	September 15, 2015	Mr. Akhilesh Shah, student of 2002 batch pass out delivered an expert talk on Industrial Safety.
	Interaction	September 16, 2015	Shreenath, a 2010 batch pass out student, currently working with Essar Oil Ltd., Jamnagar in the crude scheduling department interacted with semester 5 students of B.Tech. Chemical Engineering.
	Interaction	September 28, 2015	Ronak Shah and Dipesh Lakhotia visited the college on September 28, 2015. They came up with a start-up Carving Minds, which within a short duration of time, has reached great heights. Carving Minds is a unique start-up, which organizes motivational lectures in schools, colleges etc.
	Seminar	November 2, 2015	A Chemical Engineering Department had organized a seminar on ‘Total Loss Control and Risk Management’ on February 11, 2015 for B. Tech. and M. Tech. students. Dr H. S. Purohit (International Speaker) and his Team, HSP consultants, Ahmedabad were invited to conduct the seminar.
	Alumni Interaction	January 19, 2016	Mr. Sumit Kapde regarding opportunities for Chemical Engineers
	Expert lecture	March 8, 2016	By YVNS Suvikram on ‘Effects and Importance of Temperature, Pressure and Flow Parameters in an Industrial Process’
CIVIL	Expert Lecture	April 10, 2015	Mr. Anushrav Bhatt, Consultant, Nirantar Group, Ahmedabad (B. Tech. Alumni) has delivered an

		expert lecture on “Arbitration and Conciliation” on April 10, 2015.
Expert Lecture	April 15, 2015	Ms. Khushali Modi, Manager, Planning Department, GIFT (M. Tech. Alumni) has delivered an expert lecture on April 15, 2015. B. Tech semester VI students attended the expert lecture.
Site Visit	April 15, 2015	Ms. Khushali Modi, Manager, Planning Department, GIFT (M. Tech. Alumni) has delivered an expert lecture on April 15, 2015. B. Tech. semester VI students have attended the expert lecture.
Expert Lecture	August 7, 2015	Shri Harish Jakhmola, (M.Tech. Alumni) Project Manager, SGS has delivered an expert lecture on slip form work technique used in construction industry for semester VII.
Fractional Course	August 8, 2015	Ms. Megha Bhatt, Head, Plumbing and Fire Fighting, Seth Techno Consultants on Advanced Building Services-Plumbing and Fire Fighting services.
Interaction	August 13, 2015	Alumni Interaction by Mr. Bakul TRiphathi (2013 Passout)- a brief interaction about scope available in water resources engineering, life after college and demand for Civil Engineers in the market with faculties and students.
Expert Lecture	August 20, 2015	Shri Harish Jakhmola,(M.Tech Alumni) Project Manager, SGS has delivered an expert lecture on "Good Construction Praticce" during 11.15 to 1.15 for sem VII.
Fractional Course	August 22, 2015	Ms. Megha Bhatt, Head, Plumbing and Fire Fighting, Seth Techno Consultants on Advanced Building Services – Plumbing and Fire Fighting (FFTG) services.
Fractional Course	September 12, 2015	Ms. Megha Bhatt, Head, Plumbing and Fire Fighting, Seth Techno Consultants on Advanced Building Services – Plumbing and Fire Fighting (FFTG) services. She has delivered lecture series on department fractional course.
Expert Lecture	January 1, 23, 30, 2016 February 13, 27, 2016	On ‘Bridge Structures’ by Krunal Mehta, Ahmedabad
Demonstration	March 26, 2016	Techniques of Repair and Rehabilitation of Structures and Case Studies by Harish Seth

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 taking 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. 57 % of eligible students of 2016 batch passing out students from Institute of Technology, Nirma University have bagged lucrative offers from National and International recruiters.

79 companies have already participated in the current batch placement process. So far the highest pay offered to the 2015-16 batch is Rs. 14.92 lacs p.a. Average package offered this year is 4.04 lacs p.a. Companies that visited the campus are from diverse sectors like- IT, Electronics, Telecom, Pharmaceuticals, Market Research, and Consulting to Heavy Engineering, R&D and Design.

Under Graduate	Total Number of Students Registered 2016	Total Number of Students Eligible 2016	Total Number of Students Placed 2016	Total Number of Students Eligible Placed 2016	% of Eligible Placement 2016	% of Overall Placement 2016
Civil	64	55	20	20	36.36	31.25
Chemical	70	56	38	35	62.50	54.29
Mechanical	72	66	41	41	62.12	56.94
Electrical	67	57	35	34	59.65	52.24
EC	143	110	100	94	85.45	69.93
IC	57	50	42	39	78.00	73.68
IT	65	51	50	45	88.24	76.92

Post Graduates	Total Number of Students Registered 2016	Total Number of Students Eligible 2016	Total Number of Students Placed 2016	Total Number of Students Eligible Placed 2016	% of Eligible Placement 2016	% of Overall Placement 2016
MCA	64	50	30	27	54.00	46.88
M Tech EPS	27	20	3	3	15.00	11.11
M Tech PEMD	25	17	7	7	41.18	28.00
M Tech EPD	13	10	0	0	0.00	0.00
M Tech CASAD	28	25	1	1	4.00	3.57
M Tech VLSI	30	30	8	8	26.67	26.67
M Tech Comm.	27	27	7	7	25.93	25.93
M Tech Embedded	28	28	12	12	42.86	42.86
M Tech Thermal	29	26	5	5	19.23	17.24
M Tech CAD CAM	30	28	5	5	17.86	16.67
M Tech CIM	17	11	3	3	27.27	17.65
M Tech Design	17	14	5	5	35.71	29.41
M Tech CE	30	26	16	16	61.54	53.33
M Tech NT	29	26	9	9	34.62	31.03
M Tech IC	29	27	9	9	33.33	31.03
M Tech INS	29	25	20	20	80.00	68.97
M Tech Energy	18	15	4	4	26.67	22.22
Grand Total	1150	971	573	551	56.75	49.83

Annual Sports Day Celebration 2015-16
February 4 – 6, 2016

Event	Rank	Boys				Girls							
		Name of Winner	Se m.	Institute	Roll. No.	Name of Winner	Sem.	Institute	Roll. No.				
100m. Run	1	Name of Winner	Se m.	Institute	Roll. No.	Name of Winner	Sem.	Institute	Roll. No.				
	2	Arjun Garg	VI	IT	13BME006	Krina Patel	VI	IT	13BCL074				
	3	Jeet Barad	IV	IT	14BME029	Manisha Sharma	IV	IT	14MCA48				
400 m. Run	1	Arjav Naik	IV	IT	14BEC078	Krina Patel	VI	IT	13BCL074				
	2	Arjun Garg	VI	IT	13BME006	Gitika Jain	IV	IT	14BEE042				
	3	Sarvaiya Bhagirath	VI	IT	13BEE098	Chiragni Bilwal	II	IT	15BCH008				
800 m. Run	1	Kurven Patel	IV	IT	14BEE087	N. A.							
	2	Sarvaiya Bhagirath	VI	IT	13BEE098								
	3	Sunny Vyas	VI	IT	13BCH060								
1500 m. Run	1	Sarvaiya Bhagirath	VI	IT	13BEE098								
	2	Kurven Patel	IV	IT	14BEE087								
	3	Nisarg Sangani	IV	IT	14BIC048								
Long Jump	1	Joshi Darshak	4	IT	14MECC06					Gami Shraddha	6	IT	14BCE158
	2	Archiesman Basu	4	IT	14BCL010					Varsha Razdan	6	IT	11BEE067
	3	Rajkrishna Parmar	6	IT	13BCE069					Dhara Patel	6	IT	13BCE073
High Jump	1	Jaimin Patel	6	IT	14BCL170	Varsha Razdan	6	IT	11BEE067				
	2	Jinay Tandel	2	IT	15BME120	Gami Shraddha	6	IT	14BCE158				
	3	hruvpratap Singh	6	IT	13BME023	Shihora Vishruti	4	IT	14BIT163				
Shot Put	1	Mohinish Daswani	4	IT	14BIT011	Jayati Pandya	2	IT	14MEEP11				
	2	Vignesh Iyer	6	IT	3BEC039	Janki Patel	6	IT	13BCE076				
	3	Rajdev Singh	6	IT	13BCL088	Vaibhavi A.P.	4	IT	14BEE082				
Discus Throw	1	Manann Agarwal	4	IT	14BEC066	Jayati Pandya	2	IT	14MEEP11				
	2	Rajdev Singh	6	IT	13BCL088	Chandni Dholakia	8	IT	12BCH007				
	3	Mohinish Daswani	4	IT	14BIT011	Vaibhavi A.P.	4	IT	14BEE082				
Javelin Throw	1	Vijay Valvi	6	IT	13BCL123	Vaibhavi Parvatikar	4	IT	14BEE082				
	2	Milan Patel	6	IT	13BEE075	Jayati Pandya	4	IT	14MEEP11				
	3	Paresh Rathod	4	IT	15BEE170	Vinita Tahiliani	6	IT	13BIT058				

List of Winners Table Tennis

Rank	BOYS (Singles)		Rank	GIRLS (Singles)	
	Roll no.	Name		Roll no.	Name
1	14BEE107	Shikhar Choksi	1	13BEE061	Neha Saxena
2	12BEE003	Achal Shah	2	14MEEP11	Jayati Pandya

Rank	BOYS (Doubles)		Rank	GIRLS (Doubles)	
	Roll no.	Name		Roll no.	Name
1	14BEE107 and 12BEE003	Shikhar Choksi and Achal Shah	1	13BEE061 and 14MEEP11	Neha Saxena and Jayati Pandya
2	13BME006 and 13BME054	Arjun Garg and Anuj Kumthekar	2	13BEE010 and 13BEE032	Aneri Shah and Dhyana Baxi

List of Winners Tug of War (BOY'S) (Winner : 1st)

Roll No.	Name of Student	Branch	Semester
13BCL088	Rajdev Sinh Chandrawat	CL	VI
13BCL013	Bhavik Bhudia		
13BCL017	Ankit Chaudhary		
13BCL016	Abhishek Bhutwala		
13BCL037	Prince Kansagra		
13BCL027	Hussein Hajoori		
13BCL003	Amit Saini		
13BCL123	Vijay Valvi		
12BCL007	Ajay Bhanat		

(BOY'S) (2nd Rank)

Roll No.	Name of Student	Branch	Semester
14BCE159	Adeeb Ahmed Gandhi	CE	VI
13BCE002	Dipshil Agrawal		
13BCE025	Dharmin Dholia		
13BCE038	Jainam Jhaveri		
13BCE014	Brugen Rajan		
13BCE010	Ayan Shah		
13BCE022	Yash Dave		
13BCE047	Kunal Purasnani		
13BCE050	Maikhar Parikh		

Tug of War (B. Tech) Technology Team (Winner : 1st) Girls

Roll No.	Name of Student	Branch	Semester
15MCEI12	Dhruvi Kothari	CSE(INS)	II
15MCEI03	Disha Chudasma		
15MCEI02	Deepali Bapodara		
15MCEI10	Deneesha Kansagra		
15MCEI19	Darshini Parikh		
15MCEI21	Kajol Patel		
15MCEI14	Maria Yusuf		
15MCEI24	Samixa Toshniwal		
15MCEI22	Palak Patel		

(GIRL'S) (2nd Rank)

Roll No.	Name of Student	Branch	Semester
13BCE044	Vasundra Khosa	CE	VI
13BCE055	Anjali Mittal		
13BCE060	Nikita Manwani		
13BCE062	Shweta Notani		
13BCE077	Katha Patel		
13BCE130	Naisargi Vora		
13BCE076	Jankiben Patel		
13BCE073	Dhara Patel		
13BCE066	Anushree Parmar		

List of Winner Carom (Boys)

Sr.	Name of the Player	Reg. No.
1	Roshan Rameshchandra Tandel	14MMET027
2	Kuldeep Parmar	14BIC022

List of Winner Carom (Girls)

Sr.	Name of the Player	Reg. No.
1	Nikita Hetendrakumar Bachani	14MCA05
2	Thakkar Charmi Hiteshbhai	15BCL110

List of Winners Chess (Boys)

Sr.	Name of the Player	Reg. No.
1	Fenil Shah	13BCL099
2	Tejas Patil	14MCLC22

List of Winners Chess(Girls)

Sr.	Name of the Player	Reg. No.
1	Khyati Shah	12BCH029
2	Zeel Shah	13BCL102

Names of the students of winners of 4 X 100m. Relay

Event	Rank	Boys			Girls		
		Name of Winner	Sem.	Roll. No.	Name of Winner	Sem.	Roll. No.
4 x 100m.Relay	1	Rajkrishna Parmar	6	13BCE069	Krina Patel	VI	13BCL074
		Arjun Garg	VI	13BME006	Purvi Karanjiya	VI	13BCL040
		Archiesman Basu	IV	14BCL010	Tazeen Pathan	VI	3BCL082
		Smit Kapadia		13BME118	Zeel Shah	VI	13BCL102
4 x 100m.Relay	2	Mori Keyur	IV	14BEC075	Dhara Patel	VI	13BCE073
		Hrishikesh Patel	IV	4BEC087	Karishma Bakrania	VI	13BEC011
		Mahesh Solanki	IV	14BME045	Shraddha Gami	IV	14BCE158
		Samkit Jain	II	15BEC103	Gitika Jain	IV	4BEE082
4 x 100m.Relay	3	Mohit Dhiman		12BIC048	Chiragni Bilwal	II	15BCH008
		Bhadreshwara Kuldip	VI	13BEE016	Varsha Razdan		1BEE067
		Sujay Dasgupta	VI	13BEE114	Vinita Tahiliani	VI	13BIT058
		Jaykumar Prajapati	IV	14BEE054	Dhyana Baxi	VI	3BEE032

Inter Institute, Nirma University
WINNERS LIST

Sr. No.	Events	Rank	Boys		Girls	
			Reg No.	Name	Reg No.	Name
1	Shot put	First	14BAR20	Kush Kuntesh Desai	12BAL028	Sonal Joshi
		Second	14FTPHDP28	Chintan Pansara	154149	Gandhi Saloni
		Third	14BIT011	Mohinish Daswani	154148	Badjatiya Saloni
2	Discus throw	First	14BEC066	Manan Agrawal	12BAL033	Shivani Patel
		Second	13BAL082	Arpit Kacholiya	154149	Saloni Gandhi
		Third	141262	Shiv Prasad	14MEEP11	Jayoti Pandya
3	Javelin Throw	First	141262	Shiv Prasad	12BAL033	Shivani Patel
		Second	14BAR020	Kush Desai	12BPH004	Alka K. Singh
		Third	14BAL034	Mahaveer Nahera	14BEE082	Vaibhavi Parvatikar
4	100 mt run	First	151420	Irfan Ali	154149	Saloni Gandhi
		Second	14BAL109	Dhairyaditya Rathore	147102	Ayushi Shrivastava
		Third	13DME103	Anand Chaudhri	15BBL033	Madhusmita Patel
5	400 mt run	First	13BAL081	Harshad Joshi	154149	Saloni Gandhi
		Second	14BAL109	Dhairyaditya Rathore	147102	Ayushi Shrivastava
		Third	141310	Bhim Singh	14BBL048	Ritika
6	800 mt run	First	13BAL081	Harshad Joshi		
		Second	14BAL109	Dhairyaditya Rathore		
		Third	13BEE098	Bhagirath Saravaiya		
7	1500 mt run	First	14BAL109	Dhairyaditya Rathore		
		Second	13BAL081	Harshad Joshi		
		Third	13BEE098	Bhagirath Saravaiya		
8	4*100 meter (Relay)	First	144101	Akash Shah	147102	Ayushi Shrivastava
			141310	Bhim Singh	154149	Saloni Gandhi
			151420	Irfan Ali	154148	Saloni Badjatiya
			143101	Akash Kamdar	151327	Komal Jakasania
		Second	13BAL081	Harshad Joshi	14BBL048	Ritika
			15BAL069	Harsh Yadav	14BBL015	Maitry Dani
			15BAL077	Binayak Subedhi	14BAL069	Jahnvi Yadav
			14BAL109	Dhairyaditya Rathore	15BBL033	Madhusmita Patel
		Third	13BCE069	Rajkrishana Parmar	13BPH050	Jasveen Dhingra
			13BME006	Arjun Garg	14BPH073	Ria Vashishth
			13BME118	Smit Kapadia	15MCL109	Nupur Shah
			14BCL010	Archiesman Basu	15BPH016	Ankita Joshi
9	Long Jump	First	13DME103	Anand Chaudri	14BCE158	Shraddha Gami
		Second	14MECC06	Darshak Joshi	147112	Esha Rasta
		Third	141310	Bhim Singh	11BEE067	Varsha Razdan
10	High Jump	First	14BCL170	Jaimin Patel	154148	Saloni Barjatiya
		Second	15BAR043	Samay Chevli	11BEE067	Varsha Razdan
		Third	15BME120	Jinoy Tandel	12BLL028	Soanl Joshi

Institute
of
Management

Institute of Management

INDEX

Sr. No	Particulars	Page
1	Outstanding Achievements and important activities	75-78
2	Curricular Aspects	78-79
3	Teaching-Learning and Evaluation	79-81
4	Research, Consultancy and Extension	81-87
5	Infrastructure and Learning Resources	87-88
6	Student Support and Progression	88-99

Institute of Management

Outstanding Achievements and Important Activities

Awards and Recognitions

Awards

The Institute was honoured with the award “B-School with Excellent Industry Interface-2015” on July 24, 2015 at Mumbai presented by Lokmat.

Rankings

- 9th Best Private B-School, Competition Success Review, November 2015
- 11th in Learning Experience, Business Today, 2015
- 22nd Best B-School, National HRD Network, published in People Matters, March 2015
- 24th Best B-School, Business Today, October 2015
- 19th Best B-School, Times B-School Survey February 2016

Convocation 2015

The Nineteenth Convocation of Nirma University was held on April 25, 2015. The Chief Guest of the convocation function was Honorable Justice (Retd.) Mr. A. M. Ahmadi, Former Chief Justice of India. Dr. Karsanbhai Patel, President, Nirma University awarded degrees to 177 MBA (Full Time), 80 MBA (Family Business and Entrepreneurship) and 7 MBA (Part Time) students.

Conference

Fifth Annual Quality Conference on ‘Transformation through Quality Management’

The fifth Annual Quality Conference was jointly organized by ASQ LMC Ahmedabad and Institute of Management, Nirma University on November 28, 2015. The theme of the conference was ‘Transformation through Quality Management’.

While delivering the welcome address, Dr Himanshu Trivedi, Chair ASQ Ahmedabad LMC mentioned that “quality is undergoing transformation and leading role of quality is now played by top management themselves. If India is to be transformed into a developed country, we will have to develop deeper understanding of quality; and Institutes and Industries can play a vital role in this movement”. The conference was further addressed by the guest of honor Mr. James Ciby, Director ASQ India. He elaborated about ASQ India and its wide network of 75000 organization members.

In addition, the expert speakers during the seminar includes Mr. Kishore Purswani, Executive Director, Corporate Monitoring, BHEL; Mr. F.R. Singhvi, Joint Managing Director, Sansera Engineering; Mr. Kevin Noakes, Vice President Quality Assurance and Product Reliability, Schindler India Pvt. Ltd.; Dr Manu Vora, Chairman and President, Business Excellence Inc., USA; Mr. Darshak Vasavada, CEO Stamp- Computers, Bangalore besides Dr Garimella, Director IMNU. The occasion was also graced by the presence of Shri K. K .Patel, Vice-President, Nirma University who praised the efforts of ASQ for spreading the message.

Nineteenth Nirma International Conference on Management

The Nineteenth Nirma International Conference on Management was organized by Institute of Management, Nirma University during January 7-9, 2016 on theme ‘Empowering Trade, Industry and Society in Challenging and Competitive Environment’ including nine sub-themes namely ‘Make in India, Digital India, Clean India (Swachh Bharat), Smart India (Smart Cities), Skill India, Green India, Ease of Doing Business, Start up India and Interdisciplinary Issues. In total, 245 abstracts and 180 full papers were received. The papers were received from India and abroad, mainly from the countries like Japan, Uganda, USA, Fiji, Bangladesh, and South Africa. The selected papers were published in three books as conference proceedings with ISBN number by Excel India Publications, New Delhi. The conference had total registrations of 100 delegates besides 32 faculty members and 36 students were

also registered to present papers in the conference. We also had a delegate from USA visiting the conference and 9 foreign students who registered to attend the conference only. In total 143 papers were presented by the participants in 27 track sessions organized over the period of three days. In addition to the inauguration and valedictory sessions, there were three plenary sessions delivered by reputed national and international speakers.

The conference was inaugurated on January 7, 2016. The inaugural session was addressed by the Guest of Honour, Mr. Ramakant Jha, CEO, Smart Cities, IL&FS and Ex. Chairman-GIFT, Gandhinagar, who shared his thoughts on how the aspirations of society grow with corresponding growth in various fields. He discussed on the coming up of smart cities and the thrust that it would provide in the overall development of the nation. The Chief Guest of the inaugural session, Prof. (Dr.) Ram Shankar Katheria, Hon'ble Minister of State for Human Resources Development, Government of India, shared his wisdom to the budding managers. The inaugural function was also graced by Padma Shri Dr Karsanbhai K Patel, President- Nirma University.

Anvesh

Annual Doctoral Conference in Management: Anvesh was held April 3-4, 2015 at Institute of Management, Nirma University. Dr Mukul Jain Sr. VP, Zydus Research Centre delivered the inaugural address. Dr Anup Singh, Director General, Nirma University and Dr S. Garimella, Director, IMNU also graced the occasion and addressed the participants. Two workshops were organized during the conference. First workshop titled "What a doctoral student should know" by Dr Sridhar Vaidianathan, IMT, Hyderabad and the second 'Research Designs' by Dr Vivek Suneja of FMS, Delhi. There were 11 tracks of paper presentations on Marketing; Human Resources Management; and Finance and Economics areas of management. Five research clinics were organized where one to one interaction of the twenty-three delegates was planned with experts. The conference received 104 abstracts, 64 full papers and was attended by 55 delegates and 48 paper presentations. The conference proceedings were published in form of two books titled "Research Trends in Economics, Finance and Marketing" and "Research Trends in General Management" with ISBN which contained 33 selected papers. The valedictory address was by Dr S. Garimella, Director, Institute of Management, Nirma University. Three prizes were given to the participants.

Seminar / Workshop / Programmes

Workshop on Managing Social Projects

IM-NU organized a one day workshop on October 9, 2015 to start and roll out its field course called 'Managing Social Projects' (MSP). The chief guest of the workshop was Shri Akhil Paul, Director, Sense International India. The other experts who shared their experience in the workshop were Ms. Parul Sheth, Trustee, Shaishav, Bhavnagar and Ms. Mittal Patel, Managing Trustee, VSSM, Ahmedabad.

Conclaves

Pravartan: The HR Conclave

The HR Conclave 2015 was organised by IM-NU on September 12, 2015. The theme of the conclave was "Make HR to 'Make in India'". The sub-themes of the conclave were 'Skill Building' and 'Harnessing Talent Pipelines'.

Dr Anup Singh, Director General, Nirma University presided over the inaugural function of the conclave. The inaugural function was chaired by Mr. H N Shrinivashan, Advisor, Tata Sons. The speakers of the conclave were Mr. Abhay Kapoor, HR Leader, Escorts Ltd.; Mr. Anish Philip, Associate Vice-President HR, Mindtree Technologies; Mr. Pankaj Pradeep, General Manager HR, Fiat India Ltd.; and Mr. Anuj Khanna, Head HR, FoodPanda.in. The valedictory session was chaired by Mr. Sadeep Tyagi, Director, HR, Samsung Electronics.

Prayojan: The Operations Conclave

The Operations Conclave- Prayojan 2015 was held on December 12, 2015 at the Institute. The theme of the conclave was 'Make in India-Opportunities and Challenges'. Eminent speakers from different industries shared their valuable experiences on latest trends used by companies to expand in the growing economies. The inaugural session was addressed by the chief guest during the conclave, Dr Himanshu Trivedi, Vice-President and Technical Plant Manager, Bosch Rexroth India Limited, Ahmedabad on 'Passion for Manufacturing Excellence- the Need for Make in India'. The other speakers were Mr. Dhruvil Sanghvi, CEO and Co-Founder, LogiNext; Mr. Manoj Karkhanis, Principal Consultant, Multiknack Consultancy Services, Mr. Alok Bhadauria, Senior Manager, Arvind Mills, Ahmedabad; and Mr. Vijay Sharma, Associate Vice-President and Head Operations, Hindustan Coca-Cola Beverages Pvt. Ltd, Ahmedabad.

Antarprerna: The Entrepreneurship Conclave

Antarprerna- 2016, the Entrepreneurship Conclave, was organized by Swayam Club on January 30, 2016. The theme for the conclave was Startup India, Standup India. The speaker for the inaugural session was Ms. Nandini Vaidyanathan, Founder CARMa Venture Services. The second session for the day was a talk show held with Mr. Nand Kishore Chaudhary, Chairman and MD, Jaipur Rugs. The third session of Antarprerna was a talk show with Mr. Nikunj Patel, Chairman and MD Dangee Dums hosted by Ms. Saloni Gandhi. The first post-lunch session was addressed by Mr. Gaurav Dahake, Founder and CEO Buy Hatke. The final and valedictory session of the day was addressed by Mr. Rohit Patel, President GCCI.

AAROHAN: The BBA Conclave

Adityavat, the co-curricular committee of the integrated BBA-MBA programme of Institute of Management, Nirma University organized Aarohan - Inculcate, Illumine, Inspire, a conclave themed Leadership and Team Building. The event took place on December 18-19, 2015. The two-day event witnessed eminent professionals imparting insights in the different themes - Leadership in corporate, social, entertainment, media, literature and sports. It was a highly enriching experience for the BBA students that gave them rich know-how about different Leadership aspects and team building tactics in the various industries and sectors.

The lectures delivered include 'Leadership and Team building in Entertainment Industry' by Mr. Tanmay Shah, Founder and CEO-Friday Fiction Films; 'Leadership and Team Building in Entertainment Industry' by Mr. Abhishek Jain, Filmmaker, Founder and Director-Cineman Productions Ltd.; 'Leadership and Team Building in Media' by Mr. Sanjay Chakraborty, Founder, EssKSee Consultancy; 'Leadership and Team Building in Social Sector' by Mr. Parth Vasavda, Co-Founder- YUVA Unstoppable; 'Leadership and Team Building in Literature' by Ms. Esther David, Author, Artist and Sculptor; 'Leadership and Team Building in Corporate' by Mr. Kumar Desai, founder, Omega Elevators; 'Leadership and Team Building in Corporate' by Mr. S. Shreekant, Vice President, Zydus Cadilla and 'Leadership and Team Building in Sports' by Mr. Parthiv Patel, Indian Cricketer.

Ayatana: The Marketing Conclave

The institute organized its annual marketing conclave: Ayatana on October 17, 2015 with the theme 'Marketing in India: Opportunities and Challenges'. The conclave was inaugurated by Mr. Kishore Chakraborty, Vice-President, McCann Erickson India. Other eminent speakers of the conclave were Ms. Debadutta Upadhyaya, Co-founder and CEO, Timesaverz Dotcom Private Limited; Mr. Prमित Ghosh, DGM, Advertising, Tata Teleservices Limited; Ms. Amandeep Kaur, Head-Marketing Communications, Myntra.com; Mr. Shalabh Saxena, Head- Brand and Marcom, Bajaj Auto Ltd. and Mr. Sanjay Sayani, Director, Corporate Communications, Branding and PR, DSK Group.

Arthoday: The Finance Conclave

IM-NU organised 'Arthoday'15: the Finance Conclave on October 10, 2015 on the theme 'Emerging Trends in Finance'. The conclave was inaugurated by Shri. P. C. Sahoo, Regional Director, RBI, Ahmedabad (Financial Inclusion and Effectiveness of Pradhanmantri Jan Dhan Yojana). The speakers

of the conclave comprised professionals from corporate finance field, capital market, banking sector, and consulting field such as Mr. Chetan A. Shah, Sr. Vice President, HDFC Bank Ltd.; Mr. Mukesh Gandhi, Co-founder and Director Finance, Mas Rural Housing And Mortgage Finance Limited; Mr. Prosenjit Kundu, Senior Vice-President and Treasury Head, TEOCO Corporation, USA; Mr. Mahendra Lodha, Vice President and Company Secretary, SIDBI Venture Capital Ltd.; Mr. Rakesh Valecha, Senior Director, Head-Corporate Rating India Ratings and Research Private Limited.

Prathidwani: The Alumni Conclave

Pratidhwani: the Alumni Conclave was held on February 6, 2016 on the theme ‘Change is the only constant’ with the objective to provide a platform to the alumni to share their experiences with the current students. The conclave was inaugurated by the marketing panel consisting of some of the most respected alumni namely: Ms. Meenu Bagla, Mr. Shobhit Bahel, and Mr. Mainak Banerjee. The second and third sessions were plenary sessions conducted by a panel consisting of alumni from the domain of finance. The panelists were Mr. Hasit Bhat, Mr. Parthiv Shah and Mr. Ankit Sharma. It started off with a presentation by Mr. Ankit Sharma showing the numbers depicting the changes in finance sector. Mr. Shah talked about the technology and revolution in banking sector which has enabled one to obtain car loan in thirty minutes. Ms. Priyanka Roy, Mr. Ashish Juneja and Mr. Suhas Sequeria also spoke on the occasion.

The fourth session was an entrepreneurship session and it consisted of panelists from the domain of entrepreneurship. The panel included Mr. Debasis Sahoo, Mr. Amit Mishra and Mr. Ankit Machhar. Mr. Sahoo started by defining entrepreneurship and highlighting the perks of being a successful entrepreneur. Mr. Mishra further added to the definition as an act to just identify problems and provide better solutions to it. Mr. Macchar addressed that ‘change’ and ‘entrepreneurship’ are one and the same thing. The panel then opened itself to the questions from audience addressing to the ‘Out of Box Thinking’, Start-up India Scenario, joining your family business and the basic do’s and don’ts for succeeding in their ventures.

I. Curricular Aspects

New Courses being offered: 37

A total of 37 new courses called as General Elective have been introduced in MBA (FT) programme during the academic year 2015-16. However, 22 courses were actually offered based on the students’ choices. The details of the courses actually offered are given below:

- Business Forecasting
- Indirect Taxation
- Introduction to Econometrics
- Personal Finance
- Personal Taxation
- Public Finance
- Green Business
- Managing Global Markets
- Markstart Simulation
- Social Media and Business
- Sports Management
- Conflict Management and Negotiations Skills
- Emotional Intelligence
- Presentation Skills
- Big Data Architecture and Applications
- Cyber Security
- E-Commerce: Opportunities and Challenges
- Fundamentals of Data Science and Decision Support
- Entrepreneurship-New Venture Creation
- Industry Analysis
- Innovation Management
- Managerial Implications of Globalization

New Interdisciplinary Courses

The Institute offered the Minor Specialization courses to the students of other faculties 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
 Finance Area: (1) Corporate Finance (2) Finance and Cost Accounting

University Electives:

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

No. of Courses where major revision is made

The number of courses where major revisions were made is as follows:

MBA (Full Time):	23 Courses
MBA (Family Business and Entrepreneurship):	21 Courses
BBA-MBA:	4 Courses

Any other Initiative/Innovation in Curricular Design

The Institute has brought innovation in the curricular design by introducing General Elective courses in the first year of MBA (FT) programme. The students get to choose six courses in the third term of the first year.

Besides, the curriculum was restructured to make it more robust. In the revised curriculum, second year curriculum consists of all elective courses only. Also general electives were introduced in the first year thereby making the curriculum more choice based and innovative.

Outcome based Education concept was further streamlined/strengthened. Rubrics have been made an integral part of the course outlines. Teaching is based more on case studies and contemporary happenings. Industry visits are also organized for practical exposures.

II. Teaching-Learning and Evaluation

Faculty completed/pursuing Ph.D.

No. of faculty pursuing Ph.D. (2015-16)		No. of Faculty completed Ph.D. (2015-16)	
Name of Faculty	Designation	Name of Faculty	Designation
Prof. Tripura Joshi	Assistant Professor	Prof. Nina Muncherji	Associate Professor
Prof. Khyati Shah	Assistant Professor	Prof. Parag Rijwani	Associate Professor
Prof. Naresh Poturaju*	Assistant Professor	Prof. Amola Bhatt#	Assistant Professor
Prof. Nirmal Soni*	Assistant Professor	Prof. Dhiren Jotwani	Assistant Professor
Prof. Nikunj Patel*	Assistant Professor		
Prof. Niyati Dave*	Assistant Professor		

* New faculty member joined in May 2015, and were pursuing Ph.D.

New faculty member joined in May 2015 and was pursuing her Ph.D. She has completed her Ph.D. in March 2016.

Innovation in Teaching - Learning and Evaluation

- Outcome based Education concept was further streamlined/strengthened. Rubrics have been made an integral part of the course outlines.
- Increased usage of Case Studies and Simulations in pedagogy.

