



D Y PATIL

— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY

NAVI MUMBAI

Ramrao Adik Education Society's
Ramrao Adik Institute of Technology

Nerul, Navi Mumbai, Maharashtra - 400 706

Self Study Report
Volume-II

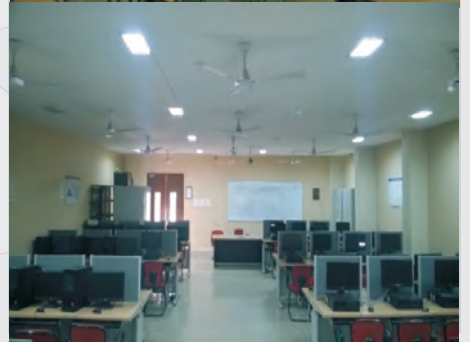
Submitted
to
National Assessment and Accreditation Council
Bangalore, India



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Computer Engineering Department



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Evaluative Report of the Computer Engineering Department

1. **Name of the department:** : Computer Engineering
2. **Year of Establishment :** : 1983
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : UG in Computer Engineering
PG in Computer Engineering
Ph.D in Computer Engineering
4. **Names of Interdisciplinary courses and the departments/units involved:**

Courses taken by other department faculty, and the department involved are as listed below:

Sr. No.	Name of the Department Involved	Name of Subject
1.	Electronics Engineering	Electronics Devices and Linear Circuits
		Digital logic Design & Application
		Electronic Circuits & Comm. Fundamentals
		Analog and Digital Communication
2..	Engineering Science	Applied Mathematics-III
		Presentation and Communication Technique
		Applied Mathematics-IV
		Business Communication and Ethics

5. **Annual/semester/choice based credit system (programme wise):**

Sr. No.	Program	Credit System
1.	Bachelor of Engineering B.E.	Semesterwise Credit Based Grading System from academic year 2012-13 by University of Mumbai. Annual based results are declared although Semester based examination system is in place.
2.	Master of Engineering M.E.	Semesterwise Credit Based Grading System of examination from academic year 2012-13 by University of Mumbai. Annual based results are declared although Semester based examination system is in place.
3.	Ph.D.	Annual based Credit System.



6. Participation of the department in the courses offered by other Departments:

Sr. No.	Subject	Department
1.	Computer Programming-I	Engineering Science
2.	Computer Programming-II	
3.	Structured Programming Approach	
4.	Object Oriented Programming and Methodology	Electronics and Telecommunication Engineering, Instrumentation Engineering Electronics Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Sr. No.	Name of Industry/University	Course
1.	IBM	SEED Program for Business Intelligence Using IBM Cognos BI
		SEED Rational Suite Enterprise(RSA)
		SEED Program for Enterprise Application Development & Deployment for Cloud Environment
2.	Oracle	Oracle Certified Administrator (OCA) certification
3.	IIT/IISc (through NPTEL)	e-Courses and Video Lectures

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	3	2
Associate Professors	8	35
Asst. Professors	26	Filled for both Associate Professors and Assistant Professors/Lecturers 5 faculties additionally recruited for first year load.



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M. E. / P h.D. Students Guided /guiding for the last 4 years
1.	Dr. Ramesh Vasappanavara	Ph.D.	Professor	Computer Science	30	3
2.	Dr. Ragha Leena	Ph.D	Professor	Computer Engineering & Technology	23	28
3.	Mrs. Gaikwad Snehal	M.E.	Assistant Professor	Computer Engineering	21	-
4.	Dr. Vidhate A.V.	M.E. Ph.D.	Assistant Professor	Computer Engineering	18	20
5.	Mrs. Mane Vanita	M.E. Ph.D. (Pursuing)	Assistant Professor	Computer Engineering	13	23
6.	Mrs. Pulgam Namita	M.E.	Assistant Professor	Computer Engineering	10	02
7.	Mrs. Chhabria Aditi	M.E.	Assistant Professor	Computer Engineering	10	19
8.	Mrs. Padiya Puja	M.E.	Assistant Professor	Computer Engineering	10	18
9.	Mrs. Shedje Rajashree	M.E. Ph.D. (Pursuing)	Assistant Professor	Computer Engineering	10	11
10.	Mr. Ghorpade Tushar	M.E.	Assistant Professor	Computer Engineering	10	12
11.	Mrs. Ahir Sheetal	M.E.	Assistant Professor	Computer Engineering	10	-
12.	Mrs. Bharne Smita	M.Tech.	Assistant Professor	Computer Engineering	10	05
13.	Mrs. Nazia S.	M.Tech	Assistant Professor	Software Engineering	7	-
14.	Mrs. Sawant Savita	M.E	Assistant Professor	Computer Engineering	7	-
15.	Mrs. Ekta Sarda	M.Tech	Assistant Professor	Computer Engineering	7	-



16.	Mr.Justin Cletus	ME	Assistant Professor	Software Engineering	7	02
17.	Mrs. Patil Preeti	M.E.	Assistant Professor	Computer Engineering	6	-
18.	Mrs. Turorikar Bhavana	M.E	Lecturer	Computer Engineering	6	-
19.	Mrs. Bhoir Smita	M.E.	Assistant Professor	Computer Engineering	5	-
20.	Mrs. Patil Trupti	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	5	NA
21.	Mrs. Sumitra T.V.	M.Tech.	Lecturer	Computer Science & Engineering	5	-
22.	Mrs. Bodhe Swarupa	M.E.	Assistant Professor	Computer Engineering	3	-
23.	Mrs. Kalore Anjali	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	3	NA
24.	Mr. Bide Pramod	M.E.	Lecturer	Computer Engineering	4	-
25.	Mrs. Shukla Preeti	M.E	Assistant Professor	Computer Engineering	4	-
26.	Mrs. Karanam Kriti	M.Tech.	Lecturer	Computer Science & Engineering	3	-
27.	Mrs. Rubi Mondal	M.E.	Assistant Professor	Computer Engineering	7	-
28.	Mr. Mohit Sarorkar	B.E. Computer System Engineering	Lecturer	Computer Engineering	3	-
29.	Ms. Mumbaikar Snehal	M.E.	Lecturer	Computer Engineering	2	-
30.	Mrs. Saxena Harsha	M.Tech.	Lecturer	Intelligence System	2	-
31.	Mr. Gunjgur Prathmesh	M.E.	Lecturer	Computer Engineering	1	-
32.	Ms. Bakhtiani Shalu	B.E M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
33.	Mrs. Chitte Pallavi	M.E	Lecturer	Computer Engineering	1	-
34.	Mr. Nenwani Kamlesh	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA



35.	Mrs. Nilambari Kulkarni	M.E	Lecturer	Computer Engineering	2	-
36.	Mrs. Bhosale Dhanashri	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
37.	Mrs. Apoorva Kharkhanis	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
38.	Mrs.Preet Chandan Kaur	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
39.	Ms.Pranali Yaday	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
40.	Mr.Prathmesh Lokhande	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
41.	Mrs.Vaishali Patil	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
42.	Mrs.Sneha Parasate	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA
43.	Ms. Nivedita Elanshekar	B.E. M.E. (Pursuing)	Lecturer	Computer Engineering	1	NA

11. List of senior visiting / expert faculty

Sr. No.	Name	Post / Designation	Organization
1.	Dr. N S T Sai	Senior Advisor	N-Ventures, Mumbai
2.	Dr. M Sasikumar	Director	CDAC, Mumbai
3.	Mr. V K Chadda	Retired Head of electronics Systems and division, BARC	BARC, Mumbai
4.	Mr. A C Srivastava	Program Head- Corporate IPR Cell	TCS, Mumbai
5.	Dr. Munir Sayyad	General Manager	Reliance Communications
6.	Dr. Siby Abraham	Head, Department of Mathematics & Statistics	Guru Nanak Khalsa College
7.	Meera Gaikawaiari	The managing partner	Algorithms
8.	Mrs. Prabha Iyer	Freelancer	IIT Madras

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty-

All classes are conducted by regular faculty



13. Student -Teacher Ratio (programme wise):

Programme	Student -Teacher Ratio
UG	15:1
PG	6:1
Ph. D.	1:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Administrative staff	2	2
Technical staff	6	6

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG

Sr. No.	Qualification	Total
1.	Ph.D	2
2.	ME / MTech	30
3.	BE / BTech (ME Pursuing)	10

16. Number of faculty with ongoing projects from a) National b) International c) other funding agencies and grants received:

Sr. No.	Faculty Name	Project Title	Funding Agency	Year	Amount Sanctioned (Rs.)
1.	Dr. Ramesh Vasappanvara	RAIT website	R&D RAES	2014-15	1,20,000/-
2.	Dr. Leena Ragha	Detection of Glucose content in blood serum through color analysis	R&D RAES	2013-15	50,000/-
		Competent system for fear detection using physical parameters		2013-15	40,000/-
3.	Mrs. Vanita Mane, Mrs. Smita Bharne	OCR for printed marks gazette with staff lines	R&D RAES	2013-15	40,000/-



4.	Mr. Tushar Ghorpade	Comprehensive Feedback System	R&D RAES	2014-15	60,000/-
		Library Management Software			30,000/-
		Administration Software			30,000/-
5.	Mrs. Aditi Chhabria	Faculty Profile Management	R&D RAES	2014-15	50,000/-
6.	Mrs. Aditi Chhabria Mrs. Namita Pulgam	Digital Course File	R&D RAES	2014-15	50,000/-
7.	Mr. Pramod Bide	RAIT Circle (a Moodle based E – Education system)	R&D RAES	2014-15	40,000/-
8.	Mr. Nilesh Marathe	Programming feedback System	R&D RAES	2014-15	40,000/-
9.	Mrs. Aditi Chhabria Mrs. Namita Pulgam	CO-PO Feedback System	R&D RAES	2014-15	50,000/-

a) **International:** NIL

17. Departmental projects funded by AICTE, DST – FIST; UGC, DBT, ICSSR, etc. and total grants received. Give the details of projects undertaken by the faculty members.

Sr. No	Name of the Faculty	Details of the project/work	Funding Agency	Year	Amount Sanctioned (Rs.)
1	Dr. Satish Devane	MPLS	MODROB	2008-09	8,24,000/-
2	Dr. Satish Devane	CISCO routers for Network lab setup	AICTE	2009-10	18,50,000/-
3.	Dr. Ramesh Vasappanavara	Three days National workshop on Advanced Technology Trends in Security Issues of ADHOC and Sensor Networks	AICTE	2013-14	1,50,000/-



4.	Mr. Nilesh Marathe	e-yantra Teacher's Competition	IIT B and RAIT	2013-13	40,000/-
5.	Dr. Leena Ragha	GPU for Image Processing	IIT B and RAIT	2014-15	25,000/-

18. Research Centre /facility recognized by the University:

- In order to inculcate research culture amongst teachers to upgrade their knowledge and technical skills, department is recognized as a research center under University of Mumbai.
- Department is equipped with high end computer systems and software tools like MATLAB, NS2, LABVIEW, QUALNET, etc.
- Internet of 135 Mbps and e-Journals
- Department library with more than 1000 books.
- List of Ph.D. Guides (Supervisors)

Sr. No.	Name of Guide
1	Dr. U. V. Bhosle
2	Dr. Shubhash Shinde
3	Dr. Chelpa Lingam
4	Dr. Y. S. Rao

19. Publications:

a. Publications per faculty

Number of papers published in peer reviewed journals (national / international) by faculty and students

Total: 263 Publications

Total no. of International Journals : 114

Total no. of National Journal: --

Total no. of International Conferences : 140

Total no. of National Conference:

4

Sr. No.	Name	Conference		Journal		Total
		National	International	National	International	
1.	Dr. Ramesh Vasappanavara		8		5	13
2.	Dr. Ragha Leena	4	25		25	54
3.	Mrs. Gaikwad Snehal				01	01
4.	Dr. A.V. Vidhate		18		16	34
5.	Mrs. Mane Vanita		16		09	25
6.	Mr. Marathe Nilesh		12		08	20
7.	Mrs. Pulgam Namita				01	01
8.	Mrs. Chhabria Aditi		12		13	25
9.	Mrs. Padiya Puja		12		09	21



10.	Mrs. Shedge Rajashree	10	05	15
11.	Mr. Ghorpade Tushar	08	06	14
12.	Mrs. Ahir Sheetal	01		01
13.	Mrs. Bharne Smita	06	04	10
14.	Mrs. Nazia S.		02	02
15.	Mrs. Sarda Ekta		01	01
16.	Mrs. Patil Preeti	01		01
17.	Mrs. Turorikar Bhavana		01	01
18.	Mrs. Joshi Jyoti	01	01	02
19.	Mrs. Bhoir Smita	01	01	02
20.	Mrs. Patil Trupti	02	03	05
21.	Mrs. Bodhe Swarupa		02	02
22.	Mr. Bide Pramod	01	01	02
23.	Mrs. Kriti Karanam	01		01
24.	Mrs. Solanki Shreya		01	01
25.	Ms. Mumbaikar Snehal	01	02	03
26.	Mrs. Saxena Harsha	01		01
27.	Mr. Gunjgur Prathmesh	01		01
28.	Mrs. Chitte Pallavi	02	02	04

No. of Citation index : 20

Impact factor : 1-3

h-index : -- 4

b. Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Sr. No.	Name of faculty	Publication
1.	Dr. Ramesh Vasappanavara	05
2.	Dr. Ragha Leena	20
3.	Dr. Vidhate A.V.	10
4.	Mrs. Mane Vanita	09
5.	Mr. Marathe Nilesh	08
6.	Mrs. Pulgam Namita	01
7.	Mrs. Chhabria Aditi	10
8.	Mrs. Padiya Puja	06
9.	Mrs. Shedge Rajashree	05
10.	Mr. Ghorpade Tushar	06
11.	Mrs. Bharne Smita	04



c. Chapter in Books

Sr. No.	Name of faculty	Book Name	Publisher	ISBN/ISSN Number	Year
1	Dr. Leena Ragma	Computational Intelligence and Information Technology	Springer	ISBN No: 978-3-642-25733-9	Dec-2011

d. Books with ISBN/ISSN numbers with details of publishers

Sr. No.	Name of faculty	Book Name	Publisher	ISBN/ISSN Number	Year
1	Dr. Ramesh Vasappanavara	Object Oriented Programming Using C++ and Java	Pearson	ISBN No: 978-81-317-5455-9	2011
		Object Oriented Programming Through Java	Pearson	ISBN No: 978-81-317-6904-1	2012
		C & Data Structures by Practice	New Age International Publishers (formerly Wiley Eastern)	ISBN No: 81-224-2021-4	2007

20. Areas of consultancy and income generated:

Sr. No	Faculty name	Project Name	Duration	Income Generated
1.	Dr. A.V. Vidhate Dr. Satish Devane	Wireless Networking for Stadium in collaboration with Dr. D. Y. Patil Stadium	2010-11	191000/-
2.	Dr. P. J. Nikumbh, Mrs. Rajashree Shedge	Online Admission System in collaboration with Om Creation Pvt. Ltd.	2010-12	250000/-
3.	Dr. Lata Ragma, Dr. A. V. Vidhate	E-learning in the Educational cyber world in collaboration with Padmashree Dr. D. Y. Patil University	2010-12	100000/-
4.	Dr. Leena Ragma Mrs. Vanita Mane	Use of Pattern Recognition Technology for the analysis of Heart Rate Variability in collaboration with Padmashree	2010-12	100000/-