Activities to sustain Healthy Practices

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

Number of Faculty Development Programmes availed by faculty

International Conference	National Conference	STTP/ Workshop/ Seminar/FDP
17	7	9

Number of Faculty Development Programmes organized by the Institute

Sr. No.	Topic	Coordinator/s	Dates	Duration	Nature of the Programme	No. of Participants
1	Case Method and Case Writing	Prof. S. Garimela	April 16-30, 2016	15 days	Long Term Programme	36
2	AOL	Prof. S. Garimela	October 1, 2015	½ day	Short Term Programme	38
3	Statistical Analysis Workshop	Prof. A C. Brahmhatt	November 27-28, 2015	2 ½ days	Short Term Programme	31
4	Consultancy Competency Workshop	Prof. Rajesh Kikani Prof. Anand Deo	March 23, 2016	1/2 day	Short Term Programme	25
5	Communication for Management Teachers Workshop	Prof. Harismita Trivedi	April 6, 2016	1 day	Short Term Programme	26
6	Econometrics	Prof. M. Mallikarjun	April 21-23, 2016	3 Days	Short Term Programme	7

Invited/Endowment Lectures

Sr. No.	Date	Name of the dignitary	Topic of Lecture
1	June 23, 2015	Dr Nils Hoffmann, R&D Hub Director Near East, Nivea India Pvt. Ltd	Inaugural address on MBA Orientation Programme
2	June 24, 2015	Mr. Anomitra Das, Regional HR Head, TCS Mr. Anish Baheti, Mind Trainer, Australia	Corporate Expectations from MBA Graduates
3	June 27, 2015	Sadhu Vivek Jivan Das Ji, BAPS, Shahi Bagh, Ahmedabad	Spiritual Discourse
4	July 1, 2015	Mr. Sandeep Engineer, Managing Director, Astral Pipes	Inaugural address on MBA (FB&E) Induction Programme
5	July 20, 2015	Mr. Samir Joshipura, Group CEO, Sintex Ltd.	Inaugural address on BBA Induction Programme
6	July 21, 2015	Mr. Ketan Gajjar, Director, Recruitment Services QX Ltd.	Corporate Expectations from Management Graduates
7	July 22, 2015	Mr. Bhavesh Upadhyay, Senior VP (HR), Intas Pharmaceuticals	Significance of CSR and its Learning for Management students
8	July 23, 2015	Mr. Sandeep Gajjar, CEO, Sneh World	Positive Attitude
9	July 24, 2015	Swami Nikhileshwaranandji	Spiritual Discourse on the Art of Mind Control
10	March 18, 2016	Mr. Krishnan Ganesh, Serial Entrepreneur	Start-ups

		Mrs. Meena Ganesh, CEO and MD, Portea Medical	
--	--	---	--

Non-Teaching Staff Development

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

Sr. No.	Name	Date	Organization	Programme
1	Ms. Monita Shastri	July 17, 2015	IIM, Ahmedabad	New Generation Library Spaces
2	Ms. Monita Shastri	December 2-4, 2015	IIM, Ahmedabad	Global Conference on Emerging Trends in Business Librarianship
3	Mr. Chirag Bhatt	December 2-4, 2015	IIM, Ahmedabad	Global Conference on Emerging Trends in Business Librarianship
4	Ms. Pragna Prajapati	December 2-4, 2015	IIM, Ahmedabad	Global Conference on Emerging Trends in Business Librarianship
5	Mr. Mihir Pandit,	January 21-23, 2016	Institute of Management, Nirma University,	Personality Development and Business Etiquettes
6	Mr. Harichandra	January 21-23, 2016	Institute of Management, Nirma University,	Personality Development and Business Etiquettes
7	Mr. Vishal Sutariya	January 21-23, 2016	Institute of Management, Nirma University,	Personality Development and Business Etiquettes
8	Mr. Krishan Kumar	January 8-23, 2016	Nirma University	Staff Development Programme
9	Mr. Biju Thomas	January 8-23, 2016	Nirma University	Staff Development Programme
10	Mr. Mahesh Solanki	January 8-23, 2016	Nirma University	Staff Development Programme
11	Mr. Jigar Barot	January 8-23, 2016	Nirma University	Staff Development Programme
12	Mr. Robin Joseph	January 8-23, 2016	Nirma University	Staff Development Programme
13	Ms. Gayatri Iyer	January 8-23, 2016	Nirma University	Staff Development Programme

III. Research, consultancy and Extension

Research Projects

Minor Research Project funded by Nirma University

Amount in Lacs

Financial Year	Completed		Ongoing		New (Ongoing/Sanctioned)	
	Number	Amount	Number	Amount	Number	Amount
2015-16	09*	0	-	-	05	1.91
2014-15	-	-	09	5.38	02	1.23

*Including projects dropped due to resignation of faculty members.

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

Amount in Lacs

Financial Year	National Conference		International Conference	
	Number of Teachers	Amount incurred	Number of Teachers	Amount incurred
2015-16	7	0.50	17	2.00
2014-15	20	2.12	-	-

Ongoing New Research Projects

Sr. No.	Investigator	Title	Duration	Amount in Rs.
1	Prof. Mahesh K. C. Prof. Dhiren Jotwani	Robust Methods for Income Distribution Models	12 Months	21000/-
2	Prof. Reena Shah	A Study of HR Practices and Issues in Gaglani Metal Industries in Ahmedabad	12 Months	17800/-
3	Dr Ashwini Awasthi Dr Sunita Guru	Needs and Barriers of Online Shopping – An Exploratory Study of Indian Shoppers	12 Months	34000/-
4	D. Sapna Choraria	Profiling Indian Inline Users to Determine their Usage Motive and Extend of Herd Behaviour	12 Months	45000/-
5	Prof. Nina Muncherji	Employee Work Passion : Creating a Motivating Work Environment	9 months	73000/-

Publication by Institute-International/National Conference Proceedings, Institute Journals, Dissertation Abstracts, Ph.D. Thesis, etc.

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
2015-16	29	-	-	17	-	-
2014-15	12	-	-	15	-	-

Research Publication by the Faculty Publication in National Journals

Sahir Bhatt (June 2015). “Assessing the Potential Barriers to M-Commerce Adoption in India”, Rajagiri Management Journal, 9 (1): 3-24. ISSN: 0972-9968.

Reena Shah (June 2015). “Work-life Balance and Gender- A study of Professional in India”, Review of Management, 5 (½):5-18. ISSN: 2231-0487.

Nityesh Bhatt (2015). “(In)Effectiveness of ERP at Pristine Packaging”, *ICTACT Journal on Management Studies*, 1(1): 26-29. ISSN: 2395-1664.

Sameer Pingle (July 2015). “Human Resource Practices in Family Owned Small and Medium Enterprises”, *Udyog Pragati - The Journal of Practicing Managers*, 39 (3):14-23. ISSN: 0970-3365

Sameer Pingle “Personality Traits and Teaching Style of Management Teachers: An Empirical Study”, *Contemporary Management Research*, 39 (3): 14-23. ISSN: 0970-3365

Sameer Pingle (July 2015). “Organizational Impact of Psychological Contract: An Empirical Study”, *Review of Management, Management Development Research Foundation*, V (1/ 2). ISSN: 2231-0487.

Sapna Parashar (July 2015). “Private Label Brands in Lifestyle Retailing”, *International Journal of Retailing and Rural Business Perspectives*, 4(3): 1692-1701. ISSN: 2279-0934

Sapna Parashar (July 2015). “Television Connectedness: A Comparative Study of Television Programmes”, *International Journal of Applied Services Marketing Perspectives*, 4(3): 1737-1746. ISSN: 2279-0977.

Pawan Chugan (July 2015). “Identifying the Drivers for Adoption of RFID Technology: A Study of Manufacturing Organizations”, *International Journal of Information Technology and Computer Sciences Perspectives*, 4(3): 1635-1642. ISSN: 2319-9016.

Pawan Chugan (July 2015). “The Influence of Consumer Perception Towards Green Advertising on Green Purchase Intention”, *International Journal of Entrepreneurship & Business Environment Perspectives*, 4(3): 1865-1873. ISSN: 2279-0918.

Sameer Pingle (October 2015). “Employee Grievance Handling for Ambulance Staff at GVKEMRI Gujarat”, *Indian Journal of Industrial Relations*, 51(2): 254-266. ISSN: 0019-5286.

Sapna Choraria (September 2015). “Managing Emotional Connect between Front-Line Employee and Customers”, *Pacific Business Review International*, 8(5). ISSN: 0974-438X.

Sapna Choraria (November 2015). “Being Socially Confident: Factors Affecting User’s Participatory Intention”, *ELK Asia Pacific Journal of Marketing and Retail Management*, 6(4). ISSN: 2349-2317.

Nikunj Patel (December 2015). “Social Impacts of Micro-Finance on Women Self Help Group Members: An Empirical Study of North Gujarat (India)”, *IIMS Journal of Management Science*, 6 (3): 259-266. ISSN: 0976-173X.

Niyati Dave (October 2015). “MIT Theory and Its Implication in Higher Education”, *Journal of Horizons of Holistic Education*, 2: 270-277. ISSN: 2349-9133.

Jotwani Dhiren (December 2015). “Financial Market Structure and its impact on Economic Growth”, *Srusti Management Review*, 8(2). ISSN: 0974-4274.

Amola Bhatt (February 2016). “Aligning the Goals of Teaching-Learning Business Ethics”, *Sankalpa: Journal of Management and Research*, 6. ISSN: 2231-1904.

Amola Bhatt (January 2016). “Microfinance Institutions: Do They Empower Women? A Case Study of Light Microfinance Pvt. Ltd.”, *NMIMS Management Review*, XXVIII: 73-92. ISSN: 0971-1023.

Sameer Pingle (March 2016). “External Employer Attractiveness among Management Students Emerging Challenges in HR”, *VUCA Perspective, New Delhi*, 138-150. ISSN: 978-0-9926800-8-4

Shahir Bhatt (March 2016). “Entrepreneurship Education: A Comparative Study of Literature”, *The IUP Journal of Entrepreneurship Development*, 7-32. ISSN: 0973-2659.

Nityesh Bhatt (July 2015). “(In) Effectiveness of ERP at Pristine Packaging”, *ICTACT Journal on Management Studies*, 26-29. ISSN: 2395-1664.

Sameer Pingle (July 2015). “Learning to Relearn: Need for CPHCL”, *Case Centre, UK*. Case No.-415-048-1.

Nina Muncherji (August 2015). “Delicious Biscuits Pvt. Ltd.”, *ECCH, Ref. 415-107-1 / 8*.

Sameer Pingle (September 2015). “Sense International (India)-A Beacon of Hope for the Differently Abled Individuals”, *Management 3.00: A Case Study Approach*. ISSN: 978-81-924315

Nityesh Bhatt (September 2015). “ERP Evolution at Asian Granito India Ltd.”, *Indian Institute of Management, Ahmedabad. (IIMA/CISG0129/TN)*

- Reena Shah** (September 2015). “Mentoring-A Tool to Support Young People”, Case Centre, UK. Case No.-415-048-1. (Ref.415-125-1/ 8)
- Anamika Sinha** (2015). “Training Delivery Faux Paus: A Note from A Trainer’s Diary with Teaching Note”, IIMA Case Publication, EMIR-0230.
- Sameer Pingle** (2015). “Manya’s Appraisal Case and Teaching Note”, The Case Centre, UK, Case No.-415-013-08.
- Anamika Sinha** (2015). “Addrec Solutions : Building Organizational Capabilities for Growth : A Case Study”, Harvard Business Review Case, Ivey Publishing, Canada, Case No.- 9B14M124

Publications in International Journals

- Rajesh Jain** (May 2015). “A Study of Quality Practices of Manufacturing Industries in Gujarat”, *Procedia - Social and Behavioral Sciences*, 189: 320-334. ISSN 18770428.
- Anamika Sinha** (2015). “People First: Formalization of HRM in MSMEs of Gujarat, India”, *European Journal of Business and Management*, 7 (10): ISSN: 2222-1905.
- Parag Rijwani** (January 2015). “Investment Performance of Stocks and their Price-Earnings Ratio: A Test of Efficient Market Hypothesis”, *Journal of Banking, Information Technology and Management*, 12(1): 60-68. ISSN: 0972-902X.
- Pawan Chugan** (April 2015). “Visual Merchandising and Purchasing Behavior for High Involvement Products: A Study of Electronics Outlets”, *International Journal of Logistics and Supply Chain Management Perspectives*, 4 (2): 1634-1654. ISSN: 2319-9032.
- Pawan Chugan** (June 2015). “Green HRM in Pursuit of Environmentally Sustainable Business”, *Universal Journal of Industrial and Business Management*, 3 (3): 74-81. ISSN 2332-3310.
- Sameer Pingle** (July 2015). “Missing Links in Performance Appraisal: A Conceptual Study” *International Journal of Advanced Research in Management and Social Sciences*, 6, 160-177. ISSN: 2278-6236.
- Monali Chatterjee** (July 2015). “Readiness is All: The Significance of Placement Training in the Present Day”, *Interactions: An International Journal of Humanities and Social Sciences*, II (IV). ISSN 2347-2081.
- Ashwini Awasthi** (July 2015). “Effectiveness of Celebrity Endorsement Advertisements: The Role of Customer Imitation Behaviour”, *Journal of Creative Communications*, 10 (2): 215-234.
- Rajesh Jain** (September 2015). “Measuring Website Quality of the Indian Railways”, *International Journal of Entrepreneurial Knowledge*, 3(1): 57-64. ISSN: 2336-2952.
- V.V. Nath** (September 2015). “Implementation of Digital Image Watermarking with the Comparison between Least Significant Bit and Discrete Cosine Transform Method”, *International Journal of Trend in Research and Development*, 2(5). ISSN: 2394-9333.
- Sameer Pingle** (2015). “Healthcare Globe Enterprise Limited”, *IOSR Journal of Business and Management*, 3:47-56. ISSN: 2319-7668.
- Nikunj Patel** (October, 2015). “Calendar Anomalies: A Survey of the Literature”, *International Journal of Behavioural Accounting and Finance*, 5(2): 99-121. ISSN 1753-1969.
- Pawan Chugan** (November 2015). “Export Commitment and its Impact on Firm-level Export Performance: Evidence from SMEs Cluster of Ahmedabad, India”, *Journal of Behavioural Economics, Finance, Entrepreneurship, Accounting and Transport*, 3(3): 90-95. ISSN: 2376-1326.
- Rajesh Jain** (December 2015). “A Study of Service Quality of Blood Banks”, *International Journal for Quality Research*, 9(4): 621-642. ISSN 1800-6450.
- V.V. Nath** (November 2015). “Comprehensive Study of Contemporary Image forgery Identification Techniques”, *International Journal of Computer Science and Information Technologies*, 6(6): 5413-5416. ISSN: 0975-9646.
- Monali Chatterjee** (December 2015). “Using Flipped Classroom in Indian Management Education: An Exploration of Faculty Perceptions”, *Global Journal of Research in Management*, 5(2). ISSN: 2319-8915.

Rajesh Jain (March 2016). “Creating Intellectual Capital: A Role of Human Capital”, International Journal of Knowledge Management and Practices, 4 (1):33-42. ISSN: 2320-7523.

Citation Index of Faculty Member and Impact Factor: Data not available

National Journals – Refereed Papers: 29

International Conference, National Conference/Seminar including abstracts: 17

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

Books published

Deepak K. Srivastava, Pawan K.Chugan, Nirmal C Soni, Nikunj Patel (January 2016). “Macro and Micro Dynamics for Empowering Trade and Industry in Society”, Excel India Publishers. ISBN: 978-93-85777-07-3.

Pawan K.Chugan, Deepak K. Srivastava, Nikunj Patel, Nirmal C. Soni (January 2016). “New Age Ecosystem for Empowering Trade, Industry and Society”, Excel India Publishers. ISBN: 978-93-85777-08-0.

Pawan K.Chugan, Deepak K. Srivastava, Nikunj Patel, Nirmal C. Soni (January 2016). “Interdisciplinary Issues for Empowering Trade, Industry and Society”, Excel India Publishers. ISBN: 978-93-85777-06-6.

Chapter in Books

The Institute’s faculty members wrote 52 Chapters in Books during the year.

Ongoing Research Collaboration/New Collaboration: Nil

Awards and Recognitions (Institute/Department/Faculty)

Faculty Achievements

- **Amola Bhatt and Dr Shahir Bhatt** - Best Paper Award - A Study of Personal Financial Planning Process and Socio-Economic Decision Making in Households. Empowering Trade, Industry and Society in Challenging and Competitive Environment - 19th Nirma International Conference on Management, Nirma University, Gujarat (January 2016).
- **Amola Bhatt and Dr Shahir Bhatt** - Best Paper Award - Aligning the Goals of Teaching-Learning Business Ethics. Impact of Business Ethics, Governance and CSR on Society - 5th International Conference organized by Gujarat Technological University in collaboration with CKSVIM, Baroda. (February 2016)

Faculty Recognitions

Ph. D. Awarded

- **Prof. Dhiren Jotwani** awarded PhD for his thesis titled “Economic Growth and Financial Sector Development in India” in Nirma University convocation in December 2015.
- **Prof. Deepak K. Srivastava** has been nominated as AICTE representative member on the Board of Governors (BoG) of Indian Institute of Management (IIM), Ranchi.
- **Prof. Deepak K. Srivastava** has been nominated as member to the Academic Council of the Sikkim Central University.
- **Prof. Deepak K. Srivastava** has been re-appointed as editorial board member of Asian Journal of Case Research.
- **Prof. Deepak K. Srivastava** has been nominated a member of NAAC peer team visit.
- **Prof. Nina Muncherji** was awarded her Ph.D. in Management from Kadi Sarva Vishwavidyalaya in December 2015, on the topic “A Study of Stress in Performance Review Process in Public & Private Sector Banks in India.”

Internal Resources Generated

Management Development Programme (In -House) 2015-16

Sr. No.	Name of the Programme	Date	Programme Leader	Participants	Amount
1	Dealer Development Programme- For Indian Oil Corporation Ltd.	July 21 - 22, 2015	Prof. Nityesh Bhatt	30	3,00,000
2	Dealer Development Programme For Indian Oil Corporation Ltd.	August 13-14, 2015	Prof. Nityesh Bhatt	21	2,10,000
3	Dealer Development Programme For Indian Oil Corporation Ltd.	September 3-4, 2015	Prof. Nityesh Bhatt	21	2,10,000
4	Dealer Development Programme For Indian Oil Corporation Ltd.	October 20-21, 2015	Prof. Nityesh Bhatt	20	2,00,000
5	Dealer Development Programme For Indian Oil Corporation Ltd.	January 5-6, 2016	Prof. Nityesh Bhatt	20	2,00,000

Management Development Programme (Open) 2015-16

Sr. No.	Name of the Programme	Date	Programme Leader	Participants	Amount
1	Developing HR Proficiencies: A Workshop for HR Executives	September 10-12, 2015	Prof. Sameer Pingle	06	74,770
2	Managerial Skills for Supervisory personnel	October 5-7, 2015	Prof. Sapna Parashar	10	75,850
3	Effective Communication for Higher Performance	October 8-10, 2015	Prof. Nityesh Bhatt	19	2,11,490
4	Personality Development and Business Etiquette	January 21-23, 2016	Prof. Nina Muncherji	08	48,092
5.	Organizational Integration Through Effective Teams	February 22-24, 2016	Prof. Nina Muncherji	13	1,32,253

Executive Diploma Programme 2015-16

Sr. No.	Name of the Programme	Date	Programme Leader	Participants	Amount
1	Adani Diploma Programme	June 2015 to October 2016	Prof. Tripura Joshi Prof. Parag Rijwani	12	49.90 Lacs

Revenue Generated in:**Amount in Lacs**

Financial Year	Consultancy	Training
2015-16	1.55**	30.37*
2014-15	14.21	1.26

* 2015-16 training includes MDP (in-house and open) and EDP

** Including 14.5% Tax.

Extension Activities/Community services by Institute/Department**Managing Social Projects**

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

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

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

Linkages with National/International Academic/Research Bodies

The Institute has understanding with HOF University, Germany for faculty exchange. In that, one of our faculty members- Prof. Sameer Pingle went to teach at HOF University during the period from October 21, 2015 to November 9, 2015.

IV. Infrastructure and Learning Resources

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

Item	Quantity
LCD Projector	04
PA system	03 (Sets)
Collar-mikes	06
Camera	01

Computer Facilities Added**Computer Centre**

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

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 the institute community to the outside world.

Infrastructure

The Wi-Fi network connectivity in all classrooms were completed, During the year, the total Internet bandwidth for campus users has been increased from 128 Mbps to 256 Mbps. 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 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 (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 in Rs.	No.	Cost	No.	Cost in Rs.	No.	Cost in Rs.
1.	1133	14,99,818.00	53	1,47,907.00	237	10,23,850.00	15,162	34,02,953.00

- Laboratory facilities: major additions : Not Applicable
- Increase in Central Facilities, health services, sports facilities: No new facilities added.
- Civil work in progress/completed in this year: The details may be obtained from the Estate Office.

V. Student Support and Progression

Cut-off percentage marks – category wise

The data related to admissions 2015-16 pertaining to various academic programmes are presented below:

Sr. No.	Name of Programme/s	No. of Applications Received	Appeared in Written Test	No. of Candidates Short listed for GD/PI	No. of Candidates Appeared in GD/PI	No. of Candidates Registered for the Programme
1	MBA (Full-Time)	2978	2978	1250	874	209 (General) 25(NRI) 7 (Gulf)
2	MBA (FB&E)	122	110	108	95	64
3	BBA-MBA	1042	948	376	241	88 (All India) 15 (Gulf) 18 (NRI)
4	DPM- UGC NET	41	9	9	3	0
5	DPM- Entrance		32	24	18	5

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

Students Graduated Data in April 2015

Sr. No.	Name of the Programme	No. of Students awarded degree in Convocation
1	MBA (Full-Time)	177
2	MBA (FB&E)	80
3	MBA (Part-Time)	7

Students' Achievements

MBA (FT)

Sr. No.	Name of the Student(s)	Program Enrolled	Date of the Event	Name of the Competition	Nature/ Type of Competition	Name and Address of Organizing Institute	Position Secured
1	Prasad Joshi	MBA-Full Time	December 21, 2015	The Consultant	Management	JSW Steel plant, VJTI, Mumbai	First Prize
2	Govinda Jakhota	MBA-Full Time	December 21, 2015	The consultant	Management	JSWsteel plant, VJTI, Mumbai	Prize of Rs. 10,000
3	Vinamra Kumar	MBA-Full Time	January 7-9, 2016	PR Conflux	Other	IBS Mumbai	Best Actor Award
4	Vijay Premani	MBA-Full Time	February 5-7, 2016	Tatva	Management	LBSIM	First Prize
5	Sajni Choksi	MBA-Full Time	February 5-7, 2016	Tatva	Management	LBSIM	First Prize
6	Prasad Joshi	MBA-Full Time	February 5-7, 2016	Zeal, Tatva 2016	Management	LBSIM, Delhi	Second Prize
7	Ritika Sidharth	MBA-Full Time	February 5-7, 2016	Zeal, Tatva 2016	Management	LBSIM, Delhi	Prize Rs. 7,000

In addition, 73 students of MBA (FT) programme participated in various competitive events.

MBA (FB&E)

Sr. No.	Name of the Student	Program Enrolled	Date of the Event	Name of the Competition	Nature/ Type of Competition	Name & Address of organizing Institute
1	Gaurav Genda	MBA (FB&E)	November 28-29, 2015	IIM A	Other	IIM A
2	Ankur Prajapat	MBA (FB&E)	November 28-29, 2015	Mastermind 2015	Other	IIM A
3	Khevana Shah	MBA (FB&E)	January 7-9, 2016	PR Conflux	Other	IBS Mumbai
4	Divya Patel	MBA (FB&E)	January 7-9, 2016	PR Conflux	Other	IBS Mumbai
5	Vatsal soni	MBA (FB&E)	February 5-7, 2016	Tatva	Management	LBSIM
6	Ankur Prajapat	MBA (FB&E)	November 27-29, 2015	Masterplan 2015	Other	IIM A and CIIE

Value Added Courses

Enrichment /Value Added Programmes conducted by the Institute for MBA (Programmes)

Certification Programmes Conducted

Sr. No.	Name of Workshop	Date of Certification Programme	Name of Trainer / Firm
1	Lean Green Belt Six Sigma Certification in collaboration	January 31; February 1,7, 8 2016	KPMG
2	Certification Programme in Big Data Analytics	January 1, 13, 15, 16, 17, 18, 20, 22, 25, 2016	Capgemini
3	Markstat	January-February 2016	Prof. Jayesh Aagja Prof. Ashwini Awasthi Prof. Sanjay Jain Prof. P.K. Yadav

Sr. No.	Name of Workshop	Date of Workshop	Name of Trainer / Firm
1	Emotional Intelligence for Professional Competence	July 28-29, 2015	Prof. Karunesh Sinha
2	Team Building	July 29-30, 2015	Ms. Dhruv Vijay Premani, Nilson
3	Preparing for VUCA Marathon (MBA-FT II)	July 27, 2015	Mr. Subrat Kumar (CINQUE EDUCATION)
4	Personal Income Tax	July 29, 2015	Resource Person - Mr. Jigar Patel, Practicing C.A.
5	Entrepreneurship and New Venture Creation	July 31- August 1, 2015	Mr. V. Padmanand
6	Communication Skills	September 5-6, 2015	Ms. Rama Moondra, Soft Skills Trainer
7	Image Consulting and Business Etiquettes	September 24, 2015	Mr. Shorab Negi and Ms. Supreeti Negi
8	Mock Personal Interviews for MBA (FT)-II students	October 3, 2015	Panel I : Prof Deepak Danak and Prof. Nikunj Patel Panel 2 : Prof. Shantanu Mehta and Prof. Bindi Mehta Panel 3 : Prof. Pagar Rijwani and Prof. V. V. Nath
9	Mock Interviews and feedback session for unplaced students of MBA II-FT	January 2-4, 2016	Maprosys (Resource person from industry)
10	Mock Interviews and feedback session for students of MBA I-FT	January 5-13, 2016	Maprosys (Resource person from industry)
11	Brain Mapping and Interviewing Skills (MBA-FT I)	March 2016	Mr. Anish Baheti, Mind Mapping
12	Design Thinking	March 4-5, 2016	Xplora Design Skool (Mr. Rohit Swarup)

No. of Co-curricular activities organized

EVENTS

Tantrums

The event “Tantrums-Time to Outbreak” by Finesse Club started was organized on September 30, 2015. First round was to test the basic knowledge of the students. Each round was a screening round. In second round, they tried to check the top 12 teams’ team co-ordination. For that they have arranged kind of a Treasure hunt in which the teams were supposed to be given 4 different locations from where they need to collect the different products’ coupons in which price & profit from that product were quoted. Within the budget constraint, top performed 6 teams were qualified for the Finale.

Finale was based on the Stock Exchange-Stock Game. The participants were given previous day stock price and the present day news related to stock market. Based on this, they were supposed to quote the present day closing price of respective stock. Prizes were given to top 3 teams.

Deep Pocket

The Finesse Club organized this event on October 30, 2015. First round was a screening round which consisted of Sudoku and puzzles. Second round ‘FinCharades’ was designed to test the co-ordination among the team members and the final round was to present a business idea. This was judged by Prof. Nikunj Patel.

Student Clubs in the Institutes/University- Activities

Clubs

Various clubs at the Institute fulfill 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 and 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 the institute organized various sports activities during the year such as:

- Ice Breaking Tournament
- Slam dunk '15- Inter Section Basketball tournament
- Copa '15- Inter Section Football event for Boys
- Parakram '15- National Level Sports Tournament
- Smashes '15- Inter Section Cricket event for Girls
- Cric8 '15- Inter Section Cricket event for Boys
- NCL '16- Inter Section Sports Event

Youth Welfare and Cultural Activities

SPIC-MACAY Collaborative Events

IMNU is a member of the Spic-Macay Ahmedabad Chapter. Spic-Macay is the society for promotion of classical Music and Culture amongst youth. We had Pt. Shiv Kumar Sharma for Santoor Recital,

Manipuri Performance by Darshana Zaveri, Performance by Pandit Vishwa Mohan Bhatt, to name a few.

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)
Mid Night Mania	July 4, 2015	Xquizit - The Quiz Club	Intra-Institute	75	1)Ankit Goyal 2) Abhishek Saini 3)Akshay Morbiya
The Showdown	25-08-2015	Expressions Club	Inter-Section	200	Section-C (2015-17)
SlamDunk '15 Inter Class Basketball ball tournament	17th August to 21st August 2015	Sports Committee	Intra-Institute	160	Winners of Slam Dunk '15 from boys - Stallions and from Girls - Awaabz
Jam session	25/8/2015	Fiesta - The Music & Dance Club	Intra-Institute	150	N.A.
Talent Night - "Aayaam"	23-Aug-2015	Cultural Committee	Intra-Institute	600	
Janmashtami - "Gokul Utsav"	05-Sep-2015	Cultural Committee	Intra-Institute	600	
Teachers Day - "MargDarshak"	07-Sep-2015	Cultural Committee	Intra-Institute	500	
Jam session	19/07/2015	Fiesta - The Music & Dance Club	Intra-Institute	-	-
ONCE UPON A TIME (CLUB SUMANTRA)	18/08/2015	Sumantra – The Book Club	Intra-Institute	44	Winner: Story Tellers: Tanoy Chowdhury , Durgaprasad Mishra
Ganesh Puja - "Chaturthi Chaturbhujam"	23-Sep-2015	Cultural Committee	Intra-Institute	600	
Anveshan 3.0	25th August and 2nd September	Xquizit - The Quiz Club	Intra-Institute	106	Satish Roy and Archit Mishra (Winners)
SLAM DUNK 15	17th August to 21st August 2015	Sports Committee	Intra-Institute	160	Winners Boys: Stallions (Senior C) Winners Girls: Nawaabz (Senior FB)

COPA '15	1st September - 4th September 2015	Sports Committee	Intra-Institute	150	Winners: Nawaabz (Senior FB)
Ice Breaking Tournament 2015	10th- 12th July, 2015	Sports Committee	Intra-Institute	162	GAME : Football WINNER : Seniors
Tatva 2.0	8th September, 2015	News Junction	Intra-Institute	16 teams of 2 members each	Winners: Kritik Rohra and Ritvik Srivastava
Ice Breaking Tournament	10th July- 12th July 2015	Sports Committee	Inter B-School	162	Football: Seniors Lawn Tennis: Beacons Volleyball: Nawaabs Throw Ball: Beacons Table Tennis: Achilleans Athletics: Boys- Aakash Z Girls- Saloni Gandhi
Filmy Akhada	20/07/15	Chehre - Drama Club	Intra-Institute	222	Team Name: Tumse Na Ho Payega (Saumil Shah, Parth Sanghai, Hiren Goyal)
Aayam: Talent Night	23/08/15	Chehre - Drama Club	Intra-Institute	NA	NA
Alumni Day	3/10/15	Chehre - Drama Club	Performance	NA	NA
Shutterbug	7/09/2015	Pratikriti (Photography Club)	Intra-Institute	50	Saloni Gandhi and Parita Galani
Spic Macay	09/10/2015	Fiesta - The Music & Dance Club	University Level	150	-
IMNU Ice-breaker Event	20/08/2015	BBA Extra-Curricular Activity Club	Intra-Institute	70	Team red in Basketball and team blue in Volleyball
Biz – Quiz	13 October, 2015	Xquizit - The Quiz Club	Intra-Institute	40 students (20 teams)	1) Shailesh Soni , Shailja Singh 2) Debadatta Ratha , Rahul 3) Sahil K , Prabhakar

PARAKRAM '15	09-10-2015 TO 11-10-2015	Sports Committee	Inter B-School	270	Overall Winner: IMNU
Rangeelo Raas (Navratri)	15/10/2015	Cultural Committee	Intra-Institute	600	Best Dance (Boy): Himanshu Patel Best Dance (Girl): Bhavisha Patel Best Dress (Girl): Manali Best Dress (Boy): Arpit
Finding Funny	26th – 27th October, 2015	Chehre - Drama Club	Intra-Institute	100	Team- Chacha Chowdhary
Finding Funny	26th – 27th October, 2015	Chehre - Drama Club	Intra-Institute	100	Team- Chacha Chowdhary
ROOMIES	29-10-2015	Expressions Club	Intra-Institute	100	BOYS- Himanshu, - Arpit Kothari GIRLS- Esha Sehgan Vaishali Chouhan
Cric8 '15	25/11/15-29/11/15	Sports Committee	Intra-Institute	140	Nawaabz (Senior FB)
Smashes '15	25/11/15-29/11/15	Sports Committee	Intra-Institute	50	Stallions (Senior FT-Sec C)
Cricket and dodgeball Competition	11 and 12 January 2016	Sports Committee	Intra-Institute	80	

The Da Vinci Code

“The Da Vinci Code”, a fun event was organized by Club Sumantra on 28th October 2015. 20 teams (of 2 members each) participated. It had two rounds -a Crossword Puzzle and an Audio Round. The Crossword Puzzle consisted of clues related to books and movies which are adaptation of books. This was an elimination round. Out of 20 teams 11 qualified for the next round. For the Audio Round background music and dialogues of famous movies were played. The participants were to recognize the movie and the book on which the movie was based. The two top teams were declared the winners.

BIZ-QUIZ

BIZ-QUIZ (Business quiz) was the 3rd event organized by the club XQuizIT. This event was conducted intra-institute. This event was organized in offline format. Total 20 teams participated (each team consists of two members) in prelims rounds 1 and 2 which are written questionnaire. The first round of prelims contained questions on company/brands taglines and various authors. The second round of prelims contained bifurcation of given companies into industry sector. Both the prelim rounds were played by all participants. 6 teams were selected for final round. Out of 6 teams, three teams were declared winner at the end of final round.

Roomies

On October 29 2015, Expressions, the Fun Club of IMNU organized its 3rd calendar event of the year – Roomies. It was a three-round event for the title of Best Roomies. The first round of the event was an online one requiring the participants to make collages of them which include both roommates in the pictures. The second round saw the participants make bridges out of a limited number of newspapers. The third round of Roomies had the participants involved in several sack races and its variants with

different constraints. The winners of the event were Himanshu Tyagi , Arpit Kothari, Vaishali Chauhan and Esha Segan.

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 t 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'. It is

- Incentives to outstanding sports person : As per the University Norms
- Number of students who have passed the following examinations (exams as applicable to respective institutes like: NET, SLET, CAT, TOFEL, GRE, G-MAT, IELTS, GATE, GPAT, ICMR) : Data not maintained

Alumni Association: Activities Supporting Students

Alumni Meets

Alumni meets were conducted simultaneously in Mumbai, Delhi and Bangalore on 18th October, 2015 which was attended by faculty, officers and senior alumni.

Proposal for Alumni Chapters - Association formed in Ahmedabad, other 3 cities has been announced in Alumni Meet.

Admissions

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

The following alumni had involved as a panel member for Admission Interviews during March and May 2016:

Sr. No.	Name	Name of Organization	Designation
1	Nihar Parikh	ConvergeSol, India	Director Business Development
2	Pramesh Parikh	AON Global Insurance Brokers Pvt. Ltd.	Vice President
3	Amol Bhagwati	Inspiron Engineering Private Limited (IEPL)	Managing Director
4	Nishit Modi	Family Business	Director
5	Sharad Kumar	Disha Fincare	COO - Liability Banking - West Zone
6	Rohit Swarup	Xplora Design Skool	Founder and Director
7	Tinu Sukhadia	Inverion Technologies Ltd	E-Learning
8	Sapan Oza	Tata Consultancy Services Ltd.	Business Development Manager
9	Parthiv Jhaveri	Retail Venture - SAMSUNG PLAZA -	Owner
10	Keyur Jhatal	Ishan Infotech	Executive Director
11	Prabhathi Vijh	Tata AIG General Insurance Company Ltd.	Zonal Urnderwriter
12	Sabuj Kr. Nag	Star Health & Allied Insurance Company Ltd.	Senior Branch Manager

13	Maneesh Sharma	IBM India Pvt. Ltd.	Advisory Consultant
14	Hrishikesh Deshmukh	Castrol	Group Brand Manager - CRB
15	Dharmendra Surana	Corporate Liason & Advisory Services	Head - Corporate Finance
16	Aashish Juneja	Oracle India Pvt. Ltd.	Cloud Evangelist, Persuasion Artist
17	Sandeep Nair	Syngene International	Head Corporate Communications
18	Ashish Bhatia	Accenture Strategy	Technology Strategy Lead
19	Gunjan Yogendra	Genpect LLC	Senior Manager
20	Malikarjun Yarabolu Reddy	Aditya Birla Group	Asst. Vice President and Head Sales, Peter England Brand
21	Kunal Samir Mehta	IBM	Portfolio Marketing Manager
22	Charul Mohta	CGI	Lead Business Analyst
23	Sandeep Nema	Zensar Technologies	Sr. Product Specialist,
24	Abhishek Sharma	Knight Frank	Head - South India - Retail

Institute Lecture Series (Alumni)

Sr. No.	Name of Expert, Designation and Organization	Topic	Date
1	Mr. Rohit Swarup, Founder Director, Xplora Design Skool and Futurz Xplored	21st Century Managers: Design Thinkers & Innovators!	December 11, 2015
2	Mr. Ashish Bhatia, Technology Strategy Leader, Accenture Strategy	Recent Trends in the IT Industry and Opportunities for MBAs	December 11, 2015
3	Mr. Sachinder Bhinder, Executive Vice President, Business Head - Home Finance, Product and Cross Sell Head – Secured Assets , Kotak Mahindra Bank	What Corporate Expects from MBA	January 23, 2016
4	Mr. Shobhit Bahel, Marketing Manager, Petronas Lubricants Pvt. Ltd.	Change is the only Constant	February 6, 2016
5	Mr. Mainak Banerjee, National Relationship Manager, Bajaj Allianz General Insurance Company Limited	Change is the only Constant	February 6, 2016
6	Ms. Meenu Bagla, VP Marketing, Quinnox Inc.	Change is the only Constant	February 6, 2016
7	Mr. Hasit Bhatt, VP Finance, Madhav Corp	Change is the only Constant	February 6, 2016
8	Mr. Parthiv Shah, DVP, HDFC Bank	Change is the only Constant	February 6, 2016
9	Mr. Ankit Sharma, Associate Director, Grant Thornton India LLP	Change is the only Constant	February 6, 2016

10	Mr. Aashish Juneja, General Manager-Application Sales, Oracle India Pvt. Ltd.	Change is the only Constant	February 6, 2016
11	Ms. Priyanka Roy, HR Manager, KPIT Technologies	Change is the only Constant	February 6, 2016
12	Mr. Suhas Sequeira, Sr. HR Consultant, Northern Trust Corporation	Change is the only Constant	February 6, 2016
13	Mr. Debasis Sahoo, Founder & Director, Playbook Consultancy	Change is the only Constant	February 6, 2016
14	Mr. Amit Mishra, Co-Founder, SchoolSaamaan.com	Change is the only Constant	February 6, 2016
15	Mr. Ankit Machhar, Associate Program Coordinator, iCreate	Change is the only Constant	February 6, 2016
16	Mr. Abbey Thomas Associate Director - Sales Kellogg's India	Learnings from the Corporate Life	February 6, 2016
17	Mr. Nihar Parikh Director- Business Development ConvergeSol	Digital Marketing	August 22, 2015
18	Mr. Harry Jose Marketing Head Infosys BPO	Digital Marketing	September 9, 2015
19	Mr. Divyanshu Shekhar National Sales Manager Commonfloor	Indian Startup Ecosystem	September 11, 2015

Placements

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

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

Placements: Counseling and Training

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

Faculty Guidance and 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 the entire faculty team in the counseling process. The main purpose of mentoring is to provide opportunity to

young people to share their concerns and get moral support and guidance for their overall development. It involves the following:

- Establishing a relationship of trust
- Modeling behavioral norms for the young person
- Listening to personal and job concerns of the young persons
- Sharing own relevant experiences thereby making up for experience
- Responding to the emotional needs of the young person without making him dependent on the mentor
- Building a long lasting informal relationship
- Creating awareness and clear perception on managerial behavior and social work culture

Placement Services

Final Placements-Batch 2014-16

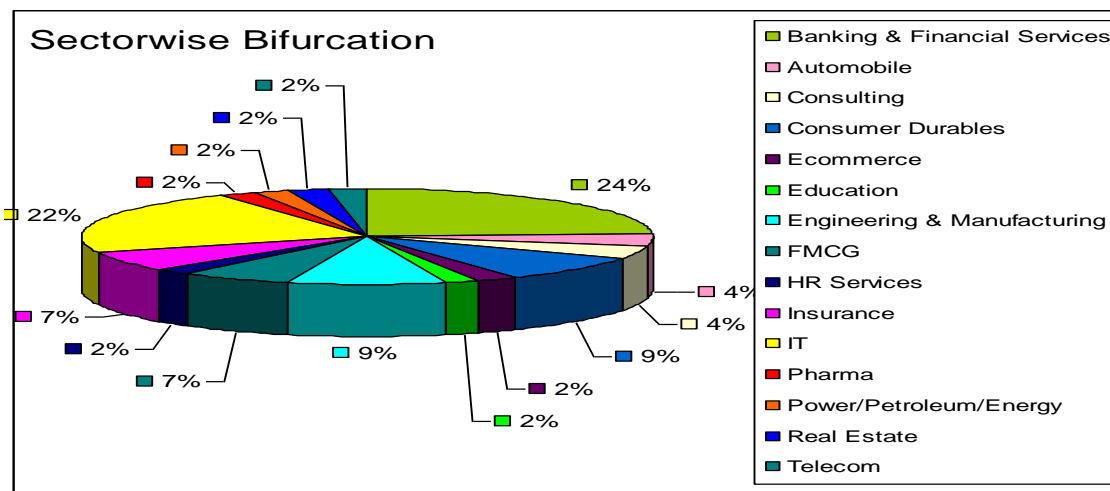
Placement Update

With the onset of placement season this year in October, the institute experienced an impressive start to the campus process with over 62 recruiters visiting the institute. 215 students have been placed and some of the regular recruiters who participated in the campus process have hired in double digits reflecting the positive sentiments of the economy and renewing their trust they have placed in the quality of students and the curriculum.

The sectors, that recruited this year, include IT and ITES, Banking, Financial Services, Insurance, FMCG and Consulting with interim average annual salary at INR. 8.01 lacs. One of the salient achievement this year has been the first time presence of FMCG major Hindustan Unilever Limited who selected students in Finance domain and is also offering sales profiles during December.

The institute also boasts of a 3300 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.

Sector-wise Bifurcation - Final Placements 2016



Institute
of
Diploma Studies

Institute of Diploma Studies

INDEX

Sr. No	Particulars	Page
1	Teaching-Learning and Evaluation	101-101
2	Research, Consultancy and Extension	101-101
3	Student Support and Progression	102-104

Institute of Diploma Studies

I. Teaching-Learning and Evaluation

Number of faculty development programmes availed by the faculty

- Prof. Anand Patel facilitated and delivered expert lecture in the three days interactive orientation programme on “Engineering Graphics-A Language of Engineers” under Centre for Continuing Education (CCE) for aspiring engineering students from July 6 to July 8, 2015 and in three days interactive orientation programme on “Engineering Graphics-A Language of Engineers” under CCE for aspiring engineering students from June 6 to June 8, 2016.
- Prof. Mitesh Soni coordinated a workshop on Readography organized by CCE on September 19, 2015; delivered an orientation lecture on “Stress Management” to all Semester V Mechanical Engineering students on July 6, 2015 and an expert lecture on “Guidelines for Industrial Training” to the students of final year Diploma in Mechanical Engineering on August 17, 2015.
- Prof. Hani Chotai attended a workshop on “Readography” organized by CCE on September 19, 2015 and attended a one day training session on “Sexual Harassment of women in the workplace (Prevention, Prohibition and Redressal) Act, 2013: Understanding Its Working and Procedure” on September 29, 2015 at the Institute of Law, Nirma University, organized by Women Development Cell, of the university.
- Prof Dipak Saksena and Prof. Deepa Yagnik attended a workshop on “Gender Sensitization: Why and for whom” held on September 26, 2015 at Institute of Law, Nirma University.
- All faculty members of mechanical department attended the expert lecture arranged by ISTE Faculty chapter in association with CCE on “How to be a No limit person” on October 3, 2015 by Prof. Ashwin Parikh, Director, International Business Management the same.
- All faculty members of mechanical department attended the video lecture series arranged by ISTE Faculty chapter on “Spiritual Video Lecture series by Shri Sadguru Jaggi Vasudev” on November 5, 2015.

Invited/ Endowment Lectures

- On March 16, 2015 an expert lecture was arranged for the IV and VI semester students on the topic of “Introduction to different Modules of Vocational Training” by Shri Umesh Gyanchandani training consultant.
- Shri. Rohit Patel, Director, Symcom Corporation, Ahmedabad, delivered an expert lecture on topic “Qualities for Employability” for IV and VI semester students on April 16-17, 2015.
- Industrial training was arranged for student at EQDC on April 25, 2015.
- Industrial visit at NBE motors Pvt. Ltd on June 2, 9, 2015 was arranged for the IV semester students.
- An expert lecture by Mr. Parmeshwaran Nair, Engineer, EAT and Special Projects, KHS Machinery Pvt. Ltd. on topic “Good Manufacturing Practices and TQM” was arranged for the semester VI students for the subject “1MED10 Quality Engineering” on May 1, 2015.
- Prof. Prashant Bagga and Prof. Anand Patel were invited as judges for the event “CAD Machinery and Mechanical Assembly respectively at Blind People’s Association on May 1-2, 2015 to select the Indian Contingent for participation in the Ninth International Abilympics scheduled in France.

II. Research, Consultancy and Extension

Research Projects

Prof. Prashant Bagga, Assistant Professor, Institute of Diploma Studies and Dr Tanish Zaveri, Associate Professor, Department of Electronics and Communication Engineering, Institute of Technology has completed a minor research project titled “Tool Condition Monitoring using Image Processing Techniques” approved and funded by Nirma University worth Rs. 93,000/- on March 31, 2016.

III. Student Support and Progression

Value Added Courses

A visit to exhibition at “Ahmedabad Machine TOOL EXPO” was organized for students of V semester Department of Mechanical Engineering on September 24, 2015 at Mahatma Mandir Gandhinagar. First Fifteen students in Merit were taken to the exhibition.

Student Clubs in the Institutes/ University-Activities

Mechanical Engineering Students Organization (MESO) arranged events on April 25, 2015 for the students of Mechanical Engineering Programme. Including Drawing with Autocad; Drawing with Creo; Photography; Talent Hunt; Pictionary and Memory Game. 53 students participated in various events and first and second prizes were given to the winners.

Sports Activities

Institute Level Sports events were organized from October 19 to 28, 2015. Various events like Cricket, Football, Volleyball, Carom, Chess, Table Tennis, Tug of War for both boys and girls were organized.

Youth Welfare and Cultural Activities

- Foundation day of Institute of Diploma Studies was organized on September 14, 2015.
- Cultural Festival “Zenith 2015” was organized during September 21-22, 2015. The winners of the event include Dave Jay, Solo Song II prize; Panchal Nirmal and Bhavsar Kushal, Duet Song II prize; Manasi Mahendrasign, On the spot painting, II prize; Konduri Nagalakshmi, Rangoli, II prize and Kharva Parth, Collage Making, II prize. In the group events, the students won II prizes in Group and Folk Dance and I prize.
- Ras Garba Mahotsav “Ramzat 15” was organized on October 31, 2015. All Prof. Hani Chotai worked as Institute Coordinator, Prof. Prashant Bagga worked as Pass Distribution Coordinator, Mr. Meet Bakotia worked as committee member in discipline.
- Annual Sports Day was arranged in February 2016 and the list of winners is attached as Appendix-A.

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

An industrial visit to “Indo German Tool Room, Vatva, Ahmedabad” was arranged for semester VI students for the subject CAD/CAM on April 27 and April 28, 2015.

Alumni Association- Activities supporting students

Annual General Meeting was organized on October 3, 2015 in order to approve the revised the constitution of alumni association and inform the alumni regarding the same. 80 alumni members participated in the event.

Others

Prof. Sudha Patel had given a research seminar on “Visitor Tracking System using MANET” on March 21, 2015 and all the faculty members had attended the same

Prof. Prakash Patel, Prof. Nisha Khurana, Ms. Priyanka Mehta, Mr. Ankit Didwania, and Prof. Ankit Patel, Ms. Monali Doshi, Prof. Manish Singh had attended an expert lecture delivered by Shri. Rohit Patel, Director, Symcom Corporation, Ahmedabad on April 16-17, 2015.

The following is the list of committee members for CESA Convene 2015 held on April 8, 2015:

Name of Committee	Convener	Committee Members
LAN Gimming	Prof. Zarana Shah	Ms. Hetal Modh
General Knowledge Quiz	Prof. Prakash Patel	Ms. Monali Doshi
Technical Quiz	Prof. Sudha Patel	Prof. Zarana Shah
Group Event	Mr. Umang Thakkar	Ms. Maitry Shah
Stage, Auditorium Booking, Anchoring	Ms. Maitry Shah	Ms. Monali Doshi
Prize Purchasing and Distribution	Prof. Manish Singh	Mr. Umang Thakkar
Lunch	Prof. Prakash Patel	Ms. Kajal Shah
Purchase, Budget and Balance Sheet Preparation	Prof. Manish Singh	Mr. Umang Thakkar
Photography, Discipline and Registration	Prof. Manish Singh	Mr. Umang Thakkar Ms. Kajal Shah

Appendix - A

Sr. No.	Events	Rank	Boys			Girls		
			Reg. No.	Name	Sem.	Reg. No.	Name	Sem.
1	Shot put	I	13DME077	Abhishek Soni	VI	13DME107	Zeel Patel	VI
		II	12DEC138	Gaurav Singh	VI	12DEC111	Palak Chaturvedi	VI
		III	13DME103	Anand Chaudhri	VI	13DEE071	Masumi Gajjar	IV
2	Discus Throw	I	13DME103	Anand Chaudhri	VI			
		II	13DME077	Ahishek Soni	VI			
		III	13DME088	Patel Vishal	VI			
3	Javelin Throw	I	13DEE001	Hardik Rathod	VI	13DME107	Zeel Patel	VI
		II	13DME077	Ahishek Soni	VI	13DEE071	Masumi Gajjar	IV
		III	13DCE138	Gaurav Sing	VI	12DEC111	Palak Chaturvedi	VI
4	100 mt. Run	I	13DME103	Anand Chaudhri	VI	12DEC111	Palak Chaturvedi	VI
		II	13DCE038	Patel Idris	VI	13DME107	Zeel Patel	VI
		III	13DCE048	Panchal Rajan	VI	12DEC082	Naglaxmi Konduri	VI
5	400 mt. Run	I	13DME103	Anand Chadhuri	VI	12DEC111	Palak Chaturvedi	VI
		II	13DME101	Mepabhai Bharwad	VI	13DME107	Zeel Patel	VI
		III	13DEE016	Vikramsinh Rajput	VI			
6	800 mt. Run	I	13DME103	Anand Chaudhari	VI			
		II	13DME101	Mepabhai Bharwad	VI			
		III	13DEE053	Rohan Burman	VI			
7	1500 mt. Run	I	13DME103	Anand Chaudhari	VI			
		II	13DEE053	Rohan Burman	VI			

Sr. No.	Events	Rank	Boys			Girls		
			Reg. No.	Name	Sem.	Reg. No.	Name	Sem.
		III	13DME005	Kaushik Jikandra	VI			
8	Long jump	I	13DME103	Anand Chaudhari	VI			
		II	13DME101	Mepabhai Bharvad	VI			
		III	13DEE030	Vasu Ardenshana	VI			
9	High jump	I	13DME103	Anand Chaudhary	VI	13DME107	Zeel Patel	VI
		II	13DME101	Mepabhai Bharvad	VI	13DEC111	Palak Chaturvedi	VI
		III	13DEE001	Hardik Rathod	VI	-	-	-

Group Event Winner Details

Event: 4 x 100 m Relay (Boys) and (Girls)

Winning Teams

I Prize			II Prize		
Semester	Name of Student	Roll No.	Semester	Name of Student	Roll No.
VI	Anand Chaudhari	13DME103	VI	Vasu Ardeshana	13DEE030
VI	Vishal Patel	13DME088	VI	Hardik Rathod	13DEE001
VI	Mepabhai Bharvad	13DME101	VI	Yagneh Patel	13DEE047
VI	Abishekh Soni	13DME077	VI	Vikramsinh Rajput	13DEE016
III Prize					
VI	Rohan Barman	13DEE053			
VI	Parth Kharva	13DEE040			
VI	Yash Thakkr	13DEE048			
VI	Ajay Panchal	13DEE059			

Institute
of
Pharmacy

Institute of Pharmacy

INDEX

Sr. No	Particulars	Page
1	Outstanding Achievements and important activities	106-107
2	Curricular Aspects	107-107
3	Teaching-Learning and Evaluation	107-110
4	Research, Consultancy and Extension	110-123
5	Infrastructure and Learning Resources	123-124
6	Student Support and Progression	124-127

Institute of Pharmacy

Outstanding Achievements and Important Activities

Institute of Pharmacy received I rank at state level and V rank at National Level, Ranking by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India.

The Institute received major research project grants worth Rs. 27.00 lacs from Department of Science and Technology, Science and Engineering Research Board and minor research grant worth Rs. 17.75 lacs from Gujarat Council on Science and Technology.

Three B. Pharm. students: Mrunal Dayma, Nidhi Kuskal, Shrushti Shah, received Queen Elizabeth II Diamond Scholarship at Memorial University of Newfoundland, Canada.

The Institute has received two projects under Women Scientists Scheme (WOS-A) from the Department of Science and Technology.

Dignitaries visited

Dr Nils Hoffman from Beiersdorf, Germany visited the Institute on June 23, 2015.

The following members visited Institute of Pharmacy during Institute Advisory Committee Meeting on July 10, 2015:

Prof. C. K. Kokate, Vice Chancellor, KLE University

Prof. Saranjeet Singh, Dean, Professor and Head, Department of Pharmaceutical Analysis, NIPER, Mohali

Following renowned academicians visited the Institute from British Council on September 18, 2015:

Dr Nagamani Bora, University of Nottingham

Dr Mukhlesur Rahman, University of East London

Dr Duncan Sharp, Leeds Beckett University

Dr Anant Paradkar, Bradford University

Following dignitaries visited Institute of Pharmacy for orientation programme during August 24 to September 5, 2015

Mr. Pankaj Mahabaleshwarkar, President, Technical Operations, Cadila Pharmaceuticals Pvt. Ltd.

Mr. Ashwin Parikh, Director, International Business Development, Ahmedabad

Mr. Girish Pillai, Director, AAN Education, Ahmedabad

Dr Tushar Mehta, Head, ADL, Emcure Research Centre, Adalaj

Mr. Kaushik Shah, Managing Director, Shushane Medicamentos Pvt. Ltd, Ahmedabad

Dr Nina Sharma, Director (Technical Services), Teva Pharmaceuticals, Ahmedabad

Dr Amit Dodiya, Head, Patent Cell, Cadila Pharmaceuticals, Dholka

Dr Nikesh Patel, Principal Scientist, Quintiles Clinical Research, Ahmedabad

Dr Narendra Soni, General Manager, F&D, Cadila Pharmaceuticals, Ahmedabad

Dr Manoj Gadhavi, Senior Drug Inspector, FDCA, Gujarat

Mr. Narendra Dabhi, Motivation Lecturer, Om Engineers, Ahmedabad

Dr Ajay Gupta, Head, COENT, CII, Ahmedabad

Dr Nilay Pandya, Technical Head, Brillare Science, Ahmedabad

Dr Satyam Kothari, Director at ComplyWell Solutions, Ahmedabad

Dr A.K. Shukla, KBIPER, Gandhinagar

Dr M.C. Gohel, Research Director, Anand College of Pharmacy, Anand

Dr Alex Georg, General Manager, Zydus Cadila Health Care Ltd., Ahmedabad

Dr R. K. Parikh, Professor, L M College of Pharmacy, Ahmedabad

Dr Bipin Pandey, Adjunct Professor, Saurashtra University, Rajkot

Following dignitaries visited the Institute for National Seminar on CTD Filing: Technical and Regulatory Requirement on September 26, 2015

Dr Arvind Mishra, Senior Vice President, International Regulatory Affairs, Claris Injectable Ltd., Ahmedabad

Dr Priyanka Pawar, GM, Regulatory Affairs, Amneal Pharmaceuticals Ltd., Ahmedabad

Ms. Vaishali Kothari, DGM, International Regulatory Affairs, Zydus Cadila Healthcare Ltd., Ahmedabad

Mr. Manish Yadav, Bioanalytical and Bioequivalence Expert and WHO trainer, Ethixinn Consulting and Research Solution, Ahmedabad

Dr Hemant Kumar Jaju, Ex Vice President, Lambda Therapeutic Research Limited, Ahmedabad

I. Curricular Aspects

No. of courses where major revision is made:

Department of Pharmaceutical Chemistry

Semester	Name of Course	Remarks
I	Introduction to Pharmaceutical Chemistry	Major revision has been made and credit has been increased to 3 to 5.
II	Pharmaceutical Chemistry (Inorganic and Nuclear Medicinal Chemistry)	Few topics have been removed and some new topics have been added, and practical duration is increased from 2 to 3 hrs. Credit has been increased from 4 to 5.

Department of Pharmaceutical Analysis

Semester	Name of Course	Remarks
I	Fundamental Method of Pharmaceutical Analysis	Course has been removed from B. Pharm. semester I. Some topics of the course has been merged with Introduction to Pharmaceutical chemistry and Pharmaceutical chemistry. Remaining topics have been added to Titrimetric methods of pharmaceutical analysis.
II	Titrimetric Methods of Pharmaceutical Analysis	Course has been shifted to semester III

II. Teaching-Learning and Evaluation

Faculty completed/pursuing Ph.D.

Prof. Bhumika D. Patel has completed Ph.D. from Nirma University on the topic “Rational Designing, Synthesis and Biological Evaluation of Novel Anti-Diabetic Agents” under the guidance of Prof. Manjunath D. Ghate.

Prof. Nrupesh Patel is pursuing his Ph.D. from 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.

Prof. Nagja Tripathi is pursuing her Ph.D. from 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.

Prof. 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 and Evaluation

A teaching methodology innovation was adopted at faculty level. The students of B. Pharm. 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 could be evaluated as one CE component.

M.Pharm students 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 CE component.

Activities to sustain healthy practices

Interdisciplinary Student Projects

Ms. Kuntal Patel, M.Pharm. Semester IV student of Department of Pharmaceutical Analysis completed interdisciplinary research project on “Comparative Evaluation of Total Flavonoid Content and Antioxidant Activity of Selected Medicinally Important Bamboo Species Growing in India” under the guidance of Prof. Priti Mehta, along with the Institute of Science, Nirma University.

Exam Reforms implemented:

Course work examination for Ph.D. students:

- Course work examination for all the courses (except Seminar) has to be taken uniformly for all the students in form of written examination at the institute and scheme of course work evaluation was finalized.
- Inter se weightage for the final evaluation of each course will be considered as 50 % of written examination and 50 % of internal examinations (Where guide can mutually decide to conduct viva, presentation, submission, quiz, written test etc.).
- Final presentation of the course seminar has to be conducted in scientific faction in form of open seminar.

Compulsory Massive Open Online courses for M. Pharm students:

M. Pharm students are now required to opt for various MOOC offered online in their second year and also to submit the certificate of completion of the same to their respective departments.

Number of Faculty Development Programmes (FDPs) availed by the faculty: 04

- All faculty members of the Institute attended ISTE approved FDP on “Developing Excellence in Academic and Research Leadership” from May 14 to 28, 2015 organized by the Institute under the auspices of Academic Development and Research Cell, Nirma University.
- Dr Niyati Acharya, Dr Renuka Mishra, Dr Jigar Shah, Dr Dhaivat Parikh and Dr Shraddha Bhadada attended Research Orientation Programme 2015 organized by the ADR Cell, Nirma University during June 22 – July 4, 2015.
- Dr Renuka Mishra, Dr Dhaivat Parikh, Dr Shraddha Bhadada and Dr Dipal Gandhi attended faculty orientation programme organized by the ADR Cell, Nirma University during December 21, 2015 to January 2, 2016.
- Dr Tejal Mehta, Dr Niyati Acharya and Dr Dhaivat Parikh attended one day workshop organized by the ADR Cell, Nirma University on February 23, 2016 by British Council members on Technological Enhanced Learning.

Number of FDPs organized by the Institute

The Institute of Pharmacy organized ISTE approved FDP on “Developing Excellence in Academic and Research Leadership” during May 14-28, 2015 under the auspices of Academic Development and Research Cell, Nirma University.

The Institute also coordinated two weeks Research Orientation Programme organized by ADR Cell, Nirma University during June 22 to July 4, 2015.

Invited/Endowment Lectures

- **Dr Jigna Shah** delivered the lecture on “Experimental Models for Neurodegenerative Disorders” at GUJCOST and DST sponsored national workshop on “Animal Handling and Dosing Techniques in Preclinical Studies for Drug Research” at A. R. College of Pharmacy and G. H. Patel Institute of Pharmacy, Vallabh Vidyanagar, on April 10, 2015.
- **Dr Jigna Shah** delivered the lecture on “Writing Research Proposal” at Research Orientation Week organized by Hemchandracharya North Gujarat University, Patan at Shri Sarvajanik Pharmacy College, Mehsana, on May 29, 2015.
- **Prof. Manjunath Ghate** organized research orientation programme for the faculty members of different institutes of the university and conducted several workshops on grant activity in the programme during June 22 to July 4, 2015.
- **Dr Vimal Kumar** delivered the talk on “Supercritical Fluids Technology (SFT) in Drug Discovery” at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, on July 6, 2015.
- **Prof. Tejal Mehta** delivered a lecture on “Melt Extrusion Technology for Solubility Enhancement” at Anand College of Pharmacy on July 22, 2015 as a part of research orientation activity.
- **Dr Shital Panchal** delivered a lecture on “Role of Ayurvedic Treatment in Liver Cirrhosis” in International Conference on ‘Cutting-Edge Pharmacology: Contemporary Issues and Future Challenges’ at 48th Annual Conference of Indian Pharmacological Society, India held at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot during December 18-20, 2015.
- **Prof. Manjunath Ghate** delivered a lecture on “Ethics and Research” in faculty orientation programme organized by the ADR Cell, Nirma University during December 21, 2015 to January 2, 2016.
- **Dr Vimal Kumar** delivered the Plenary Lecture on “Supercritical Fluids Technology in Drug Delivery of Phytopharmaceuticals” at ICMR sponsored national seminar on “Recent Trends in Drug Development and Drug Delivery of Phytopharmaceuticals” at BMCPEP, Modasa on January 30, 2016.
- **Dr Sanjeev Acharya** delivered lecture on “Use of Peptides as Novel Approach for Targeted Drug Delivery of Phytopharmaceuticals- Few Case Studies” at ICMR sponsored one day national seminar on “Recent Trends in Drug Development and Drug Delivery of Phytopharmaceuticals” at BMCPEP, Modasa on January 30, 2016.
- **Prof. Manjunath Ghate** was invited as faculty in the Sixth International Translational Cancer Research Conference on “Prevention and Treatment of Cancer: Hypes and Hopes” organized by Gujarat Cancer Research Institute, Ahmedabad during February 4-7, 2016.
- **Prof. Tejal Mehta** delivered a lecture on “Formulation and Development of Lutein Nanocrystals: Evaluation of Antioxidant and Anti-Proliferative Activity” at Sixth International Translational Cancer Research Conference on “Prevention and Treatment of Cancer: Hypes and Hopes” organized by Gujarat Cancer Research Institute, Ahmedabad during February 4-7, 2016.
- **Dr Sanjeev Acharya** delivered a lecture on “Challenges of Analytical Method Development for Nutraceutical Formulations containing Phytopharmaceuticals with few case studies” at two days national seminar on Recent Analytical Techniques in Phytochemical Analysis: Present Scope and Challenges”, at MES College of Pharmacy, Sonai, Maharashtra on February 17, 2016.
- **Prof. Tejal Mehta** delivered a lecture on “Innovations in Nano based Nose to Brain Targeting Drug Delivery” at ICMR sponsored national seminar on “Nanoparticulate Drug Delivery System” at S. K. Patel College of Pharmaceutical Education and Research, Kherva in 31, March 2016.
- **Prof. Manjunath Ghate** attended the Third World Summit on Accreditation held during March 18-20, 2016.
- **Dr Jignasa Savjani** delivered a lecture on “ADMET Property Prediction using Free Tools” during Workshop on Computer Aided Drug Design Software on March 18, 2016 organized by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University and supported by Sybyl X, Certara.

- **Dr Vivek Vyas** delivered a lecture on “QSAR: A Ligand based Drug Design Approach” during Workshop on Computer Aided Drug Design Software on March 18, 2016 organized by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University and supported by Sybyl X, Certara.
- **Prof. Bhumika Patel** delivered a lecture on “Molecular Docking: A Structure based Drug Design Approach” during Workshop on Computer Aided Drug Design Software on March 18, 2016 organized by Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University and supported by Sybyl X, Certara

Training for Non-Teaching Staff

- Dr Lalitha Poluru attended Eighteenth International Symposium of Electronic Theses and Dissertations “Evolving Genre of ETDs for Knowledge Discovery” that was jointly organized by JNU, INFLIBNET and NDLTD November 4-6, 2015, New Delhi; Global Conference on “Emerging Trends in Business Libraries” held from December 2-4, 2015 that was jointly organized by IIM, Ahmedabad and ISB, Hyderabad and Mohali at IIM, Ahmedabad; and Seminar on “Library as a Learning Space: Role and Relevance of Libraries in the Future” held on August 22, 2015 jointly organized by ADINET, INFLIBNET and Nirma University Ahmedabad.
- Mr. Virendra S. Goswami attended one day workshop on research orientation organized by Research Congress of Hemchandracharya North Gujarat University, Patan, Gujarat; and seminar on “Library as a Learning Space: Role and Relevance of Libraries in the Future” held on August 22, 2015 jointly organized by ADINET, INFLIBNET and Nirma University Ahmedabad.
- Ms. Jaya M Dabhi attended National Conference on Emerging Trends of Libraries held during August 8-9, 2015 at Maharaja Krishnakumar Sinhji Bhavnagar University Library. Ms. Jaya M Dabhi attended Seminar on “Library as a Learning Space: Role and Relevance of Libraries in the Future” held on August 22, 2015 jointly organized by ADINET, INFLIBNET and Nirma University Ahmedabad.

III. Research, Consultancy and Extension

Research Projects

Major Research Projects funded by External Funding Agencies

Financial Year	Ongoing		Sanctioned	
	Number	Amount in Rs.	Number	Amount in Rs.
2015-16	3	1,04,31,480/-	1	27,00,000/-
2014-15	1	24,74,680/-	2	79,56,800/-

Minor Research Project funded by External Agencies

Financial Year	Ongoing		Sanctioned	
	Number	Amount in Rs.	Number	Amount in Rs.
2015-16	12	57,97,000/-	06	20,97,000/-
2014-15	1	5,00,000/-	11	52,97,000/-

Minor Research Project funded by Nirma University

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount in Rs.	Number	Amount in Rs.	Number	Amount in Rs.
2015-16	5	3,80,000/-	4	4,50,000/-	4	2,90,000/-
2014-15	6	5,00,000/-	5	3,80,000/-	4	4,50,000/-

Number of Faculty that participated 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
2015-16	7	3500	26	Rs 1,18,036
2014-15	8	19,238.00/-	17	Rs. 1,21,164.00/-

New Research Projects (Externally funded/University funded)

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs in Lacs)	Starting Date of Project
Dr Bhoomika Patel	Exploring the Effect of Histone Deacetylase (HDAC) in Cancer-Cachexia and their Downstream Targets	Science and Engineering Research Board	27.00	March 28, 2016
Dr Bhoomika Patel Dr Shraddha Bhadada	Evaluation of Chemoprotective Potential of Active Constituent of <i>L. usitatissimum</i> in Colon Cancer associated with Diabetes Mellitus	Gujarat Council on Science and Technology	2.80	March 28, 2016
Dr Shraddha Bhadada Dr Bhoomika M. Patel	Investigation of the Role of <i>Tephrosia purpurea</i> in the Cardiovascular Complications in Rats	Gujarat Council on Science and Technology	3.90	March 28, 2016
Dr Shital Panchal Dr Jigna Shah	Investigation of Potential of <i>Butea monosperma</i> against Neurodegeneration	Gujarat Council on Science and Technology	5.35	March 28, 2016
Dr Priti Mehta Dr Charmy Kothari Dr Dipal Gandhi	Screening and Characterization of Anticancer Bioactive Principle from the Indigenous Plants of Dang Forest, Gujarat	Gujarat Council on Science and Technology	3.00	March 28, 2016
Dr Hardik Bhatt Dr Vivek Vyas	Design and Synthesis of Novel Pteridine Derivatives as Aurora Kinase Inhibitors for the Treatment of Cancer	Gujarat Council on Science and Technology	2.70	March 28, 2016
Dr Niyati Acharya	Investigation in to Neuroprotective Effects of <i>Bergenia ciliata</i> roots in Alzheimer's Disease with special reference to Bergenin	GUJCOST (Minor Research Project)	3.22	May 18, 2015
Dr Niyati Acharya	Pharmacological Evaluation of Antiuro lithiatic Activity of Roots of <i>Grewia flavescens</i>	Nirma University	0.80	September 14, 2015
Dr Bhoomika Patel	Evaluation of Anti-Hypertensive Agent in Cancer Cachexia induced Cardiotoxicity	Nirma University	0.55	September 14, 2015
Dr Shraddha Bhadada	Beneficial Effect of <i>pimpinella anisum</i> in delaying Cataract	Nirma University	0.65	September 14, 2015

Prof. Palak Parikh	In-Silico Designing, Synthesis and Pharmacological Evaluation of Novel Anti-Cancer Agents	Nirma University	0.90	September 14, 2015
--------------------	---	------------------	------	--------------------

Ongoing Research Projects

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs)	Duration of Project	Starting Date of Project
Dr Snehal S. Patel	Isolation of Bioactive Compound from Fruit Juice of Emblica Officinalis and Investigation into the Molecular Mechanism of Action	DST (Major Research Project)	24,74,680/-	3 years	June 19, 2013
Dr Manjunath Ghate Prof. Bhumika D. Patel	In-silico Designing, Synthesis and Pharmacological Screening of Dipeptidyl peptidase-4 (DPP-4) Inhibitors as Novel Antidiabetic Agents	GUJCOST (Minor Research Project)	5,00,000/-	2 years	February 11, 2014
Dr Snehal Patel	Investigation into the Prevalence of Pre-Diabetic Status in Gujarati Population and Evaluation of its Association with various risk factors	RSSDI (Minor Research Project)	1,95,000/-	2 years	October 25, 2014
Dr Manjunath Ghate	Liquid Phase Combinatorial Synthesis of Benzimidazole Library for Antitubercular Activity	DST (SERB) (Major Research Project)	34,00,000/-	3 Years	October 31, 2014
Dr Renuka Mishra	Formulation, Design and Development of Sublingual Film of an Anti-Hypertensive Drug	Nirma University (Minor Research Project)	90,000/-	2 years	May 14, 2014
Prof. Nagja Tripathi	Standardization and Evaluation of a Polyherbal Formulation for Metabolic Disorder	Nirma University (Minor Research Project)	80,000/-	2 years	May 14, 2014
Dr Shital Panchal	Development of Oryzanol Formulation and its Pharmacological Evaluation for Neurodegenerative Disorders	Nirma University (Minor Research Project)	1,00,000/-	2 years	May 14, 2014