		Dr. D. Y. Patil Medical college		
5.	Mr. Nilesh Marathe	QoS Measures for marketing Strategies in collaboration with Padmashree Dr. D. Y. Patil University	2011-12	150000/-
6.	Dr. Ramesh Vasappanavra Dr. A.V.Vidhate Mr. Sanketkumar Biswas	Placyms.rait.com in collaboration with R & D RAES	2012-13	70,000/-
7.	Mr. Nilesh Marathe Mr. Tushar Ghorpade	Online MCQ Conduction in collaboration with Padmashree Dr. D.Y. Patil Medical college	2012-15	60,000/-
8.	Mr. Tushar Ghorpade Mr. Nilesh Marathe	Online Feedback system in collaboration with Dr. D.Y. Patil Medical college	2013-15	60,000/-
9.	Dr. Ramesh Vasapanawara Mrs. Aditi Chhabria	Faculty Profile Management in collaboration with R & D RAES	2013-14	60,000/-
10.	Dr. Ramesh Vasapanawara Mrs. Aditi Chhabria Mrs. Namita Pulgam	Digital Course File in collaboration with R & D RAES	2013-15	70,000/-
11.	Mrs. Smita Bhoir	Online Fees Payment in collaboration with R & D RAES	2014-15	1,00,000
12.	Mr. Pramod Bide	RaitCircle: Moodle S/W – in collaboration with R & D RAES	2014-15	40,000/-
13.	Mr. Tushar Ghorpade	Student Feedback System	2014-15	50,000/-
14.	Mr. Nilesh Marathe	Programming feedback System	2014-15	40,000/-
15.	Mrs. Aditi Chhabria Mrs. Namita Pulgam	CO-PO Feedback System	2014-15	50,000/-



21. Faculty as members in

a) National committees /conferences/Boards

Sr. No.	Name of Faculty	Members in National committees /conferences/Boards	Designation
1.	Dr. Ramesh Vasappanavara	National Board of Accreditation (NBA) New Delhi (from May 2012)	Member expert
		Computer Society of India	Life Member
		Institute of Electronics and Telecommunication Engineers	Fellow Member
		Institute of Engineers	Life Member
		Indian Society of Technial Education	Life Member
2.	Dr. Leena Ragha	A national conference at Pillai HOC COE, Rasayani (February 2014)	Session Chair
		Computer Society of India	Life Member
		Chairman for various subjects, University of Mumbai	Chairman
		Indian Society of Technial Education	Life Member
3.	Mrs. Gaikwad Snehal	Chairman for a subjects, University of Mumbai	Chairman
		Indian Society of Technial Education	Life Member
4.	Dr. Vidhate A.V.	Chairman for various subjects, University of Mumbai	Chairman
		Indian Society of Technial Education	Life Member
5.	Mrs. Mane Vanita	Indian Society of Technial Education	Life Member
		Member for various subjects, University of Mumbai	Member
6.	Mr. Marathe Nilesh	Indian Society of Technial Education	Life Member
		Member for various subjects, University of Mumbai	Member
7.	Mrs. Pulgam Namita	Member for various subjects, University of Mumbai	Member
8.	Mrs. Chhabria Aditi	Indian Society of Technial Education	Life Member
		Member for various subjects, University of Mumbai	Member
9.	Mrs. Puja Padiya	Indian Society of Technial Education	Life Member



10.	Mrs. Shedge Rajashree	Member for various subjects, University of Mumbai	Member
		Indian Society of Technial Education	Life Member
11.	Mr. Ghorpade Tushar	Member for various subjects, University of Mumbai	Member
		Indian Society of Technial Education	Life Member
12.	Mrs. Ahir Sheetal	Indian Society of Technial Education	Life Member
13.	Mrs. Bharne Smita	Indian Society of Technial Education	Life Member
14.	Mrs. Patil Preeti	Indian Society of Technial Education	Life Member
15.	Mrs. Joshi Jyoti	Indian Society of Technial Education	Life Member
16.	Mrs. Bhoir Smita	Indian Society of Technial Education	Life Member
17.	Mrs. Nazia S.	Indian Society of Technial Education	Life Member
18.	Mrs. Turorikar Bhavana	Indian Society of Technial Education	Life Member
19.	Mrs. Patil Trupti	Indian Society of Technial Education	Life Member
20.	Mr. Bide Pramod	Indian Society of Technial Education	Life Member
21.	Mrs. Kriti Karanam	Indian Society of Technial Education	Life Member
22.	Ms. Mumbaikar Snehal	Indian Society of Technial Education	Life Member
23.	Mrs. Saxena Harsha	Indian Society of Technial Education	Life Member
24.	Mrs. Savita Sawant	Indian Society of Technial Education	Life Member
25.	Mrs. Anjali Kalore	Indian Society of Technial Education	Life Member
26.	Mr. Gunjgur Prathmesh	Indian Society of Technial Education	Life Member
27.	Mrs. Chitte Pallavi	Indian Society of Technial Education	Life Member
28.	Mrs. Sumithra T. V.	Indian Society of Technial Education	Life Member



b) International Committees/ Conferences/Boards

Sr. No.	Name of Faculty	Members in International Committees/ conferences/Boards	Designation
1.	Dr. Ramesh Vasappanavara	Institute of Electrical and Electronics Engineers	Life Member
2.	Dr. Leena Ragha	International conference on Advanced Computing Technologies and Applications by DJSCOE, Mumbai March 2015	Session chair
		International Technological Conference (I-TechCON) at V.E.S.Institute of Technology, Chembur, Mumbai Jan,2014	Technical Member
		International Conference on Green Computing and Technolgy BY SIES GST, Mumbai Sep, 2013	Technical Member

c) Editorial Boards/Reviewer

Sr. No.	Name of Faculty	Members in Editorial Boards/Reviewer	Designation
1.	Dr. Ramesh Vasappanavara	Evaluation of Technical Institutions for University of Mumbai. (from May 2013)	Convener Expert
		University of Scotland online webinar, UK (From May 2012)	Member
2.	Dr. Leena Ragha	International Technological Conference (I-TechCON) at V.E.S.Institute of Technology, Chembur, Mumbai Jan,2014	Reviewer
		International Conference on Green Computing and Technolgy BY SIES GST, Mumbai Sep, 2013	Reviewer
		International conference on Advanced Computing Technologies and Applications by DJSCOE, Mumbai March 2015	Reviewer
3.	Dr. A. V. Vidhate	SSBT's college of Engineering and Technology, Bombhori, Jalgaon for North Maharashtra University.	ME Dissertation Reviewer
		G. H. Raisonni Institute of Engineering and Management, Jalgaon for North Maharashtra University.	ME Dissertation Reviewer
		R. C. Patel Institute of Engineering and Technology, Shirpur, Dhule for North Maharashtra University.	ME Dissertation Reviewer
		International conference on Advanced Computing Technologies and Applications by DJSCOE, Mumbai March 2015	Reviewer



		IEEE CHUSER 2012 at Sabah, Malaysia	Reviewer
4.	Mrs. Vanita Mane	International conference on Advanced Computing Technologies and Applications by DJSCOE, Mumbai March 2015	Reviewer

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme:
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

Year	UG		PG	
	Inhouse (%)	Outhouse (%)	Inhouse (%)	Outhouse (%)
2010-11	86.28%	13.72%	100%	0%
2011-12	96%	4%	100%	0%
2012-13	100%	0%	100%	0%
2013-14	98%	2%	98%	2%
2014-15	88.24%	11.76%	100%	0%

23. Awards / Recognitions received by faculty and students

a) Awards / Recognitions received by faculty

Sr.No.	Name of faculty	Awards / Recognition	Year	Organization
1	Dr. Ramesh Vasappanavara	Flag Officers Commendation for Dedication and Devotion to Duty	2011	Naval R&D
		Selection As member NBA evaluating Team for Technology Institution by National Board of Accreditation (NBA).	2013	NBA
2	Dr. Leena Ragma	Excellence in Research	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2014-15	RAES
3	Dr. A V. Vidhate	Excellence in Research	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2014-15	RAES
4	Mrs. Vanita Mane	Best Teacher of Department	2012-13	RAIT SUC
		Best Teacher of Department	2013-14	RAIT SUC
		Excellence in Research	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2014-15	RAES



5	Mrs. Aditi Chhabaria	Institutional Contribution	2013-14	RAES
		Excellence in Research	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2014-15	RAES
		Institutional Contribution	2014-15	RAES
6	Mrs. Rajashree Shedge	Excellence in Research	2013-14	RAES
		Institutional Contribution	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2014-15	RAES
7	Mrs. Puja Padiya	Star Performance	2013-14	RAES
		Excellence in Research	2013-14	RAES
		Excellence in Research	2014-15	RAES
8	Mrs. Tushar Ghorpade	Excellence in Research	2013-14	RAES
		Star Performance	2013-14	RAES
		Institutional Contribution	2013-14	RAES
		Excellence in Research	2014-15	RAES
		Institutional Contribution	2014-15	RAES
9	Mrs. Nilesh Marathe	Institutional Contribution	2013-14	RAES
		Star Performance	2013-14	RAES
		Excellence in Research	2013-14	RAES
		Robotics & Intelligence	2013-14	1st Prize – Robotics Teacher Competition Phase One (IITB)
		Institutional Contribution	2014-15	RAES
		Excellence in Research	2014-15	RAES
10	Mrs. Namita Pulgam	Excellence in Research	2013-14	RAES
		Best Teacher of Department	2014-15	RAIT SUC
		Institutional Contribution	2014-15	RAES
11	Mrs. Preeti Patil	Excellence in Research	2014-15	RAES
12	Mrs. Smita Bharne	Young Investigator Award	2012-13	International Conference on Computer Science and Engineering
		Institutional Contribution	2013-14	RAES
		Excellence in Research	2013-14	RAES
		Excellence in Research	2014-15	RAES
13	Mrs. Jyoti Joshi	Excellence in Research	2014-15	RAES
14	Mrs. Smita Bhoir	Excellence in Research	2013-15	RAES
		Institutional Contribution	2013-14	RAES



b) Awards / Recognitions received by students

a) Academic Awards

Sr.no	Name of student	Awards / Recognition	Year	Organization
1.	Sanketkumar Biswas Maulin Thanawal Mornu Gangkak	1 st Prize in College-Level Project Competition	2012-13	RAES
2.	Sreejith Menon Akash Malbari Manish Gajare	4 th Prize in College-Level Project Competition	2012-13	RAES
3.	Karmarkar Surjeet Jadhav Umesh Maity Shubhdip	Consolidation II Prize in College-Level Project Competition	2012-13	RAES
4.	Karmarkar Surjeet Jadhav Umesh Maity Shubhdip	1 st Prize in College-Level Project Competition	2013-14	RAES
5.	Siddharth	3 rd Prize in College-Level Project Competition	2013-14	RAES
6.	Saini Ajitkaur	University Ranker (Fourth Rank)	2012-13	RAES
		BE-First	2012-13	RAES
7.	Sawant Swati	BE-Second	2012-13	RAES
8.	Shirode Richa	BE-Third	2012-13	RAES
9.	Khair Nilam	TE-First	2012-13	RAES
10.	Bassan Jasprit	TE-Second	2012-13	RAES
11.	Warke Chetan	TE-Third	2012-13	RAES
12.	Usatkar Pradnya	SE-First	2012-13	RAES
13.	Newalekar Priyal	SE-Second	2012-13	RAES
14.	Singh Anjali	SE-Third	2012-13	RAES
15.	Shetti Ashish	FE-First	2012-13	RAES
16.	Bag Shreetoma	FE-Second	2012-13	RAES
17.	Aundhkar Renuka	FE-Third	2012-13	RAES
18.	Jain Shivi	ME-First	2012-13	RAES
19.	Kadam Seema Pandurang	BE-First	2013-14	RAES
20.	Wavhal Prasad Tushar	BE-Second	2013-14	RAES
21.	Warke Chetan Gopal	BE-Third	2013-14	RAES
22.	Newalkar Priyal Prafull	TE-First	2013-14	RAES
23.	Usatkar Pradnya Bandhu	TE-Second	2013-14	RAES
24.	Tiwari Anjali Brahm	TE-Third	2013-14	RAES
25.	Mulla Fatima Hanif	SE-First	2013-14	RAES
26.	Nair Savitha Sankarankutty	SE-Second	2013-14	RAES
27.	Bag Shreetoma Subrato	SE-Third	2013-14	RAES



28.	Jadhav Mayuri Manoj	FE-First	2013-14	RAES
29.	Chikhalekar Sneha Janardan	FE-Second	2013-14	RAES
30.	Nakhawa Tanvi Jeetendra	FE-Third	2013-14	RAES
31.	Oak Sujata Atul	ME-First	2013-14	RAES
32.	Varkha Gupta	University Ranker (18th Rank)	2014-15	RAES
		BE-First	2014-15	RAES
33.	Priyal Nebalkar	University Ranker (38th Rank)	2014-15	RAES
		BE-Second		
34.	Shraddha Sharma	BE-Third	2014-15	RAES
35.	Vanita Agrawal	ME-First	2014-15	RAES

b) Cultural Awards

Sr. No.	Name of the student	Cultural activity	Details of the event participated and prize won (if any)	Year
1.	Aalok Shewade	Group Dance in BLITZKRIEG in Parshvanath COE.	1st Position	2012-13
2.	Ankit Shah	Elocution	Participation	
3.	Abhilash Panicker	Western Instrumental	Consolation	
4.	Dhananjay	Group Dance	1st Position	
5.	Aalok Shewade	Group Dance in TATVA MOKSH in SIES.	3rd Position	
6.	Nikita Rana	Elocution of Kalaragg	1st Position	
7.	Nikita Rana	Fr. Conceicao Rodrigues Memorial Debate	Participation	
8.	Nikita Rana	National Level Debate competition	Participation	
9.	Eilannit Hillel Gadkar	Dhating Nach, TRIFLES-2014	Participation	2013-14
10.	Eilannit Hillel Gadkar	Group Dance, Symphony 2014, KJSCE	Certificate of Excellence	
11.	Eilannit Hillel Gadkar	Dhating Nach, Trifles-2014, TSCE, Bandra, Mumbai	Participation	
12.	Ankit Shah	Debate	Participation	
13.	Abhilash	Western Instrumental	3rd Position	



	Panicker			
14.	Devendra Tayade	Elocution of Kalaraag	Participation	2014-15
15.	Sandesh Kolekar	Group dance during Manzar 2015 at Institute of Chemical Technology, Mumbai 19	2nd Positon	
16.	Eilanit Gadkar	Group dance during Manzar 2015 at Institute of Chemical Technology, Mumbai 19	Participation	
17.	Kajal Soni	Painting competition on Konkan on canvas at St Xabiers College – Autonomous	Participation	
18.	Kajal Soni	On the Spot painting of KALARAAG,Kalamahot sav at RAIT	1st Position	

c) Sports Awards

Sr. No.	Name of the student(s)	Sports activity	Details of the event participated and prize won (if any)	Year
1.	Shraddha Sharma	Throwball in Stamina 2013 Intra College Sports, RAIT	1st Position	2012-13
2.	Kavita Choudhary	Throwball in Stamina 2013 Intra College Sports, RAIT	1st Position	
3.	Namrata Pillai	Girls Badminton Doubles, OLYMPIA 2013 , Dr. D Y Patil Sports Academy	3rd Position	
4.	Namrata Pillai	Badminton Mixed doubles, OLYMPIA 2013 , 5Dr. D Y Patil Sports Academy	2nd Position	
5.	Saurabh Mishra	Boys TT Doubles, STAMINA 2012 Intra College Sports, RAIT	1st Position	
6.	Narsimha Walekar	Hockey, STAMINA 2013 Intra College Sports, RAIT	2nd Position	
7.	Namrata Pillai	Box Cricket	2nd Position	



		STAMINA 2013 Intra College Sports, RAIT		
8.	Namrata Pillai	Throwball in Stamina 2013 Intra College Sports, RAIT	1st Position	
9.	Namrata Pillai	Girls Badminton Singles, STAMINA 2013 , Intra College Sports, RAIT	2nd Position	
10.	Darshan Sawanth	KHO-KHO, OLYMPIA-2013, RAIT	FIRST	2013-14
11.	Mandeep Vratesh	Throwball in Stamina 2014 Intra College Sports, RAIT	2nd Position	2014-15
12.	Harshit Singh	Volleyball in Olympia2015 IntraCollege Sports, RAIT	2nd Position	
13.	Vamsi Krishnan	Basketball in Stamina 2014 Intra College Sports, RAIT	1st Position	
14.	Vamsi Krishnan	Basketball(Boys) in Olympia 2014 Intra College Sports, RAIT	2nd Position	
15.	Avnish Kadam	Basketball in Stamina 2014 Intra College Sports, RAIT	1st Position	
16.	Avnish Kadam	Basketball(Boys) in Olympia 2014 Intra College Sports, RAIT	2nd Position	
17.	Rutuj Puranik	Chess in Sports Extravaganza 2015	2nd Position	
18.	Devendra Tayade	Table Tennis at BITS Open Sports Meet 2014	Participation	
19.	Pranav Shetty	Chess Tournament at Shri Maheshwaranand Sarswati Memorial All India Open Fide Rating	7th Position	
20.	Pranav Shetty	Chess in 13th Parsvnath Delhi International Open Grandmasters Chess tournament 2015 (Category A)	74th Position	



21.	Pranav Shetty	Chess in Stamina 2014 Intra College Sports, RAIT	1st Position
22.	Pranav Shetty	Chess in Olympia 2014 Intra College Sports,RAIT	1st Position
23.	Shivprasad Gond	Kabaddi in Olympia 2015 Intra College Sports,RAIT	2nd Position
24.	Shubham Singh	Cricket in Olympia 2015 Intra College Sports,RAIT	1st Position
25.	Shubham Singh	Cricket in Enthusia 2014 National Level Competition	1st Position
26.	Shubham Singh	Cricket at National Level Inter-Engineering Sports Meet SUMMIT '14	Participation
27.	Shubham Singh	Cricket event during "EPL 2014"	2nd Position
28.	Ganesh Adekar	Tug of War event during Stamina 2014 intra college festival	2ndPosition
29.	Ganesh Adekar	Cricket in National Level Inter Engineering Sports Meet SUMMIT'14	Participation
30.	Ganesh Adekar	Cricket during ENTHUSIA 2014 ,a National Level Competition	Winner
31.	Ganesh Adekar	Cricket during EPL 2014 intra college festival	2ndPosition
32.	Aonkar Sawant	Cricket during EPL 2014 intra college festival	2ndPosition
33.	Aonkar Sawant	Tug of War event during Stamina 2014 intra college festival	1stPosition
34.	Aonkar Sawant	Tug of war(Boys)held in Olympia 2014 intra college festival	1stPosition



24. List of eminent academicians and scientists / visitors to the department

Sr.No.	Year	Name of academician/ scientist/ visitor	Designation	Purpose
1.	February 2010	Dr.Subhash Shinde	LT College of Engineering, Navi-Mumbai	Expert guidance on “Data Mining “
2.	August 2010	Dr. C.A. Murthy	ISI, Kolkatta	Expert guidance on “Pattern Recognition”
3.	August 2010	Dr. Pushpak Bhattacharyya	IIT Bombay	Expert guidance on “Natural Language Processing ”
4.	August 2010	Dr. Rajat Kumar	ISI, Kolkatta	Expert guidance on “Bioinformatics”
5.	August 2010	Dr. Sumantra Dutta Roy	IIT Delhi	Expert guidance on “Gesture Analysis”
6.	August 2010	Shri. S.K.Bose	BARC, Mumbai	Expert guidance on “Image Mosaicing”
7.	August 2010	Dr. Sharat Chandran	IIT Bombay	Expert guidance on “Graphic Processing Unit”
8.	August 2010	Dr. B.Krishna Mohan	IIT Bombay	Expert guidance on “Neural Network ”
9.	August 2010	Dr. M Sasikumar	CDAC, Mumbai	Expert guidance on “OCR in Indian languages”
10.	August 2010	Dr. A. G. Ramakrishnan	IISc, Bangalore.	Expert guidance on “Document Analysis and Recognition”
11.	December 2010	Dr.. Nupur Giri	Professor (VESIT) Mumbai	Expert guidance on “Mobile Computing”
12.	December 2011	Dr. Vijayalaxmi	Professor (VESIT) Mumbai	Expert guidance on “Database and Mining”
13.	March 2011	Dr. Munir Sayyad	Reliance, Navi-Mumbai	Expert guidance on “Pattern Recognition”
14.	October 2012	Prof. Ashok Khanthe	Professor(SIT) Lonawala	Expert guidance on “Wireless Network”
15.	May 2013	Prof. Rajesh Kadu	Professor (DMCE) Navi Mumbai	Expert guidance on “Wireless Network”
16.	July 2013	Prof. A. P.	Professor	Expert guidance on



		Pande	(DMCE) Navi Mumbai	“Database and Mining”
17.	August 2013	Dr. Sanjay S. Pawar	Professor (SNDT) Mumbai	Expert guidance on “Networks”
18.	September 2013	Dr. Archana Ragurkar	Professor(MGM) Nanded	Expert guidance on “Image Processing”
19.	September 2013	Prof. B. N. Jagdale	Professor(MIT) Pune	Expert guidance on “Networks”
20.	Jan 2014	Prof. Jyoti Malhotra	MIT, Pune	Expert guidance on “Database and Mining”
21.	January 2014	Dr. Kalyan Chakrawarthy	Hydrabad	Expert talk on “Security issues in Manet”
22.	January 2014	Dr. V. Shanti	JNTU, Hydrabad	Expert talk on “Wireless Networks & Grid Computing”
23.	January 2014	Mr. Vicky Shah	Advocate	Expert talk on “Cyber Security,Cyber Forensics”
24.	January 2014	Mr. Gautam Vasappanavara	Know Cross Technology, Delhi	Expert talk on “TalkAndriod Application Security”
25.	March 2014	Dr. Satish Kumar Verma	Professor(PIIT) Navi Mumbai	Expert guidance on “Computer vision”
26.	April 2014	Dr. Madhumita Chatterjee	Professor(PIIT) Navi Mumbai	Expert guidance on “Network Security”
27.	April 2014	Prof. Deepak Sharma	Professor(KJSOE) Mumbai	Expert guidance on “Network Security and Image Processing”
28.	April 2014	Prof. Swati Shinde	PCCOE,Pune	Expert guidance on “Network Security and Image Processing”
29.	June 2014	Dr.Ajay Gurjar	Amaravati University	Expert guidance on “Pattern Recognition “
30.	July 2014	Prof. G. P. Bhole	Professor (VJTI) Mumbai	Expert guidance on “Network Security and Image Processing”
31.	July2014	Dr. S.V.Dudul	Amaravati University	Expert guidance on “Artificial Intelligence”
32.	August 2014	Dr.Padmja Joshi	CDAC, Mumbai	Expert guidance on “Networking”



33.	August 2014	Prof. Mahesh Shirole	VJTI, Mumbai	Expert guidance on “Data Mining”
34.	October 2014	Prof. Ashok Khanthe	Professor(SIT) Lonawala	Expert guidance on “Wireless Network”
35.	December 2014	Dr.. Nupur Giri	Professor (VESIT) Mumbai	Expert guidance on “Mobile Computing”
36.	December 2014	Dr. Vijayalaxmi	Professor (VESIT) Mumbai	Expert guidance on “Database and Mining”
37.	February 2015	Dr.Udhav Bhosale	Principal, RGIT, Mumbai	Expert guidance on “Image Processing”
38.	February 2015	Dr. Uttam Kolekar	Principal, A.P.Shah Institute of technology, Thane	Expert guidance on “Wireless Network”
39.	March 2015	Dr. Lata Ragma	Professor TEC, Navi Mumbai	Expert guidance on “Network Security”
40.	March 2015	Dr. Sanjeev Tambe	Scientist, Reaction Engineering (NCL, Pune)	Expert talk on “Applications of Computational Intelligence for modeling and optimization of chemical processes “
41.	March 2015	Dr. M. Sasikumar	Associate Director(CDAC, Mumbai)	Expert talk on “Computational Intelligence”
42.	March 2015	Dr. P. Krishna Subba Rao	HoD, CS,GVPCOE, Visakhapatnam	Expert talk on “Soft Computing Techniques in TYPE II diabetes using Gene Expression Profile Data”
43.	March 2015	Dr. Siby Abraham	HoD, Mathematic, GN Khalsa College of Engg, Mumbai	Expert talk on “Application of Soft Computing in Bioinformatics”
44.	March 2015	Dr.Chelpa Lingam	Principal, Pillai HOC, Rasayani	Expert talk on “Emotional Intelligence “
45.	March 2015	Dr. Prachi Gharpure	Principal, SPIT, Chairman, BoS, Mumbai University	Keynote speech on “E-Learning Technology”
46.	March 2015	Dr. Surya Durbha	Associate Professor, (IITB)	Expert talk on “Domain Adaptation Approaches for Rapid Disaster Assessment using



				Remote Sensing Data”
47.	March 2015	Dr. Saketha Nath	Assistant Prof(IITB)	Expert talk on “Class Ratio Estimation using MMD”
48.	March 2015	Dr. Pushpak Bhattacharyya	Professor(IITB)	Expert talk on “Sentiment Analysis on Social Media”
49.	March 2015	Dr. B. Krishna Mohan	Professor (IITB)	Expert talk on “Computational Intelligence”
50.	March 2015	Dr. Ramamurthy	Hydrabad	Expert talk on “Cognitive Wireless Sensor Network, Security and other related issues”
51.	March 2015	Dr. Y. S. Rao	Vice Principal, Professor & HoD SPIT , Mumbai	Expert talk on “Real time Simulations and Hardware in the loop”
52.	April 2015	Prof.Jayashree B. Jagdale	Professor(MIT) Pune	Expert guidance on “Database Security”

25. Seminars/ Conferences/Workshops organized & the source of funding

Give details of workshops/ training programmes /sensitization programmes conducted/organized by department. Please give details of eminent researchers attended.

a. Name & details of Seminar Conducted by the department:

Sr. No.	Title of the Workshop/Training Programme	Distinguished Speakers/Experts	Source of Funding	Fund Received	No. of participants	Year
1.	National Level Workshop on “Emerging Trends in Pattern Recognition”	Experts from IIT Bombay, IIT Delhi and BARC	R&D RAES	1,50,000	76	2010-2011
2.	Technical Talk by Ex NASA member	Ex NASA Dr Zakir Taquvi	R&D RAES	5,000	100	2013-2014
3.	National Level Workshop on “Advanced Technology Trends in Security Issues of Adhoc and	Experts from IIT Kharagpur, IIT Bombay, CDAC	AICTE, R&D RAES	2,30,000	90	2013-2014



	Sensor Networks “					
4.	National Level Workshop on “Computational Intelligence”	Experts from IIT Bombay, Pune and Hyderabad	R&D RAES, CSI	1,58,000	60	2014-15

b. Name & details of Workshop Conducted by the department:

Sr. No.	Title of the Workshop/Training Programme	Distinguished Speakers/Experts	Source of Funding	Fund Received	No. of participants	Year
1.	NS2 and its Application	Mrs. Puja Padiya Mrs. Aditi Chhabaria	R&D RAES	5,000	150	2010 - 2011
2.	Android Workshop in collaboration With “mosterindia.com”	Experts from Mosterindia	R&D RAES, CSI	10,000	120	2011 - 2012
3.	Workshop on Ethicall Hacking	Mr. Ankit Fadia	RAES, CSI	5,000	111	
4.	Cloud Computing and Grid Computing	Mr. Arul Shahaz	R&D RAES	20,000	50	2012 - 2013
5.	Basics of Linux	Mrs. Vanita Mane	R&D RAES	5,600	150	
6.	Workshop on LATEX	Mr. Sandeep Udmale	R&D RAES	6,700	90	
7.	Web Designing and Development	Mr. Shamsher Singh Mr. Tushar Ghoprpad	R&D RAES	19,000	150	2013 - 2014
8.	Linux Enterprise Technologies and Server Application	Dr. A. V. Vidhate Mrs. Nilesh Marathe	R&D RAES	8,000	30	
9.	NS2 workshop	Mrs. Smita Bhoir Mrs. Trupti	R&D RAES	6,500	30	



		Patil				
10.	Workshop on Web Technology	Mrs. Smita Bhoir Mrs. Sheetal Ahir	R&D RAES	5300	120	
11.	Workshop on LATEX	Mrs. Vanita Mane	R&D RAES	5,750	36	
12.	Advanced Web Technology	Mrs. Smita Bhoir Mrs. Sheetal Ahir	R&D RAES	10,500	60	2014 - 2015
13.	NS2 and its Applications	Mrs. Puja Padiya	R&D RAES	7,650	145	

c. Name & details of Training Programmes Conducted by the department:

Sr. No.	Title of the Workshop/Training Programme	Distinguished Speakers/Experts	Source of Funding	Fund Received	No. of participants	Year
1.	Configuration of CISCO Router	Mr. Nilesh Marathe	R&D RAES	5,000	30	2011-12
2.	Web Development	Mr. Tushar Ghorpade	R&D RAES	4,600	100	2011-12
3.	Institute Level Project Competition	Dr. Ramesh Vasappanavara Dr. M.D. Patil and evaluaters	R&D RAES	7,100	20 Project Groups	2012-13
4.	Institute Level Project Competition	Dr. Ramesh Vasappanavara Dr. M.D. Patil and evaluaters	R&D RAES	7,100	20 Project Groups	2013-14
5.	Workshop on Advanced Java Concept	Mrs. Rajashree Shedge Mrs. Smita Bharne Mrs. Smita Bhoir	R&D RAES	6,500	150	2013-14
6.	Inter department Programming Competitions	Faculty of Computer Dept.	R&D RAES	25,000	34	2013-14
7.	Institute Level Project	Dr. Ramesh Vasappanavara	R&D RAES	7,100	20 Project	2014-15



	Competition	Dr. M.D. Patil and evaluaters			t Group s	
8.	Matlab for Pattern Recognition BE and ME students	Dr. Leena Ragha Mrs. Harsha Saxena	R&D RAES	5,200	120	
9.	Linux Server Installation	Mrs. Vanita Mane Mrs. Puja Padiya Mrs. Rajashree Shedage	R&D RAES	6,000	300	
10.	IBM SEED Program for Business Intelligence Using IBM Cognos BI	Mr. Vikee Chingare	R&D RAES	7,000	50	
11.	IBM SEED Rational Suite Enterprise(RSA)	Mr. Amit K.	R&D RAES	9,000	50	
12.	IBM SEED Program for Enterprise Application Development & Deployment for Cloud Environment	Mr. Suleman	R&D RAES	7,000	50	
13.	GUI Using JAVA	Mrs. Rajashree Shedge Mrs. Smita Bharne Mrs. Smita Bhoir	R&D RAES	8,400	100	



d. Name & details of Expert Lectures Conducted by the department:

Sr. No.	Name of Expert	Web Development	Date
1.	Dr. Leena Ragha	Machine Learning	August-2010
2.	Mrs. Vanita Mane	Linux Server Installation	September-2010
3.	Mr. Satyajit Ashtekar	ERP Design and Technology	October-2010
4.	Dr. Satish Devane	Mobile Networks	January-2011
5.	Dr. Lata Ragha	MANET, protocol issues	February-2011
6.	Dr. Vidhate A.V.	Mobile Computing	March-2011
7.	Mr. Nilesh Marathe	Networking	August-2011
8.	Mrs. Rajashree Shedge	Advanced SQL	September-2011
9.	Mr. Satyajit Ashtekar	Emerging Storage & Hardware	February-2012
10.	Dr. Nupur Giri	Mobile Computing	March-2012
11.	Mrs. Puja Padiya	Network Security	October-2012
12.	Dr. Vidhate A.V.	Wireless sensor network	January-2013
13.	Mrs. V. Shanti	Research in Cloud and Grid Computing	February-2013
14.	Dr. Sayyad Munir	Research Areas of MANET and VANET	March-2013
15.	Dr. Ramesh Vasappanavara	Advanced Algorithms	August-2013
16.	Mrs. Kavita Kelkar	Software Architecture	September-2013
17.	Mr. Gautam V	Data Structure- Graphs and Trees	October-2013
18.	Mr. Kiran Sawant	Ontology and its application	April-2014
19.	Dr. Leena Ragha	Computer Vision	March-2014
20.	Mrs. Kausar Fakir	Electronic Circuits	August-2014
21.	Mrs. Poornima Talwai	Communication Fundamentals	August-2014
22.	Dr. Ramesh Vasappanavara	Advanced Algorithms	September-2014
23.	Mr. Anand V	Data Structure and its applications	October-2014
24.	Mr. S. K. Basu	Technical Talk	2015
25.	Dr. Vishwesh Vyawahare	Algebraic Structures	February-2015
26.	Mr. Gautam V	Structured Programming Approach	March-2015
27.	Mr. Nilesh Marathe	Security in Mobile Communications	April-2015



26. Student profile programme/course wise:

UG: (Centralized Admission Process)

Year	Name of the Course	Selected / admitted	Enrolled		Pass percentage
			*M	*F	
2010-11	Computer Engineering	145	90	55	89.9%
2011-12	Computer Engineering	144	101	43	85.9%
2012-13	Computer Engineering	151	106	45	89.3%
2013-14	Computer Engineering	156	103	53	90.7%
2014-15	Computer Engineering	150	92	58	100%

PG:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-11	90	18	3	15	55%
2011-12	120	36	7	29	56%
2012-13	150	35	15	20	91.14%
2013-14	Centralized Admission Process	36	15	21	85.71%
2014-15		29	11	18	82.14%

Ph.D.:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2012-13	50	3	0	3	In process
2013-14	30	5	1	4	In process

*M = Male *F = Female



27. Diversity of Students

Name of the Course	Year of Admission	Shift	% of students from the same state	% of students from other States	% of students from abroad
UG	2011-12		98.33	1.67	0
	2012-13		99.16	0.84	0
	2013-14	First	99.16	0.84	0
		Second	98.33	1.67	0
	2014-15	First	99.16	0.84	0
		Second	100	0	0
PG	2011-12		100	0	0
	2012-13		100	0	0
	2013-14		100	0	0
	2014-15		100	0	0
Ph.D	2012-13		100	0	0
	2013-14		100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sr. No.	Year	Students Cleared National and State Competitive Examinations				
		GATE	UPSC/MPSC	Defense Services	GRE/GMAT	CAT/ CET
1.	2010-11	10	1	1	5	4
2.	2011-12	21	1	0	8	1
3.	2012-13	14	1	1	13	10
4.	2013-14	20	2	2	24	6
5.	2014-15	32	4	1	30	5



29. Student progression:

Student progression	Against % enrolled				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
UG to PG	18%	26%	33%	45%	60% (in Process)
PG to Ph.D.	11%	6%	--	31%	17%
Employed in Campus Selection	81%	86%	83%	86%	88%
Other than campus recruitment	17%	12%	14%	11%	(in Process)
Entrepreneurship/Self-employment	2%	2%	3%	3%	(in Process)

30. Details of Infrastructural facilities

SR.NO	Infrastructural facility	Details	Number
1.	Library	No. of Titles	5444
		No. of Books	15173
		Journals, Magazines & Periodicals	67
		e-Journals	IEEE, Springer and Sc.Direct.
		CDs	100
	Department Library	Books	748
		Manuals	178
		Other	84
Total	1010		
2.	Internet facility for staff and students	Computers	400
		Computers with internet facility	400
		Bandwidth	135 Mbps
3.	Classrooms with ICT facility	Classrooms	08
		Tutorial rooms	03
		Seminar Rooms	01
4.	Laboratories	Computer Labs	09
5.	Major Equipments:	Servers	05
		40 KVA UPS	1
		Switches	



31. Number of students receiving financial assistance from college, university, government or other agencies

Sr. No.	Details of financial assistance		SC/ST/OB C/SB/NT/ VJ	Minority	EBC	Other	RA-ES for Proje cts	RAES Scholarshi ps (Prizes/ Fee concession) for Toppers - BE/ME
1.	2010-11	Count	133	7	16	6	-	-
		Amount	5479600	175000	428192	150000	-	-
2.	2011-12	Count	154	4	22	7	1	-
		Amount	6652800	10000	720500	175000		-
3.	2012-13	Count	176	5	24	8	-	13
		Amount	8976000	125000	822600	200000		4,34,207/-
4.	2013-14	Count	225	6	21	22	2	13
		Amount	13050000	150000	525000	770000		3,65,000/-
5.	2014-15	Count	218	5	19	23		
		Amount	16208137	125000	385000	644000		

32. Details on student enrichment programmes (special lectures / workshops/ Seminar) with external experts:

Stress Management and wellness Programs

Sr. No	Enrichment Programmers	Year
1.	Stress Free Workshop by Brahma Kumari	13-20 August 2013
2.	Technical Talk on Research Trends in Aeronautics Engineering by Ex NASA Dr Zakir Taquvi	2014
3.	Stress Management Workshop by Ramakrishna mission	6- 7 th February 2014
4.	Sahaj Yoga Meditation for Students & Faculties	2-5 th March 2015
5.	Technical Talk by BARC director Mr Sekhar Basu (India's Nuclear Power Program)	2015
6.	Success Mantra for Life by Mrs Jayanti Chavan	17 th September 2015
7.	Effective Public Speaking by Mr. Mihir Mankad	11 th August 2015



33. Teaching methods adopted to improve student learning

a) Teaching Innovations:

Details of the innovation	Description	Year of Implementation
Use of LCD Projector for Presentations	Tutor uses animated pictures and ppts for explaining the concepts more effectively	2010-11
Quizzing	For revision and finding weak students	
Competitions/project works/seminars	Provides tutor, a platform to enhance student's practical skills, solving real time problems, presentation skills and to build competitive spirits in students.	2011-12
Internet / WiFi facility for online video streaming	It helps tutor to access the study contents available online such as NPTEL videos and other educational contents to clarify and deliver the topic in a better way.	
Use of Smart Board and recording facility.	Smart Board enables the tutor to explain the concepts intuitively as we do on a white board with added tools to draw figures, to invoke images, videos, to record the written content on the board for later use.	2012-13
Use of Podium with mike and speaker for audio presentations	Tutor uses mike to increase audibility and also to play audio and video clips for the entire class.	2013-14
Virtual class room through Webinar	Enables the tutor to attend the workshops/ Lectures remotely and exchange the thoughts. Tutor's lectures and presentations are also recorded and made available through Webinar for repeat hearing, etc.	2014-15



b) Innovations and best practices in learning process

Learning Innovations:

Details of the innovation	Description	Year of Execution
Group Discussions	To share the knowledge, to develop group communication skills.	2010-2011
Quizzing	Spontaneous answering and thinking skills.	
Assignments/Tutorials	Problem solving and case study handling skills. Expose to variety of problems including GATE level.	
Internet	To learn from experts across the globe such as NPTEL videos and other educational contents from reputed professors.	2011-12
Presentations	Students learn well planned presentation skills to prepare and present	
Projects (for Life Long Learning)	Students can work on real time or research oriented projects and learn the methodology of analyzing, designing, implementing, testing and validating skills. The research oriented projects enhance specific domain knowledge and give a path for continuous learning with passion.	
Seminars and expert lectures	To get the knowledge about the advancements happening in various Technological fields and the approaches followed by individuals	2012-13
Internships	To get practical knowledge and industrial exposure	
Organizing Technical Events	To add leadership qualities, group management skills and to improve self confidence and personality	
Hands on Workshops for practical-oriented subjects	To acquire the skills required for bridging industry expectations.	
Competitive activities to enhance programming skills	To test and showcase their knowledge of coding	
Project Competitions	To justify the worthiness of the project for practical use.	2013-14
Virtual class room through Webinar	To interact with remote talents and to acquire knowledge in specific domains.	2014-15
Involvement in SciTech Exhibition	To learn to map the technology to our day today life and to project the technical things in a non-technical way so that a common man will understand the use of technology.	



4. Participation in Institutional Social Responsibility (ISR) and Extension activities

The Institute has a Students' Social wing with active student members from all the departments. The students and faculty actively participate in a number of social activities as listed below.

Sr. No.	Activity	Year
1.	Blood donation camp within the campus	2010-11
2.	Blood donation camp within the campus	2011-12
3.	Tree Plantation within the campus	2012-13
4.	Plastic-free society awareness drive through campus	2013-14
5.	Workshop for self-defense of women	
6.	Traffic signal campaign	
7.	Diwali visit for orphanage	
8.	Teaching childrens of Girija Balgruha.	2014-15
9.	Sponsoring Children from World Vision	
10.	Joy fest for Children of Girija Balgruha with various fun events, food and sports.	
11.	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.	
12.	Alleviating Trouble- by gifting Mixer Grinder to Anand Ashram Old Age	
13.	Alleviating Trouble- by gifting Water Heater to Girija Balgruha	
14.	Sonsoring Orphans' School Admission fees.	
15.	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.	
16.	Christmas Celebration at Girija Balgruha.	
17.	Campus Vist of children of Girija Balgruha during Tech fest,- Children participated in some events, viewed some technical events, played sports, interacted with Alumni, Principal of RAIT and Faculty.	
18.	The Colors of Holi – Celebrated Holi with the residents of Anand Ashram.	
19.	Street Play on Woman's rights at RAIT campus, Nerul Station, Vashi Station and Panvel Station.	
20.	Donation of Computers – for Girija Balgruha.	



35. SWOC analysis of the department and Future plans.

Strengths:

- Young and dynamic faculty with sound academic backgrounds
- Favorable Student-Teacher ratio.
- Well-equipped laboratory, library and technology enhanced teaching learning initiatives.
- Adequate funding for research, teaching improvement programs, and maintaining and upgrading facilities.
- Quality Assurance Mechanisms and use of ICT based systems to communicate with students to ensure the quality imparting of knowledge.
- Automation of computing the course achievements of students and that of faculty for identifying the lacunas.
- Growing opportunities and attractive packages from IT industry.

Weaknesses:

- Quality of students due to lack of motivation to excel, the culture of being “spoon-fed” , and Inadequate training in critical or analytical thinking.
- Deficiencies in certain outcomes in graduating students like communication skills, technology depth, analytical thinking and interest in self-study beyond syllabus and continuing education.
- As University of Mumbai has Credit Based Grading System, still the system is teacher centric and not learner centric.
- Mismatch between education received by graduates and job requirements.
- The affiliation to a university precludes timely curriculum updating and introduction of innovative reforms
- Lack of adequate Industry-Institution interaction.
- Lack of availability of Ph.D for faculty position and increasing proportion of new faculty who need adequate training to meet the needs.

Opportunities:

- Available faculty development opportunities with sufficient funding, institutional support for sabbaticals, travels, etc., availability of international workshops, seminars, conferences, etc., and possibility of teachers doing both teaching and research.
- As the University has plans to introduce Choice Based Credit System, there is a possibility to make the system more dynamic and student centric. This can open up chances for interdisciplinary courses and higher studies.
- Being present in a prime location, the institute has opportunities for industry interactions, Industry-Academic partnership, student exchange programs and opportunities for research.
- Emerging technologies that does not require extensive industrial infrastructure and set up cost to do research activities.
- New teaching methods and possibility of utilizing e-learning using ICT facilities.



- Young and dynamic society with a good pool for potential students and readiness to accept changes, there is a possibility of creating multi-disciplinary professionals within a given time frame.

Challenges:

- Competition from local, regional and global private colleges and accessibility of international colleges and distance education.
- Fast pace of developments in technology (e.g. IT, emerging new fields) to adapt to.
- Declining enrollment/interest in engineering with lack of sufficient number of quality students with strong interest in engineering.
- Increase in larger number of students is relying on notes based/ suggestion based learning targeted toward simply clearing the examinations with negligible importance given to real understanding of the subject. This trend is detrimental to the quality of Higher Education and needs to be addressed.
- Inculcating design and innovation competencies.
- Entrepreneurship and academic leader development.

Road Ahead:

- Recruiting and retaining well-qualified faculty.
- To Develop, Setup & Upgrade laboratories and to procure softwares as per the revised syllabus & recent industry trends.
- To produce ranks and 100 % results.
- Enhancement of research activities through MoU with Premier National and International Institutes.
- To Organize International level conferences and workshops.
- To start various activities under Research & Development Cell.
- To improve placement ratio with the help of Alumni, Industry-Institution Interaction and training programs.
- To enhance entrepreneurship by nourishing the ideas with incubation center.