Dr Dhaivat Parikh Prof. Nimish Shah (ITNU)	Studies on Exploring Novel Excipients for Drug Delivery in Oral Cavity	Nirma University (Minor Research Project)	1,80,000/-	2 years	May 16, 2014
Dr Shital Butani Dr Snehal Patel	Development of Self-Emulsifying Drug Delivery Systems for Poorly Soluble Antihypertensive Drug	GUJCOST (Minor Research Project)	3,60,000/-	2 years	November 26, 2014
Dr Mayur Patel	Investigating the Role of Histone Deacetylase (HDAC) Inhibitors in Diabetes and Colon Cancer, and Development of Site Specific Drug Delivery Systems	GUJCOST (Minor Research Project)	4,00,000/-	2 years	November 26, 2014
Dr Charmy Kothari Dr Priti Mehta	Identification and characterization of Marker compound from polyherbal formulation	GUJCOST (Minor Research Project)	5,00,000/-	2 years	November 26, 2014
Dr Snehal Patel Dr Banshi Saboo	Investigation into the Prevalence of Pre-Diabetic Status in school going children in Gujarati Population and Evaluation of its association with various risk factors	GUJCOST (Minor Research Project)	3,50,000/-	2 years	November 26, 2014
Dr Vimal Kumar Dr Tejal Mehta	Development and Optimization of Formulations containing Glycin Max (Soyabean), Moringa Oleifera and Phoenix Dactylifera for the treatment of malnutrition	GUJCOST (Minor Research Project)	5,00,000/-	2 years	November 26, 2014
Dr Jignasa Savjani Dr Snehal Patel	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	GUJCOST (Minor Research Project)	3,50,000/-	2 years	November 26, 2014

Dr Sanjeev Acharya Dr Niyati Acharya	Glutathione Appended Polymeric Nanoconstructs of Asiatic Acid for Efficacious Neuroprotection against Alzheimer's Disease	DBT (Major Research Project)	45,56,800/-	3 Years	January 01, 2015
Dr Jigar Shah Dr Snehal Patel	Ocular Iontophoretic Delivery of Nanoparticles via Transscleral Route for Posterior Disease	GUJCOST (Minor Research Project)	7,00,000/-	2 Years	March 30, 2015
Dr Vivek Vyas	Design and Synthesis of Quinoline Derivatives as Novel Apoptosis Inducers	GUJCOST (Minor Research Project)	6,55,000/-	2 Years	March 30, 2015
Dr Jigna Shah Dr Snehal Patel	Investigation of Mechanism of Action of selected Herbal Drugs for the Treatment of Attention Deficit Hyperactivity Disorder	GUJCOST (Minor Research Project)	4,80,000/-	2 Years	March 30, 2015
Dr Renuka Mishra Dr Snehal Patel	Development and Optimization of Mucoadhesive Film for Treatment of Vaginal Candidiasis	GUJCOST (Minor Research Project)	4,85,000/-	2 Years	March 30, 2015

Research Projects Completed

Project Investigator/s	Title of the Project	Funding Agency	Grant (in Rs)	Duration of Project	Starting Date of Project
Dr Shital B. Butani	Development of Lipidic Drug Delivery System for Bioavailability Improvement of the poorly Soluble Antihypertensive Drug	Nirma University (Minor Research Project)	90,000/-	2 years	September 17, 2013
Dr Charmy S. Kothari	Standardization of Polyherbal Formulation	Nirma University (Minor Research Project)	90,000/-	2 years	September 17, 2013
Dr Jigar N. Shah	Formulation, Development and Evaluation of Controlled Drug Delivery of Analgesics Via Novel Routes	Nirma University (Minor Research Project)	80,000/-	2 years	September 17, 2013

Ms. Bhumika D. Patel	Design, Synthesis and Pharmacological Evaluation of Novel Heterocyclic Derivatives as Anti-Diabetic Agents	Nirma University (Minor Research Project)	60,000/-	2 year	September 17, 2013
Dr Vivek K. Vyas	Design and Synthesis of Novel Quinoline Derivatives as Anticancer Agents	Nirma University (Minor Research Project)	60,000/-	2 year	September 17, 2013

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

Summary

Research Publications in financial year 2014-15:

Financial Year	National Journal			International Journal		
	Number of papers published	Number of papers considered for calculation of average impact factor	Average Impact Factor	Number of papers published	Number of papers considered for calculation of Average Impact Factor	Average Impact Factor
2015-16	13	05	0.475	46	28	2.282
2014-15	09	04	0.237	37	24	2.125

Details:

Research Publications by Faculty

International Journals

Ghate Manjunath D., Bano Mohsina, Barot Kuldipsinh P., Jain Shailesh V. (July 2015). "Identification of 3-hydroxy-4(3, 4-dihydro-3-oxo-2H-1,4-benzoxazin-4-yl)-2,2 dimethylidihydro-2H-benzopyran Derivatives as Potassium Channel Activators and Anti-Inflammatory Agents", Medicinal Chemistry Research, 24: 3008-3020. **IF: 1.402.**

Ghate Manjunath D. Barot Kuldipsinh P., Jain Shailesh V., Kremer Laurent, Singh Shubhra (July 2015). "Recent Advances and Therapeutic Journey of Coumarins: Current Status and Perspectives", Medicinal Chemistry Research, 24: 2771-2798. **IF: 1.402.**

Mehta Tejal, Shah Nitesh, Sharma Om Prakash, Amin Avani (September 2015). "Design of Experiment Approach for Formulating Multi-Unit Colon-Targeted Drug Delivery System: In Vitro and In Vivo Studies", Drug Development and Industrial Pharmacy, 42 (5): 825-835. **IF: 2.101.**

Mehta Tejal, Parikh Dhaivat, Sharma Om Prakash, Shah Mahek (April 2015). "Formulation Optimization of Gastro Retentive Drug Delivery System for Allopurinol using Experimental Design", Expert Opinion on Drug Delivery, 12 (4): 513-24. **IF: 4.840.**

Shah Nimish, Mewada R., Mehta T. (January 2016). "Crosslinking of Starch and its Effect on Viscosity Behaviour", Review in Chemical Engineering, 32 (2): 265-270. **IF: 2.414.**

Patel Amit, Parikh R., Mehta Tejal (December 2015). "Development and Optimization of Effervescent Tablets of Promethazine", International Journal of Pharmaceutical Sciences and Research, 6 (12): 1000-08.

Pandya Radhika, Gohel Mukesh, Mehta Tejal (December 2015). “Solid Dispersion Adsorbate-A Novel Technique for Dissolution Enhancement of Febuxostat”, *International Journal of Pharmaceutical Sciences and Research*, 6(10): 1000-07.

Mehta Tejal, Pandya Radhika, Gohel Mukesh (April 2015). “Amalgamation of Solid Dispersion and Adsorption Technique”, *Journal of Thermal Analysis and Calorimetry*, 120(1): 699-709. **IF: 2.02.**

Mehta Priti, Dadhaniya Tejas, Sharma Omprakash, Gohel M.C. (July 2015). “Current Approaches for In Vitro Drug Release Study of Long Acting Parenteral Formulations”, *Current Drug Delivery*, 12(3): 256-270. **IF: 2.248.**

Mehta Priti, Dadhaniya Tejas (April 2015). “Development of LC/MS-MS Method for Determination of Iloperidone in Human Plasma: Application to a Pharmacokinetic Study”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(4): 294-297.

Dwivedi Nitin, Shah Jigna, Mishra Vijay, Mohd Cairul Iqbal Mohd Amin, Iyer Arun K., Kesharwani Prashant (December 2015). “Dendrimer Mediated Approaches for the Treatment of Brain Tumour”, *Journal of Biomaterials Science, Polymer Edition*, 27 (7): 557-580. Available online, [http:// dx.doi.org/10.1080/09205063.2015.1133155](http://dx.doi.org/10.1080/09205063.2015.1133155). **IF: 1.6.**

Acharya Sanjeev R., Acharya Niyati, Raval Nisith, Mistry Tejas (August 2015). “Development of Glutathione Conjugated Asiatic Acid Loaded Bovine Serum Albumin Nanoparticles for Brain Targeted Drug Delivery”, *Journal of Pharmacy and Pharmacology*, 67(11):1503-11. Early online 10.1111/jphp.12460. **IF: 2.264.**

Bhangale, Jitendra O., Acharya Sanjeev. (December 2015) “Anti-Parkinson Activity of Petroleum Ether Extract of *Ficus religiosa* (L.) Leaves”, *Advances in Pharmacological Sciences*, 1-9. <http://dx.doi.org/10.1155/2016/9436106>

Acharya Sanjeev, Reddy Padmanabha, Acharya Niyati (August 2015). “Optimization of Size Controlled Poly (Lactide-Co-Glycolic Acid) Nanoparticles using Quality by Design Concept”, *Asian Journal of Pharmaceutics*, 9: 152-161.

Bhatt Hardik, Borisa Ankit (September 2015). “3D-QSAR (CoMFA, CoMFA-RG, CoMSIA) and Molecular Docking Study of Thienopyrimidine and Thienopyridine Derivatives to explore Structural Requirements for Aurora-B Kinase Inhibition”, *European Journal of Pharmaceutical Sciences*, 79: 1-12. **IF: 3.35.**

Bhatt Hardik G., Patel Saloni, Patel Bhumika (February 2016). “3D-QSAR Studies on 5-hydroxy-6-oxo-1, 6-dihydropyrimidine-4-carboxamide derivatives as HIV-1 Integrase Inhibitors”, *Journal of the Taiwan Institute of Chemical Engineers*, 59: 61-68. **IF: 3.00.**

Chaube Udit, Chhatbar Dhara, Bhatt Hardik (February 2016). “3D-QSAR, Molecular Dynamics Simulations and Molecular Docking Studies of Benzoxazepine Moiety as mTOR Inhibitor for the Treatment of Lung Cancer”, *Bioorganic and Medicinal Chemistry Letters*, 26: 864-874. **IF: 2.42.**

Chaube Udit, Vyas Vivek, Bhatt Hardik (February 2016). “Design and Synthesis of Potent N-phenylpyrimidine Derivatives for the Treatment of Skin Cancer”, *RSC Advances*, 6: 10285–10297. **IF: 3.884.**

- Patel Mayur M.** (July 2015). “Colon: A Gateway for Chrono Therapeutic Drug Delivery Systems”, *Expert Opinion on Drug Delivery*, 12(9): 1389-1395. **IF: 4.84.**
- Patel Mayur** (March 2016). “Micro/Nano-Particulate Drug Delivery Systems: A Boon for the Treatment of Inflammatory Bowel Disease”, *Expert Opinion on Drug Delivery*, early online. **IF: 4.84.**
- Butani Shital B.** (September 2015). “Consequence of Wax Property on Drug Release Behaviour of Oxcarbazepine Modified Release Granules”, *International Journal of Pharmtech Research*, 8 (5): 898-907.
- Savjani Jignasa K.** (September 2015). “Co-crystallization: An Approach to Improve the Performance Characteristics of Active Pharmaceutical Ingredients”, *Asian Journal of Pharmaceutics*, 9(3): 147-151.
- Acharya Niyati, Barai Priyal, Katariya Hiral, Acharya Sanjeev, Santani Devdas** (August 2015). “Evaluation of Antidiabetic Potential of Roots and Stems of *G. arborea*”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 7, 8: 355-362. **IF: 0.55.**
- Panchal Shital, Pawar Neha** (February 2016). “Crocic Acid Rich Extract of *Nyctanthes arbor-tristis* Flower Calyx Induces Anti-angiogenic Activity”, *Journal of Natural Products*, 6(1): 40-48.
- Acharya Niyati, Acharya Sanjeev, Shah Unnati, Shah Ripal, Lal Hingorani** (February 2016). “A Comprehensive Analysis on *Symplocos Racemosa* Roxb.: Traditional Uses, Botany, Phytochemistry and Pharmacological Activities”, *Journal of Ethnopharmacology*, 181: 236-251, **IF: 2.998.**
- Charmy Kothari, Rushvi Patel** (August 2015). “Regulatory Need: Harmonized PIC/S GMP, its Overview and Comparison with WHO GMP”, *Pharmaceutical Regulatory Affairs: Open Access*, 4 (3): 1-5, doi:10.4172/2167-7689.1000150, **IF:0.7.**
- Patel Snehal S., Faldu Khushboo G., Shah Jigna S.** (May 2015). “Anti-Viral Agents in Neurodegenerative Disorders: New Paradigm for Targeting Alzheimer’s Disease”, *Recent Patents on Anti-Infective Drug Discovery*, 10(2):76-83.
- Patel Snehal S., Bakrania Anita K.** (May 2015). “Combination Treatment for Allergic Conjunctivitis e Plant derived Histidine Decarboxylase Inhibitor and H1 Antihistaminic Drug”, *Experimental Eye Research*, 137: 32-38. **IF: 3.02.**
- Patel Snehal S., Shah Prabodh V., Ingwale Deepa** (June 2015). “Hepatoprotective Effect of Virgoliv Syrup against CCl₄ induced Hepatic Injury in Rats”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(8): 221-226.
- Patel Snehal S., Doctor Jwal** (April 2015). “Clinical Expression of Grave’s Disease in Children: Case Report”, *World Journal of Pharmacy and Pharmaceutical Sciences*, 4(7): 969-974.
- Snehal S. Patel, Bhavesh C. Variya, Jinal I. Trivedi, Hardik P. Gandhi, S. P. Rathod** “Comparative Evaluation of HMG CoA Reductase Inhibitors in Experimentally-Induced Myocardial Necrosis: Biochemical, Morphological and Histological Studies”, *European Journal of Pharmacology*, 764:283–291. **IF: 2.5.**
- Patel Snehal S., Namrata A. Desai** (August 2015). “Increased Insulin-like Growth Factor-1 in relation to Cardiovascular function in Polycystic Ovary Syndrome: Friend or Foe?” *Gynaecological Endocrinology*, 19: 1-7. **IF: 1.36.**

Patel Snehal S., Shah Krushangi N. (October 2015). “Phosphatidylinositide 3-kinase Inhibition: A New Potential Target for the Treatment of Polycystic Ovarian Syndrome” *Pharmaceutical Biology*, 12:1-9. **IF: 1.24.**

Patel Snehal S. (February 2016). “Cerebrovascular Complications of Diabetes: Alpha Glucosidase Inhibitor as Potential Therapy”, *Hormone and Metabolic Research*, 48(2): 83-91. **IF: 2.12.**

Patel Snehal S., Variya Bhavesh, Bakrania Anita, Shah Probodh (January 2016). “Pharmacological Evaluation of Jambrushila Tablet on Animal Model of Type-2 Diabetes”, *The Natural Products Journal*, 6: 1-6.

Patel Snehal S., Rajshree Niti, Chavada Abhinav (December 2015). “Vascular Endothelial Growth Factor: A New Paradigm for Targeting various Diseases”, *Current Angiogenesis* (Bentham Science), 4:1-13.

Shah Jigar, Patel Rakesh, Shah Hiral, Mehta Tejal (July 2015). “Beyond the Blink: Using In-Situ Gelling to Optimize Ophthalmic Drug Delivery”, *Pharmaceutical Technology* 39 (7):

Mishra Renuka, Sharma Arun, Mehta Tejal, Gohel Mukesh (August 2015). “Formulation and Characterization of Ternary Complex of Sublingual Film of Buspirone Hydrochloride”, *Journal of Pharmaceutical Investigation*, 45(4): 359-366.

Mishra Renuka, Joshi Priyanka, Mehta Tejal (January 2016). “Formulation, Development and Characterization of Mucoadhesive Film For Treatment Of Vaginal Candidiasis”, *International Journal of Pharmaceutical Investigation*, 6(1): 47-55.

Vyas Vivek K., Ghate Manjunath, Patel Kinjal, Qureshi Gulamnizami, Shah Surmil “Homology Modelling, Binding Site Identification and Docking Study of Human Angiotensin II Type I (Ang II-AT1) Receptor”, *Biomedicine and Pharmacotherapy*, 74: 42-48. **IF: 2.023.** **Bhadada Shraddha, Bhadada Vikas, Goyal Ramesh** (February 2016). “Preventive Effect of Tephrosia purpurea on Selenite-Induced Experimental Cataract”, *Current Eye Research* 41(2): 222-231. **IF: 1.663.**

Tripathi Nagja, Kumar Vimal, Acharya Sanjeev (February 2016). “Myristica fragrans: A Comprehensive Review”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 8(2): 27-30. **IF: 0.55.**

Patel Nrupesh, Dadhanja Tejas, Gajjar Anuradha (2016). “Supercritical Fluid Chromatographic Method for Montelukast: Application in Content Uniformity and Degradation Study”, *Current Analytical Chemistry*, DOI: 10.2174/1573411012666151103205800. **IF: 1.137.**

Patel Nrupesh, Pandya Khevana, Gajjar Anuradha (2016). “An Overview of Different Analytical Techniques for Leukotriene Antagonists in Different Matrices”, *Current Pharmaceutical Analysis*, DOI: 10.2174/1573412912666160112232742. **IF: 0.719.**

Parikh Palak K., Ghate Manjunath, Patel Kinjal (June 2015). “3D QSAR Studies on Substituted Arylaminopyrimidine Derivatives as Anaplastic Lymphoma Kinase Inhibitors” *Journal of Pharmacy Research*, 9(6): 383-395.

Parikh Palak K., Ghate Manjunath, Vyas Vivek (December 2015). “CoMFA and CoMSIA Studies on 6,7-disubstituted-4-phenoxyquinoline Derivatives as c-Met Kinase Inhibitors and Anticancer Agents”, *Medicinal Chemistry Research*, 24: 4078–4092. **IF: 1.402.**

Citation Index of Faculty Member and Impact Factor

Name of Faculty Member	Highest Impact Factor during April 2015- March 2016	Citation	H-Index
Prof. Manjunath Ghate	2.023	714	13
Prof. Tejal A. Mehta	4.116	584	11
Prof. Vimal Kumar	1.04	208	7
Prof. Priti J. Mehta	2.248	123	7
Prof. Jigna Shah	1.6	127	5
Dr Sanjeev R. Acharya	3.055	176	9
Dr Hardik G. Bhatt	3.84	209	9
Dr Mayur M. Patel	5.434	607	12
Dr Shital B. Butani	0.62	200	7
Dr Jignasa K. Savjani	2.486	192	4
Dr Shital S. Panchal	-	121	8
Dr Niyati S. Acharya	3.055	138	8
Dr Charmy Kothari	1.3	169	6
Dr Snehal S. Patel	3.02	314	6
Dr Bhoomika M. Patel	2.7	710	12
Dr Jigar N. Shah	2.202	78	4
Dr Renuka D. Mishra	-	244	5
Dr Shraddha Bhadada	1.276	349	7
Dr Dhaivat C. Parikh	4.116	48	4
Prof.. Nagja V. Tripathi	0.55	3	1
Dr Dipal M. Gandhi	0.955	16	2
Prof. Nrupesh R. Patel	1.132	6	2
Prof. Bhumika D. Patel	1.61	23	3
Dr Vivek K. Vyas	3.432	193	8
Prof. Palak K. Parikh	1.402	25	4
Dr Mohit Shah	-	6	1

National Journals-Refereed Papers

Stanimir P. Manolova, Stoyanka N. Atanasovaa, **Ghate Manjunath D.**, Iliyan I. Ivanov (November 2015). "Advances in Contemporary Research", Indian Journal of Chemistry, 54:1301-1320. **IF: 0.471**

Kumar Vimal, Pandya Disha, Dhanani Palak, Khan Mohammad Yaseen (July 2015). "Herbal Cosmetics- Unlimited Scope and Opportunity in India", The Pharma Review, 40-45.

Bhatt Hardik G., Patel Nrupesh, Desai Pankti (September 2015). "Development and Validation of Spectrophotometric Method for Simultaneous Estimation of Famotidine, Diclofenac and Paracetamol in their combined Dosage Form", Indian Drugs, 9:60-64.

Bhadada Shraddha, Goyal Ramesh, (September 2015). "Effect of Aqueous Extract of *Tephrosia purpurea* on Cardiovascular Complications and Cataract associated with Streptozotocin-Induced Diabetes in Rats", Indian Journal of Pharmaceutical Sciences, 77(5): 522-529. IF: 0.479.

Acharya Niyati S., Acharya S.R., Kumar V., Barai P. (December 2015). “Anticonvulsant and Antioxidant Effects of Methanolic Extract of Stems of *G. arborea* Roxb.”, *Journal of Natural Remedies*, 15(1): 23-32. **IF: 0.49**

Acharya Niyati S., Shah Unnati, Shah Ripal, Acharya Sanjeev, Hingorani Lal (2015). “Evaluation of In-Vitro Anticancer Activity of *Symplocos racemosa* Bark against Hepatocellular Carcinoma”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 7 (11): 384-85. **IF: 0.55.**

Acharya Niyati, Shah Unnati, Hingorani Lal, Acharya Sanjeev (October 2015). “Anti-Oxidant and Anti-Cancer Potential of *Symplocos Racemosa* Bark against Hep3b Cell Line”, *International Journal of Pharmaceutical Sciences and Research*, 6(10): 4529-4533.

Patel Snehal S., Inguale Deepa, Shah Probodh (August 2015). “Hepatoprotective Effect of Virgoliv Syrup against CCl₄ Induced Hepatic Injury in Rats”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(8): 221-226.

Patel Snehal S., Inguale Deepa, Shah Probodh (February 2016). “Pharmacological Evaluation of Antidepressant Activity of Soberx Capsule in Mice”, *International Journal of Pharmacy and Pharmaceutical Sciences*, 8(7): 145-147.

Bhangale Jitendra O., Acharya Niyati S., Acharya Sanjeev R. (2015). “Neuroprotective Effect of pet ether Extract of *Ficus Religiosa* (L.) Leaves in 3-Nitropropionic Acid Induced Huntington Disease”, *International Journal of PharmTech Research*, 8(10): 57-69.

Thakkar Palak, Patel Nrupesh, Kothari Charmy, Patel Raghav, Mehta Priti (September 2015). “Validated Stability Indicating High-Performance Thin Layer Chromatographic Method for Repaglinide API”, *Indian Drugs*, 9:48-54.

Stanimir P. Manolov, Stoyanka N. Atanasova, Ghate Manjunath, Iliyan I. Ivanov (November 2015). “Advances in Contemporary Research: A Brief Review of Cherylline Synthesis”, *Indian Journal of Chemistry*, 54B: 1301-1320. **IF: 0.387.**

Mehta Tejal, Shah Nimish, Mewada R. (June 2015). “Synthesis of Covalently Crosslinked Chitosan-Starch Copolymers through Reactive Blending for Oral Drug Delivery”, *Journal of Environmental Research and Development*, 9(3):1131-1137.

Total Impact Factor for National Publications: 2.377

Research Publication and Presentation by Librarians:

Poluru, L., Das, S. (2015). “ETDs in Agriculture: Status and Way forward with Case studies from India and Bangladesh” in Eighteenth International Symposium of Electronic Theses and Dissertations “Evolving Genre if ETDs for Knowledge Discovery” jointly organized by JNU, INFLIBNET and NDLTD November 4-6, 2015, New Delhi: JNU; also received second best paper award and oral presentation.

Shastri, M. K., Poluru, L. (2015). “Social Skills and Librarianship”, in the proceedings of the seminar on Library as a Learning Space: Role and Relevance of Libraries in the Future, edited by Rhoda Bharucha and others on August 22, 2015, Ahmedabad: 96-102. ISBN: 81-88174-11-12. She also rendered services as one of the editors for the proceedings of the seminar.

International Conference, National Conference/Seminar including Abstracts/ Other Publications (books, chapter in books, case studies, manual monograph, articles etc.)

Sr. No.	Name of the Faculty	Title of the Chapter	Name of the Book	Name of Publishing House	ISBN	Year of Publication
1	Dr Vimal Kumar Prof. Neeraj Sharma	Triggerable Liposomes: Newer Approach in Cytoplasmic Drug Delivery	Nano-Medicine and Tissue Engineering; State of the Art and Recent Trends	Apple Academic Press (CRC Press), 2015	9781771881180	2015
2	Prof. Niyati Acharya Prof. Sanjeev Acharya Prof. Devdas Santani	Isolation and Characterization of Constituents from Hepatoprotective Fraction of Roots of <i>Gmelina arborea</i> Roxb.	Recent Progress in Medicinal Plants, Flavonoids and Antioxidants	Studium Press	-	2016

Ongoing Research Collaboration/New Collaboration

Dr Dhaivat Parikh is working on collaborative minor research project on “Studies on Exploring Novel Excipients for Drug Delivery in Oral Cavity” with Mr. Nimish Shah, Institute of Technology, Nirma University. The project is funded by Nirma University.

Awards and Recognitions

Research Awards/Prize/Schemes

New Fellowships during 2015-2016

Sr. No.	Student	Guide/Co-guide	Fellowship
1	Chetan Dhal	Dr Renuka Mishra	Nirma University
2	Shruti Rawal	Dr Mayur Patel	Nirma University
3	Tejal Rawal	Dr Shital Butani	DST-WOS-A
4	Komal Chaudhary	Prof. Priti J Mehta	DST-WOS-A

Ongoing Fellowships during 2015-2016

Sr. No.	Student	Guide/ Coguide	Fellowship
1	Krishna Gajjar	Dr Anuradha Gajjar	DST-Inspire Fellow
2	Neha Shah	Prof. Tejal A Mehta	DST-Inspire Fellow
3	Priyal Barai	Dr Niyati S Acharya	DST-Inspire Fellow
4	Manali Prajapati	Dr Shital Butani	CSIR
5	Jha Abhishekkumar Brajeshkumar	Dr Shital Panchal	Nirma University
6	Ms. Mitalben Nageshbhai Patel	Dr Charmy Kothari	Nirma University
7	Viral Patel	Dr Tejal Mehta	DST-Inspire Fellow
8	Udit Chaube	Dr Hardik Bhatt	DST-Inspire Fellow

Junior Research Fellow

S.No.	Student	Guide/Coguide	Project title	Fellowship
1	Bhavesh Variya	Dr Snehal S. Patel	Isolation of Bioactive Compound from Fruit Juice of <i>Emblica officinalis</i> and Investigation into the Molecular Mechanism of Action	Junior Research Fellowship-DST
2	Nikum Sitwala	Prof. Manjunath Ghate	Liquid Phase combinatorial Synthesis of Benzimidazole library for antitubercular activity	Junior Research Fellowship-DST

Internal Resources Generated

Revenue Generated in Financial Year 2015-16:

Consultancy	Testing	Training (Seminar/Workshop)
Rs. 6,51,193/-	Rs. 19738/-	Rs. 5,92,274/-

Extension Activities/Community Services by Institute/Department

Sr. No.	Type of Activity Conducted	Dates	Beneficiaries	No. of participants	Impact
Year 2015-16					
B. Pharm. Semester V Students					
1	Guest Lecture for Sensitization of Students	August 1, 2015	Students of the Institute	75 students	Society at large
2	Awareness Programme on Cleanliness	August 8, 2015	Jaspur Village People	65 students	Society at large
3	Awareness Programme: Anti-Tobacco Drive	August 22, 2015	Jaspur Village people	73 students	Society at large
4	Awareness Programme: Health, Hygiene and Safety	October 3, 2015	Jaspur village people	80 students	Society at large
M. Pharm. Semester IV Students					
5	Awareness Programme-Importance of Education	February 13, 2016	Tragad Village	27 students	Society at large
6	Awareness Camp on Pollution and influence of Environment on Health	March 5, 2016	Chharodi Village	42 students	Society at large
7	Awareness Camp on Importance of Hygiene	March 12, 2016	Chharodi Village	38 students	Society at large
8	Awareness Camp on Emergency and First Aid	March 19, 2016	Chharodi Village	22 students	Society at large
9	Application of Science in day to day life	March 29, 2016	Chharodi Village	34 students	Society at large

10	Awareness Camp on Communicable and Infectious Disease	April 2, 2016	Chharodi Village	27 students	Society at large
11	Awareness Camp on Importance of Herbs in day to day life	April 9, 2016	Chharodi Village	35 students	Society at large
12	Guest Lecture on Our responsibilities towards Society	April 16, 2016	IPNU Students	100 Students	Society at large

New MoU Signed/Collaborative Activities done related to MoU/ Tie-ups with other Organisation

The Institute of Pharmacy, Nirma University has signed MoU with Brillare Science Pvt. Ltd. on November 6, 2015.

IV. Infrastructure and Learning Resources

Library - Learning Resources Added

Number of Book for Technical Subjects During the year 2015-16			
No. of Titles and Volumes added during the Year		Cumulative Total of Titles and Volumes as on March 31, 2015	
Title	Volumes	Title	Volumes
95	124	3044	5034
Number of Book for Science and Humanities during the year 2015-16			
No. of Titles and Volumes added during the Year		Cumulative Total No. of Titles and Volumes as on March 31, 2015	
Title	Volumes	Title	Volumes
39	45	2321	3674
No. of Periodicals / Journals including E-Journals during the year 2015-16		Other Material Which Includes Software /CDs /Cassettes Other Audio-visual Materials	
Added during the year 2015-16	Cumulative Total as on March 31, 2015	Added during the year 2015-16	Cumulative Total as on March 31, 2015
-	108 (26+4 +16 Print Online)	-	47 CDS

Laboratory Facilities: Major Additions

Sr. No.	Name of Equipment	Name of Supplier	Qty. Received
1	HPLC System	Anatak Services Pvt. Ltd.	1
2	Online UPS System	ABC Power Systems	1
3	Ultrasonic Bath	Lab Intelligence Appliances	1
4	Water Bath	Scientific Trading Co	1
5	Stabilizer 10 KVA	Mahvir Power System Pvt Ltd.	1
6	Elisa Reader	MP Biomedicals India Pvt Ltd	1
7	Analytical Balance	Lab Intelligence Appliances	2
8	Magnetic Stirrers 2 Litre	Lab Intelligence Appliances	1
9	Homogenizer	Ultra-Scientific Instrument	1
10	Ultra Violet Cabinet (UV Cabinet)	EIE Instruments Pvt Ltd	1
11	Digital Balance Scale Tech 0.1 mg	Lab Intelligence Appliances	1

12	Melting Point apparatus (Digital)	Lab Intelligence Appliances	1
13	Blood Pressure Instrument	Starcoin Sales	4
14	Student Micro Scope	Durga Scientific Pvt Ltd	18
15	Ultrasonic Bath 6.5 Litre	Lab Intelligence Appliances	1
16	Vortex Mixer (Cyclo Mixer)	Nova Instruments Pvt Ltd	1
17	Ultrasonic Cleaning	Lab Intelligence Appliances	1
18	UPS system	Lab Intelligence Appliances	1
19	Refrigerator 225 Litre	Shree Viswakarma Ent	1
20	Glucometer	Star Coin Sales	4
21	Magnetic Stirrer with hot plate	Ultra-Scientific Instrument	1
22	Freeze Dryer	Delvac pumps Pvt Ltd	1
23	Colorimeter	Dynalab Enterprise	1
24	Photo stability Chamber	Labtronik	1
25	Online UPS System 7 KVA	Power Connect System	1
26	Gel Documentation System	Biokrom	1
27	Blotting System	Biolinx Labsystems	1
28	Digital Microscope	Ultra-Scientific Inst	1
29	Gel Electrophoresis System with Micropipette	Biokrom	1

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 students (2014-15)

Category	B. Pharm.	
	Rank No. of Students admitted (ACPC)	
	First Rank	Last Rank
Tuition Fee Waiver Scheme	51	209
Open (Gujarat Board)	144	7561
Schedule Caste	1900	4259
Schedule Tribe	3783	3783
Socially and Economically Backward Class	952	6845
Central Board	780	7203
Indian School Certificate Examination	643	4264

Admission Status for M. Pharm

For the M. Pharm. The admissions are done on GPAT basis.

Cut off Rank for the admission to M. Pharm. Academic Year 2015-2016

Sr. No.	Name of Specialization	In take	Admitted	GPAT Rank	
				Highest Cut-off	Lowest Cut-off
1	Pharmaceutical Technology and Bio-Pharmaceutics	15	12	562	Non GPAT
2	Pharmaceutical Analysis	09	06	2362	Non GPAT
3	Pharmacology	09	04	2842	Non GPAT
4	Clinical Pharmacy	06	05	1233	Non GPAT
5	Regulatory Affairs and Quality Assurance	12	12	1012	Non GPAT
Total		51	39	-	-

Student Achievements

Three B. Pharm. Students: Mrunal Dayma, Nidhi Kuskal, Shrushti Shah, received ‘Queen Elizabeth II Diamond Scholarship’ at Memorial University of Newfoundland, Canada.

No. of Co-curricular Activities organized:

06

Student Clubs in the Institutes/University-Activities

Sports Activities

Total 282 students participated in different games in Annual Sports Competition scheduled during February 4-6, 2016 organized by Students’ Welfare Board, Nirma University and in various other sports competitions.

Art and Craft Club Activity

- Art and Crafts Club of the Institute in association with Nirma Institute of Pharmacy Students’ Association (NIPSA) organized ‘Spectra- Colours of Freedom’ to celebrate 69th Independence Day of India on August 20, 2015. The events included- Patriotic Picasso (Sketching/Painting), Rapid Rangoli and Kesariya (Body Painting/Tattoo). The theme of all the events was Patriotism and Freedom. About 94 students (63 female + 31 Male) participated in the events. All the participants manifested their creativity with colours and depicted their perspective towards India in a very thoughtful manner. It was a very successful venture by team NIPSA and Art and Crafts members towards the celebration of Indian Independence.
- The club members prepared rangoli on various occasions including foundation day celebration on October 1, 2015; National Seminar organized by department of Pharmaceutical Analysis, on September 26, 2015; workshop organized by the department of Pharmacology on October 28, 2015; international conference (NIPICON-16) on January 21, 2015 and quiz competition NIRMAQUEST-16 on February 27, 2016.
- Art and Craft club started a club with a group of photography enthusiasts that enables to connect the like-minded photographers and provide them a platform to display their photographic skills.

Youth Welfare and Cultural Activities:

- Teachers’ day was celebrated on September 5, 2015 and the students made the day special for the teacher by handling their classes during the day as a part of the celebration.
- The Foundation day of Institute of Pharmacy was celebrated on October 1, 2015. Dr Abhijat Sheth, Director of Medical Services, Apollo Hospital, Ahmedabad was the chief guest of the programme.
- Rostrum’16 the annual cultural festival of the Institute was organized during October 14-15, 2016. More than 300 students participated. Shree Kirtidan Gadhavi, renowned Gujarati folk song singer, was the chief guest of the function.
- Ramzat-15 was organized at the university level on October 31, 2015.
- Culfest’16, the cultural festival was organized on February 16-17, 2016. Seven students participated from the Institute of Pharmacy.
- Social extension activities like health, hygiene and safety, importance of education, anti-tobacco drive, cleanliness drive and plantation event were organized at different villages throughout the year 2015-16.