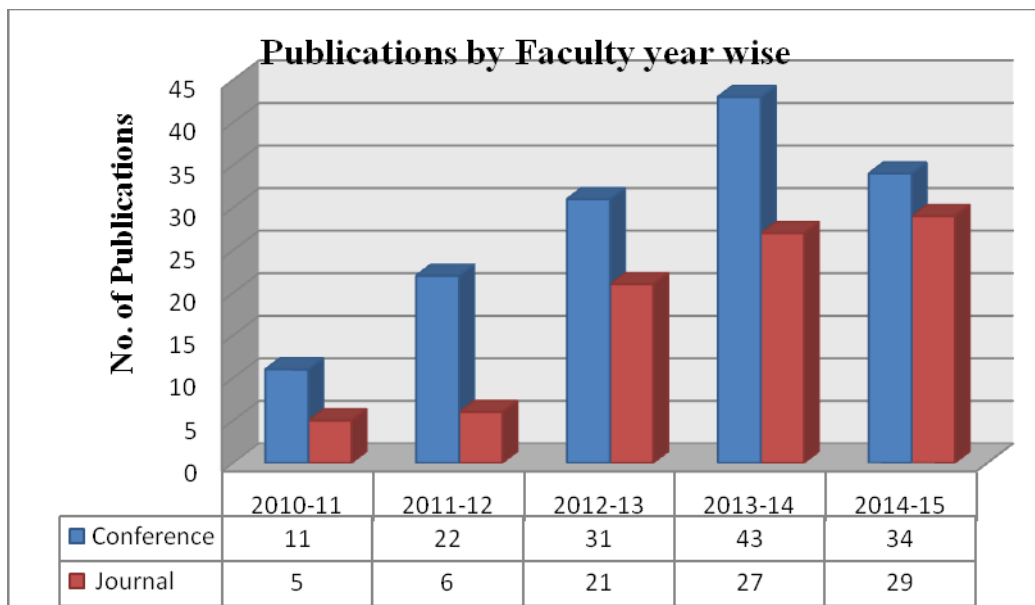


Graphical representation of the data

1. Total Publications by Faculty



2. Publications by Faculty year wise





3. Workshop / Seminar / STTP Attended

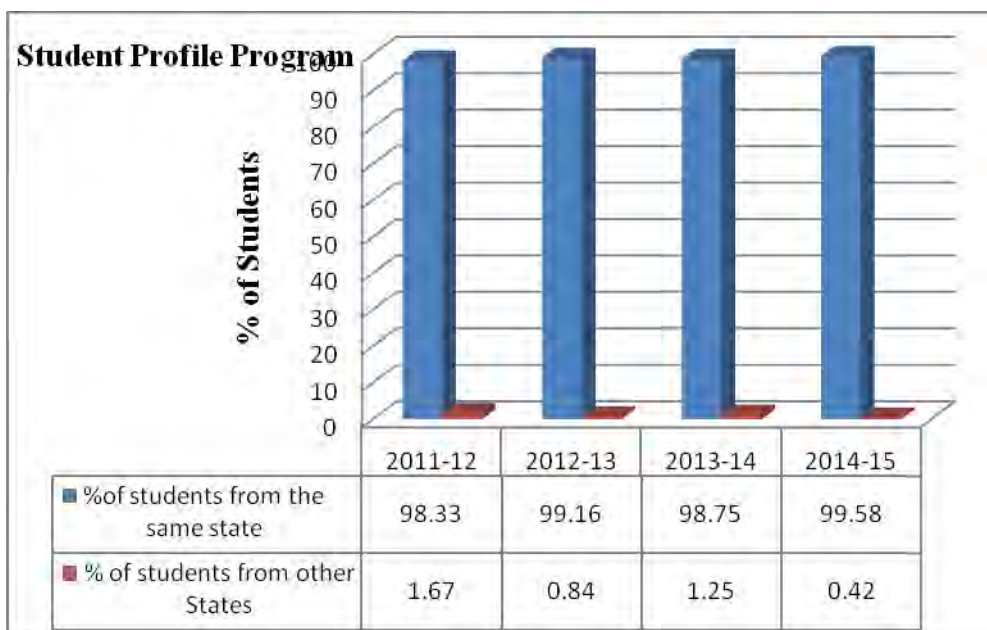


4. Workshop / Seminar / STTP Organized

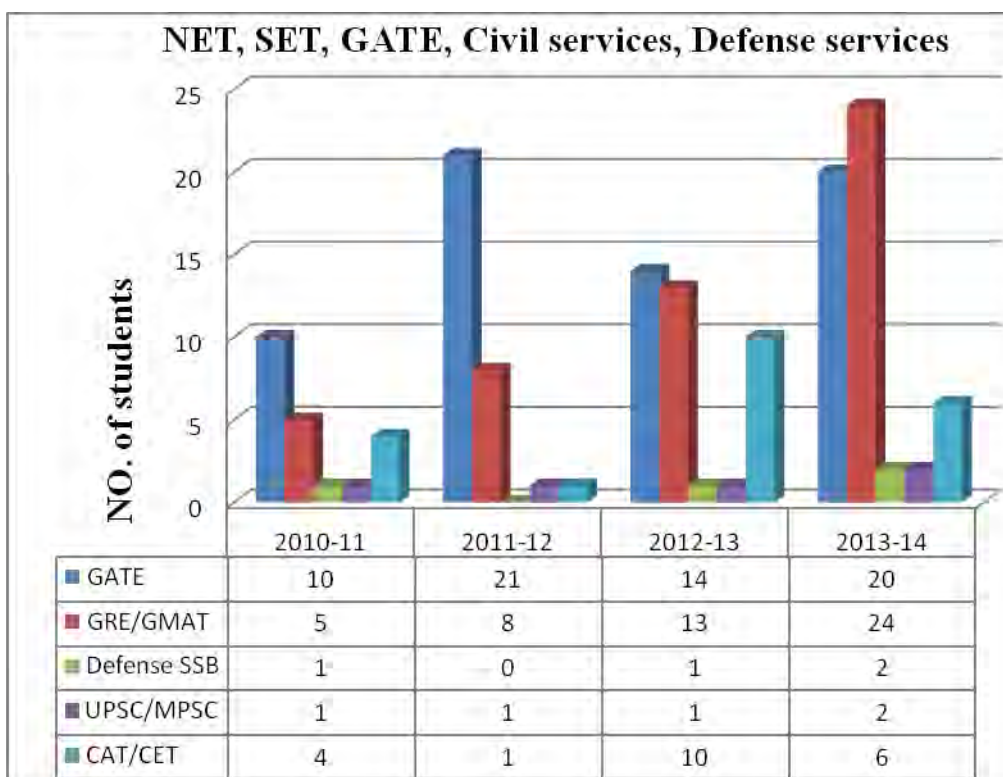




5. Student Profile Program

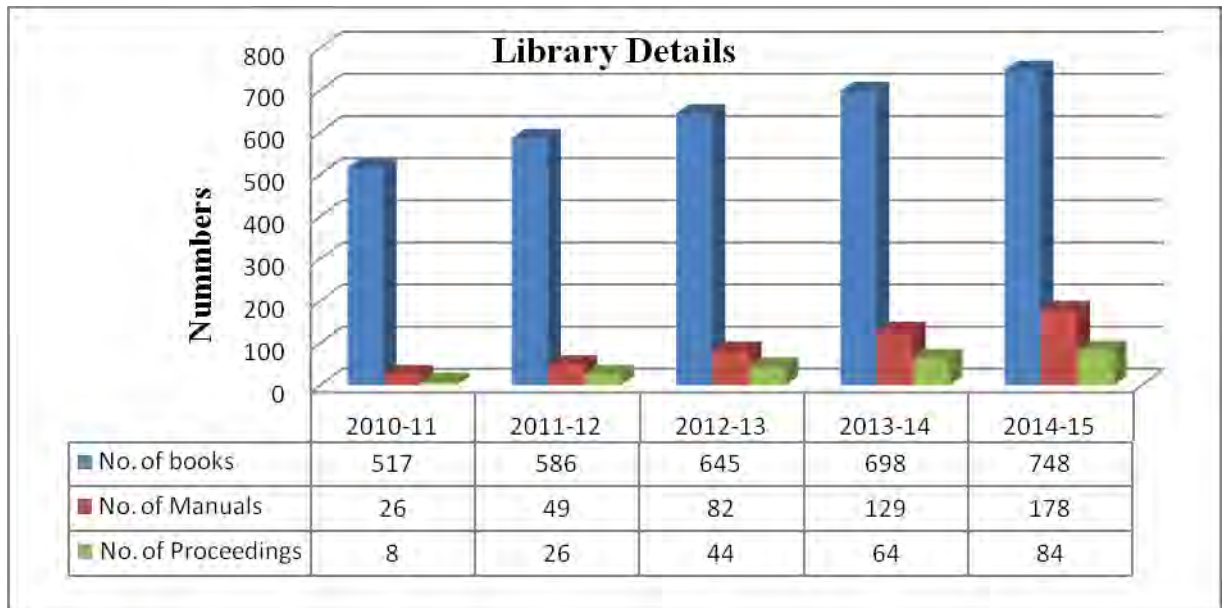


6. Students who have cleared national and state competitive examinations such as NET, SET, GATE, Civil services, Defense services, etc.

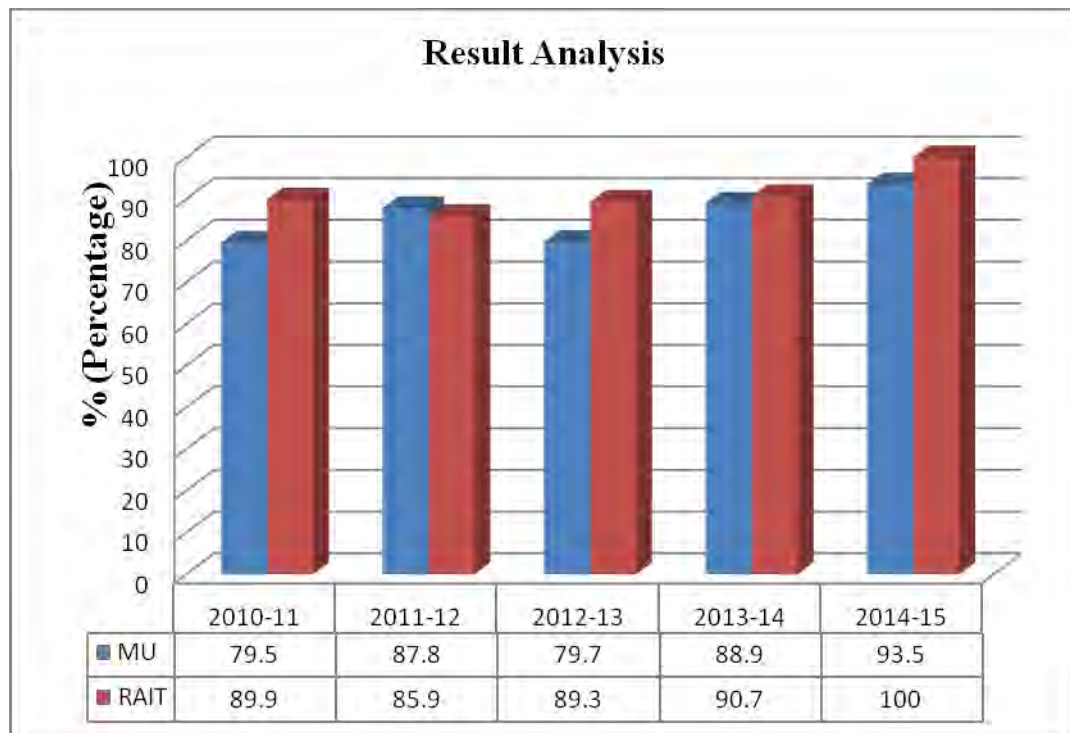




7. Library

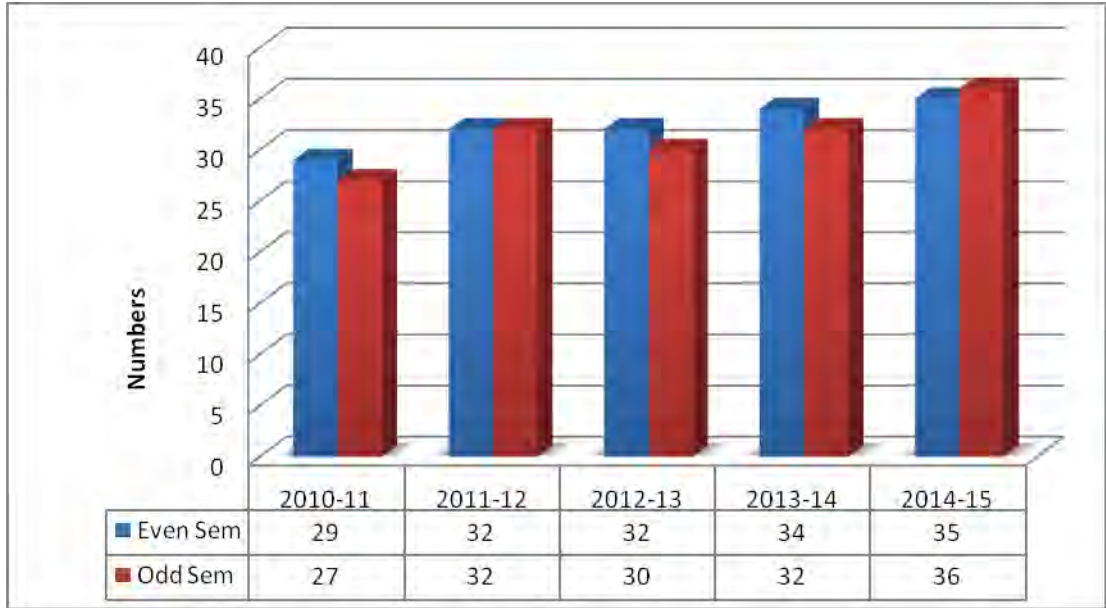


8. Result Analysis

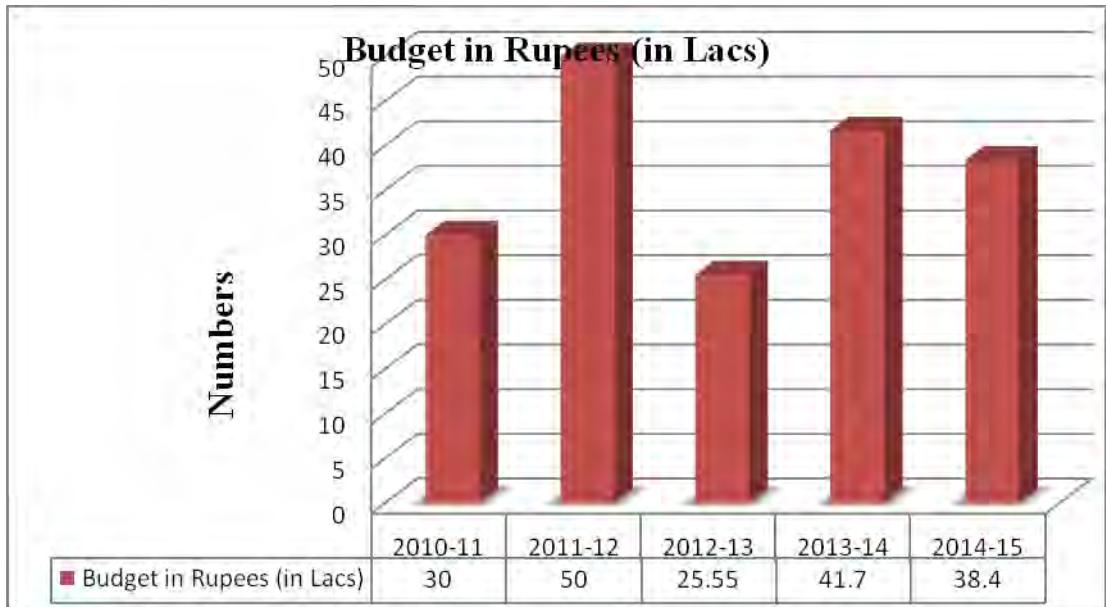




9. No. of Departmental Faculty Members

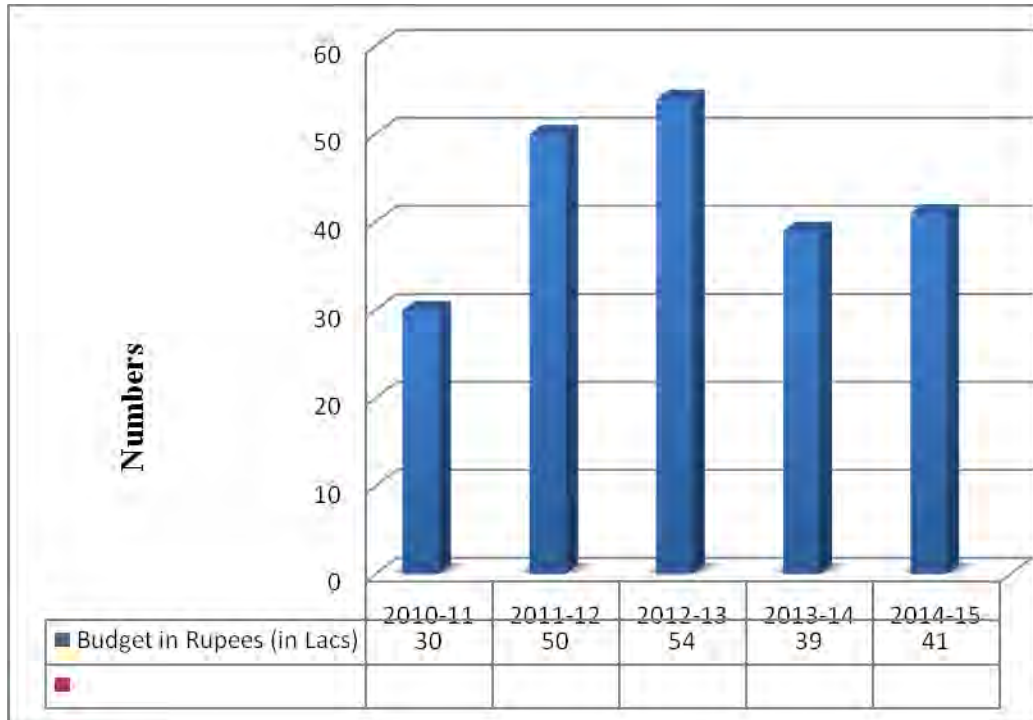


10. Budget





11.Placement



Photo's of different Activities in a Department

1. Brhmakumari Workshop 2013-2014





2. Workshop on Computational Intelligence 2014-2015



3. Web Technologies NPTEL Lecture 2015-2016



Electronics Engineering Department



D Y PATIL
— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY

NAVI MUMBAI



Evaluative Report of the Electronics Engineering Department

1. **Name of the department** : Electronics Engineering
2. **Year of Establishment** : 1983
3. **Names of Programme/ Courses offered:** B.E. Electronics Engineering, (UG, PG, M. Phil., Ph.D. Integrated Masters, Integrated Ph.D., etc.) M.E. Electronics Engineering, PhD. Electronics Engineering
4. **Names of Interdisciplinary courses and the departments / units Involved:**

Sr. No.	Name of Department	Subjects
1.	Computer Engineering	Object Oriented Programming & Methodology (OOPM)
2.	Engineering Sciences	Presentation and Communication Techniques
		Business Communication and Ethics
		Applied Mathematics III
3.	Information Technology	Object Oriented Programming & Methodology (OOPM)

5. **Annual/ semester/choice based credit system (Programme wise)**

Presently, it is semester-wise credit based grade system (CBGS) with effect from 2012-2013. Prior to this, it was semester based (revised) system.

Sr. No.	Programme of the Department	Credit System
1.	Bachelor of Engineering (Electronics Engineering)	<ul style="list-style-type: none"> • Semester-wise credit based grade system (CBGS) effect from 2012-2013 by University of Mumbai. • Annual based results are declared although Semester based Examination system in place as prescribed by University of Mumbai.
2.	Master of Engineering (Electronics Engineering)	<ul style="list-style-type: none"> • Semester wise credit based grade system (CBGS) effect from 2012-2013 by University of Mumbai.



3.	PhD	<ul style="list-style-type: none"> Annual based credit system
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6. Participation of the department in the courses offered by other Departments:

Department is actively involved in the conduction of interdisciplinary courses required for other departments. A list of such courses is given below:

Sr. No.	Name of Department	Subjects
1	Applied Science Department	Basics of Electronics and Electrical Engineering (BEE)
		Structural Programming Approach (SPA)
2	Computer Engineering	Electronics Component and Communication Fundamental (ECCF)
		Digital Logic Design and Analysis (DLDA)
		Electronics Devices and Linear Circuits (EDLC)
		Analog and Digital Communication (ADC)
3	Instrumentation Engineering	Discrete Structures (DS)
		Advance Microcontroller-II (AM-II)
		Communication System (CS)
		Electrical Technology and Instruments (ETI)
		Applied Linear Algebra
4	Information Technology	Introduction to Nonlinear Control Theory
		Microcontroller and Embedded Systems

7. Courses in collaboration with other universities, industries, foreign institutions etc.:

Courses in collaboration with other organizations (universities/industries) are as follows:

Sr. No.	Name of the University/Industry	Course
1	IIT Mumbai	Workshop, Training Programmes, Field Trials, Demonstrations.
2	Texas Instruments	Training Courses
3	BARC, Mumbai	Training Courses
4	TIFR – Indian Neutrino Observatory	Seminars and Technical discussions
5	Gauranga TechSoft	Seminars and Training Programmes
6	VJTI, Mumbai	Seminars and Workshops
7	IITs and IISc (through NPTEL)	e-Courses and Video Lectures



8. Details of courses/ programs discontinued (if any) with reasons:

NIL

9. Number of teaching posts:

Posts	Sanctioned	Filled
Professors	3 + 1 = 4	2
Associate Professors	9 + 2 = 11	Filled 35 seats for both assistant and associate professors.
Asst. Professors	22	

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Lit./Ph.D./M. Phil. etc.,) :

Sr. No.	Name of faculty	Qualifications	Designation	Specialization	No. of Years of Experience	M.E./ Ph.D guided
1	Dr. Vishwesh A. Vyawahare	M.E , Ph. D. (IIT Bombay)	Professor and Head of Department	Electrical and Electronics	10	13
2	Dr. M. M. Bhatia	M.Tech, PhD (IIT D)	Professor	Electronics and Electrical	36	26
3	Ms. S. J. Petkar	M.S, PhD (VJTI Pursuing)	Asst. Prof	Electronics	27	-
4	Ms. Poornima Talwai	M.S.	Asst. Prof	Electronics and Telecommunication	28	18
5	Mr. S. M. Labde	M.E.	Asst. Prof	Electronics	20	-
6	Ms. P. M. Dhotre	M.S.	Asst. Prof	Electronics	28	-
7	Ms. Trupti P. Agarkar	M.E.	Asst. Prof	Electronics	15	07
8	Ms. Smitha Raveendran	M.E.	Asst. Prof	Electronics	13	05
9	Ms. Shweta Ashtekar	M.E.	Asst. Prof	Electronics	12	07
10	Ms. Sushma P. Kodagali	M.E.	Asst. Prof	Electronics	11	02



11	Ms. Sujata D. Mendgudle	M.Tech., PhD (Pursuing)	Asst. Prof	Electronics	12	01
12	Ms. Vaishali S. Jadhav	M.E., PhD (Pursuing)	Asst. Prof	Electronics	14	-
13	Ms. Divya K. Shah	M.E.	Asst. Prof	Electronics	10	02
14	Ms. Prasad A. Pathak	M.E.	Asst. Prof	Electronics	12	01
15	Mr. Balu P. Bhusari	M.E.	Asst. Prof	Industrial Electronics	11	-
16	Ms. Kapila Moon	M.E.	Asst. Prof	Electronics	10	-
17	Ms. Hemalta G. Biradar	M.E.	Asst. Prof	Electronics	08	-
18	Ms. Dolly A. Kalav	M.E.	Asst. Prof	Electronics	05	-
19	Ms. Nilam Patil	M.E.	Asst. Prof	Electronics	07	-
20	Mr. Gajendrasingh Rajput	M.E.	Asst. Prof	Electronics	08	-
21	Ms. Archana Khodke	M.E.	Asst. Prof	Electronics and Telecommunication	10	-
22	Ms. Shilpa Achaliya	M.E.	Asst. Prof Asst. Prof	Electronics and Telecommunication	9	-
23	Mr. Sachin Umbarkar	PhD (Thesis submitted)	Asst Prof	Electronics and Telecommunication	1	-
24	Mr. Amol Yerudkar	M.Tech	Asst. Prof	Electronics	1	-
25	Ms. Lekha Ravindran	B.Tech	Lecturer	Electrical	27	-
26	Ms. C M Arackel	B.Tech	Lecturer	Electrical	27	-
27	Mr. Pankaj A. Saraf	B.E.	Lecturer	Industrial Electronics	14	-
28	Mr. Rohit Chaurasiya	M.E.	Lecturer	Electronics	3	-
29	Ms. Sakshi Somani	M.E.	Lecturer	Electronics	3	-
30	Ms. Sthuthi Joshua	M.E.	Lecturer	Electronics	2	-
31	Ms. Rupali	M.E.	Lecturer	Electronics	5	-



	Gulande			and Telecomm unication		
32	Ms. Ashwini Raorane	M.E.	Lecturer	Electronics	3	-
33	Ms. Khushboo Pichhode	M.E. (Pursuing)	Lecturer	Electronics	1	-
34	Mr. Navin Singhania	M.E. (Pursuing)	Lecturer	Electronics	1	-
35	Mr. Chaitanya Jage	M.E. (Pursuing)	Lecturer	Electronics	1	-
36	Ms. Prajakta Ghorpade	M.E. (Pursuing)	Lecturer	Electronics	1	-
37	Mr. Nilesh Shinde	M.E. (Pursuing)	Lecturer	Electronics	1	-

11. List of senior visiting / expert faculty:

Sr. No.	Name	Post	Organization
1	Prof Om Agarwal	Professor	Southern Illinois Univ, USA
2	Prof PSV Nataraj	Professor	Systems and Control Engineering, IIT Bombay
3	Prof. Naba Mondal	Professor	Dept of Physics, TIFR, Mumbai
4	Prof. Vivek Agarwal	Professor	Dept of Electrical Engg, IITB, Mumbai
5	Prof. Sharad Bhartiya	Professor	Dept of Chemical Engg, IITB, Mumbai
6	Prof. V. M. Gadre	Professor	Dept of Electrical Engg, IITB, Mumbai
7	Prof. N. M. Singh	Professor	VJTI, Mumbai
8	Prof. Faruk Kazi	Professor	VJTI, Mumbai
9	Prof Varsha Gejji	Professor	Dept of Maths, University of Pune
10	Prof M M Deshpande	Professor	Dept of IT, ACPCE, Mumbai
11	Prof. S. S. Mande	Professor	Dept of EXTC, DBIT, Mumbai
12	Prof. S. K. Ukrande	Professor	Dean, University of Mumbai
13	Mrs. Dhanshree Vyawahare	Scientist	NPCIL, Mumbai
14	Dr. N. Selvaganesan	Faculty & Scientist	IIST (ISRO), Thiruvananthapuram



15	Dr. Shantanu Das	Scientist	RCnD, BARC, Mumbai
16	Dr. Kiran Kolwankar	Professor	Dept of Physics, RJ College, Mumbai
17	Dr. B. Bandhopadhyay	Professor	Systems and Control Engineering, IIT Bombay
18	Mr. Gurpreet Gill	Senior Engineer	Texas Instrument
19	Prof. Vrunda Joshi	Dept of Electrical Engg	PVG's College of Engineering, Pune

12. Percentage of lectures delivered and practical classes handle (programme wise) by temporary faculty:

All lectures are handled by full time faculty.

13. Student-Teacher Ratio (Programme wise):

Programme	Student Teacher Ratio
UG	15:1
PG	6:1
Ph.D.	1:1

14. Number of academic support staff (technical) and administrative staff , Sanctioned and filled:

Name of the Post	Sanctioned	Filled
Technical Staff	4	4
Administrative Staff	2	2

15. Qualifications of teaching faculty with D.Sc / D.Litt / Ph.D / MPhil /PG:

Sr. No.	Qualification	Total
1	Ph.D.	02
2	PG (MTech/M.E.)	30
3	BE, ME (Pursuing)	05



16. Number of faculty with ongoing projects from National/International /other funding agencies and grants received:

a. National

Sr. No.	Name of Faculty	Title of project	Funding source	Year	Amount Sanctioned (Rs)
1	Ms. Divya Shah	Eye Controlled Wheel Chair	Ramrao Adik Education Society	2015-16	20,200/-
2	Ms. Divya Shah Mr. Rohit Chaurasiya	Virtual Digital Circuit Design Laboratory	Ramrao Adik Education Society	2015-16	40,200/-
3	Dr. Mukesh D. Patil Dr. Vishwesh Vyawahare Ms. Divya Shah Mr. Rohit Chaurasiya	FPGA Implementation of Fractional-Order Operators	Ramrao Adik Education Society	2015-16	10,000/-
4	Ms. Divya Shah Ms. Khushboo Pichhode Mr. Rohit Chaurasiya	Vedic Mathematics Sutra Implementation Using FPGA	Ramrao Adik Education Society	2015-16	15,000/-
5	Dr. Mukesh D. Patil Dr. Vishwesh Vyavhare Mr. Rohit Chaurasiya	Fractional Calculus Implementation Using Microcontroller	Ramrao Adik Education Society	2015-16	15,000/-
6	Dr. Mukesh D. Patil	Quadcopter	Ramrao Adik Education Society	2014-15	20,000 /-
7	Dr Mukesh D. Patil	Tree Climbing Robot	Ramrao Adik Education Society	2014-15	40,000/-
8	Ms. Divya Shah	Intelligent car parking system	Ramrao Adik Education Society	2014-15	15,000/-
9	Dr. M.D Patil	Autonomous	Ramrao Adik	2014-	25,000/-



		vehicle for optimum navigation	Education Society	15	
10	Dr Mukesh D. Patil	Biogas Car	Ramrao Adik Education Society	2013-14	2,00,000/-
11	Ms. Trupti Agarkar	Solar panel conditioning unit	Ramrao Adik Education Society	2013-14	40,000/-
12	Ms. Kausar Kothawale	Accelerometer based wheelchair	Ramrao Adik Education Society	2013-14	20,000/-
13	Ms. Amruta Chintawar	Microcontroller based PCB milling machine	Ramrao Adik Education Society	2012-13	33,000/-
14	Dr. Mukesh D. Patil	Staircase climbing fire fighting robot	Ramrao Adik Education Society	2012-13	25,000/-
15	Mr. Prasad Pathak	Universal wireless automatic meter reading system	Ramrao Adik Education Society	2012-13	22,000/-

b. International : NIL.

17. Departmental projects funded by AICTE, DST- FIST, UGC, DBT, ICSSR, University etc. and total grants received:

Sr. No.	Name of the Faculty	Details of Project work	Funding Agency	Year (Duration)	Amount Sanctioned
1	Ms. Divya Shah Dr. Vishwesh A. Vyawahare Mr. Rohit Chaurasiya	Fractional order Controller Implementation using FPGA	University of Mumbai	2015-16 (Submitted for Approval)	69,000/-
2	Dr. Vishwesh A. Vyawahare Dr M.D Patil	Embedded GPU	IIT Mumbai	2015-16	55,000/- (02 Jetson Boards)



3	Ms. Divya Shah Mr. Rohit Chaurasiya	Intelligent Car parking System	IIT Mumbai	2014-15	3,00,000/- (10 Krypton Boards)
4	Dr M.D Patil Ms. Shweta Ashtekar Ms. Amruta Chintawar	Random Maze Solver	IIT Mumbai	2014-15	1,20,000/- (5 Robots)
5	Dr Vishwesh Vyawahare	LabVIEW based MPC for laboratory base setup	University Of Mumbai	2014-15	35,000/-
6	Dr Vishwesh A Vyawahare Dr. Mukesh D. Patil	Analysis of complex order system	AICTE	2014 (Submitted for Approval)	2,50,000/-
7	Dr. Vishwesh A Vyawahare Dr. Mukesh D. Patil	Power Electronics Control for railway locomotive	Department of Indian Railways through Gauranga Tech.	2014	1,00,000/-

18. Research Centre / facility recognized by the University

Department has been recognized as Research centre by Mumbai University

- Department is equipped with hardware as well as software Laboratories along with internet connection.
- Software tools available: MATLAB, QualNet, Xilinx ISE, LABVIEW, Proteus, Microwind.
- Hardware facilities available: Higher end FPGA and CPLD Boards; Virtex-5, Spartan-6, Spartan-3, Arudino, ARM, various microcontroller and microprocessor boards, DSP Boards, Digital Storage Oscilloscope, Spectrum analyzer.
- Departmental library has more than 1000 books.
- List of Ph.D. Guides (Supervisor's) in Electronics Department



Sr. No.	Name of Guide
1	Dr Ramesh Vasappanavara
2	Dr Mukesh Patil
3	Dr. Manmohan Singh Bhatia
4	Dr. U. V. Bhosle
5	Dr. Kushal Tuckley
6	Dr. U. D. Kolekar
7	Dr. B. K. Lande

19. Publications of Faculty:

a. Number of papers published in peer reviewed journals (national / International) by faculty and students-

Total- Conferences: 162, Journals: 69

Sr. No.	Name of Faculty	Journal		Conference		Total
		National	International	National	International	
1	Dr. Vishwesh A Vyawahare	1	6	3	33	43
2	Dr M M Bhatia		48	24	13	85
3	Mr. S M Labde			2		2
4	Ms. Trupti Agarkar		1	2	9	12
5	Ms. Smitha Raveendran		1	3	1	5
6	Ms. Shweta Ashtekar			2	6	8
7	Ms. Sushma Kodagali			3		3
8	Ms. Divya Shah		1		3	4
9	Mr. Prasad Pathak				1	1
10	Ms. Sujata Mendgudle		2			2
11	Ms. Vaishali Jadhav				1	1
12	Mr. Balu Busari			2	1	3
13	Ms. Kapila Moon		1		2	3
14	Ms. Dolly kalav			1		1