Performance in Sport Activities

List of winners of the Institute in Inter Institute Sports Competition

Name of the Event	Winners (Boys)	Winners (Girls)
ShotPut	I: Chitan Pansara II: Mihir Bhatt	I: Alka Singh II: Shivangi Agrawal
Discuss Throw	I: Yogesh Buddha II Prize: Chintan Pansara	I: Shivangi Agrawal II: Niyati Pandya
400 mts	I: Jeet Lariya II: Akash Parikh	I: Ankita Joshi II: Nupur Shah
100 mts	I: Urvish Patel II: Akash Patel	I: Ankita Joshi II: Jasveen Dhingra
800 mts	I: Jeet Lariya II: Urvish Patel	-

1500 mts	I: Mihir Bhatt II: Jeet Lariya	-
Long Jump	I: Akash Patel II: Vedant Bansal	I: Nidhi Kuksal II: Helly Patel
High Jump	I: Prabhat Rajput II: Shyam Patel	I: Ankita Joshi II: Heema Pokar
4X100 relay	I: Urvish/Akash/Akash/Vedant II: Prabhat/ Krupal/ Dushyant/ Rasesh	I: Jasveen/Riya/Nidhi/Ankita II: Richa/Niyati/Nisha/Nupur
Javellin Throw	I: Farhan Talukdar II: Krupal Chaudhari	I: Alka Singh II: Nidhi Kuksal
Chess	I: Malhar Shah II: Monil Doshi	I: Aakruti Sharma II: Molisha Soni
Carom	I: Yogesh Budha II: Yash Sharma	I: Pruthvi Kapadiya II: Ankita Joshi
Table Tennis (Singles)	I: Saumitra Gajjar II: Omprakash Sharma	I: Kahini Patel II: Bansari Doshi
Table Tennis (Doubles)	I: Saumitra Gajjar, Dushyant Parmar II: Anmol Patwa, Deep Patel	I: Bansari Doshi, Ankolika Bhatia

Number of students who have passed the following competitive examinations

Sr. No.	Examinations	No. of Students
1	GPAT 2016	9
2	GRE	14
3	NMAT	8
4	TOEFL	8
5	IELTS	2
6	CAT	2

Alumni Association-Activities supporting students

- The General Body Meeting of Institute of Pharmacy Nirma University Alumni Association (IPNUAA) was organized on October 3, 2015, wherein several important decisions required for IPNUAA activities were taken in consultation with the active alumni members.
- IPNUAA organized alumni lecture series including ‘Margdarshan’ on the theme of “Higher Education @ Abroad” a unique interactive online video lectures delivered by alumni members Jay Bhatt (USA), Ankit Parikh (Australia), Nishant Patel (Canada) and Mitul Pandya (Canada) for the aspirant students seeking future prospects abroad at Smart Class, NU on September 19, 2015.
- The annual alumni meet of IPNUAA was held on January 26, 2016 at the Institute. Over 90 alumni attended the alumni meet. There were alumni members from first batches of B.Pharm. and M.Pharm. programme also. Prof. Manjunath Ghate, Director of the institute and President of the alumni association welcomed all the alumni members and shared the new initiatives at the institute during last year. Ms. Lincy Gomez-Fernandes, Coordinator Alumni Relations, Nirma University shared the objectives and proposed functions of Nirma University Alumni Forum. The alumni members also shared their views, feedback and experiences. Dr Dhaivat C. Parikh, Secretary of the association, encouraged alumni members for enhancing the alumni networking.
- First meeting of Nirma University Alumni Forum, Board of Directors on January 23, 2016, was attended by two alumni members Mr. Sujal Mayatra and Mr. Abhijeet Goon appointed as members in the Board of Directors.

Placement Services to the Students

Training Initiatives:

- Mock interviews conducted for all the registered students of final year
- Interview Etiquettes Training for all final year students
- Communication Skills Training of twenty-one hours to the students weak in Communication Skills
- Trainings Sessions on Resume Writing / Group Discussion
- Four Industry visits: Four Industry Visits including Cadila Pharma, Claris Lifesciences, Vadilal Industries, Piramal Healthcare
- 68 students placed comprising 25 students of Batch 2015-16; 43 students of Batch 2014-15, of which 9 students are of B Pharm., 58 students are of M. Pharm. and 1 Ph.D. student
- 27 students of M.Pharm sent for six months of more project training
- Placement and training of students at reputed companies like Zydus Research, Torrent Research, Piramal Healthcare, Alkem, Lupin Research, Cadila Pharma, Amneal Pharma, Jubilant lifesciences, Intas Pharma, Nestle Ltd., Abbott Healthcare etc.

Institute
of
Science

Institute of Science

INDEX

Sr. No	Particulars	Page
1	The Institute at a Glance	129-130
2	Outstanding Achievements and important activities	130-132
3	Curricular Aspects	132-133
4	Teaching-Learning and Evaluation	133-137
5	Research, Consultancy and Extension	137-147
6	Infrastructure and Learning Resources	148-148
	Student Support and Progression	148-150

Institute of Science

The Institute at a glance 2015-16

The highlight of 2015-16 was outstanding research performance by the faculty, PhD scholars and M.Sc. students. The faculty members received grant from various external funding agencies and presented and published papers in international and national

- 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. students: Mr. Dhavan Sharma and Ms. Bhumika Prajapati won best oral presentation award in international conferences; two M.Sc. / Ph.D. students: Ms. Suhani Palkhiwala and Mr. Parth Rajput received best poster prize and another student Ms. Darshna Brahmhatt Queen Elizabeth II Diamond Jubilee Scholarship programme.
- One seminar, a workshop on in vitro cell culture and three Faculty Development Programmes were organized at the institute. Ten dignitaries visited the institute and thirty six expert or invited lectures were arranged for the students of the institute.
- 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 six ongoing projects (DBT, DST, GSBTM) worth 160.49 lacs and have received the sanction three new grants worth 124.5 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 seven research papers in international journals were published by the faculty with average impact factor of 3.
- A total of twenty two papers were presented by the 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 reviewer-ship of international journals.
- The faculty members delivered thirteen invited lectures. In addition the institute also carried out various extension, placement, sports, youth welfare and cultural and extracurricular activities.

The Institute at a glance 2014-15

The highlight of 2014-15 was outstanding research performance by Faculty, PhD scholars and M.Sc. students.

- Three PhD scholars: Mr. Maharshi Pandya, Mr. Rajesh Parmar and Ms. Bhumika Prajapati, received international travel grant to present their papers in international conferences.
- Two PhD scholars: Dr Bhavesh Kevadiya and Dr Prashant Jena received Post-Doctoral Fellowships at USA.
- One PhD scholar was awarded DST Inspire fellowship and CSIR-NET while another received CSIR-SRF.
- One workshop on "Grow your cells and harvest the chromosomes: Methods & Mechanisms of Human Cytogenetics, , a lecture series "Current Trends in Molecular Biology" under CCE, a special course on 'Basic Genomics', an invited talk 'Women & Science' under Women Development Cell, a book exhibition and CME Immunology were organized at the institute. The institute Foundation Day and National Science Day were also celebrated.
- Fourteen dignitaries visited the institute and forty nine expert lectures were arranged for the students. The faculty members attended five workshops.
- One patent was filed Dr. Shalini Rajkumar at the institute.

- The faculty member/s completed one major grant (DBT) worth 27.23 lacs, worked on four ongoing projects (DBT, DST, GSBTM) worth 134.41 lacs and received the sanction of five new grants worth 113.8 lacs. Two minor projects of 6.85 lacs were ongoing, while four new projects worth 11.85 lacs were sanctioned.
- Nineteen papers in international journals and one research paper in national journal were published by the faculty with average impact factor of 1.97.
- Four faculty members attended national conferences and one faculty member participated in international conference, and total of twenty eight papers were presented at national/international conferences by faculty and students.
- The faculty received twelve awards and recognition in the form of membership in the editorial board or reviewer -ship of international journals, while students received four research awards. The faculty members delivered eleven invited lectures.
- The institute carried out various extension, placement, sports, youth welfare and cultural and extra-curricular activities.

Outstanding Achievements and Important Activities

Outstanding Achievement

- Mr. Rajesh Parmar, full time Ph.D. Student working under the guidance of Prof. Sarat Dalai received International Travel Grant from Department of Biotechnology (DBT) to participate and present paper entitled “Role of Innate microenvironment at the site of infection is crucial for generating memory T cells” at “International Innate Immunity Conference 2015” at Chania, Greece during June 19-24, 2015.
- Prof. Sarat K. Dalai, I/C Director, ISNU received International Travel Grants from American Association of Immunologists (AAI), Indian Council of Medical Research (ICMR), and Department of Biotechnology (DBT), Immunology Foundation (Talwar Foundation) to participate and present paper entitled “Generation of memory T cells by Vaccination that mimics Natural Infection” at the Annual Meeting of American Association of Immunologists (AAI-2015), held at New Orleans, LA, USA during May 8-12, 2015.
- Dr Mahendra Pal Singh Rajput, PhD student under the guidance of DrShalini Rajkumar graduated from the institute.
- Dr Sriram Seshadri and Dr Sonal Bakshi of the institute were nominated in the National Organizing Committee of ‘International Conference on Reproductive Health with Emphasis on Occupational, Environmental and Lifestyle Factors’ organized by National Institute of Occupational Health, Ahmedabad, February 2016.
- Dr Shalini Rajkumar was nominated as the member of Board of Studies, Department of Biochemistry at SM&N Virani Science College.
- Dhavan Sharma, student of M.Sc. Biotechnology fourth semester was awarded second prize for his oral presentation entitled ‘Targeting Transforming Growth Factor-Beta signaling during Antiestrogen treatment in Breast Cancer’ in Young Scientist Award category in Sixth International Translational Cancer Research Conference organized by The International Society of Translational Cancer Research and The Gujarat Cancer Research Institute at Ahmedabad during February 4-7, 2016.
- Khushali V. Upadhyay, M.Sc. Biochemistry student of 2013-2015 batch cleared GATE (Life science) this year with 94.3 percentile. Her GATE score was 483 and All India Rank was 585. She is now eligible to apply for JRF, Ph.D. and lectureship in top and recognized Institutes of India.
- Darshana Sureshbhai Brahmhatt, fourth semester, M.Sc. Biotechnology student was selected in Queen Elizabeth II Diamond Jubilee Scholarship programme of Memorial University, Canada. The scholarship sponsors for 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.

- Mr. Parth Rajput under the guidance of Dr Sriram Seshadri was awarded International Travel Support from Indian Council of Medical Research Government of India in September 2015.
- Bhumika Prajapati, Prasant Kumar Jena, Parth Rajput and Sriram Seshadri Chitosan prevents the progression of insulin resistance through gut microflora alteration in sugar rich diet mediated type 2 diabetes. Oral presentation at Sixth World Congress of Diabetes India at Chennai during April 9-12, 2015. Ms. Bhumika Prajapati won best oral paper presenter award for the session.
- Suhani Patel, full time Ph.D. student of Dr Sonal R. Bakshi received first prize for the poster entitled 'DNA Binding and Dispersion Activities of Titanium Dioxide Nanoparticles estimated with UV/Vis Spectrophotometry, Fluorescence Spectroscopy and Physicochemical Analysis at Physiological Temperature' at the National Conference on The Frontiers of Chemical Sciences and Potential Interfaces, organized by School of Chemical Sciences, Central University of Gujarat, Gandhinagar, during April, 10-11 2015.
- Parth Rajput, Ph. D. Student working under the guidance of Dr Sriram Seshadri, ISNU presented a poster entitled 'Targeting Type 2 Diabetes and Obesity: The Role of Gut Microbiota produced Short Chain Fatty Acid in Adiposity and Inflammation' at International Conference on Targeting Diabetes and Novel Therapeutics, September 14-16, 2015 at Las Vegas, USA. He was also awarded first prize for his poster.
- Madhavi Joshi, Ph.D. Scholar working under the guidance of Dr Ameer Nair, ISNU received Ravindra and Lalitha Nath Memorial Travel Award to present poster titled 'Effect of Hypoglycemia and Insulin Treatment on Heregulin Gene Expression, Oxidative Stress and Memory in Streptozotocin induced Diabetic Rats' in XXXIII annual conference of the Indian Academy of Neurosciences: Neuroscience research from mechanisms to applications organized by Department of Biochemistry, Punjab University Chandigarh, India in October - 2015.
- Mr. Rajesh Parmar won first prize for his paper 'Infectious Diseases: Challenges and Opportunities in Research and Practice' presented at National Conference of Institute of Pharmacy, Nirma University in January 2015.

Important Activities

Orientation Programme

The institute had organized week long orientation programme for its fresh batch of students enrolled under the M.Sc. Biotechnology, Microbiology and Biochemistry programme during July 6-11, 2015. The new batch consists of 72 students from different states of the country. Dr Anup Singh, Director General, Nirma University, presided over the inaugural programme and also encouraged students with his warm welcome speech. Dr Nasreen Munshi was the coordinator of the programme. The chief guest for the occasion was Dr Krishanu Ray, TIFR, Mumbai. Dr Ray shared his journey right from choosing science as a career to acquiring a scientist's position, with the students. He also delivered a talk titled 'Nano-size Motors and Meter-Long Journeys'. The programme lasted for a week and the students got a chance to interact with some of the eminent speakers from across the state like Dr Anand Bhadalkar, Sector Specialist, GSBTM, Gandhinagar; Dr Bhaswat Chakraborty, Cadila Pharmaceuticals; Dr Mrugesh Shukla, M.G. Science Institute, Ahmedabad; Dr Sonal Thakore, M.S. University, Vadodara and Mr. Alok Patel, Supratech Laboratory, Ahmedabad.

Foundation Day Celebration

The eleventh foundation day of the institute was celebrated on September 4, 2015. Chief Guest, Dr Mukul Jain, Sr. Vice President and Head of Nonclinical Research and Development Centre, Zydus Research Centre, Ahmedabad delivered a talk on 'Should Indian Pharmaceutical Industry change its Generic Mind set ?' Dr Manjunath Ghate, Director, Institute of Pharmacy, Nirma University presided over the function. Invited speaker Dr Pratibha Amare, Head of Cancer Cytogenetics Department, Tata Memorial Hospital, Mumbai, delivered a talk on 'Cancer Cytogenetics: Basic Applications in

Diagnosis and Disease Management’ in the post-lunch session. Dr Sonal Bakshi coordinated the programme of foundation day celebration. Eminent guests visited lab facilities and interacted with all the PhD students over posters presentations. They appreciated research activities and academics of Institute of Science.

Seminar on Current Trends in Molecular Biology

Institute of Science organized one day seminar on ‘Current Trends in Molecular Biology’ on March 8, 2015. The seminar was aimed at bringing the current trends of research and techniques in molecular biology to the attention of the faculty. The seminar was attended by all the faculty members of the institute.

Workshops

Two Day Workshop ‘*In vitro*: Art and Science of Cell Culture’ was organized by Dr Sonal Bakshi and Dr Ameer K Nair during February 2-4, 2016 in association with the Centre for Continuing Education, Nirma University.

Dignitaries Visited

- Dr Krishanu Ray, TIFR, Mumbai on July 7, 2015
- Dr Mukul Jain, Sr. Vice President and Head of Nonclinical Research and Development Center, Zydus Research Center, Ahmedabad on September 4, 2015
- Dr Pratibha Amare, Head of Cancer Cytogenetics Department, TATA memorial Hospital, Mumbai on September 4, 2015
- Dr Anand Bhadalkar, Sector Specialist, GSBTM, Gandhinagar on July 8, 2015
- Dr Bhaswat Chakraborty, Cadila Pharmaceuticals on July 7, 2015
- Dr Mrugesh Shukla, M.G. Science Institute, Ahmedabad on July 7, 2015
- Dr Sonal Thakore, M.S. University, Vadodara on July 11, 2015
- Mr. Alok Patel, Supratech Laboratory on July 11, 2015
- Dr Ashima Bhardwaj (IIAR) on September 30, 2015
- Shri Bhagyesh Jha, Chairman, Gujarat Sahitya Academy, Gandhinagar on September 23, 2015

I. Curricular Aspects

New Courses being offered

Microbial Ecology is the new elective that has been introduced in semester III. An additional component of Seminar has also been added to semester I.

Courses where major revision has been made

Revisions have been made in teaching scheme of supplementary courses offered to the students. Seminar I has been introduced in semester I. The bridge courses have been merged into one course as Basics of Biological Sciences and Professional English courses have been merged which will now be offered in Semester II.

Microbial Evolution has been replaced with Microbial Ecology and minor modifications have been done in syllabus of Reproductive Physiology, Biochemical Toxicology, Endocrinology, Understanding Gastrointestinal Hormones and Gut Associated Cancer, Pathogenesis of Diabetes.

There have been changes in the nomenclature of some courses. Seminar , offered in Semester II- has been renamed as Seminar II. The nomenclature of Enrichment course offered in Semester III has been changed to Dissertation tutorials, Dissertation part I has been renamed Research Methods, and Dissertation Part II and Viva-voce in semester IV has been renamed as Dissertation.

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 field experience and orientation for their future career.

II. Teaching – Learning and Evaluation

Innovation in Teaching-Learning and 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 and 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 also 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	Project	Collaborating Institute and Faculty	Programme	Area	Month and Year
Mansi Patel	Phytochemical Analysis and estimation of Radio-protective activities in bamboo species growing in Gujarat	IPNU with Dr Priti Mehta	M.Pharm	Pharmaceutical Analysis	April 2015
Darshna Ribadia, Kinjal Modi, Liza Ramani	In vitro Assessment of Cellular Genetic Damage possibly linked with exposure to Cell Phone Radiation	ITNU with Dr Mehul Naik, Dr Sonal Bakshi	M.Sc. Dissertation Project	Electronics and Communication	April 2016

Exam Reforms Implemented

The institute has implemented the components of Continuous Evaluation. This CE component includes 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. Dr Shalini Rajkumar and Dr Sonal Bakshi attended two day national workshop on Outcome Based Education on April 8-9, 2016 organized by ADR Cell, Nirma University.
2. Dr Shalini Rajkumar attended one day workshop on Gender Sensitization: Why and for whom on September 26, 2016 organized by Women Development Cell, Nirma University.
3. Dr Shalini Rajkumar attended two day teaching learning workshop conducted by Prof. Teri Basler, Curtin University on December 10-11, 2016 organized by ADR Cell, Nirma University.

4. Dr Vijay Kothari participated in ‘Renewing the Tradition of Natural Product Research in India: A Brain-Storming Meeting’, at Central Drug Research Institute, Lucknow, supported by SERB (Science and Engineering Research Board), New Delhi during January 21-23, 2016.
5. Dr Ameer Nair and Dr Vijay Kothari attended 2 week workshop on ‘Research orientation’ conducted by Academic Development and Research Cell held at Nirma University, Ahmedabad during June 22-July 4, 2015.
6. The faculty members of the institute attended Faculty Development Programme on Microscopy and Imaging Techniques conducted by the Olympus and DSS Imagetech Pvt. Ltd., New Delhi for faculty members during December 4-5, 2015 at the Institute of Science, Nirma University.
7. The faculty members attended the second module of Faculty Development Programme on Systems Biology Workshop held on December 16, 2015 at the institute.
8. The faculty members attended FDP on Functional Genomics and Proteomics, the third module of Faculty Development Programmes at Institute of Science which was a workshop held during February 9-10, 2016.
9. Dr Nasreen Munshi attended a workshop on ‘Strategic Planning’ on April 22, 2016 conducted by Prof. V. R. Iyer, Director, Centre for Continuing Education, at Institute of Science, Nirma University.
10. Dr Sonal Bakshi attended one day workshop on Plasma Technology at Institute for Plasma Research, Gandhinagar on April 29, 2016

Faculty Development Programmes (FDPs)

Microscopy and Imaging Techniques

Faculty Development Programmes have been arranged at the Institute of Science in three modules. The first module was a Workshop on Microscopy and Imaging Techniques by the Olympus and DSS Imagetech Pvt. Ltd., New Delhi for faculty members during December 4-5, 2015. This was academic initiative of DSS Imagetech involving lectures and hands-on demonstration of motorized fluorescence microscope. The programme was coordinated by Dr Sonal Bakshi. The lectures by Mr. Brijesh Alva included Basics of Microscopy and Contrast Techniques; Optical Slicing Techniques; F-techniques and TIRF Microscopy; Super-Resolution: Scanning vs Localization Techniques; Confocal and Deconvolution; Automated Multipoint Imaging and Switching of Multipoint Images; 3D Rendering and Co-localization. The second day sessions included demonstrations by Mr. Vishal Sahu on basics like anatomy of the microscope, optimizing settings, transmitted light and fluorescence, advanced image analysis, differential interference contrast etc. using standard slides. Some of the PhD students also attended the hands-on session. The workshop provided excellent opportunity to refresh the basics and updating recent advances in the field of microscopy. The participants appreciated valuable learning with the help of the experts from DSS Imagetech and Olympus

Systems Biology

The second module of FDPs comprise a workshop on Systems Biology which was held on December 16, 2015 and was coordinated by Dr Shalini Rajkumar. The primary objective of the workshop was to provide a forum to educate faculty members with the latest developments in one of the fastest growing field of life science, systems biology. It was intended to keep faculty members abreast with the recent developments in systems biology and sharpen the edge in research as well as teaching-learning. The invited experts were Dr Samrat Chatterjee, TSHTI, Faridabad; Dr Shekhar Mande Director, NCCS, Pune and Dr Ramray Bhat, IISc, Bangalore. The expert lectures covered the topics on - connecting high throughput dynamical networks with small scale mathematical models to understand disease mechanism, Systems Biology: Insights into some biological problems and the systems biology of the (glyco) microenvironment.

Functional Genomics and Proteomics

The third module of FDPs at the institute included a workshop on Functional Genomics and Proteomics which was held during February 9-10, 2016 and was coordinated by Dr Heena Dave. The primary

objective of the workshop was to provide a forum to educate faculty members with the latest developments in one of the fastest growing field of Genomics and Proteomics and their applications in the various diseases. It was intended to keep faculty members abreast with the recent developments in genomics and proteomics and sharpen the edge in research as well as teaching-learning process. It was attended by faculty members of Institute of Science, Nirma University, Ganpat University and PhD students.

A series of lectures were delivered by renowned scientists of India. Dr Kartiki Desai, NIBMG, Kolkata delivered a talk on 'Integration of genome wide platforms for personalized treatment of Breast Cancer'. Dr Utpal Tatu, IISc, Bangalore, shared his experience on 'Genomic and Proteomic approaches to study neglected diseases'. Dr Sanjeeva Srivastava, IIT, Mumbai delivered a talk on 'Basics of Proteomics: Protein Microarrays for the Autoantibody Biomarker Screening in Brain Tumour Patients'. Ms. Savita Bhosekar, Thermofisher - Life Technologies, covered two applications on 'Real Time PCR' and 'Next Generation Sequencing'. Ms. Niyati Dave, Bio-Rad, explained about 'Simplified cell sorting with high performance and sensitivity' and benefits of 'Digital Genomics within Nano Drops'. Mr. Osama Sait, Bio-Rad delivered lectures on 'Changes for better quality in Western blotting world' and 'Stain-free gel Technology and beyond'.

'In Vitro: Art and Science of Cell Culture'

The cell culture workshop was organized by Dr Ameer Nair and Dr Sonal Bakshi at Institute of Science during February 2-4, 2016. It was attended by a faculty, 4 Ph.D. students, and 4 M.Sc. students from St. Xavier's College, M.S. University, IIT Gandhinagar, Central University Gandhinagar, and M.Sc. Biochemistry, and Biotechnology of Institute of Science, Nirma University. Three-day hands-on workshop included cell culture methods related to suspension culture and adherent culture, basics of cell culture lab establishment and maintenance, sterile practices, etc. guided through lectures, practical and videos. The participants were from biological as well as engineering and material science backgrounds and were focused and interested to fill the knowledge gaps hence this was a truly interdisciplinary team. Dr Ameer Nair conducted animal house and hepatocyte culture related experiments. Dr Sonal Bakshi conducted human blood short term culture experiments. All the participants were actively involved in hands-on practical, interactive lectures, and examination that helped them summarize both the topics and clarify any doubts over the discussion that followed. In addition to workshop, manual as useful reference material and videos were also given in soft copies to each member. The participants found the workshop very interesting, informative, and useful. They also appreciated the facility, hospitality, and involvement of PhD students of Institute of Science, Madhvi, Suhani, Shikha, Aditi, and Navin during the practical work.

Invited/Endowment Lectures

List of Invited Speakers

Invited Speakers for Orientation Programme

- Dr Krishanu Ray, Associate Professor, TIFR, Mumbai
- Dr Mrugesh Shukla, M. G. Science Institute Ahmedabad
- Dr Bhasvat Chakraborty, Cadila Pharmaceuticals
- Dr Anand Bhadalkar, Senior Scientist, GSBTM
- Dr Sonal Thakore, M.S. University of Baroda
- Mr. Alok Patel, Supratech Laboratory, Ahmedabad
- Mr. Vincent Vaz, Counselor cum Trainer
- Prof. Anup K. Singh, Director General, NU
- Mr. Y.S.P. Kanwar, University Head, Corporate Relations, NU
- Shri Ashish Desai, Head, Student Activities, NU
- Dr A.S. Patel, Dy. Registrar, Exam & Ph.D section, NU
- Dr V. R. Iyer, Director, C.C.E, NU

- Dr Sonal Bakshi, Asst. Prof. IS-NU
- Dr Vijay Kothari, Asst. Prof. IS-NU
- Dr Lalitha Poluru, Librarian, IS-NU
- Mr. Tushar Patel, Placement Officer, IS-NU
- Dr Nityesh Bhatt, Asst. Prof. IM-NU
- Dr Satish Nair, Asst. Prof. IM-NU

Invited Speakers

- Prof. Ramray Bhat, Assistant Professor, IISC, Bangalore
- Prof. Samrat Chatterjee, Assistant Professor, THSTI, Faridabad
- Prof. B. J. Rao, Professor, TIFR, Mumbai
- Prof. Shekhar Mande, Director, NCCS, Pune
- Dr Utpal S. Tatu, Professor, IISC, Bangalore
- Dr Karitki Desai, Associate Professor, NIBG, Kalyani
- Dr Sanjeeva Srivastava, Associate Professor, IIT, Mumbai

Invited Speakers for Expert Lectures

- Dr Anju Papachan, Asst. Prof., IIAR, Gandhinagar
- Dr Parth Shah, DMG, Supratech, Micropath Lab Ahmedabad
- Dr Ashwin Patel, Oncologist, Ahmedabad
- Dr Ashima Bharadwaj, Asst. Prof. IIAR, Gandhinagar
- Dr Purvi Kakadia, University of Auckland, New Zealand
- Ms. Mansi Vishal, PanGenomics, USA
- Dr Phalguni Alladi, NIMHANS, Bangalore
- Dr Kum Kum Khanna, QIMR, Berghofer Medical Research Institute, Australia
- Mr. Tanuj Rohila, Motivational Speaker, Ahmedabad
- Dr Suman Jain, AIIMS, New Delhi
- Dr Parimal Mishra, University of Hyderabad

Non-Teaching Staff Development

Publications and Achievements by Library Staff

- Svetal H. Shukla was invited to visit and provide suggestions at S. D. Arts and B. R. Commerce College, Gandhinagar on August 13, 2015 for revamping their library.
- Dr Lalitha Poluru provided e-contents on 'Ethics and Prevention of Cyberspace Plagiarism' to e-PG Pathshala funded by the MHRD, India under its National Mission on Education through ICT during July 2015; provided course contents for two courses namely Community Based Information Services in Public Library and Interpersonal Communication Skills for LIS professionals for the Capacity Building Programme of National Mission on Libraries to revamp Public Libraries in the country. In addition she delivered a lecture at Advanced Training Programme on ICT Applications for Librarians that was conducted by INFLIBNET Centre, Gandhinagar during September 7- 27, 2015; a keynote speech on 'Role of Librarians in sustaining E-learning in Higher Education through Institutional Repositories' at UGC Sponsored Technical Conference cum Workshop on DSpace at Shri P. K. Chaudhary College of Women, Gandhinagar on May 16, 2015 and a lecture and hands-on practice session on 'Zotero Reference Management Open Source Software' as a part of 'Workshop on Literature Review and Referencing' on June 24, 2015 during Research Orientation Programme, organized by Academic Development and Research Cell of Nirma University from June 22 to July 4, 2015. She was also invited as one of the panellists for panel discussion on 'Knowing the Role of Librarians in building strategic relationships with Publishers' during Taylor and Francis India Book Roadshow 2015- Partnering with Librarians: Fostering Community and Discovery in Digital Age on June 26, 2015 in Ahmedabad.

Conferences and Seminars attended

- Dr Lalitha Poluru attended 18 International Symposium of Electronic Theses and Dissertations “Evolving Genre if ETDs for Knowledge Discovery” that was jointly organized by JNU, INFLIBNET and NDLTD November 4-6, 2015, New Delhi; Global Conference on “Emerging Trends in Business Libraries” held from 4-6 December, 2015 that was jointly organized by IIM, Ahmedabad and ISB, Hyderabad and Mohali at IIM, Ahmedabad and seminar on “Library as a Learning Space: Role and Relevance of Libraries in the Future” held on August 22, 2015 jointly organized by ADINET, INFLIBNET and Nirma University, Ahmedabad.

Training Programme

Mr. Rajendra Patel attended the training programme for Lab Assistants during December 28-30, 2015 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)
2015-16	3	87.61	6	160.49	3	124.50
2014-15	1	27.23	4	134.41	5	113.8

Minor Research Projects funded by external agencies

Financial Year	Completed		Ongoing		Sanctioned	
	Number	Amount (in lacs)	Number	Amount (in lacs)	Number	Amount (in lacs)
2015-16	3	7.25	3	11.45	0	0
2014-15	0	0	2	6.85	4	11.85

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
2015-16	1 (SB) CUG, 2NM, 1 SR	-	1	-
2014-15	4	-	1	-

New Research Projects (Externally funded/University funded)

Dr. Sarat Dalai, Professor was sanctioned a project titled “Infectious Nature of Plasmodia Modulating the Innate Response of host in Liver Stage Infection deciding the fate of Adaptive Immunity” by Department of Science and Technology, New Delhi. The grant sanctioned is of Rs. 52.10 Lacs.

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. The grant sanctioned is of Rs. 43 Lacs.

Dr Ameer K. Nair, Assistant Professor received a major project sanctioned from Department of Science and Technology for the project titled ‘Role of Synaptogenic Adhesion Molecules (SAMs) in Insulin Secretion: Effect of Diabetes and Hypoglycaemia’. The total amount sanctioned for the project is Rs. 29.40 Lacs.

Ongoing Research Projects

Name of the Faculty	Project Title	Funding Agency	Grant (In Lacs)	Duration
Dr Shalini Rajkumar	Molecular Basis of Succinate Mediated (catabolite) Repression of Mineral Phosphate Solubilization in Nitrogen fixing <i>Klebsiella Pneumoniae</i>	Science and Engineering Research Board, Department of Science and Technology, Government of India	28.88	3 years
Dr Shalini Rajkumar	Biochemical Basis of Repression of MPS Phenotype in Rhizobia	Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat	13.30	2 years
Dr Sarat Dalai	Development of Chimeric IL-15 to improve its Bioavailability and Efficacy	Department of Biotechnology, GoI	40.00	3 years
Prof. Sarat K Dalai	Understanding the Nature of Liver-Stage Specific CD8+T Cells generated following Infectious Sporozite Challenge that ensue long—lived protection against Plasmodia Infection	DBT, New Delhi	42.89	3 years
Dr Sarat K. Dalai	Identification of CD8+T cell – specific to liver-stage antigens of <i>Plasmodium berghei</i> to understand anti-malarial protective immunity	Gujarat State Biotechnology Mission, Department of Science & Technology , Government of Gujarat	19.75	3 years
Dr Sonal R. Bakshi	Idiopathic mental retardation and Dysmorphisms: Karyotypic and UPD Analysis	Gujarat State Biotechnology Mission, Department of Science & Technology , Government of Gujarat	15.67	3 years
Dr Sonal R. Bakshi	Downs Syndrome in Gujarat: Molecular Probing in Origin	Gujarat Council on Science and Technology	6.00	2 years
Dr Ameer K. Nair	Demographic Survey of Major Cities of Gujarat for creation of Diabetic Map	Gujarat Council on Science and Technology	14.60	2 years
Dr Vijay Kothari	Investigation of the Molecular basis of enhanced Exopolysaccharide (EPS) production by <i>Xanthomonas Campestris</i> under influence of audible sound	Gujarat Council on Science and Technology	3.99	2 years

Research Projects Completed

The Institute has successfully completed six externally funded projects. The details of the same are as follows:

Name of the Faculty	Project Title	Funding Agency	Grant (In Lacs)	Duration
Dr Shalini Rajkumar	Exploring the Colonization of Non-Rhizobia and understanding the fate of Rhizobacteria during Rhizobial Infection in Mung Bean	Department of Biotechnology, Government of India	26.89	3 years
Dr Mili Das	Identification of Compounds from Ginger, Cinnamon and Gooseberry Extracts having the potential to prevent Protein Aggregation and Characterization of their Mechanism of Action	BioCare Scheme, Department of Biotechnology, Government of India	44.77	3 years
Dr Mili Das	Generation of Thermostable Variants of a Mesophilic Amylase by Directed Evolution and their Characterization	Gujarat State Biotechnology Mission, Government of Gujarat	15.95	2 years
Dr Sarat K. Dalai	Comparative Study of the Nature of Innate Immunity generated in response to attenuated (gamma-spz) vs. infectious Sporozoite in Plasmodia Infection	Gujarat Council on Science and Technology	4.85	3 years
Dr Nasreen S. Munshi	Survey and Development of Strategy for Removal of Nutrients from Stagnant Water Bodies in and near Ahmedabad region	International Center for Entrepreneurship and Technology	00.40	1 year
Dr Sriram Seshadri	Evaluation of Boric Acid induced Male Reproductive Toxicity and ascertaining reversals Poptential of Hydro-Alcoholic Extracts of <i>Eclipta Alba</i>	Gujarat Council on Science and Technology	2.00	2 years

Publication by the Institute

Research Publication

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
2015-16	-	-	-	29	28	2.97
2014-15	1	0	0	19	14	2.26

Research Publications by Faculty

International Journals

Vyas Vivek K., Qureshi Gulamnizami, Ghate Manjunath, Patel Hardik, **Dalai Sarat** (2016). “Identification of Novel *Pf*DHODH Inhibitors as Antimalarial Agents via Pharmacophore-based Virtual Screening followed by Molecular Docking and In Vivo Antimalarial Activity”, SAR and QSAR in Environmental Research, doi:10.1080/1062936X.2016.1189959, **IF: 1.59 (eJournal)**

Mahendrapal Singh Rajput, Bhagya Iyer, Maharshi Pandya, Rahul Jog, Naresh Kumar G, **Shalini Rajkumar** (2015). “Derepression of Mineral Phosphate Solubilization Phenotype by Insertional Inactivation of *iclR* in *Klebsiella Pneumonia*”, PLoS ONE 10(9): e0138235. doi:10.1371/journal.pone.0138235. **IF: 3.8 (eJournal)**

Pandya Maharshi, Singh Rajput Mahendrapal, Kumar G. Naresh, **Shalini Rajkumar** (2015) “Exploring Plant Growth promoting potential of Non Rhizobial Root Nodules Endophytes of *Vigna Radiata*”, Microbiology, 84(1): 110–119. **IF: 1.2**

Rajkumar Shalini, Kevadiya Bhavesh D., Bajaj Hari C. (2015). “Montmorillonite/ Poly (L-Lactide) Microcomposite Spheres as Reservoirs of Antidepressant Drugs and their Controlled Release Property”, Asian Journal of Pharmaceutical Sciences, 10, 452–458. **IF: 0.5**

Tyagi R. K. , Garg N. K. , Singh R. S. , Sahu T., Katare O.P., **Dalai S.K.**, Awasthi A Marepally S.K. (2015). “Elastic Liposome Mediated Transdermal Immunization enhanced the Immunogenicity of *P. falciparum* Surface Antigen, MSP-1₁₉”, Vaccine, 33 (36):4630-38 (doi: 10.1016/j.vaccine.2015.06.05). **IF: 3.624**

Tyagi RK, Garg NK, **Dalai SK**, Awasthi A. (2015). “Transdermal Immunization of *P. Falciparum* Surface Antigen (MSP-119) via Elastic Liposomes Confers Robust Immunogenicity”, Human Vaccine and Immunotherapeutics, 12 (4): 990-992. DOI:10.1080/21645515.2015.1116656, PMID: 26810033. **IF: 2.5**

Tyagi RK, Garg NK, Singh B, Sharma G, Nirbhavane P, Kushwah V, Jain S, Katare OP. (2016). “Nanostructured Lipid Carrier Mediates Effective Delivery of Methotrexate to induce Apoptosis of Rheumatoid Arthritis”, International Journal of Pharmaceutics, 499 (1-2):301-320 (doi: 10.1016/j.ijpharm.2015.12.061) **IF: 3.66**

Jain A., Jain A., Garg N. K., **Tyagi R.K.** , Singh B. , Katare O. P. , Webster T. J., Soni V. (2015). “Ligand Anchored Polymeric Nanocarrier Mediate Extended Delivery of Transferrin-Methotrexate Conjugate: An Improved Understanding of Brain Cancer”, Acta Biomaterialia, 24: 140-51 (doi: 10.1016/j.actbio.2015.06.027) **IF: 6.025.**

Tyagi R. K. , Garg N. K. , Jain A. , Jain A. K. , Singh B. , Katare O. P. , Soni Vandana, (2015). “Nanoscale Drug Carriers Bypass Blood-Brain Barrier”, Materials Today, (<http://www.materialstoday.com/biomaterials/news/nanoscale-drug-carriers-bypass-blood-brain-barrier/>). Invited editorial/commentary on our accepted article in Acta Biomaterialia **IF: 14.10 (Webpage)**

Jain A., Kesharwani P., Garg N. K., Jain A., Jain S.A., Nirbhavane P., Agarwal A., Jain A. K., **Tyagi R. K.** (2015). “Galactose Engineered Solid Lipid Nanoparticles for Targeted Delivery of Doxorubicin”, Colloids and Surfaces B: Biointerfaces, 34: 47-58. **IF: 4.15.**

Jain A., Garg N. K., Jain, Nirbhavane P., Kesharwani P., **Tyagi R. K.** (2015). “A Synergistic Approach of Adapalene-Loaded Nanostructured Lipid Carriers and Vitamin C Co-administration for Treating Acne”, *Drug Dev Ind Pharm*, 17:1-9 (DOI: 10.3109/03639045.2015.1104343) **IF: 2.10. (eJournal)**

Garg N. K., Bhoop B.S., Sharma G., Kushwah V., **Tyagi R. K.**, Jain S., Katare O.P. (2015). “Development and Characterization of Single Step Lipid Polymer Hybrid Nanoparticles for Effective Delivery of Methotrexate”, *RSC Advance*, 42 (6): 897-905. (*RSC Adv.*, 2015, DOI: 10.1039/C5RA12459J) **IF: 3.84**

Sharma R., Gupta U., Garg N. K., **Tyagi R. K.**, Jain N. K. (2015). “Surface Engineered and Ligand Anchored Nanobioconjugate: A Dual Therapeutic Approach for Effective Oral Delivery of Insulin in Experimental Diabetic Rats”, *Colloids and Surfaces B: Biointerfaces*, (127):172-181 (doi: 0.1016/j.colsurfb.2015.01.035). **IF: 4.15.**

Shah Abheelasha, Raval Akansha, **Kothari Vijay** (2016). “Sound Stimulation can influence Microbial Growth and Production of certain Key Metabolites”, *Journal of Microbiology, Biotechnology and Food Sciences*, 5(4):330-334. DOI: 10.15414/jmbfs.2016.5.4.330-334. (No impact factor)

Krishna Patel, Arwa Kaizer Ali, Nishith Nair, **Vijay Kothari** (2015). “In vitro Antibacterial Activity of Manilkara hexandra (Sapotaceae) Seed Extracts and Violacein against Multidrug Resistant Streptococcus Mutans”, *Journal of Natural Remedies*, 15(1):1-11. DOI: http://dx.doi.org/10.18311/jnr/2015/466. **IF: 0.3.**

Bakshi Sonal R., Patel Suhani Sagar, Patel Palak N, Undre Sachin, Pandya Shivani R., Singh Man. (2015). “DNA Binding and Dispersion Activities of Titanium Dioxide Nanoparticles with UV/Vis Spectrophotometry, Fluorescence Spectroscopy and Physicochemical Analysis at Physiological Temperature”, *Journal of Molecular Liquids*, 213, 304-311. **IF: 2.515.**

Fulesh Kunwar and **Bakshi Sonal** (2016). “Familial Constitutional Rearrangement of Chromosomes 4 & 8: Normal Mother and Abnormal Progeny”, *Journal of Clinical and Diagnostics Research*, 10(4); 1-4, (DOI:10.7860/JCDR/2016/17298.754). **IF: 0.23**

Kunwar Fulesh, Pandya Vidhi, **Bakshi Sonal** (2016). “Constitutional Mosaic Trisomy 13 in two Germ Cell Layers is different from Patau Syndrome? A case report”, *Journal of Clinical and Diagnostics*, 10(3):3-5, Online: ISSN - 0973-709X, PUBMED cited. **IF: 0.23.**

Sahoo Tapasa Kumar, Jena Prasant Kumar, Patel Amiya Kumar, **Seshadri Sriram** (2015). “Purification and Molecular Characterization of the Novel Highly Potent Bacteriocin TSU4 Produced by Lactobacillus Animalis TSU4”, *Applied Biochemistry and Biotechnology*, 177: 90-104. **IF: 1.943.**

Rajput Parth, Prajapati Bhumika, Jena Prasant Kumar, **Seshadri Sriram** (2015). “Targeting Type 2 Diabetes and Obesity: The Role of Gut Microbiota produced Short Chain Fatty Acid in Adiposity and Inflammation”, *Journal of Diabetes and Metabolism*, 6(8): 78, **IF: 2.540.**

Rajput Parth, Prajapati Bhumika, Jena Prasant Kumar, **Seshadri Sriram** (2015). “The Role of Gut Microbiota produced Short Chain Fatty Acids in Adiposity and Inflammation in Obesity and Type 2 Diabetes”, *Journal of Biotechnology and Biomaterials*, 5 (6): 300. **IF: 2.00.**

Kain Vasundhara, Kapadia Bandish, Viswakarma Navin, **Seshadri Sriram, Prajapati Bhumika**, Jena Prasant K., Chandana Lakshmi, Meda Teja, Subramanian Maitreyi, Sashidhara Kaimal Suraj, Sireesh T. Kumar, Phanithi Prakash Babu, Bayar Thimmapaya, Janardan K. Reddy, Kishore V. L. Parsa, Parimal Misra (2015). “Co-activator Binding Protein PIMT Mediates TNF- α induced Insulin

resistance in Skeletal Muscle via the Transcriptional Downregulation of MEF2A and GLUT4”, *Nature Scientific Reports*, 15;5:15197, DOI: 10.1038/srep15197. **IF: 5.578.**

Talaria M., Kapadia B., Kain V., **Seshadri S.**, Prajapati B., Rajput P., Misra P., Parsa K.V.L. (2015). “MicroRNA-16 Modulates Macrophage Polarization leading to improved Insulin sensitivity in myoblasts”, *Biochimie*, 119: 16-26, **IF: 3.124.**

Prajapati Bhumika, Rajput, Parth, Jena, Prasant, **Seshadri Sriram** (2016). “Investigation of Chitosan for Prevention of Diabetic Progression through Gut Microbiota Alteration in Sugar Rich Diet induced Diabetic Rats”, *Current Pharmaceutical Biotechnology*, 17: 173-184. **IF: 2.558.**

Seshadri Sriram, Purandhar Kaveri, Pareek Nivedita (2016). “Age-Dependent Expression of Catspers in Human and Mice Sperm”, *Andrology*, 5 (1): 51-53. **IF: 0.583.**

Jena Prasant Kumar, Prajapati Bhumika, Mishra Pradyumna Kumar, **Seshadri Sriram** (2016) “Influence of Gut Microbiota on Inflammation and Pathogenesis of Sugar Rich diet induced Diabetes”, *Immunome Research*, 12 (1): 109-119. **IF: 7.10.**

Khambhala Pinakin, Verma Shailja, Joshi Sanjay, **Seshadri Sriram**, Kothari Vijay (2016). “Inhibition of Bacterial Quorum-Sensing by *Ferula Asafoetida* Essential Oil”, *Advancements in Genetic Engineering*, 5:1 <http://dx.doi.org/10.4172/2169-0111.1000i105>. **IF: 1.2. (eJournal)**

Purandhar Kaveri, Pareek Nivedita, Patel Disha, Patel Bhavin, **Seshadri Sriram** (2016). “Study of the Histoarchitectural and Biochemical Changes with Progression of Age in Male Mice”, *Zoologica Poloniae*, 59: 53-78. **IF: 0.79.**

Total Impact Factor and Citation Index

Total Impact Factor: **78.04**

Total Citation Index: **34**

International Conference, National Conference/ Seminar including abstracts

Shalini Rajkumar and Rahul Jog presented poster on “Mechanism of Plant Growth Promotion and Biocontrol by Novel *Streptomyces* Inoculants” at Asian PGPR Satellite Workshop during Sixth International Conference on Plant Pathogens and People, Challenges, at NASC Complex, New Delhi, on February 25, 2016.

Sarat Dalai presented poster on “Generation of Central Memory T cells by Vaccination that mimics Natural Infection” at AAI annual meeting at New Orleans, USA on May 10, 2015.

Purvi Zaveri, Rushika Patel, Jinal Patel, Milee Palande and Nasreen Munshi presented a poster on “*Pseudomonas Citronellolis*: A New promising candidate for degradation of Aromatic Hydrocarbons and their Intermediates” in International Conference on New Horizons in Biotechnology, organized by the Biotech Research Society, India and CSIR - National Institute of Interdisciplinary Science and Technology, Trivandrum, during November 22- 25, 2015.

Nasreen Munshi, Purvi Zaveri, Rushika Patel, Aditi Patel and Sameer Kureshi presented a poster on “Microbial Fuel Cells: Eco Friendly Construction and Comparison between various Electron Acceptors”, in International Conference on New Horizons in Biotechnology organized by The Biotech

Research Society, India and CSIR-National Institute of Interdisciplinary Science and Technology, Trivandrum, during November 22-25, 2015.

Rushika Patel, Purvi Zaveri, Meghavi Patel, Devaki Sarodiya and Nasreen Munshi presented a poster on “Study of Wasteland Isolate Inoculation on Germination of Jatropha Curcus Seeds in Wastelands of Gujarat” in Fifty-Sixth Annual Conference of Association of Microbiologists of India and international symposium on Emerging Discoveries in Microbiology organized by the School of Life Science, Jawaharlal Nehru University, New Delhi, during December 7-10, 2015.

Patel Pooja, Joshi Chinmayi, Kothari Vijay presented poster ‘Identification of the Active Principle(s) in the Peel Extracts of Punica granatum Linn, and a Panchvalkal preparation, possessing quorum sensing inhibitory potential”, during International Conference and Workshop on Structure Based Drug Designing and Application to Infectious Diseases at University of Hyderabad during February 1-5, 2016.

Chinmayi Joshi and Vijay Kothari presented paper on Quorum-Sensing Inhibitory Potential of the Extracts of Punica Granatum Linn, Phyllanthus embiliba Linn, Ziziphus jujuba Linn, and certain pure Phytochemicals during international conference on New Horizons in Biotechnology and XII Annual Convention of the Biotech Research Society at Trivandrum held during November 22-25, 2015.

Vijay Kothari made oral presentation “Mining the Natural Products in Search of Effective Quorum-Sensing Inhibitors” in the international conference Innopharm1: Novel Frontiers in the Pharmaceutical and Health Sciences at Bhopal held during October 10-11, 2015.

Nazia Saiyed, PhD scholar working under the guidance of Dr Sonal Bakshi, presented a poster at annual meeting of American Society of Human Genetics, Bethesda, Maryland, USA, titled “Sporadic Hidradenitis Suppurativa (Acne Inversa) and Acne Conglobata are not associated with Secretase Gene Mutations” held during October 6-10, 2015.

Suhani Patel and Dr Sonal Bakshi presented poster on “Are Zinc Oxide nanoparticles genotoxic? An in vitro study” at Trends in Cell and Molecular Biology, organized by BITS Pilani, K.K. Birla Campus, Goa, December 19-21, 2015.

Patel Mansi, Mehta Priti, Tewari Shikha, Sonal Bakshi presented a poster entitled “Radio Protective Effect of Plant Phyllostachys Parvifolia (Bamboo) Leaves on Radiation induced Genome Damage: An In Vitro Cytogenetic Study” during Thirteenth DAE-BRNS Biennial Tromby Symposium on Radiation and Photochemistry and Sixth Asia Pacific Symposium on Radiation Chemistry, Mumbai, held during January 5-9, 2016.

Patel Mansi, Mehta Priti, Tewari Shikha, Sonal Bakshi presented paper on “Comparison Study of Radioprotective Potential of Two Bamboo Species Phyllostachys parvifolia and Bambusa Arundinacea Leaf Extract on Ionizing Radiation Induced Genome Damage: an in Vitro Cytogenetic Study”, during Nirma Institute of Pharmacy International Conference held during January 21-23, 2016.

Anushka Shrivastava, Brijesh Kumar, Tara Nath, Sonal R. Bakshi and Vaidehi Jobanputra presented a poster entitled “Submicroscopic Chromosome Abnormalities in Products of Conception” at Forty-first Annual Conference of Indian Society of Human Genetics, Vision Research Foundation, Chennai, held during March 3-5, 2016.

Dipika, Urvashi Patel, Mehul Shiroya, Suhani Patel, Sonal Bakshi, presented a poster entitled “DNA binding Activity of TiO₂ Nanoparticles: An In Vitro Study” at ICMR sponsored one day National Seminar on Nano Particulate System: Establishing a New Paradigm to Drug Delivery, Therapeutics,

Diagnostics and Imaging in Medical Sciences organized by Department of Biotechnology, S. K. Patel College of Pharmaceutical Education and Research, Ganpat University, Mehsana on March 31, 2016.

Mehul Shiroya, Urvashi Patel, Dipika, Suhani Patel, Sonal Bakshi, presented a poster entitled “In vitro Chromosome Aberration inducing Activity of TiO₂ Nanoparticles” at ICMR sponsored one day national seminar on Nano Particulate System: Establishing A New Paradigm to Drug Delivery, Therapeutics, Diagnostics and Imaging in Medical Sciences organized by Department of Biotechnology, S. K. Patel College of Pharmaceutical Education and Research, Ganpat University, Mehsana on March 31, 2016.

Madhavi Joshi, Vinay Patel, Manjusha Pal and Ameer Krishankumar presented poster “In Silico Structural and Functional Prediction of Neuregulin 1 (NRG 1) : Versatile Therapeutic Molecule for CNS Remyelination?”, National Seminar on Recent Advances in Drug Discovery organized by Institute of Pharmacy, Nirma University, Ahmedabad on March 28, 2016.

Vinay Patel, Manjusha Pal, Viraj Mangrola, Madhavi Joshi, Ameer Krishnakumar Nair presented poster “Screening Nogo Receptor Inhibitors from Phyto-chemicals through Docking Studies”, in National Seminar on Recent Advances in Drug Discovery organized by and held at Institute of Pharmacy, Nirma University, Ahmedabad on March 28, 2016.

Radhika Patel, Madhavi Joshi and Ameer Krishnakumar Nair presented poster “Effect of Hypoglycemia and Insulin Treatment on Carbamyl Phosphatase 1 (CPS 1) Activity in Streptozotocin Induced Diabetic Rats”, held at Hyatt Regency, Ahmedabad organized by DIA-CARE and Public Health Foundation of India during November 20-22, 2015.

Madhavi Joshi and Ameer Krishnakumar presented a poster entitled “Effect of Hypoglycemia and Insulin treatment on Heregulin Gene Expression, Oxidative Stress and Memory in Streptozotocin induced Diabetic Rats” in XXXIII annual conference of the Indian Academy of Neurosciences on Neuroscience research from mechanisms to applications organized by Department of Biochemistry, Panjab University Chandigarh during October 31 - 2, November 2015

Nivedita Pareek co-authored with 5 others along with her dissertation guide Dr Sriram Seshadri, and presented her work entitled “Evaluating the Reversal Potential of Hydroalcoholic Extracts of Eclipta Alba in Boric Acid induced Male Reproductive Toxicity”. It was presented at International Conference on Reproductive Health with emphasis on Occupational, Environmental and Lifestyle Disorders and 26th Annual Meeting of the Indian Society for the Study of Reproduction and Fertility, organized by NIOH, Ahmedabad and ICMR, New Delhi, on February 18-20, 2016.

Ms. Kaveri Purandhar, along with Nivedita Pareek and her Ph. D. guide Dr Sriram Seshadri, presented her work entitled “Age-dependent Expression of Catspers in Human and Mice Sperm”, presented at International Conference on Reproductive Health with emphasis on Occupational, Environmental and Lifestyle Disorders and 26th Annual Meeting of the Indian Society for the Study of Reproduction and Fertility, organized by NIOH, Ahmedabad and ICMR, New Delhi, on February 18-20, 2016.

Bhumika Prajapati, Parth Rajput, Prasant Kumar Jena, Sweta Patel, Dipeeka Mandaliya and Sriram Seshadri presented poster on “Study the Impact of Gut Microbiota Modulation using Antibiotic in High Sugar Diet Mediated Type 2 Diabetes”, at international diabetes conference DIACON-2015 during November 20-22, 2015, Ahmedabad.

Sweta Patel, Bhumika Prajapati, Parth Rajput, Dipeeka Mandaliya and Dr Sriram Seshadri presented poster on “Role of Gut Microflora in Type 2 Diabetes and Liver Inflammation”, presented at international diabetes conference DIACON-2015 during November 20-22, 2015, Ahmedabad.

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

Books Chapters

Purvi Zaveri, Tanvi Modi, Lipi Parekh, Aditi Patel, Sameer Kureshi and **Nasreen Munshi** (2016). “Performance Analysis of Separators in Dual Chambered Microbial Fuel Cell and Treatment of Combined Industrial Effluent of South Gujarat”, in the 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. Print ISBN: 978-81-322-2771-7, Online ISBN: 978-81-322-2773-1, DOI: 10.1007/978-81-322-2773-1_24.

Sriram Seshadri (2016). “Exploiting the Vaginal Microbiota for Therapeutic Interventions. In: Mishra P. K. and Sharma R. S. (Eds.) Perspectives of Reproductive Health Research on a Post”, Development Framework, ISSRF Newsletter 2395-2806, pp 81-83, Pointer Publishers, India.

Ongoing Research Collaborations/ New Collaboration

Dr Sriram Seshadri, ISNU is working in collaborative research with:

- Dr Pradyumna K. Mishra, Indian Council of Medical Research, National Institute for Research in Environmental Health, New Delhi
- Prof. Parimal Mishra, Director, Research-Biology, Dr Reddy’s Institute of Lifesciences, University of Hyderabad
- Dr Kailash C. Panday, Scientist E, National Institute of Malaria Research, Indian Council of Medical Research, New Delhi
- Prof. Subhash Padhye, Director, Interdisciplinary Science and Technology Research Academy (ISTRA), Pune

Awards and Recognition

Dr Prof. Sarat Dalai I/c. Director of the institute, was invited as a Chair Person in the Sixth International Translational Cancer Research Conference, Hyatt Regency, Ahmedabad, India held during February 4-7, 2016.

Dr Shalini Rajkumar was appointed Reviewer at BMC Microbiology; nominated as a member of editorial board for the International Journal of Applied and Pure Science and Agriculture and as a member of JRF selection committee in School of Biosciences, Saurashtra University.

Dr Nasreen Munshi was nominated as the editorial board member for the Journal on Frontiers in Environmental Microbiology of Science Publishing Group, in June 2015.

Dr Rajeev Tyagi was appointed reviewer of International Journal of Pharmaceutics, Current Drug Delivery, RSC Nanoscale and AAPS PharmSciTech and academic editor/scientific adviser/Senior Consultant for Achievers League® USA Enriching Scientific Minds Worldwide. His career journey has been featured in the book on Life Science Avenues and Opportunities published by Vivify Media Pvt. Ltd and DBT, New Delhi, pages 43-44, 2015-16.

Dr Vijay Kothari received Bharat Shiksha Ratan Award on September 21, 2015 by Global Society for Health and Educational Growth at New Delhi.

Dr Sonal R. Bakshi was invited to review a paper in BMC Cell Biology in April 2016 and as judge for the poster presentation competition at the Current Trends in Biological Sciences organized by the Biochemistry Department of M. G. Science Institute during December 26 and 27, 2015.

Dr Ameer K. Nair was appointed on initiation as Reviewer for International Journal of Agriculture Sciences during May, 2015.

Dr Sriram Seshadri has been appointed in the editorial board of International Journal of Clinical Immunology, International Journal of Medical Microbiology and Tropical Diseases and Indian Journal of Microbiology Research.

Invited Lectures

Prof. Sarat Dalai attended Molecular Immunology Forum 2016 meeting organized by ACTREC on February 19-21, 2016 at L & T Leadership Development Academy Lonavala, Mumbai and gave a talk entitled “Infectious Challenge of *P. berghei* γ -spz Immunized Mice Prolongs Memory CD8⁺ T Cell Responses ensuing Protracted Protection”, on February 21, 2016. He also delivered a talk on “Understanding the Role of Sporozoite Challenge in the Shaping the Fate of Plasmodia Liver-Stage Specific CD8⁺ T Cell Memory” on February 23, 2016 at Indian Institute of Science Education and Research, Pune.

Dr Nasreen Munshi was invited as a resource person to talk on “Microbial Diversity in Sulfide Ores” in a workshop on Bioleaching of Sulphide Ores organized jointly by the Department of Microbiology and Department of Geology, M.G. Science Institute, Navrangpura, Ahmedabad, under DBT Star College Scheme on February 26, 2015.

Dr Nasreen Munshi was invited as a resource person to talk on Combined Industrial Effluents : Functional Microbial diversity exploration and applications for bioremediation” in a guest lecture series organized by Department of Microbiology, Shree Ramkrishna Institute of Computer Education and Applied Sciences, VNSGU, Surat on August 21, 2015 and on “Microbial Fuel Cell: An Interdisciplinary Approach for Wastewater Treatment” in International Conference on Recent Advances in Bio-Energy Research organized by Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala, Punjab, held during February 25-27, 2016.

Dr Vijay Kothari was resource person for the workshop on Modern Scientific Techniques for Indian Systems of Medicine and Natural Products Development organized by AU-KBC Research Centre, Anna University, Chennai and Department of Indian Medicine and Homeopathy, Government of Tamilnadu during July 29-31, 2015.

Dr Sonal Bakshi delivered an invited talk to B.Ed. students at the B.M. Institute of Mental Health, Ahmedabad entitled “Genetic Aspects” on November 19, 2015. She also delivered invited talk at the ICMR sponsored one day National Seminar on “Nano Particulate system: Establishing a new paradigm to drug delivery, therapeutics, diagnostics and imaging in Medical sciences” organized by Department of Biotechnology, S. K. Patel College of Pharmaceutical Education and Research, Ganpat University, Mehsana on March 31, 2016

Dr Sriram Seshadri gave a invited talk on “Understanding the role of Vaginal Microbiota as a Therapeutic Interventions for Female Tract Infections”, at Second International Virtual Congress organized by International Science Congress Association during April 5-10, 2015; “Understanding your Gut: A Novel Alternative Target for Diet Induced Diabetes” at Third International Conference on Herbal and Synthetic Drug Studies organized by ISTRA and University of Pune in association with Kansas Cancer Centre, USA during January 7-9, 2016; “In vivo Evaluation of Genetically Engineered Lactobacillus against Uropathogenic *E. coli*” at International Conference on Reproductive Health with emphasis on Occupational, Environmental and Lifestyle Disorders and Twenty-sixth Annual Meeting of the Indian Society for the Study of Reproduction and Fertility, organized by NIOH, Ahmedabad and ICMR, New Delhi, on February 18-20, 2016; and “Gut and Brain Axis-Cross talk through Gut Microbiota for Neuronal Regulation” on January 9, 2016 to undergraduate and postgraduate students of Microbiology and Zoology at Abeda Inamdar Senior College of Arts, Science and Commerce, Azam Campus, University of Pune, Pune.

Dr Heena Dave delivered an invited talk on “Perspectives in Cancer Research at DBT Summer School Workshop organized by M. G. Science College, Ahmedabad on May 26, 2015.

Research Awards/ Prize/ Schemes

Ms. Suhani Patel, PhD scholar working under the guidance of Dr Sonal Bakshi was awarded Best Oral Presentation Award for presenting a research paper on ‘DNA Binding and Dispersion Activities of Titanium Dioxide Nanoparticles estimated with UV/Vis Spectrophotometry, Fluorescence Spectroscopy and Physicochemical Analysis at Physiological Temperature’ in National Conference on

The Frontiers of Chemical Sciences and Potential Interfaces 2015 during April 10-11, 2015, organized by School of Chemical Sciences, Central University of Gujarat, Gandhinagar.

Mr. Rajesh Parmar has presented a poster in National Conference of Institute of Pharmacy, on Infectious Diseases: Challenges and Opportunities in Research and Practice entitled CD8⁺ T Cells in Liver Ensuing Protection to Plasmodia and won First Prize.

Internal Resources Generated

Dr Sarat Dalai received Green Clean Project as Industrial consultancy for Rs. 2.05 lacs.

Extension Activities/ Community Services by Institute/ Department

Visits to Hiramani Old Age Home

M.Sc. Semester-1 students with coordinator Dr Sonal Bakshi of the institute visited Hiramani Jivan Sandhya Old Age home on December 18, 2015. Various useful items for daily use in winter were gifted to around 105 inmates. The students arranged interactive and entertaining musical activities with the inmates who enjoyed the evening and profusely appreciated.

In addition the students along with Dr Sonal Bakshi of the institute visited the old age home on January 22, 2016 also and as per the wish of the inmates arranged movie show along with interactive and entertaining musical activities. The endeavour was appreciated by the inmates who thoroughly enjoyed the evening.

Visit to Centre for Special Children

M.Sc. Semester-1 students with coordinator Dr Sonal Bakshi of the institute visited Centre for Special Children at Sector-19, Gandhinagar on January 1, 2016. A kit of various personal care items was distributed to around 50 children which was sponsored by the ISNU faculty members and students. The students interacted with the superintendent and appreciated the efforts to meet the special needs of young children by the team. They played, danced and sang with the children and had a cheerful evening together.

In another activity, the students planned a visit of children of special children home, Sector-19, Gandhinagar to Nirma University on Republic day. Around 50 children and 3 staff members attended the flag-hoisting ceremony after which the students arranged for various activities for them which they enjoyed very much. The superintendent of the institute and children appreciated and thanked the students for giving them chance to visit beautiful Nirma Campus on a special day, and for arranging transport facility for them. The students also volunteered for their refreshments and gifts.

Participation in the World Autism Day

World Autism Day celebration at BM Institute was attended by 5 M.Sc. students, 3 PhD students, and one faculty as volunteers. They also attended lectures and submitted presentation, poem regarding autism at the event on April 22, 2015.

Linkages with National/ International Academic/ Research Bodies

The faculty members are having linkages with THSTI, Faridabad; Jawaharlal Nehru University, New Delhi; National Institute of Immunology, New Delhi; Indian Institute of Science, Bangalore; Maharaja Sayajirao University, Baroda; Indian Institute of Advanced Research, Gandhinagar; Gujarat State Biotechnology Mission, Gandhinagar; Forensic Science Laboratory, Gandhinagar; Gujarat Cancer Research Institute; 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 submit joint project proposals for external funding.

IV. Infrastructure and Learning Resources

Library-Learning Resources Added

Books (Volumes)	2,260
Books (Titles)	1,894
Print Periodicals	6
E-journals	10
Newspapers	3
Electronic Media (CD-ROMs)	103
Photo Albums	18
Project Reports	259
Bound Volumes	384

Laboratory Facilities-Major Additions

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.

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

Dhavan Sharma, M.Sc. Biotechnology, fourth semester student was awarded second prize for his oral presentation entitled “Targeting Transforming Growth Factor-Beta signaling during Antiestrogen treatment in Breast Cancer” in Young Scientist Award category in Sixth International Translational Cancer Research Conference organized by The International Society of Translational Cancer Research and The Gujarat Cancer Research Institute at Ahmedabad during February 4-7, 2016. Khushali Upadhyay, alumnus of the institute, Biochemistry batch 2013-15, cleared GATE (Life science). She got AIR 585 and 94.3 percentile.

Darshana Sureshbhai Brahmbhatt, fourth semester, M.Sc. Biotechnology student was selected in Queen Elizabeth II Diamond Jubilee Scholarship programme of Memorial University, Canada. The scholarship sponsors for 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.

Value Added Courses

A course on ‘Introduction to Professional Ethics, Rights and Duties’ is offered in semester II which is compulsory for all the students.

Student Club in the Institute/ University Activities

The Student club 'Institute of Science Students Association' was officially formed during September 2016. The faculty members were nominated while the student members for the post of President, Vice-president, Secretary, Joint Secretary and Treasurer were appointed through students' election process. As a part of 'National Khadi Day' student association, INSSA celebrated 'Khadi Day' on Saturday, October 10, 2015 at the institute. Faculty, staff members and students wore khadi dress to celebrate and encourage the use of Khadi textiles.

The student association of Institute of Science (INSSA) organized 'Card making competition' followed by an exhibition and sale of cards for a noble cause on December 18, 2015. Money realized from sale of card were donated to inmates of 'Hiramani Old Age Home'.

For the first time in the institute, celebration for various days was commenced. Red and Chocolate Day, Green and Brown, Group Day, Back to School Day, Signature Day was celebrated during January 25-30, 2016.

Sport Activities

The Inter-Institute Sports Competition for Volleyball and throwing events was hosted by Institute of Science during February-March, 2016. Dr Sriram Seshadri, Dr Vijay Kothari, and Dr Rajeev Tyagi coordinated various institute and inter-institute level sports events.

Youth Welfare and Cultural activities

The Annual Cultural Festival- Renaissance 2015 was held during September 23-24, 2015. The event was inaugurated by chief guest, Shri Bhagyesh Jha, Chairman, Gujarat Sahitya Academy, Gandhinagar. The event showcases the hidden talents of the students in the field of art, music, dance and drama. A total of 78 students from the institute participated in mime, debate, elocution, collage, spot painting, cartooning, rangoli, solo dance, group dance, folk dance, solo song, duet song, group song.

The annual Ras-Garba programme- 'Ramzat' was held on October 31, 2015. 54 students from the institute participated in the programme. Zalak Shah and Shivani Maheshwari got first and second prize in Best Dressed Student General, Female; Rehan Munshi, son of Dr Nasreen Munshi, got second prize in best performance- child category.

Hiral Gupta and Pooja Shinde won consolation prize in the debate completion held by Students' Welfare Board of the university to celebrate the 153rd Birth Anniversary of Swami Vivekananda, on January 12, 2016.

The institute won the second prize for the Best Play, Best Actress and Best Director Award for a play titled 'Ten Hours with a Terrorist' in the One Act Play Competition organized by Students' Welfare Board of the university on January 28, 2016 at the university as a part of Republic Day Celebration.

The institute participated in various events of inter-institute cultural festival held during February 16-17, 2015. A total of 37 students from the institute participated in mime, debate, elocution, collage, spot painting, cartooning, rangoli, solo dance, group dance, classical vocal, classical dance, solo song, duet song, group song. The institute won prizes in debate, spot painting, cartooning, rangoli, classical dance, classical vocal solo, group song. ISNU won 6 prizes in 6 events (03 first prizes, 03 second prizes).

Dr Heena Dave received third prize in the singing competition held for faculty and students to celebrate the Matribhasha Divas organized by Students' Welfare Board of the university on March 3, 2016.

Five students from the institute participated in the University level Essay Writing Competition organized by Students' Welfare Board of the university on March 18, 2016.

Women Development Cell, of the institute organised special lecture by Dr Phalguni Alladi, National Institute of Mental Health and Neurosciences, Bangalore on Genetic Predisposition of Women towards Genetic Diseases.

Performance in Sport Activities

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

No. of students who have passed the competitive examinations as NET, SLET, CAT, TOEFL, GRE, G-MAT, IELTS, GATE, GPAT, ICMR etc.

CSIR-SRF:	1
GATE:	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.

The 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 the alumni of the institute to get their updated details. The proposed activities at the university level like e-Newsletter etc. will further strengthen involvement of alumni of the institute.

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 pursuing Ph. D. degrees 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 programmes and dinner together.

Activities of Guidance and Counselling 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 comprise the identification of weak students both academically and communication wise. These students are given special emphasis by providing them with the baseline information, and handouts 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 41 students had registered for placement services of III cell. 11 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 appear for interviews. Some of the companies that visited conducted interviews includes: Intas Biopharmaceuticals, 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.

The students have been trained on interview etiquettes, resume writing, group discussion, making presentation etc. Mock Interviews for the students of the final semester was scheduled and feedback was shared with the students.

Institute

of

Law

Institute of Law

INDEX

Sr. No	Particulars	Page
1	Outstanding Achievements and important activities	152-157
2	Curricular Aspects	157-157
3	Teaching-Learning and Evaluation	157-157
4	Research, Consultancy and Extension	158-161
5	Infrastructure and Learning Resources	161-161
6	Student Support and Progression	162-167

Institute of Law

Outstanding Achievements and Important Activities

Achievements

National Legal Award 2015 for Excellence in Industry ‘Interface in Legal Education’ by Ministry of Law and Justice, Govt. of India

Rankings

- National Legal Award 2015 for Excellence in Industry “Interface in Legal Education” by Ministry of Law and Justice, Govt. of India
- Ranked 7th Best among private law colleges by The Week [June, 2015]
- Ranked 16th Best Law College by Outlook [July 06, 2015]
- Ranked 3rd in Career 360 Young Law School Ranking [January 2016]
- Institute of Law ranked as 1st Top Law Schools of Eminence in India by Global Human Resource Development Centre (GHRDC), March 2016.

IL-NU Team won Bar Council All India Moot Court Competition consecutively for three times!

The Institute of Law, Nirma University became the first private law school to create history by winning the 30th, 31st and 32nd All India Inter University Moot Court Competition in a row. The teams comprising Ronith Joy, Vaibhav Kumar and Arpit Singhvi (November 7-9, 2014), Harshit Choradia, Yash Bagra and Bharat Singh (February 5-7, 2015) and Dhananjay Kashyap, Prabhatkumar Rai and Akshay Dixit (March 5-7, 2016) won the 30th, 31st and 32nd All India Inter University Moot Court Competitions respectively, organized by the Bar Council of India.

In the 31st BCI Moot Competition, Bharat Singh won the ‘Best Male Advocate Award’ and the ‘Best Mooter Award’. The team also won the Best Memorial for the Semi Finals. In the 32nd BCI Moot Competition the team won ‘The Best Team Award’ and also ‘The Best Speakers’ trophy and ‘Best Memorial Prize’.