15	Ms. Poornima Talwai		1	5	10	16
16	Mr. Amol Yerudkar				3	3
17	Ms. Nilam Patil				1	1
18	Mr. Sachin Umbarkar		5	1	12	18
19	Ms. Kausar Kothawale			2	1	3
20	Ms. Amruta Chintawar		1	4	4	9
21	Ms. Ashwini Raorane		1		2	3
22	Mr. Chaurasiya Rohit			1	2	3
23	Ms. S. J. Petkar				2	2

No. of Citation Indices: 23

h-index: 3

- b. Number of publications listed in International Database (For e.g: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc):**

Total no. of Publications: 122

Sr. No.	Name of Faculty	Publications
1	Dr. Vishwesh A Vyawahare	28
2	Dr. M S Bhatia	48
3	Ms. Trupti Agarkar	3
4	Ms. Smitha Raveendran	2
5	Ms. Shweta Ashtekar	3
6	Ms. Divya Shah	3
7	Ms. Sujata Mendgudle	1
8	Mr. Balu Busari	1
9	Ms. Kapila Moon	1
10	Mr. Amol Yerudkar	1
11	Mr. Sachin Umbarkar	12
12	Ms. Kausar Kothawale	1
13	Ms. Amruta Chintawar	3
14	Ms. Ashwini Raorane	3
15	Mr. Chaurasiya Rohit B.	2
16	Ms. Poornima Talwai	8
17	Ms. S. J. Petkar	2



c. Books Written/Edited:

Sr. No .	Name of faculty	Chapter Name	Book Name	Publisher	ISBN/IS SN Number	Year
1	Dr. Vishwesh A Vyawahare	Development and Analysis of Fractional-order Nordheim-Fuchs Model for Nuclear Reactor	Fractional Calculus: Theory and Applications.	Narosa Publishing, India.	978-81-8487-333-7	2014
2	Dr. Vishwesh A. Vyawahare	Introduction to Linear Fractional-order Systems	Fractional Calculus: Theory and Applications.	Narosa Publishing, India.	978-81-8487-333-7	2014
3	Dr. Vishwesh A. Vyawahare	Analysis of Model Predictive Control for Fractional-order System.	Simulation and Modeling Methodologies, Technologies and Applications, Advances in Intelligent Systems and Computing"	Publisher: Springer-Verlag,		Expected to be published in the second half of 2015.
4	Dr. Vishwesh A. Vyawahare	Analysis of Fractional-order Point Reactor Kinetics Model with Adiabatic Temperature Feedback for Nuclear Reactor with	Simulation and Modeling Methodologies, Technologies and Applications, Advances in Intelligent Systems and	Publisher: Springer-Verlag,		Expected to be published in the second half of 2015.



		Subdiffusive Neutron Transport.	Computing"			
5	Ms. Trupti P. Agarakar		Computer Architecture and Organization	C. Jamanadas & Co.	-	2014-15
6	Ms. Sushma Kodagali		Advanced VLSI Design	C. Jamanadas & Co.	-	2014-15
7	Ms. Shweta Ashtekar		Microprocessors and peripherals, Electronics & Telecommunication S.E. Sem IV	C. Jamnadas & Co.	-	2013-14
8	Ms. Shweta Ashtekar		Microprocessors and peripherals, Electronica, Sem IV	C. Jamnadas & Co.	-	2014-15

20. Areas of consultancy and income generated:

Sr. No.	Name of faculty	Year	Name of Institute /Company	Nature of consultancy work	Income Generated (in Rs.)
1	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	Jan 2015 onwards	Gauranga TechSoft	Design of controllers for 180 KVA auxiliary power supply system for railway locomotives.	1,00,000/-
2	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	Jan 2015 onwards	Gauranga TechSoft	(E-Pathshala): Development of e-learning modules for the mathematical	1,00,000/-



				subjects.	
3	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	2013-14	DY Patil Pimpri, Pune	Three days workshop on Advanced Control System to the faculty and students of PG	20,000/-
4	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	6,7,8 March 2014	Instrumentation department, RAIT	Three days workshop on MATLAB to the faculty and students of PG	10,000/-
5	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	August 2014 onwards	RAES	Control of Biogas system	50,000/-
6	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	2013-14	SGGS IE &T, Nanded	Three days training to the faculty, students and research scholars on "Fractional order control".	20,000/-
7	Dr. Vishwesh A Vyawahare Dr. M. D. Patil	July 2015	University of Mumbai	Conduction of FDP on Power Electronics with MATLAB.	50,000/-
8	Dr. M. D. Patil Mr. Balu Busari	2010-11	D Y Patil Stadium	Maintanance of LED Display Screen	20,000/-

**21. Faculty as members in
a. National committees/Boards**

Sr. No.	Name of Faculty	National Committee	Designation
1	Dr. M. D. Patil	Member of various LIC and Interview committee, Mumbai University.	Member
		Chairman of various subjects, Mumbai University.	Chairman
		Indian Society for Technical Education (ISTE)	Member
2	Dr. V.A. Vyawahare	Chairman of various subjects, Mumbai University.	Chairman
3	Ms. Poornima Talwai	Indian Society for Technical Education (ISTE)	Member



		Chairman of various subjects, Mumbai University.	Chairman
4	Ms. S.J. Petkar	Indian Society for Technical Education (ISTE)	Member
		Chairman of various subjects, Mumbai University.	Chairman
5	Ms. Trupti Agarkar	Chairman of various subjects, Mumbai University.	Chairman
		Indian Society for Technical Education (ISTE)	Member
6	Ms. Smitha Raveendran	Indian Society for Technical Education (ISTE)	Member
		Chairman of various subjects, Mumbai University.	Chairman
7	Ms. Shweta Ashtekar	Indian Society for Technical Education (ISTE)	Member
8	Ms. Lekha Raveendran	Indian Society for Technical Education (ISTE)	Member
9	Ms. Clara Aracal	Indian Society for Technical Education (ISTE)	Member
		Chairman of various subjects, Mumbai University.	Member
10	Ms. Kapila Moon	Indian Society for Technical Education (ISTE)	Member
11	Mr. S. M. Labde	Indian Society for Technical Education (ISTE)	Member
		Chairman of various subjects, Mumbai University.	Chairman
12	Ms. Sthuthi Joshua	Indian Society for Technical Education (ISTE)	Member
13	Ms. Vaishali Jadhav	Indian Society for Technical Education (ISTE)	Member
14	Ms. P. M. Dhotre	Indian Society for Technical Education (ISTE)	Member
		Institute of Electronics and Telecommunication Engineers (IETE)	Member



b. International committees/conferences/Boards :

Sr No.	Name of Faculty	International Committee	Designation
1	Dr. V. A. Vyawahare	Institute of Electrical and Electronics Engineering (IEEE) and reviewer for Elsevier journals.	Member
2	Dr. M. D. Patil	Institute of Electrical and Electronics Engineering(IEEE)	Member
3	Mr. Sachin Umbarkar	IEEE transaction , Plasma Science Journal	Reviewer
		Institute of Electrical and Electronics Engineering (IEEE)	Member

c. Editorial Boards/Reviewer:

Sr. No.		International /National Committee/Conferences	Designation
1	Dr. Vishwesh Vyawahare	Nuclear Science and Techniques, Elsevier.	Reviewer
		Ain Shams Engineering Journal, Elsevier.	
		International Journal of Dynamical Systems and Differential Equations (IJDSDE), Inderscience	
		Journal of Engineering Science & Technology, Taylor's University, Malaysia.	
		Nonlinear Dynamics, Springer.	
		ISA Transactions, Elsevier.	
2	Dr. Vishwesh Vyawahare	Indian Control Conference IIT, Hyderabad, India	
		IEEE International Conference on Energy systems and Applications,	



		Pune	Technical Program Committee Member and Reviewer
		International Conference on Advanced Research in Material Sciences, Manufacturing, Mechanical and Mechatronics Engg. Technology, Indonesia	
		Advancement on Mechanical and Manufacturing Engg. Technology, Indonesia	
		IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems, Kerala	
		International Conference on Industrial Instrumentation and Control, India	
		International Conference on Technologies for sustainable development, India	
		First Indian Control Conference 2015, IIT, Madras, India	
		Symposium on Advancements in Instrumentation and Control, BARC, India	
		22 nd Mediterranean Conference on Control and Automation, University of Palermo, Italy	
		European Control Conference 2013, Zurich, Switzerland	
3	Ms. Poornima Talwai	International Conference ICAC3, 2011 held at Fr Agnel College Bandra	Technical Program Committee Member and Reviewer
		International Conference ICAC3, 2013 held at Fr Agnel College Bandra	
		International Conference RACEM, 2014 held at Vidyalkar college of Engineering	



		National Conf. on Emerging Trends in Computers, Communication and Info. Tech. held at K J Somaiya College of Engineering	
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22. Student Projects:

- a. Percentage of students who have done in-house projects including inter-departmental/programme:
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:

Year	Name of the Course	Percentage of students who have done in-house projects including Interdepartmental/ programme	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies
2010-11	UG	17	83
	PG	100	0
2011-12	UG	50	50
	PG	100	0
2012-13	UG	55	45
	PG	100	0
2013-14	UG	100	0
	PG	100	0
2014-15	UG	100	0
	PG	100	0



23. Awards / Recognitions received by Faculty/students:

a. Awards / Recognitions received by Faculty:

Sr. No.	Name	Award	Organization/ Conference	Year
1	Dr. Vishwesh A.Vyawahare	Best Paper Award _Chyusalis‘	National level Paper Presentation COEP	2003
		Best Paper and Poster	FDA China	2012
		Excellence in R& D Award	RAIT	2014
		Excellence in R& D Award	RAIT	2015
2	Dr. Mukesh D. Patil	Gold Medal in B.E. (Instrumentation)	NMU, Jalgaon	1994
		5 star Performer	RAIT	2012
		University level winner in Avishkar	Mumbai University	2012
		Best Poster Award,	FDA, China	2012
		Excellence in Research and Paper Presentation award by R&D, Ist Postion	RAIT	2012
		Excellence in Research and Paper Presentation award by R&D, Ist Postion	RAIT	2013
		Pillar of Strength	RAIT	2014
		Excellence in Research and Paper Presentation award by R&D, Ist Postion	RAIT	2014
		Excellence in R& D Award	RAIT	2015
		Pillar of Strength	RAIT	2015
3	Ms. Poornima Talwai	Life time Achievement award –completing 20+ years in RAIT	RAES	2009
		Excellence award for heading the exam cell as COE	RAIT	2013
		Excellence in Research and Paper Presentation award by R&D	RAIT	2013
		Excellence in R& D Award	RAIT	2015



4	Ms. Sharmila Petkar	Best Poster	VJTI	2013
		Life time Achievement award –completing 20+ years in RAIT	RAES	2009
		Gold Medal in B.E.	GOEK, Karad	1988
5	Mr. Sachin Umbarkar	First Rank Holder –“opper Award”	VJTI	2011
		–Student Travel Grant Award” For Best paper, PPPS-2013	California, USA	2013
6	Ms. Trupti Agarkar	Excellence in R&D	RAIT	2011
		Excellence in R&D	RAIT	2012
		Excellence in R&D	RAIT	2013
		Excellence in R&D	RAIT	2014
		Star Performance Award	RAIT	2012
		Young Researcher’s Award	IETE Cynosure	2013
		Favorite Teacher Award	RAIT	2013
7	Ms. Smitha Raveendran	Favorite Teacher Award	RAIT	2014
		Excellence in R&D	RAIT	2013
		Excellence in R& D	RAIT	2014
8	Ms. Shweta Ashtekar	Excellence in R&D	RAIT	2011
		Excellence in R&D	RAIT	2012
		Favorite Teacher Award	RAIT	2012
		Excellence in R&D	RAIT	2013
		Eyantra Robotics Teachers competition 1 st Prize for 2 level	IIT Eyantra Mumbai	2013
		Excellence in R&D	RAIT	2014
		Excellence in R& D	RAIT	2015
9	Ms. Amruta Chintawar	Best Paper ICSTACE	PUNE	2015
		Eyantra Robotics Teachers competition 1 st Prize for 2 level	IIT Eyantra Mumbai	2013
		Excellence in R& D	RAIT	2015
10	Mr. Prasad Pathak	Best Paper & Poster	Fractional Differentiation and and its Application 2012	2012
11	Ms. Sushma Kodagali	Excellence in R&D	RAIT	2014
12	Ms. Kausar M. Fakir	Excellence in R&D	RAIT	2014
13	Ms. Divya Shah	Excellence in R&D	RAIT	2012
		Excellence in R&D	RAIT	2013
		Excellence in R& D	RAIT	2014
		R&D Award At IIT Competition	IIT	2014



		Favorite Teacher Award	RAIT	2015
		Excellence in R&D	RAIT	2015
14	Mr. Rohit B. Chaurasiya	R&D Award At IIT Competition	RAIT	2014
			IIT	2014
		Excellence in R&D	RAIT	2015
15	Ms. Sujata Mendgudle	Excellence in R&D	RAIT	2015
16	Ms. Vaishali Jadhav	Excellence in R&D	RAIT	2015
17	Mr. Balu Bhusari	Excellence in R&D	RAIT	2015
18	Ms. Ashwini Raorane	Excellence in R&D	RAIT	2015

b. Awards / Recognitions received by Student:

i. Academic achievements:

Sr. No.	Name	Award	Year
1	Sweta Shivaramakrishnan	Mumbai University rank 1. RAIT Rank 1, Final Year	2015
2	Shashwat Goyal	RAIT Rank 2, Final Year	2015
3	Pooja S Patil	RAIT Rank 3, Final Year	2015
4	Rathod Megnath M	RAIT Rank 1, Third Year	2015
5	Kene Tushar N.	RAIT Rank 2, Third Year	2015
6	Bebal Shagufta A.	RAIT Rank 3, Third Year	2015
7	Abhishek D. Nautiyal	RAIT Rank 1, Second Year	2015
8	Bhattacharya Animesh	RAIT Rank 2, Second Year	2015
9	Patil Ashwini T	RAIT Rank 3, Second Year	2015
10	Deepali Ausekar	RAIT Rank1, M.E.	2015
11	Parekh Mansi Ajay	RAIT Rank 1, Final Year	2014
12	Mudrale Rasika Rajendra	RAIT Rank 2, Final Year	2014
13	Bawne Rutuja	RAIT Rank 3, Final Year	2014



	Nandkishor		
14	Sweta Shivaramkrishnan	RAIT Rank 1, Third Year	2014
15	Shashwat Goyal	RAIT Rank 2, Third Year	2014
16	Pooja Ravindra Patil	RAIT Rank 3, Third Year	2014
17	Rathod Meghnath Manohar	RAIT Rank 1, Second Year	2014
18	Gupta Ruchita Rupak	RAIT Rank 2, Second Year	2014
19	Bebal Shagufta Abdul	RAIT Rank 3, Second Year	2014
20	Shingne Rohan Anil	RAIT Rank1, M.E.	2014
21	Patil Ashwini Tukaram	RAIT Rank 1, Second Year	2014
22	Bhattacharya Animesh Dipankar	RAIT Rank 2, Second Year	2014
23	Konde Aditya Krishna	RAIT Rank 3, Second Year	2014
24	Bandopadhyay Ayantika	RAIT Rank 1, Final Year	2013
25	Parkar Saif	RAIT Rank 2, Final Year	2013
26	Pandhare Rahul	RAIT Rank 3, Final Year	2013
27	Parekh Mansi	RAIT Rank 1, Third Year	2013
28	Mudrale Rasika	RAIT Rank 2, Third Year	2013
29	Dukare Darshana	RAIT Rank 3, Third Year	2013
30	Goyal Shashwat	RAIT Rank 1, Second Year	2013
31	Shirvaramkrishnan Sweta	RAIT Rank 2, Second Year	2013
32	Mane Vijayalakshmi	RAIT Rank 3, Second Year	2013
33	Sonawane Pushpanjali	RAIT Rank1, M.E.	2013
34	Jain Aditya	RAIT Rank 1, First Year	2013