Institute Activities

National Conference on Justice Education

The institute organized a national conference on Justice Education on ‘Six Decades of Working of the Supreme Court of India’ during January 23-24, 2016. The conference was inaugurated by Prof. Upendra Baxi, University of Warwick, UK and Mr. Pravin H. Parekh, President, Confederation of Indian Bar and Senior Advocate, Supreme Court of India also graced the occasion. The keynote speakers of the conference were Dr Usha Ramanathan, Ms. Flavia Agnes, Justice C. K. Thakker, Mr. Madhav Godbole and Dr Jagruti Patel.

Eighth Annual Public Lecture

The institute organized the eighth public lecture on ‘Judicial Appointment Commission: A need for Reform?’ on July 25, 2015 under the Institute’s Annual Public Lecture Series. Mr. Mukul Rohatgi, Attorney General for India was the chief guest and delivered the key note speech on the said topic. Dr Karsanbhai K. Patel, President, Nirma University also graced the occasion with his presence.

National Conference on Sustainable Resource Management

The Centre for Environmental Law of the institute organized a conference on ‘Sustainable Resource Management: Problems and Prospects’ on March 19, 2016. The conference provided a platform for all the stakeholders to come out with possible solutions related to the issues involved in sustainable

resource management. Shri S. N. Shelat, Senior Advocate, High Court of Gujarat inaugurated the conference. Prof. M. K. Ramesh, Professor, National Law School of India University, Bangalore, Mr. J. D. Kalyani and Mr. Chirag Bhimani, Environment Engineers, Gujarat Pollution Control Board were the other dignitaries. On this occasion, the online journal website was also launched.

National Rounds of Louis M. Brown and Forrest S. Mosten International Client Consultation Competition

The Centre for ADR of the Institute of Law, organized the National Rounds of the Louis M. Brown and Forrest S. Mosten International Client Consultation Competition during January 29-31, 2016. 29 teams from all National Law Schools, prominent private law schools and faculty of laws participated in this competition. The team from V. M. Salgaocar College of Law, Goa emerged as the winner of the competition and National Law School of India University, Bangalore was adjudged as runners-up. The winning team of the national round shall represents India at the International Client Counselling Competition which scheduled to be held at Windsor, Ontario in Canada during April 20-27, 2016. Best Client Award went to the first year student of the institute, Mr. Prakhar Shukla. The final rounds and the valedictory function was graced by Hon'ble Chief Justice (Retd.) of Gujarat High Court, Justice R.A. Mehta, Mr. Tejas Karia, Partner, Shradul Amarchand, New Delhi along with Mr. Niranjana Bhatt, Senior Mediator and Senior Advocate, High Court of Gujarat.

Sixth ILNU International Moot Court Competition

The Sixth ILNU International Moot Court Competition was organized by the institute from February 12 to 14, 2016. The final rounds were judged by legal luminaries consisting of Hon'ble Mr. Justice R. S. Rathore, Judge (Retd.), High Court of Rajasthan, Prof. N. R. Subramanya, Mr. Murali Neelakantan and Mr. Rishabh Sancheti. Total 23 teams participated in the event. The team comprising Tejaswi Reddy, Surabhi Agarwal and Amrita Pratap of SLS, Pune won the trophy and the team comprising Mohit Khanna, Sindhura Polepalli and Janak Panicker of GLC, Mumbai were declared the runners up. The Valedictory Function was graced by Hon'ble Mr. Justice R. S. Rathore. Cash awards worth sixty thousand rupees were distributed among the finalists.

Fifth National Students' Conference on International Humanitarian Law and Refugee Law

The Centre for International Humanitarian Law Studies and Human Rights, ILNU, in association with the International Committee of Red Cross and United Nations High Commissioner for Refugees organized the fifth edition of National Students' Conference on "International Humanitarian Law and Refugee Law" on February 19, 2016. The Conference witnessed eminent personalities such as Dr Anuradha Saibaba, Regional Delegation for South Asia, ICRC; Ms. Teena Joseph, Asst. Refugee Status Determination Officer, UNHCR; Wg. Cdr. (Dr) U. C. Jha (Retd.) and Col. P. K. Gautam (Retd.), Research Fellow, IDSA. The speakers shared their insights on the various issues on the themes of the conference.

Symposium on 'The Agenda of Inclusive Growth: Locating Social Justice in Different facets of Governance'

The Centre for Social Justice of the institute, organized a one day symposium on February 20, 2016. Mr. Sukhdev Patel, Representative Civil Society; Mr. Bhushan Oza, Advocate, High Court of Gujarat; Mr. Tushar M. Dholakia, IAS, Social Defense Department, Gujarat; Mr. Gopinath M. Amin, Chairman Bar Council of Gujarat and Mr. Saurabh Anand, Assistant Professor Gujarat National Law University were the speakers during the occasion. The programme was attended by over eighty participants from across the country.

Model United Nations 2.0

The Second Model United Nations Conference was organized at the Institute during January 8-10, 2016. The four committees constituted for the MUN comprise: United Nations Security Council, United Nations Human Rights Council, United Nations General Assembly – DISEC and All India

Political Parties Meet. More than a hundred students from across the country engaged in intense discussions and deliberations on the issues of world concern.

Seminar on Remembering Kalam

Literary committee of the institute in association with the Students' Welfare Board organized a seminar on 'Remembering Kalam: An attempt to pay homage to the most loved President of the country' on August 3, 2015. It was organized as a tribute to our former president late Dr A. P. J. Abdul Kalam. On this occasion, the students Mr. Nalin Jha, Ms. Aadya Mishra and Mr. Chirag Jain, shared the inspirational stories from the life of Dr Kalam. The event was honored by the presence of Mr. Kunal Vohra, who had worked with Dr Kalam on the 'Mission Moon Project' in 2011. Mr. Vohra shared his working experiences with Dr Kalam.

Seminar on Magna Carta

In celebration of 800 years of Magna Carta, the Literary Committee, IL-NU organized a seminar on 'Magna Carta: Its impact on the working of Indian Constitution' on September 19, 2015. The key note speakers were Mr. R. Prasannan, Chief of Bureau, The Week, New Delhi and Mr. Mohan Guruswamy, Chairman, Centre for Policy Alternatives, New Delhi.

Seminar on Career Awareness

Seminar on Career Awareness in context of Company Secretary Course managed by Institute of Company Secretaries of India was conducted on September 9, 2015. Mr. Anand Soni, a Company Secretary by profession, enlightened the students about the said course as a career option.

Orientation Programme

The Orientation Programme for the new Batch of students (2015 – 2020) under the B.A. LL.B.(Hons.) and B. Com. LL.B. (Hons.) programme was organized during July 6 - 11, 2015. Ms. Pallavi Shroff, Managing Partner, Shradul Amarchand Mangaldas & Co., Advocates & Solicitors, New Delhi was the chief guest of the inaugural function and Mr. Gagan Sethi, Centre of Social Justice was the Guest of Honour. Shri K. K. Patel, COO, NU and Shri D.P. Chhaya, Director (A & GA), NU also graced the occasion.

Foundation Day Celebration

The Eighth Foundation Day of the Institute was celebrated on August 18, 2015. Mr. Somasekhar Sundaresan, Partner, Jyoti Sagar associates and solicitors graced the inaugural ceremony as the chief guest. Dr. Anup Singh, Director General of Nirma University, Shri. D. P. Chhaya, Director (A & GA, NU) and Shri. Ashish Desai, Honorary Head, students activities, NU were the other dignitaries who graced this event.

Connaissance 6.0

The institute organized its annual national literary and debating festival 'Connaissance' during August 21-23, 2015. The fest, in its sixth edition has made a name for itself with flagship events like the National Parliamentary Debate, the National Youth Parliament and the Connaissance Quiz Competitions. The parliamentary debate event was a huge success with more than three hundred participants from across the country including IIMs, NLUs and IITs.

Workshop on Public Policy for Young Leaders (iPolicy)

IL-NU along with Centre for Civil Society, New Delhi had organized a three day workshop on Public Policy for Young Leaders (iPolicy) from July 3 to 5, 2015 at the institute campus.

Workshop on Incorporation and Winding-up of Company

The Centre for Corporate Law Studies, IL-NU, successfully conducted a two day workshop on 'Incorporation and Winding Up of a Company' during September 2-3, 2015 for fifth and seventh

semester students. Mr. Tejpal Sheth, a practicing Company Secretary and associated member of ICSI and Advocate Mitul Desai, the founding partner of Mitul Desai and Associates addressed the students.

Centre Activities

Inauguration of IP Clinic under Centre for Intellectual Property Rights

Prof (Dr) Shamnad Basheer, Honorary Research Chair Professor of the Centre for IPR, Institute of Law, Nirma University inaugurated the IP Clinic at IL-NU on September 26, 2015. The IP clinic shall be providing IP Counselling and Advisory Services, Counselling Sessions to various stakeholders including academia, industry, NGO and enterprises on their queries to enable them to understand the implications of IPR Regime for day to day business and ways for protecting their invention under existing IP Laws. Shri K. K. Patel, COO, Nirma University presided over the function and Mr. Jatin Trivedi, Partner, Y. J. Trivedi and Co., Ms. Nilam Gadani, Patent Attorney, H. K. Acharya and Co. graced the occasion. The letter of intent was also signed between H. K. Acharya and Co. and the Centre for IPR Studies to carry out various activities related to IPR.

Open Discussion on Death Penalty

The Centre for Criminal Law and Justice organized an open discussion for the Students and Faculty on 'Death Penalty in the Context of Yakub Memon's Case' on August 5, 2015.

Waste Paper Collection Drive

The Center for Environmental Law organized a waste paper collection drive in the Institute premises during August 5-8, 2015. Apart from a noble intention of protecting the environment through re-cycle and re-use, the center also looked at the development of less privileged children around and took this opportunity to recycle the waste paper and distribute the books made out of recycled papers to children.

'KALRAV'- A Confluence of Kavi Sammelan and Short Skits

The Center for Social Justice, IL-NU organized 'Kalrav' - a confluence of Kavi Sammelan and short skits on September 3, 2015.

OZONE Week

The Centre for Environmental Law, IL-NU, in collaboration with Paryavaran Mitra (NGO working for Environmental issues) and Gujarat Regional Office of Gujarat Pollution Control Board, Ahmedabad celebrated OZONE week from September 16 to 23, 2015. The faculty members, staff members and students actively participated in the celebration by participation in poster making, face painting, t-shirt painting, documentary making, essay writing and slogan writing. Prizes were awarded to the winners of the competitions in the concluding ceremony. Mr. Mahesh Pandya, Director, Paryavaran Mitra and Ms Nehal Ajmera, Regional Officer, GPCB, Ahmedabad graced the occasion with their presence in the concluding ceremony.

Other Activities

Parents-Teachers Meet

On August 22, 2015, IL-NU organized parents – teachers meet wherein parents of the students of the institute, from across the country participated and actively involved in the interactive session. The Director welcomed all the parents/guardians to the meeting and briefed them about the curriculum design, curricular and extra-curricular activities of the Institute. Dr Tarkesh Molia, Academic Coordinator briefed about the academic activities at the Institute. Interactions of parents with the respective semester faculty members were arranged semester-wise in separate classrooms. The parents/guardians discussed with the faculty members about the academic and extra-curricular development of their ward.

Scholarship distributed to meritorious students

IL-NU distributed merit based and merit cum means scholarship to its first year students for the batch 2015 - 2016. 10 students received merit based scholarship and 15 students received merit cum means scholarship on January 23, 2016 from Prof. Upendra Baxi. A scholarship amount worth of Rs. 25 Lakhs was distributed among the eligible students

Course on 'Introduction to German Labour Law'

IL-NU organized a 15 hour lecture series on 'Introduction to German Labour Law' in collaboration with Prof. (Dr) Dietmar Boerner, from HoF University, Germany during September 9-22, 2015. The said course was offered to the VII and IX semester students, who were able to deliberate and discuss various issues and challenges that are being faced in India with respect to the Labour Laws. The lecture series was designed in such a manner that the students got a broader perspective about the comparative study of both the laws.

Certificate Course on Public International Law

The Institute, in association with Centre for Continuing Education, NU, conducted the Certificate Course on Public International Law. Designed for giving basic understanding about the subject, this subject would act as a foundation subject of other branches of International Law like International Human Rights Law, Maritime Law, and Law Relating to Outer Space etc.

Training on Fluent English Communication

Fluent English Communication training was conducted by Institute of Law under CCE in the months of February and March. It was a forty hour course wherein 30 students from the Institute of Technology and the Institute of Law participated. The students were trained in advanced grammar, vocabulary building, oral and written communication.

Judiciary Preparatory Classes

The preparatory classes for judiciary were organized for the students of institute. More than 150 students took training for preparation of judicial exams. The classes started from July 2015 to March 2016 on alternate weekends. The students were trained for 240 hours by faculty from Chandigarh and Delhi.

Competitive Examination Corner

The Corner was set-up in the Library to facilitate the students to prepare for the Judiciary, Civil Service, and Foreign Entrance Examinations etc. Hon'ble Mr. Justice M.R. Shah, Judge, High Court of Gujarat inaugurated the corner on October 8, 2015.

Educational Visits

- The students the Corporate Honors group (Division A) and Constitutional Law Group (Division C) of the seventh semester were taken to the field visit for attending Environmental Public hearing which is part of Environment Impact Process in India. It is part of their study under the course of Environmental Law under the topic Environment Impact Assessment. The visit were arranged in collaboration with Ahmedabad based NGO Paryavarn Mitra working for the cause. The students visited M/s. Oil and Natural Gas Corporation Ltd, Ahmedabad on July 9, 2015 and M/s. Dhanlaxmi Bio-chem Pvt. Limited on July 24, 2015. The students interacted with Gujarat Pollution Control Board officers.
- 60 students from Semester III of B.Com., LL.B. (Hons.) Programme visited different villages of Khedbrahma Taluka from July 23-26, 2015. The visit was the part of their credit course of Legal Awareness and Para-Legal Writing. This initiative was collaborated with NGO Centre for Social Justice and Apnaaghar to sensitize students on implementation of PESA- Panchayats (Extension to Scheduled Areas) Act, 1996 in tribal areas. They stayed in the remote tribal places of Khedbrahma and took the audit of implementation of PESA

Dignitaries Visited

78 dignitaries visited the Institute during the assessment period.

I. Curricular Aspects

- New courses being offered 37
- New Interdisciplinary Courses Added 8
- No. of Courses where major revision is made 5

II. Teaching-Learning and Evaluation

- Faculty completed Ph.D. 01

Innovation in Teaching - Learning and Evaluation

- Professional Trainings Course has been introduced in the curriculum structure from the fourth year with the aim to develop competency related to the career choice of the students.
- New Research Centre: Centre for Environmental Law and IP Clinic under Centre for IPR were established for enhancement of research skills of the students.
- Assessment Rubrics has been introduced for all the courses.
- Experiential Learning has been introduced in all the courses
- Moderation done in the Continuous Evaluation Paper.

Activities to Sustain Healthy Practices

- Samvaad Sessions- Discourse on contemporary issues are conducted to sensitize the students on certain socio-political and economics issues
- Mediation Training, Legal Workshop and various clinical aid activities are conducted to encourage the students to develop their knowledge and skills in the field
- Participation in various inter/intra colleges competitions like moot court, debate etc. to equip them in the legal field with more sharp knowledge
- Judicial Preparatory training for preparation of judicial examinations
- Conduction of Trial Moot Court Advocacy and Intra-Mural activities to get moot court experience
- Interdisciplinary Student projects – Two projects

Examination Reforms Implemented

- Showing Semester End Examination Answer Sheets
- Open Book Examinations in Selective Courses
- Moodle Examinations
- Introduce Re-Continuous Evaluation (CE)
- Constituted Appeal Committee to take grievances of the students related to CE/Internal Examinations

Number of Faculty Development Programmes attended by faculty: **32**

Number of Faculty Development Programmes organized by the Institute: **3**

Invited/Endowment Lectures: **24**

Non-Teaching Staff Development **2**

III. Research, Consultancy and Extension

Research / Consultancy Projects

Consultancy Project :

Amount in Lacs

Financial Year	Completed		Ongoing	
	Number	Amount	Number	Amount
2015-16	-	-	1	3.25
2014-15	2	6.75	1	3.25

Minor Research Project funded by External Agencies:

Amount in Lacs

Financial Year	Ongoing	
	Number	Amount
2015-16	1*	2.00
2014-15	-	-

* Sanctioned 2015-16

Minor Research Project funded by Nirma University:

Amount in Lacs

Financial Year	Institute	Completed		Ongoing	
		Number	Amount	Number	Amount
2015-16	Law	1*	0.30	3*	2.00
2014-15	Law	1	1.00	1	1.00

* Sanctioned in 2015-16

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
2015-16	12	Rs 79327/-	01	Rs 15682/-
2014-15	07	Rs 19387/-	07	Nil

Details (Financial Year 2015-16):

Ongoing Research/Consultancy Projects

5

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs in Lacs)
Minor Research Project funded by Nirma University				
1	Problem based Learning in Legal Education	Dr Shalini S.	Nirma University	0.80
2	Participatory Gender Audit of Nirma University	Mr Yogesh Dharanghutti Dr Tarkesh Molia	Nirma University	1.00
3	A Study on Issues in Implementation of the	Dr Krishna Pal Malik Ms Bhumika Nanda	Nirma University	0.20

	Maintenance and Welfare of Parents and Senior Citizens Act-2007 : A Sociological Exploration			
Minor Research Project funded by External Agencies				
4	District Action Plan for Protecting Childs Rights (Vadodara and Banaskantha)	Dr Krishna Pal Malik	Mahatma Gandhi Labour Institute / Government of Gujarat	2.00
Major Research/Consultancy Project				
5	Framing of rules for Gujarat Water Supply and Sewerage Board, Gandhinagar	Prof. (Dr) Purvi Pokhariyal and Dr Tarkesh Molia	Gujarat Water Supply and Sewerage Board, Gandhinagar	3.45
Total				7.45

Research Projects Completed

1

Sr. No.	Title of the Project	Project Investigator/s	Funding Agency	Grant (in Rs in Lacs)
1	Contribution of the High Court of Gujarat in Public Interest Litigation : An Analytical Study	Prof. (Dr) Purvi Pokhariyal Dr Krishna Pal Malik	Nirma University	0.30
Total				0.30

Research Publications

Financial Year	National Journal			International Journal		
	Number of Papers Published	Number of Papers considered for Calculation of Average Impact Factor	Average Impact Factor	Number of Papers Published	Number of Papers considered for Calculation of Average Impact Factor	Average Impact Factor
2015-16	11	02	3.00	09	05	3.32
2014-15	5	0	0	1	0	9

Research Publications by Faculty

International Journals	9
National Journals – Refereed Papers	11
Books:	7
Chapters in Books:	1
Working Paper:	1

Awards and Recognitions

National Legal Award 2015 for Excellence in Industry “Interface in Legal Education” by the Ministry of Law and Justice, Govt. of India

Rankings

3rd in Career 360 Young Law School Ranking (January 2016)

16th Best Law College by Outlook (July 06, 2015)

17th Best among private law colleges by The Week (June, 2015)

Internal Resources Generated

Summary

Revenue Generated

Financial Year	Consultancy	Testing	Training
2015-16*		57,895	
2014-15		3,78,605	

*Tentative-Unaudited

Extension Activities/Community Services

Legal Aid to Prisoners at Sabarmati Jail

During the year, every Tuesday, a group of students, who are part of Legal Aid Clinic and others too, took active part in providing legal services to prisoners at Sabarmati Jail. During this period, the legal aid team has visited Legal Aid Clinic at Sabarmati Jail 42 times and counselled 216 under-trial inmates’ on deferent issues like Narcotic drugs, murder, rape and offence under section 498A and assisted 42 detainees in getting legal advocates through Gujarat State Legal Service Authority.

Legal Awareness Workshop by Para Legal Volunteers

Legal Aid Clinic of the institute, in collaboration with Legal Service Authorities, Gandhinagar took up the drive to bring legal awareness among the rural masses. Selected students underwent training as Para legal Volunteers. They get orders for their duties like conducting legal literacy workshops, collecting information from various police stations regarding missing children, etc. The students have been performing their duties as per their orders. They also get remuneration for these activities from legal service authorities, Gandhinagar as an incentive. During this period, the students organized 52 rural campus in association with Gandhinagar Taluka Legal Aid Authority. The committee also organized eight legal awareness camps in rural areas of district Ahmedabad and Gandhinagar, by which around 600 people were benefitted.

Legal Awareness Workshop

On the occasion of awareness drive for Women Empowerment during August 1-15, 2015 by Gujarat Government, the Legal Aid Clinic of the institute, in association with District Legal Service Authority, Gandhinagar conducted a legal awareness programme at Kadi Sarva Vishwavidhyalaya on August 8, 2015.

The audiences for the event were nearly hundred girls studying BBA. The event included two skits addressing various socio-legal issues related to women and basic understanding of the laws relating to the women was imparted. Information regarding various government schemes for the uplift of women was also shared. The management and the students of the Vishwavidhyalaya heartily appreciated the endeavour.

Legal Literacy Workshops on Gender Sensitization

The students of the final year are encouraged to spread legal awareness. This year, the institute is working on spreading awareness on gender sensitization. The students have selected varied avenues

to spread legal awareness especially related to women. This time they have been to schools, old age homes, institutions for disabled, academic institutions, BPOs, juvenile homes to name a few. Some of the places are S. K.U.M. School, Vikas Gruh Girls High School, A. G. Higher Secondary school, Hiramani old age home, Jivan Sandhya Kutir, S. K. Patel College of Management Studies, Sejal Samir Commerce Institute, Apang Manav Mandal, Parichay NGO.

Programme for Para-Legal Volunteers

The legal aid committee organised a three day training programme for para legal volunteers from March 12 to 14, 2016 in association with Centre for Social Justice, Ahmedabad. It was attended by 110 participants from across the country. During these days participants were given training on the issues like labour laws, prisoners' rights, law relating to children and women, transparency in governance in addition to various other issues.

Legal Awareness Programme at Sabarmati Jail

On October 3, 2015, the students Legal Aid Clinic, Institute of Law, Nirma University organized a legal Awareness programme for the prisoners at Sabarmati Central Jail, Ahmedabad. The function was presided over by **Justice M. R. Shah**, of Gujarat High Court. **Shri K.K. Patel**, COO of the Nirma University was the Guest of Honour. Students of legal Aid Clinic presented few skits bringing legal awareness among the prisoners. Jail Authorities very cooperative especially **Dy. S. P. Mr V. H. Dindor** and Senior Jailer **Mr. Kambodia**

IV. Infrastructure and Learning Resources

Computer Facilities: Added

One Computer for Smart Class on April 24, 2015

Library: Learning Resources added

Number of Books for Technical Subjects added during the year 2015-2016			
No. of Titles and Volumes Added during the Cumulative Year 2015-2016		Total No. of Titles and Volumes as on March 31, 2016	
Title	Volumes	Title	Volumes
371	477	6653	8505

Number of Books for Science and Humanities during the year 2015-2016			
No. of Titles and Volumes Added during the year 2015-2016		Cumulative Total No. of Titles and Volumes as on March 31, 2016	
Title	Volumes	Title	Volumes
178	194	1809	2173

Number of Periodicals Journals including E journals during the year 2015-2016	
Added during the year 2015-2016	Cumulative Total as on March 31, 2016
1 Print	97 Print + 2364 Online
Other Material including software Cds, cassettes and other audio visual materials	
Added during the year 2015- 2016	Cumulative Total as on on March 31, 2016
19	351

Civil Work in Progress/completed in the year

Smart Class Room Constructed

V- Student Support and Progression

Cut-off Percentage Marks: Category Wise

Cut-off Percentage Marks: Category Wise Admissions for the year 15-16

General Category: 75.35 (CLAT Rank 2631)

NRI Sponsored Category: 33.25 (CLAT Rank 20837)

Students' Achievements

Moot Court Achievement

Sr. No.	Team	Position	Moot Court Competition
1	Brihan Madhav, Sanket Gupta, Manvi Damle	Winners	15th Amity National Moot Court Competition
2	Prabhat Kumar Rai, Dhananjay Kashyap, Akshay Dixit	Winners	32nd Bar Council of India Moot Court Competition
3	Bharat Singh, Yash Bagra, Harshit Chordia	Winners	31st Bar Council of India Moot Court Competition
4	Rhea Sevak, Pragya Singh, Mili Baxi	First Position	Qualified for the International Rounds of SAARC Moot Court Competition
5	Alind Chopra, Tanay Tiwari, Chiranjeev Saboo	Winners	9th B. R. Sawhney Moot Court Competition
6	Shobhit Shukla, Garima Sharma, Angad Ahuja	Runner Up	1st UILS Chandigarh Moot Court Competition
7	Saloni Agrawal, Shubham Kr. Sharma, Karan Parihar	Runners Up	8th Lokmanya Tilak Appellate National Moot Court Competition 2016
8	Dhruv Grover, Harsha Asnani, Kashika Changulani	Runners up	SP Sathe 10th Memorial National Moot Court Competition
9	Aastha, Rubel, Aayasha	Runners up	I. M. Nanavati Moot Court Competition
10	Prapti Kedia, Barkha Gupta, Mudit Maheshwari	Runners Up	6th M.S. Ramaiah Moot Court Competition
11	Shraddha Tripathi, Anjali Upadhyay, Devesh	Semi Finalists	2nd AURO National Moot Court Competition, Surat
12	Devashish Pandey, Pranjal Kalantri and Priyanka Sisodia	Semi Finalists	3rd International Law Court, Karnataka State Law University
13	Rahul Ranjan, Shreyans Ranka and Jitendra Sharda	Semi Finalists	1st VITSOL International Law Moot Court Competition
14	Ritisha Mukherjee, Sahil Jain and Masumi Nanavaty	Semi Finalists	8th Justice Hidayatullah Memorial National Moot Court Competition 2016
15	Yash Tripathi, Varun Pandey and Alok Vapeyi	Semi Finalists	27th Kerala Law Academy National Moot Court Competition
16	Ekagra Jain, Chirag Jain, Vinayak Kapoor	Semi Finalist	4th NALSAR NFCG-Corporate Law Moot Court Competition
17	Spandan Saxena, Arjit Adaval, Uzma Sheikh	Semi Finalists	14th JUSTA CAUSA National Law Festival's National Moot Court Competition

18	Sakhi Shah, Jay Nene & Siddharth Jain	Semi Finalists	D.Y. Patil College
19	Prateek Mago, Isha Sanghi, Sonesh Jain	Semi Finalist	BITS Pilani K. K. Birla Goa Campus
20	Rahul Ranjan, Shreyans Ranka and Jitendra Sharda	Best Speaker, 2nd Best Speaker, 2nd Best Memorial	1st VITSOL International Law Moot Court Competition
21	Aishwarya Chouhan, Vishal Singhal, Ojusvi Sahay	Best Appellants Memorial Award	6th Geeta National Moot Court Competition
22	Guneet Bang, Parth Kochatta, Lokesh Deshwal	Best Advocate, Second Best Advocate	14th Surana and Surana National Corporate Law Moot Court Competition
23	Yash Tripathi, Varun Pandey, Alok Vapeyi	Third Best Speaker	27th Kerala Law Academy National Moot Court Competition
24	Spandan Saxena, Arjit Adaval and Uzma Sheikh	Best Mooter Award	14th Justa Causa National Law Festival National Moot Court Competition
25	Aastha, Rubel, Aayasha	the best written submission for the Respondents	I. M. Nanavati Moot Court Competition
26	Saloni Devpura, Ishan Arora, Manan Doshi	Best Memorial Award	NJ Yasaswy Moot Court Competition
27	Prakhil Mishra, Vanshaj Mehta, Aniket Desai	Best Memorial Award	5th FYLC RANKA Moot Court Competition
28	Ekagra Jain, Vinayak Kapoor, chirag Jain	Best Oralist, Best Memorial	4th NALSAR NFCG-Corporate Law Moot Court Competition
29	Prabhat Kumar Rai, Dhananjay Kashyap, Akshay Dixit	Overall Trophy and Gold Medal; Best Memorial in Quarters, Final Round, Best Speaker in Semi Final; Round; Final Round; Best Advocate	32nd Bar Council of India Moot Court Competition
30	Bharat Singh, Yash Bagra, Harshit Chordia	Best Male Advocate award, Best Mooter award of the finals, Best Memorial in semi-final	31st Bar Council of India Moot Court Competition
31	Shobhit Shukla, Garima Sharma, Angad Ahuja	Best Memorial Award	1st UILS Chandigarh Moot Court Competition
32	Prapti Kedia, Barkha Gupta, Mudit Maheshwari	Best Student Advocate Award	6th MS Ramaiah Moot Court Competition
33	Sathak, Saakshi, Alaukik	Best Memorial Award	Herbert Smith Freehills Moot Court Competition

Other Achievements

- Vedansh Sharma, Prateek Mago, and Himanshu Subodh Awasthi of IL-NU won various awards at the Jaipur Youth Parliament organized in Jaipur. Vedansh Sharma received high commendation representing Ravi Shankar Prasad in Lok Sabha debating on the Uniform Civil Code. Prateek Mago also received high commendation while representing Mr. Pappu Yadav. Himanshu Subodh Awasthi represented Shri L. K. Advani and received a special mention from the EB.
- Roomani Shah of 9th Semester got selected as one amongst the 20 individuals from all over the world to attend the 8th Annual Liberty camp from September 23-28, 2015 organized by Društvo

Svetilnik (Lighthouse Association) from Slovenia in partnership with the Cato Institute from the United States and the Institute of Economic Affairs from the United Kingdom at Slovenia, Europe.

- Tanay Tiwari of 5th Semester stood at 3rd position out of more than 3000 entries to attend the Commonwealth Legal Education Association and European College of Law (ECL)'s Summer School at London from September 24-29, 2015 as his research article was selected as part of competition on Transnational Legal Education-Prospects and Challenges conducted by CLEA-ECL.
- Pradyumna Purohit, alumni of the batch of 2010-2015 won the Upendra Baxi Scholarship, which is a departmental scholarship by Warwick Law School. He has won the scholarship for LL.M. in International Development Law and Human Rights at the University of Warwick.
- Saloni Devpura, Ishan Arora and Manan Doshi won the Best Memorial Award in the NJ Yayaswy Moot Court Competition held in Dehradun by ICFAI University on October 16-17, 2015.
- Ankit Tripathi won the Inter Institute Gujarat State Inter University Leadership Contest 2015 organized by the Sardar Patel Leadership Foundation held in Gujarat Vidyapith, Ahmedabad on December 5, 2015.

Value Added Courses

Number of Co-curricular activities organised: 27

Students' Clubs Activities

VIBES-2015

The institute organized its annual national cultural and sports festival - VIBES during October 1- 4, 2015. Students from various colleges across the country participated in the field of Art, Music, Dance, Literary, Theater, Life Style and Sports. Flagship Events of this festival were Barn Dance, War of Bands, War of DJ's, Fashion Fiesta. Trophies, prizes, awards were distributed to the winners of the events conducted during the Festival.

Model Indian Parliament 'Pratinidhitva' was the highlight of the festival. It is the first Model Indian Parliament organized under the auspices of VIBES. Model Indian Parliament is a simulation of Indian Parliament and various other committees where students learn about diplomacy, parliamentary procedure, and political demographics of country. The Chief Justice of the event was Shri Tarun Vijay, a renowned Indian author, thinker, social worker, famous freelance journalist, and parliamentarian and is currently working as the director of the Dr Syamaprasad Mookerjee Research Foundation.

Fresher Party

A fresher's party was organized to welcome the batch of 2015- 2020 on July 17, 2015. Student Welfare Board of IL-NU helped in organizing the event which was first of its kind. Ms. Rubel Bareja and Mr. Shreshth won the Mr. and Miss Fresher prize.

Melange

The Students' Welfare Board at the institute organized the cultural event: Melange' 15, the cultural festival on July 31, 2015 for the first year students. The students participated and performed in various events like Dance - Solo/Duet/Group, Singing- Solo/Duet/ Instrumental, Mono Acting and Mad Ads and Stand Up Comedy.

AGON

'AGON- 2015' a fresher's drama competition was organized by pratibimb, the theatre club of the institute under the auspices of Students' Welfare Board, which took place on August 7, 2015 at the university campus. Splendid performances were given by the seven teams through performing various plays. The plays were on the burning issues in today's scenario which included LGBT Marriage, Misleading Advertisements, and Communal Riots etc. The purpose of this event was to provide a platform to the fresher's to showcase their talent. The play named 'Fauji' was adjudged as best play and the play 'Kashmakash' won the Runner's up prize. Mr. Raghvendra Pathak was adjudged as best actor, Ms. Sakshi Pawar was adjudged as best actress and Mr. Somdev Tiwari was adjudged as best mentor.

Tangerine 2.0

The music club of the institute organized the second edition of its flagship event Tangerine 2.0 on September 18, 2015. The entire event included energetic and mesmerizing musical performances by the students of the institute. The students from 1st year to 5th year were a part of the musical evening. Performances included classical, semi-classical, solos, duets. A song composed by the students named 'Hotel Kerala- Fornia' stole the hearts of the audience. The event ended with an energetic performance by the band 'Gangs of Wassepur' which depicted the cultures of our Indian villages.

ODIC

Odic' 15, the first ever initiative at the institute to celebrate Hindi Diwas was celebrated on September 14, 2015. The students were dressed up in traditional attires and classical performances, recitation of literature in Hindi by faculty members and students were the star moments of the celebration.

Students' Club for Judicial and Civil Services Examination

The students of the institute have formed a student Club for Judicial and Civil Services Examination under the guidance of faculty coordinator Dr Harmik Vaishnav for providing judicial services coaching classes to the large number of interested existing students. The club made a research of various institutes and experts offering expert guidance/coaching for the preparation of such examinations and finally, they took the initiative to arrange coaching for judicial and civil services examinations. More than 131 students enrolled for the fifteen week initiative and well known experts guided the students during July, 2015 to April 2016.

Intra Murals for selecting Mooters

The institute organized its intra-murals during July 11 - 12, 2015. This year's moot proposition was based on Net-Neutrality which is a matter of debate these days and more than 220 participants participated in the event. The intra murals are organized to select the best speakers and researchers within the institute, who in future represent the institute on various national and international level moot court competitions.

Intra Murals for Debate

The institute organized in-house Intramurals for Debate during July 15 - 17, 2015 for its students to select the panelists to further represent the institute in various Parliamentary Debates across India.

Learners' Moot Court Competition

The Learners' Moot Court Competition was held during September 26-27, 2015. The learners' moot is conducted to give an opportunity to fresher to be a part of the extremely interesting and exciting world of moot court competitions.

Third Intra-Batch Mock Trial Competition

The third Intra-Batch Mock Trial Competition was conducted on January 31, 2016 wherein fourth semester students participated as prosecution and defense counsels in a criminal case prepared by the Centre for Criminal Law and Justice. The event was judged by the alumni of the college who are into litigation and shared their on-field experiences with students.

Sports Activities

Fresher's Cup 15'

The Fresher's Cup 2015 was successfully organised by the Students' Welfare Board (Sports Committee) under the supervision of Dr Pranav Saraswat (Coordinator, Sports Committee and SWB). The event was organised to provide a platform to all the new students in Institute of Law, Nirma University and also to find out their hidden talent in various sports activities like Cricket, Football, Table Tennis, Lawn Tennis, Basketball, Volleyball etc. Through Freshers Cup the Institute has able to find the sporting spirit among the fresher.

Institute of Law Cricket League

The institute organised the cricket league in the IPL Style format, in which we have selected Five Captains and then the auction were organised. The four captian competed with each other to get the best players and a virtual money of Rs. 70000 is provided to each captains. The name of the captains were Yash Vijayvergiya, Deependra Singh, Ravi Raj Singh, Shrey Baizal. Among the unsold player, we have one team call NILSAA XI. The four teams have their own team manager, jersey, etc. and names. The matches were of 15 overs each and final was of 20 overs played between the teams of Yash Vijayvergiya and Ravi Raj Singh. The team of Ravi Raj won the tournament. After the success of the league, the ILNU decided to organise the same, in the month of February, 2016.

Annual Sports Meet

The students of the institute participated in the Annual Sports Meet and bagged many medals in different athletic events. The team of Dhairyaadityan and Harshad Joshi was declared winner in 1500mts, 800mts, 4X100 mts, etc. Madhusmita was adjudged the institute best athlete.

Youth Welfare and Cultural Activities

Number of extra-curricular activities organized in collaboration with other agencies on the Campus:
12

Alumni Association/ Activities supporting students

1. Alumni Lecture Series
2. Moot Court Mentoring
3. Judging Moot Court Competition
4. Judging Parliamentary Debate Competition
5. Mentoring in Parliamentary Debate
6. Conducting Internship Viva

Activities of Guidance and Counselling Unit

Certificate Course on Public International Law

The Institute, in association with Centre for Continuing Education, NU, conducted the certificate course on Public International Law. The course was designed for giving basic understanding about the subject and providing a knowledge base that would serve as a foundation for other branches of International Law like International Human Rights Law, Maritime Law, and Law Relating to Outer Space etc. In addition, the course also aimed to nurture the students who intend to participate in international moot court competitions. The course commenced from 1 February 2016 with participation of 17 students from different semesters.

Training on Fluent English Communication

Fluent English Communication training was conducted by the institute under CCE in the month of February and March. It was a 40 hour course wherein 30 students from the Institute of Technology and the Institute of Law participated. Dr Harmik Vaishnav of the institute was the faculty and the course coordinator. The students were trained in advanced grammar, vocabulary building, oral and written communication. The course was applauded by the students and the university authorities.

Judiciary Preparatory Classes

The preparatory classes for judiciary were organized by for the students of institute. More than 150 students took training for preparation of judicial exams. The classes started from July 2015 to March 2016 on alternate weekends. The students were trained for 240 hours by faculty from Chandigarh and Delhi.

Placement Report

The placement for the final year students (Batch 2011) was done 100% successfully. Out of the 209 students in the batch, 120 students opted for litigation, 25 students opted for higher studies and 3 students opted out from registration due to academic scholarships for pursuing higher studies.

The remaining 61 students who had registered for the placement were placed in leading companies. The highest package offered was Rs 10.5 Lacs, the lowest being Rs 3 Lacs and the average salary offered is Rs 5 Lacs. Top Corporates like Wadia Gandhi & Co., Troika Pharmaceuticals, Adani, H. K. Acharya & Co., Gujarat State Finance Cooperation, Mincrest, Bajaj Allianz General Insurance Company Ltd., Kalapur Bank, Arjun Sheth & Associates Advocates & Solicitors, Cyril Amarchand Mangaldas, GTPL Hathway Pvt. Ltd., Y. J. Trivedi & Co., A. R. Gupta & Associates visited the campus and recruited the students.

Institute
of
Architecture

Institute of Architecture

INDEX

Sr. No	Particulars	Page
1	Outstanding Achievements and important activities	169-169
2	Curricular Aspects	169-172
3	Teaching-Learning and Evaluation	172-174
4	Research, Consultancy and Extension	174-174
5	Infrastructure and Learning Resources	174-175
6	Student Support and Progression	175-177

Institute of Architecture

Outstanding Achievements and Important Activities

Outstanding Achievement

Prof. Utpal Sharma is appointed as member of Technical Advisory Committee, Directorate of Urban Land Transport.

Prof. Utpal Sharma is appointed as independent Director I LandFS Township and Urban Assets Limited

Awards

Institute of Architecture was awarded Indo Global Architecture Education Excellence Award 2015.

Yasin A Kabaria (student second year, IAPNU) was awarded 'Shri N.K. Patel –GICEA Gold Medal' for excellence in academics for the year 2014-15 by The Gujarat Institute of Civil Engineers and Architects.

Dignitaries Visited

- Padmashree Prof. B. V. Doshi was part of Jury of semester- I on December 15, 2015.
- Ar. LEE, Sang Leem, renowned Korean architect, journalist and cultural activity creator, visited the institute and delivered a talk on 'Modern Architecture Maxmix'.

I. Curricular Aspects

New Courses being offered

The following courses are being offered in curriculum, syllabus and teaching and examination scheme (TES) based on CBCS:

Semester – I

- Architectural Representation Technique-I
- Architectural Graphic Skill-I
- History and Theory-I

Semester-II

- Architectural Representation Technique-II
- Architectural Graphic Skill-II

Semester-III

- Architectural Graphic Skill-III

Semester-IV

- Architectural Graphic Skill-IV

Semester-V

- Building Information Modelling
- Landscape Design

Semester-VIII

- Heritage and Conservation
- Introduction to Urban Planning

Structure-IX

- Green Building

The following courses are terminated in Curriculum, Syllabus and Teaching and examination scheme (TES) Based on CBCS:

Semester-I

- Visual Representation- I

Semester-II

- Visual Representation-II

Semester-III

- Basic Design-III
- Economics
- Print-Graphics-Glass-Ceramics

Semester-IV

- Introduction of Housing
- Seminar on Design (Person, Product and Place)
- Simplification and Expression
- Building Accessories

Semester-V

- Structures-V
- Landscape Design

Semester – VI

- Urban Form (Minor Studio)
- Structures-VI

Structure – IX

- Urban History

No. of Courses where major revision is made

Major revision has been made to the following courses:

Semester-I

- Basic Design - I
- Architectural Design Studio - I
- History and Theory - I
- Building Construction and Technology - I
- Structure -I
- Architectural Representation Technique - I
- Architectural Graphic Skill - I
- Communication Skill – I

Semester-II

- Basic Design - II
- Architectural Design Studio - II
- History and Theory - II
- Building Construction and Technology - II
- Structure - II
- Architectural Representation Technique - II
- Architectural Graphic Skill - II
- Communication Skill - II
- RSP-I

Semester-III

- Architectural Design Studio - III
- History and Theory -III
- Building Construction and Technology - III
- Structure - III

- Architectural Graphic Skill - III
- Environmental Science and Services - I
- Related Study Programme -II
- Elective - 1

Semester-IV

- Architectural Design Studio - IV
- History and Theory - IV
- Building Construction and Technology - IV
- Structure - IV
- Architectural Graphic Skill - IV
- Environmental Science and Services - II
- Related Study Programme -III
- Elective – 2

Semester-V

- Architectural Design Studio - V
- History and Theory - V
- Building Construction and Technology - V
- Building Information Modeling
- Environmental Science and Services - III
- Elective – 3
- Elective – 4
- Elective – 5

Semester-VI

- Architectural Design Studio - VI
- History and Theory - VI
- Building Construction and Technology - VI
- Building Regulations
- Related Study Programme-IV
- Elective – 6
- Elective – 7
- Elective – 8

Other Initiative/Innovation in Curriculum Design

Choice Based Credit System is adopted and it will promote 25 to 30% of choice based electives in the curriculum. The elective course will have theory base as well as studies base component .The elective offered in initial years will be more studies based to promote hands on and latter will promote theory base to promote critical thinking.

Electives are divided into two Phase: phase – 1 (Sem-1 to 6) and phase – 2 (Sem 7 to 10). The first phase is to be offered before the student goes for his/her Professional Office Training in the seventh semester. The courses are aimed towards developing the major skills required in the field of architecture. Which will prepare them directly for the expertise required during their internship. They are aimed at developing a well-rounded development of student in the field of architecture.

The second phase is focused towards developing advanced skills and critical thinking. They are mostly more complex and higher-level subjects. These courses need basic grounding or a general understanding of the subject offered as pre-requisites. Through these electives the student can gain advanced and specialized knowledge in the subject of their choice.

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. Which has been proven to

many premier institute of Design fields. Which should be conducted in winter and summer for 2/3 weeks as a block course at first, second, third year and fourth year level with allotted 3 credits to each RSP. Total five RSP will be conducted in five years (Ten Semester) and the final work of RSP will be a property of institute as a created knowledge and information.

Block intense studies should be arranged by field experts (external) of minimum one week per semester. More field trips and visits to exhibitions should be conducted to get more exposure, experience and knowledge.

II Teaching-Learning and Evaluation

Faculty pursuing Ph.D: 5

Innovation in Teaching-Learning and Evaluation

- Evaluation Criteria are conceptualized, designed and executed for subjective courses i.e. Basic Design, Architectural Design Studio, Architectural Representation Technique, Architectural Graphic Skill etc.
- Subject without Semester End Exam have mid semester Jury and semester end Jury. Criteria for such jury-based evaluation are designed and executed. These Juries include external jurors thereby ensuring the unbiased evaluation
- Evaluation for all the courses are based on result oriented and comprehensive in nature
- In architecture there are no textbooks specified for any courses hence, hand-out of courses are made
- Web site and blog of the courses are prepared in advance
- List of reference books are prepared in each subject
- Video library is prepared in courses where practical exposure or hands-on is required
- More than 50 teaching learning models are designed, made and kept as resource material
- Learning is comprehensive which has been executed through an exercise that are common in studio and any one subject

Activities to Sustain Healthy Practices

- A series of presentation is initiated named “What’s your story” by faculties of Institute of Architecture. It gives students exposure in core as well as allied field of architecture.
- Faculty bring their resources (book, project, person, etc.) to the Institution for betterment of students
- Faculty spend extra time and effort to enhance the subject knowledge
- Mentoring and teaching are synchronized with each other; fast learners and slow learners are identified and treated accordingly

Some of the best practices prevalent in the Institute

- The Related Study Programme is introduced as a part of core course. RSP has been a unique and highly beneficial programme to students, institutes and society at large. Which has been proven to many premier institute of Design fields. Which should be conducted in winter and summer for 2/3 weeks as a block course at first, second, third year and fourth year level with allotted 3 credits to each RSP. Total five RSP will be conducted in five years (Ten Semester) and the final work of RSP will be a property of institute as a created knowledge and information
- First eight to ten days of RSP programme is purely a matter of fieldwork (i.e. not in classroom), so execution of the RSP by the group of diverse faculty members will be beneficial to the students. Minimum three to four faculty members per 40 students should conduct the RSP. Out of them one would be leading faculty and minimum one should be practicing architect/expert. Balance should

be maintained between young and experienced faculty members as well as between academicians and professionals. RSP has been taken rigorously to make the institute at its excellence

- In Basic Design-III of semester-III, Student will develop the basic skills of design and design expression of complex forms; which is a unique as many of the schools does not offers such course

Exam Reforms implemented

- Basic Design- I and II, Architectural Design studio (for all semesters), Structure- I and II, Architectural Representation Techniques-I and II, Architectural Graphic Skills (for all semesters) has more process base than end product. So weightage of CE (Continuous Evaluation) component should have more (i.e. 0.6) than LPW (Lab Project Work) has (i.e. 0.4).
- The Related Study Programme (RSP) is introduced as a part of core course. Which should be conducted in winter and summer for 2/3 weeks as a block course at first, second, third year and forth year level with allotted 3 credits to each RSP.
- There are no supplementary / non-credit courses other than supplementary courses offered by university (Yoga and Social work) in B. Arch. course

Number of Faculty Development Programmes attended by Faculty

- Prof. Sharad Panchal, Prof. Vibha Gajjar and Prof. Darshan Ajudia attended two-days National Workshop on, 'Outcome Based Education (OBE)' during April 08-09, 2016 at Nirma University Ahmedabad.
- Prof. Sharad Panchal and Prof. Vibha Gajjar attended a two day workshop on 'National Workshop on Research Methodology and Academic Writing' at INFLIBNET Centre, Gandhinagar during February 22-23, 2016
- Prof. Sharad Panchal, Prof. Vibha Gajjar and Prof. Pratima Singh attended Research Orientation Programme for Faculty during June 06-18, 2016 at Nirma University Ahmedabad.
- Prof. Darshan Ajudia, Prof. Shweta Suhane, Prof. Dhaval Chauhan, Prof. Parag Mistry, Prof. Forum Bhavsar and Prof. Sujar Umaraniya attended Faculty Induction Programme during May 23 to June 18, 2016 at Nirma University Ahmedabad.

Invited/Endowment Lectures

Invited Speakers for Orientation Programme

- Ar. Nimish Patel, Ar. Parul Zaveri, Eminent Architect, Ahmedabad
- Dr Mansi Bal Bhargava, Architect and Academician, Ahmedabad
- Dr Seema Khandwalkar, Communication Specialist, Ahmedabad
- Ar. Soenke Hoof, Practicing Architect, Ahmedabad
- Ar. Amit Sheth, Practicing Architect, Ahmedabad
- Ar. Anal Vaishnav, Architect, GIFT City
- Prof. Kartik Shukla, Practicing Architect, Ahmedabad
- Prof. Madhvi Desai, Architect and Academician, Ahmedabad
- Prof. Anil Sinha, Professor, NID, Ahmedabad
- Ar. Rajeev Kathpalia, Practicing Architect and Urban Designer, Vastushilp Consultants, Ahmedabad
- Prof. P.V.K. Ramshvar, Architect, Urban Designer and Academician, Ahmedabad
- Dr R. Parthasarthy, Director, Gujarat Institute of Development and Research, Ahmedabad
- Mr. Amit Sheth, Industrial Designer, Ahmedabad

Invited Speakers as Expert Lectures

- Ar. Vasanti Menon, Practicing Architect and Academician, Japan
- Prof. Riyaz Tayyibji, Practicing Architect and Academician, Ahmedabad
- Mr. Greg Truen, Practicing Architect, Cape Town

- Mr. Kevin Low, Practicing Architect, Malaysia
- Mr. Manit Rastogi, Practicing Architect, New Delhi
- Jayant Parikh, Renowned Artist, Vadodara
- Ar. Anand Iyer, Academician, Pune
- Prof. Kamal Patel, Practicing Architect, Vadodara
- Ar. Mausami and Uday Andhare, Practicing Architect and Academician, Ahmedabad
- Ar. Rajan Bhatt, Practicing Architect, Ahmedabad
- Ar. LEE, Sang Leem, Architect, Journalist and Cultural Activity Creator, Korea
- Ar. Kalapi and Maitri Buch, Practicing Architect, Anand
- Dr Alpana Shivam, Practicing Architect, Australia
- Mr. Pratik Brahmabhatt, Practicing Architect and BIM expert, Ahmedabad
- Dr Chinu Modi, Eminent Poet, Ahmedabad
- Anil Reliya, Artist and Art collector, Ahmedabad
- Ar. Ajit Roa, Architect and cartoonist, Ionavala
- Mr. Manhar Kapadia, Artist, Ahmedabad
- Ar. Jaisim Krishnarao, Eminent Architect, Bangalore
- Ar. Jayesh Hariyani, Architect, Ahmedabad

Non-Teaching Staff Development

Shri Devang Pandit attended Training for Assistant Registrar, Office Superintendent and Equivalent level, Held by ADR Cell, Nirma University during January 8-9, 2016.

Shri Afzalhusen Z saiyad attended Training for the Jr. Asst. and Equivalent level, held by ADR Cell, Nirma University during June 13-18, 2016.

Mrs. Himani C Patel attended Training for Computer Operator and Computer Operator Cum Programmer, held by ADR Cell, Nirma University during December 28-30, 2015.

III. Research, Consultancy and Extension

Research Projects

Minor Research Project

Sr. No.	Title	Status	Amount
1	Reducing Ecological Footprint – Environmental Audit Framework (A Case Study of Nirma University)	On-going	Rs. 1 Lakh

IV Infrastructure and Learning Resources

Computer Facilities: Added

Sr. No.	Item Description	Cost in Rs
1	Computer (Intel Core I5)	44,330
2	Computer (Intel Core I5)	53,250
3.	Printer (CANON IMAGE CLASS MF-226DN)	21,500
4.	Monitor (1HP 3 PHASE)	8,925
5.	Printer (HP LJ M226DN PRINTER)	23,600

Library -Learning Resources added

The library during this year made significant progress in several areas.

- During this year 452 Books (worth of Rs. 8,93,376/-) were added to the Library and presently it has a collection of 896 books.

- It also received 175 journals and magazines (worth of Rs. 72,666/-). Total 11 journals and magazines are subscribed out of which 7 national and 4 international.
- The Library issued 1,223 books and other documents to its members during the year and 4187 users walked into the library during the year.
- A Google Site for accessing previous years Exam Papers, Content pages of Print Periodicals and Newspaper Clippings has been created. The 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.

Laboratory Facilities: Major Additions

Documentation Lab

Sr. No.	Item Description	Cost in Rs
1	Elinchrom FRX400 Light Kit	31,625
2	Elinchrom FRX200 Light Kit	25,587
3	Camera (Nikon D7100 With 18-140 Lens)	80,000

Workshop

Sr. No.	Name Of Equipment	Cost in Rs
1	Drill Mounted (KSP) 19MM	19,925
2	Cutter Machine	45,300
3	Wood Turning Lathe Jai Brand	38,547
4	Pottery Wheel	2,560
5	Jigsaw Mounted	9,975
6	Electric Ceramic Kiln	2,10,000
7	Multi-Functional Measuring Ins	3,45,000
8	Jig Saw CJ 120 V Hitachi	13,230
9	Cutter Cm 45T	4,147
10	Drill 13 VSS- Hitachi	2,415
11	Sander/Grinder-PDA100M-Hitachi	2,257
12	Blower RB 405A –Hitachi	3,937
13	Vacuum Cleaner-Hitachi	17,377

V. Student Support and Progression

B.Arch. Admissions

15% NRI / NRI Sponsored Category

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	02	55

35% All India Seats

Name of Programme	First Merit No.	Last Merit No.
Bachelor of Architecture	10	64

ACPC-50% SEATS

Name of the Programme	Merit Rank (ACPC) Category Wise							
	Open		SC		SEBC		Other board out state	
	First	Last	First	Last	First	Last	First	Last
Bachelor of Architecture	10035	10120	10231	10740	10238	10397	30021	30078

Student Achievements

Yasin A Kabaria (student second year, IAPNU) was awarded ‘Shri N.K. Patel –GICEA Gold Medal’ for excellence in academics for the year 2014-15 by The Gujarat Institute of Civil Engineers and Architects. (GICEA)

Kush Desai (student second year, IAPNU) was stood First in Shot put in Annual Sports Day-Inter Institute, Nirma University.

Kush Desai (student second year, IAPNU) was stood Second in Javelin Throw in Annual Sports Day -Inter Institute, Nirma University.

Samay Chevli (student first year, IAPNU) was stood Second in High Jump in Annual Sports Day- Inter Institute, Nirma University.

Vidhi Thakkar (student second year, IAPNU) was stood Second in Table Tennis in Annual Sports Day – Inter Institute, Nirma University.

Extension Activities/Community Services by the Institute/Departments

The students of second year are involved in different activities in coordination with a Non-governmental Organization named SAATH. The list of the students and the nature of activities performed by students is as follows:

Sr. No.	Centre Name	Student/s Name
1	Ram Rahim No Tekro, Behrampur, Ahmedabad	Aaditya Keyur Shah
2	Al-Atiq- Vejalpur, Ahmedabad	Ayushi Milanbhai Desai, Dheer U. Talreja
3	Mahadev Residency, Ahmedabad	Heer J. Vora, Jhanavi Jigishbhai Parikh
4	Swaminarayan Park- Shahwadi	Jugal K. Bhatt
5	Umang Lambha, Ahmedabad	Maharshi Hiteshbhai Jagada
6	Rajyash Revanta, Ahmedabad	Maitri Samirbhai Bhayani
7	Aakruti Aangan, Ahmedabad	Mili Prajapati, Neel Ashesh Patel
8	Aaryan Opulence, Bopal, Aambli	Nonie D. Patel, Nupur Shah
9	Land T (Godrej Garden City) Ahmedabad	Simran Nilesh Shah, Swati Niravkumar Nayak
10	Simplex (Godrej Garden City), Ahmedabad	Yasin Aminbhai Kabaria, Rishit Jain, Gaurav R. Agarwal, Tanvi Jagdish Karia
11	Balghar 1, Juhapura, Ahmedabad	Brindali R Patel, Devanshi Manoj Modi
12	Balghar 2, Juhapura, Ahmedabad	Dirgh V. Javia, Harshkumar P. Ladani, Jay Parshottambhai Patel
13	Balghar 4, Juhapura, Ahmedabad	Kruti Desai, Kush A. Shah, Aditi S. Pancholi, Kush Kuntesh Desai
14	Balghar 5, Juhapura, Ahmedabad	Parth Rameshbhai Khatri, Prince Ghanshyambhai Luvani

15	Balghar 6, Vejalpur, Ahmedabad	Saloni Bhadresh Shah, Saumya Paragbhai Kansara, Keta J. Patel
16	Balghar 7, Juhapura, Ahmedabad	Swara Manish Desai, Vidisha Hemendrabhai Purohit
17	Isanpur, Ahmedabad	Aayushi Sanghvi, Arya M. Nagarkar
18	Juhapura 6, Ahmedabad	Ketankumar J Solanki, Neel Gala, Shirraj Rajesh Gohil

Value Added Courses

Course Coordinator	Name of Course	Target Students
Prof. Sujan Umaraniya Prof. Darshan Ajudia	RSP-I, II, III, IV, V	B. Arch. Semester- I, II, III, IV, V

No. of Co-curricular activities organized

Student Clubs in the Institutes/University- Activities

Sr. No.	Name of Organising Association	Event Name (s)	Date (s) / Duration of Event	Institute/ State/National / International	No. of Participants
1	Student Council, IAPNU	Inauguration Ceremony of KALP	February 27, 2016	Institute	300
2	Student Council, IAPNU	Diario	February 27, 2016	Institute	300
3	Student Council, IAPNU	Theatre Workshop	February 28, 2016	Institute	30
4	Student Council, IAPNU	Caricature Workshop	February 29, 2016	Institute	80
5	Student Council, IAPNU	Painting Workshop	February 29, 2016	Institute	45
6	Student Council, IAPNU	Graffiti Workshop	February 28, 2016	Institute	40
7	Student Council, IAPNU	Public Lecture	March 1, 2016	Institute	300
8	Student Council, IAPNU	Talent Hunt	February 28, 2016	Institute	300

Youth Welfare and Cultural Activities

The students of IAPNU organized annual student festival during February 27 to March 1, 2016. Eminent poet Dr Chinu Modi and famous art collector Mr. Anil Reliya inaugurated the festival. Different type of lectures and workshops were organized during the festival.

The festival was a huge success in terms of events, participation, organization and most importantly in terms of the satisfaction of participants and their feedback.

**Centre for
Continuing Education**

Centre for Continuing Education

Centre for Continuing Education (CCE)

Preamble

Continuing Education is a lifelong learning process which meets the variety of needs of Industry, Business and the Community. It includes skill training or upgrading of skills and knowledge through competence based education. Resources available in the form of buildings, laboratories, instruments, capability of faculty members, etc. can be put to use not only for university enrolled students but also for industries, other professionals, & stake holders and to the general public.

Industries are constantly changing. Continuing Education is required for workers to stay current with the latest developments, skills, and new technologies required for their fields. Overall, Continuing Education is considered a way for professionals to keep abreast of their fields so that they don't lag behind.

As a result of the effort towards "Make in India", the country is expected to become manufacturing hub. It is forecasted that India needs skilled workforce of 500 million by 2022. This talent pool needs to be adequately skilled.

About The Centre

Continuing Education is:

- Process of ongoing learning new skills and knowledge.
- To increase the employability of the students.
- To improve the capabilities of working professionals to further advance and promote in their respective fields.
- For skilled workforce for increased economic productivity.
- Required as employers are seeking both educated and skilled workers.
- For retaining better employees.

Institutes should carry out SWOC Analysis to arrive at Continuing Education programme and prioritize areas of focus for Continuing Education. Also, the centre will aim to identify the availability of jobs and corresponding need of skilled man power. Such skill development programs will be offered to jobless youth. With these objectives, the university has established the "**Centre for Continuing Education (CCE)**". Number of programs have been identified and will be conducted looking to the need of all stake holders which includes industries, students, youth requiring skill and employment, NGO etc.

Objectives of the CCE

- To provide Continuing Education, Knowledge, Training facilities etc. in various fields to contribute for the social development.
- To design suitable programmes to enhance the skills of an individual so as to improve the quality of human lives through application of knowledge.
- To coordinate the continuing education programme offered by various Institutes at the University level.
- To assist working professionals in the industry in widening their knowledge base and in improving their skills.
- To promote strong Industry - Institute interaction.
- To arrange Workshops/Lectures/Seminars/ Services on requests.
- To identify employment potential areas and to conduct competency based skilled development programme.
- To identify the training needs of specific sectors and plan and organize suitable training programmes for them.

- To conduct Vocational Training to meet the specific needs of industrial business.
- To conduct short duration and long duration programmes in management, engineering and technology, pharmacy and law.
- To conduct Training Programme for Competitive Examination.
- To provide Training to School Children, under privileged, village nearby, computer literacy, etc.
But not limited to these

Illustrative list of Continuing Education Programmes

Programmes that can be organized by CCE in the:

(I) Area of Technology and Engineering:

- VLSI Design and Embedded Systems
- Power Electronics and Electrical Machines
- Network configuration and Design
- Finite Element Analysis
- Pressure vessel design
- Wireless Communication
- PID and Advance Process Control
- Energy conservation in the industries
- CNC programming fundamentals & practice
- Environment Audit
- Waste Water Treatment Technology
- Electrical Power System Planning and Design
- Computer Aided Structural Design

(II) Area of Management:

- Economics and Finance
- International Business Management
- Human Resources Management
- Information Technology

(III) Area of Pharmacy:

- Stability testing of Drugs
- Training for Medical Representative regarding pharmacology
- Computer aided drug design
- Isolation and characterization of active/bioactive constituents from natural resources

(IV) Area of Science:

- Protein purification techniques
- Isolation and cultivation of Microorganisms
- Total RNA extraction and cDNA synthesis

(V) Area of Law

- Intellectual Property Laws
- Corporate / Taxation / Civil Laws
- Criminal / Labour Laws
- International Trade Laws

(VI) Area of Architecture

- Development Control Regulation
- Urban Development Plan

- Affordable Housing, Layout and Design

The above is only the illustrative list, CCE can arrange other and customized programmes as per the need of stack holders.

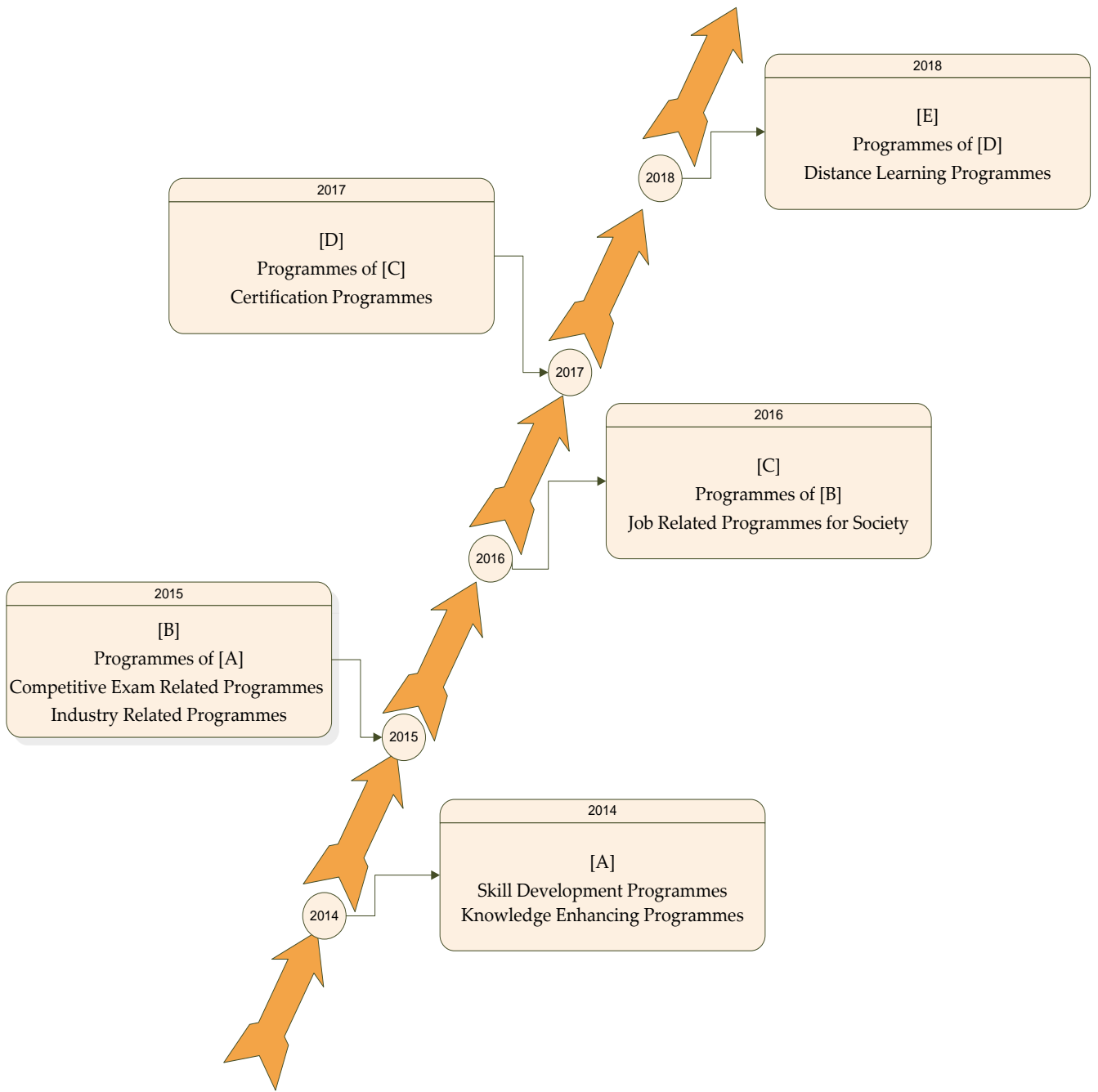
List of Programmes organized under CCE during 1st April 2015 to 31st March 2016

Sr. No	Name of the programme	Programme Domain/ Discipline	Categories of participants	Date(s)	Total Number of participants	Total Income Rs.	Total Expenditures Rs.
1	Advanced Control Using PLC	Instrumentation & Control Engineering	Industry Professionals, External/Internal Faculty, External/Internal Student	April 11-12, 2015	8	14000	12500
2	Engineering Graphics- A language of Engineer	Engineering	External Students	July 6 - 8, 2015	10	9000	8956
3	MDP on Developing HR proficiencies -A workshop for HR Executive	Management Programme	Industry Professionals	September 10- 12, 2015	6	75820	36476
4	Defensive Driving	Soft Skills	Driver and Conductor	September 12-19-26, 2015	116	38880	38880
5	Readography	Soft Skills	External/Internal Student	September 19, 2015	31	10100	7080
6	One day National Seminar on CTD-Technical & Regulatory Requirement	Pharmacy	Industry Professionals, External/Internal Faculty, External/Internal Student	September 26, 2015	34	23400	19511
7	MDP on Managerial Skill for Supervisory Personnel	Management Programme	Industry Professionals	October 05-07, 2015	10	75850	40139
8	Effective Communications for Higher Performance	Management Programme	Industry Professionals	October 08, 2015 to October 10, 2015	19	211490	66559
9	Energy Efficiency of Process Utilities	Chemical Engineering	Students, Faculties, Industry Personnel	October 10 - 11, 2015	34	34000	28092
10	Testing and Verification of VLSI Design	Electronic & Communication Engineering	PG , Ph. D. scholars, faculty members, engineers from Industry and Research	October 10-11, 2015	39	51500	45177
11	Dynamic web designing using Angular JS	Computer Science Engineering	Students, Research scholars, Faculties, Industry Personnel	October 10-17, 2015	8	11100	10933

12	Workshop on 3D CAD Solid Modeling using Software	Mechanical Engineering	Internal Students	October 19-24, 2015	101	35450	31717
13	Workshop on Refrigeration Mechanic	Mechanical Engineering	Internal Student	October 31,2015	24	7200	4718
14	Industrial Meet	Management Programme	Mechanical Engineering Industry's High Level officials	December 1, 2015	12	00	5975
15	Nanoscale Device Modelling	Electronic & Communication Engineering	Internal Student	January 10, 2016	28	14000	11477
16	Advanced.Net Technology	Computer Science Engineering	Internal Student	January 18 - 19, 2016	94	12000	12000
17	Introduction to CNC Technology and its Tooling	Mechanical Engineering	Internal Student	January 19,2016	132	5743	5743
18	Electrical Motor Rewinding	Electric Engineering	Internal Student	January 21 - 22, 2016	54	10903	10903
19	Personality Development & Business Etiquette	Management Programme	Industry Professionals	January 21-23, 2016	8	48092	31492
20	STTP on "Introduction to Computational Fluid Dynamics"	Mechanical Engineering	External/Internal Faculty, External/Internal Student	January 23-24, 30-31 and February 6, 2016	13	9700	9019
21	Power System Simulation & Analysis	Electric Engineering	External/Internal Faculty, External/Internal Student	January 30, 2016	24	12000	7838
22	In vitro: Art and Science of Cell Culture	Pharmacy	External/Internal Faculty, External/Internal Student	February 2 - 4, 2016	9	34000	19620
23	Public International Law	Law	Internal Students	February 2,2016 to March 22, 2016	16	40000	26806
24	5S and Kaizen for Process Improvement	Management Programme	Industrial Person	February 20, 2016	19	13100	10676
25	Fluent English Communication	Arts	Internal Students	February 22, 2016 to March 31, 2016	30	60000	35544
26	Organisation Integrations Through Effective Teams	Management Programme	Middle, Junior Executive	February 22 -24, 2016	13	156299	55140
27	Strategic Planning and Management for Educational Institutes	Management Programme	Head of Institutes Principals, Head of Departments, Sr. Professors and Trustees	February 25, 2016	12	12000	11212
28	Electrical Power System	Electrical Engineering	Internal and External	February 27, 2016	9	5950	5920

	Transients - Concepts and Simulations		Faculty, Student, Industry Personnel				
29	Design of Industrial Heat Exchangers	Mechanical Engineering	Internal Students	February 27, 2016 to March 06, 2016	28	21000	18476
30	Herbal Cosmetics : Recent Advances, Regulations and Market Trends	Pharmacy	Internal and External Student, External Faculty Industry Personnel	March 4, 2016	83	22800	18225
31	Computer Aided Drug Design Software	Pharmacy	Internal and External Student, External Faculty	March 18, 2016	34	8150	7448
32	Computer Interfaced Science Experiments	Electronic & Communication Engineering	Internal and External Student, Internal and External Faculty	March 26, 2016	21	7700	6825
TOTAL					1079	1091227	661077

Road Map



Road Map of CCE