35	Rathod Meghanath	RAIT Rank 2, First Year	2013
36	Gupta Ruchita	RAIT Rank 3, First Year	2013

ii. Cultural Achievements :

Sr. No.	Student Name	Cultural Activity	Award	Year
1	Shweta Shivramkrishmnan	Classical Singing	Participated in MU youth Festival	2010
		Singing	Won prize in inter-college Radio Mirchi(FM) event.	2010
		Ramayan Recitation	Won 1 st prize in District level competition	2011
		Group Dance event	Secured a place in Guinness World Records for largest Kathakalli dance	2013
2	Vinay kadam	Marathi One Act Play (Shukradukh)	Secured 4 th position in 'Sakal' karandak, 3 rd position in VJTI(intercollege completion)	2010
		Marathi Skit -- Vastusthiti	Secured 2nd position in VJTI(intercollege completion), Pushpalata Karandak National level 2 nd position.	2011
3	Kshitij Mishra, SoniyaKadam,umamohite, (footloose group)	Group Dance Competition	Secured 1st Prize in RAIT, 1st in KJ Somaiyya College vidyavihar, 1 st in D.Y.Patil Dental college, 1 st in D.Y.Patil LAW college, 1 st in Parshwanath C.O.E, 3 rd in S.I.E.S College, nerul(Intercollege Competiton)	2012
4	SayaliZurale,NikhilKhade, Aniketkadam, PrajaktaTambePrajakt	Hindi skit—ULTA-PULTA	4 th in MU Youth festival.	2013



	Dongre,praffulGurav(K alarag group)			
5	Kshitij Mishra, SoniyaKadam,AniketS hinde,Aniket salve, (footloose group)	Group Dance Competition	Secured 1st Prize in RAIT, 1 st in Atharve College ,1 st in ThadomalSahni C.O.E , 3 rd in S.N.D.T College , 2 nd in K.J SomaiyyaVidyavihar, 2 nd in Grant Medical college (Intercollege Competiton)	2014
6	Juhi Koshe	Rangoli Competition(University Level)	1 st in zunzunwala college	2014

iii. Sport Achievements

Sr. No.	Student Name	Sports Activity	Award	Year
1	Tejas Shetty, Kuldip Dulay, Sujan Reddy, Rishikesh	Foot-Ball Tournaments	Secured Runners up in BITS PILANI	SEP 2013
			Winners of STERLING College ,Seawoods	FEB 2014
			Winners K.J Somaiya, Vidyavihar	FEB 2014
			Winners BVCOE ,Kharghar	FEB 2014
			Winners TSEC,BANDRA	March 2014
			Winners VJTI ,Matunga	JAN 2014
			Winners Olympia DY Patil	FEB 2014
			Winners Datta Meghe COE	FEB 2014
			Winners ICT Matunga	March 2014
2	Shubham Pandy,Gaurav	Cricket Tournament	Semi Finalist in MIT College Olympia 2013	SEP 2014



	Jha			
3	Supriya Jantre	Carron Competition	Secured 2 nd prize in Mix Doubles in Stamina RAIT	2014
4	Vibhendra Singh	Carron	Secured 1 st rank in RGIT Secured 1 st rank in Mix doubles at st. Xavier's	2013
		Box Cricket	Secured 1 st place at st. xaviers	
		Football	Secured 1 st place at st. xaviers	
5	Bhakti Jadhav	Carom	Secured 2 nd rank in mix doubles DY Patil Olampia	2014
			Secured 1 st rank in doubles DY Patil Olampia	2014
			Winners of STERLING College ,Seawoods	FEB 2014
			Winners K.J Somaiya, Vidyavihar	FEB 2014
			Winners BVCOE ,Kharghar	FEB 2014
			Winners TSEC, BANDRA	March 2014
			Winners VJTI ,Matunga	JAN 2014
			Winners K.J Somaiya College, SION	FEB 2015
			Winners Datta Meghe COE	FEB 2014
			Winners ICT Matunga	March 2014
			Secured 1 st rank in doubles DY Patil Olampia	2014
6	Shubham Pandy, Gaurav Jha, Kedar Nandevdkar, Gaurav Kavhar, Nikhil Shetty	Cricket Tournament	MIT pune, participation Winners	JAN 2015
			VJTI Enthusia Semi Finalist in RGIT	APRIL 2015



24. List of eminent academicians and scientists/visitors to the department:

Sr. No.	Name of Academician	Date	Organization	Purpose of visit
1	Prof. Sharad Bhartiya	5 th April 2014	IITB	NSCFET
2	Prof. PSV Nataraj	6 th April 2014	IITB	NSCFET
3	Mr. Anand V.	6 th April 2014	Tata Motors	NSCFET
4	Prof. V. A. Agarwal	6 th April 2014	IITB, Mumbai	NSCFET
5	Mrs. Dhanshree Vyawahare	5 th April 2014	NPCL, Mumbai	NSCFET
6	Dr. S. K. Ukarande	5 th April 2014	Dean, University of Mumbai	NSCFET
7	Dr. M. M. Deshpande	4 th April 2014	ACPCE, Mumbai	NSCFET
8	Dr. S.S. Mande	6 th April 2014	DBIT, Mumbai	NSCFET
9	Dr. Shantanu Das	9-11 March 2012	Scientist, BARC, Mumbai	National Workshop on –Application of Fractional Calculus”
10	Dr. Kiran Kolwankar	9-11 March 2012	Dept. of Physics, R. J. College, Mumbai	National Workshop on –Application of Fractional Calculus”
11	Dr. Varsha Gejji	9-11 March 2012	Dept. of Maths, University of Pune	National Workshop on –Application of Fractional Calculus”
12	Prof. Faruk Kazi	9-11 March 2012	Dept. of EE, VJTI, Mumbai	National Workshop on –Application of Fractional Calculus”
13	Prof. Om Agarwal	9-11 March 2012	Southern Illinois University, USA	National Workshop on –Application of Fractional Calculus”
14	Mr. Gurpreet Gill	2013-14	Texas Instruments	Workshop on Embedded System design on MSP 430



25. Seminars/Conferences/Workshops organized & the source of funding:

a. Name & details of Seminar conducted by the department:

Sr. No.	Name of seminar	Name of Expert	Source of Funding	Amount	Duration	Year
1	Visual TCAD Software Demo	Mr. Rakesh	R&D funds from Principal RAIT	10,000/-	1 Day	2015-16
2	Scientific Report Writing using Latex for ME-Electronics	Mr. Rohit Chaurasiya	R&D funds from Principal RAIT	5,000/-	1 Day	2015-16
3	Scientific Report Writing using Latex for EXTC	Mr. Rohit Chaurasiya	R&D funds from Principal RAIT	5,000/-	1 Day	2015-16
4	INO: India based Neutrino Observatory	Prof. Naba Mondal	R&D funds from Principal RAIT	10,000/-	1 Day	2014-15
5	Scientific Report Writing using Latex	Mr. Rohit Chaurasiya	R&D funds from Principal RAIT	5,000/-	1Day	2014-15
6	Embedded GPU System	Mr. Viraj Padte	R&D funds from Principal RAIT	10,000/-	1 day	2014-15
7	Internet on Things	Mr. Ankur S	R&D funds from Principal RAIT	10,000/-	1 Day	2014-15
8	COMSOL Multyphysics	Mr. Ajay S. S.	R&D funds from Principal RAIT	10,000/-	1 Day	2014-15
9	Scientific Report Writing using Latex for BE students	Mrs Trupti Agarkar	R&D funds from Principal RAIT	5,000/-	1 DAY	2014-15
10	Embedded Systems Fundamentals	Mr. Jagdish Bisawa	IEEE-RAIT	10,000/-	1 DAY	2014-15
11	Scientific Report Writing using	Mr Rohit Chaurasiya	R&D funds from	5,000/-	1 DAY	2013-



	Latex		Principal RAIT			14
12	Scientific Report Writing using Latex	Mrs Divya Shah	R&D funds from Principal RAIT	5,000/-	1 Day	2012-13
13	Scientific Report Writing using Latex	Mrs Divya Shah	R&D funds from Principal RAIT	5,000/-	1 Day	2011-12
14	Scientific Report Writing using Latex	Mr. M. D. Patil	R&D funds from Principal RAIT	5,000/-	1 Day	2010-11

b. Name & details of workshop conducted by the department:

Sr. No.	Name of Workshop	Organizing Agency / Expert/ Speaker	Source of Funding	Amount in Rupees	Duration	Year
1	Teaching Power Electronics using MATLAB/Simulink	RAIT Navi Mumbai	President RAES	60,000/-	2 Days	2015-16
2	Digital Circuits Implementation using CPLD and FPGA	RAIT Navi Mumbai	President RAES	15,000/-	2 Days	2015-16
3	Hands-on Training on Ardiuno and Aurum Microcontroller	RAIT Navi Mumbai	President RAES	15,000/-	2 Days	2015-16
4	Basics of Robotics and L1 Workshop	RAIT Navi Mumbai	IEEE	10,000/-	2 Days	2015-16
5	Scientific Report Writing using Latex for ME-Electronics	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2015-16
6	Scientific Report Writing using Latex for ME-EXTC	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2015-16
7	Advance Training on Arudino Microcontroller,	RAIT Navi Mumbai	IEEE	15,000/-	2 Days	2015-16
8	Modern Digital Design with Krypton	RAIT Navi Mumbai	President RAES	10,000/-	2 Days	2014-15



9	Scientific Report Writing using Latex	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2014-15
10	National Student Conference on Frontiers in Engineering and Technology	RAIT Navi Mumbai	President RAES	1,00,000/-	3 Days	2013-14
11	Embedded system Design on MSP 430 in collaboration with Texas Instruments	RAIT Navi Mumbai	President RAES	25,000/-	3 Days	2013-14
12	Robotics Workshop	RAIT Navi Mumbai	President RAES	5,000/-	2 Days	2013-14
13	Scientific Report Writing using Latex	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2013-14
14	Simulation and control of Magnetic Levitation System	RAIT Navi Mumbai	President RAES	15,000/-	2 Days	2012-13
15	Workshop and Field Trials on Remote Triggered DC Motor Control	RAIT Navi Mumbai	President RAES	15,000/-	1 Day	2012-13
16	Scientific Report Writing using Latex	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2012-13
17	National workshop on –Application of Fractional Calculus.	RAIT Navi Mumbai	President RAES	2,00,000/-	3 Days	2011-12
18	Scientific Report Writing using Latex	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2011-12
19	One day workshop on –Scientific Report Writing”	RAIT Navi Mumbai	President RAES	5,000/-	1 Day	2010-11



- c. **Details of workshops/ training programmes /sensitization programmes conducted/organized by department. Please give details of eminent researchers attended:**

Sr. No.	Title of the Workshop/Training program	Year	Number of Participants	Distinguished Speakers/Experts
1	Visual TCAD Software Demo	2015	25	Mr. Rakesh
2	Fighting Malaria and Dengue	2015	47	Team from Dr DY Patil Hospital
3	Scientific Report Writing using Latex for ME-Students	2015	28	Mr. Rohit Chaurasiya
4	Scientific Report Writing using Latex for EXTC	2015	20	Mr. Rohit Chaurasiya
5	INO: India based Neutrino Observatory	2015	70	Prof. Naba Mondal
6	Embedded GPU System	2015	40	Mr. Viraj padte
7	Internet on Things	2015	90	Mr. Ankur S
8	COMSOL Multyphysics	2015	35	Mr. Ajay S. S.
9	Teaching Power Electronics using MATLAB/Simulink	2015	52	Dr.M.D. Patil Dr. V. Vyavahare Dr. Vivek Agarwal Mrs. Dhanshree Vyavahare
10	Digital Circuits Implementation using CPLD and FPGA	2015	35	Prof. Divya Shah Prof. Smitha Ravindran Prof. Sushma Kodagalli Mr. Rohit Chaurasiya
11	Ardiuno and Aurum	2015	50	Prof. Prasad Pathak Prof. Sweta Ashtekar Prof. Trupti Agarkar
12	Robotics(IEEE)	2015		IEEE
13	Embedded Systems Fundamentals	2015	80	Mr. Jagdish Bisawa
14	Scientific Report Writing using Latex for BE students	2014	100	Mrs. Trupti Agarkar
15	Scientific Report Writing using Latex for ME students	2014	14	Mr. Rohit Chaurasiya
16	Modern Digital Design with Krypton	2014	35	Prof. Divya Shah Mr. Rohit Chaurasiya



17	NSCFET	2014	150	Prof. Sharad Bhartiya, IITB Prof. P.S.V. Natraj, IITB Mr. Anand V., Tata Motors Prof. V. A. Agarwal, IITB
18	Embedded system Design on MSP 430 in collaboration with Texas Instruments	2014	35	Mr. Gurpreet Gill
19	Robotics Workshop	2014	70	ARK Technosolutions
20	Workshop and Field Trials on Remote Triggered DC Motor Control	2013	40	Dr. PSV Natraj
21	Scientific Report Writing using Latex for BE students	2013	100	Mrs. Tripti Agarkar
22	Scientific Report Writing using Latex for ME students	2013	14	Dr. Vishwesh Vyahaware
23	Simulation and control of Magnetic Levitation System	2012	30	Dr P. S. V. Natraj
24	National workshop on –Application of Fractional Calculus”	2012	35	Prof. Om Agrawal Southern Illinois University, USA Prof. P. S. V. Nataraj System and Control, IIT Bombay Prof. V. M. Gadre Dept. of EE, IIT Bombay Dr. N. Selvagesan Faculty and Scientist, IIST (ISRO) Dr. Shantanu Das Scientist, BARC, Mumbai Dr. Kiran Kolwankar Dept. of Physics, R. J. College, Mumbai Dr. Varsha Gejji Dept. of Maths, University of Pune Prof. Faruk Kazi Dept. of EE, VJTI, Mumbai



25	Scientific Report Writing using Latex for BE students	2012	100	Mrs. Divya Shah
26	Scientific Report Writing using Latex for ME students	2012	14	Mr. M. D. Patil
27	One day workshop on –Scientific Report Writing”	2011	30	Dr. Vishwesh Vyawahare

d. Details of the expert lectures organized by department:

Sr. No.	Name of Expert	Title of the talk	Year
1	Mr. Rakesh	Visual TCAD Software Demo	2015
2	Prof. Naba Mondal	INO: India based Neutrino Observatory	2015
3	Mr. R. K. Basu	India’s Nuclear power program	2015
4	Mr. Viraj Padte	Embedded GPU System	2015
5	Mr. Ankur S	Internet on Things	2015
6	Mr. Ajay S. S.	COMSOL Multyphysics	2015
7	Mr. Jagdish Bisawa	Embedded Systems Fundamentals	2015
8	Mr. Rohit Chaurasiya	Scientific Report Writing using Latex for ME-Students	2015
9	Mr. Rohit Chaurasiya	Scientific Report Writing using Latex for EXTC	2015
10	Dr Jakir Taquvi	Research Trends in Aeronautics Engineering	2014
11	Mrs. Trupti Agarkar	Scientific Report Writing using Latex for BE students	2014
12	Mr. Rohit Chaurasiya	Scientific Report Writing using Latex for ME students	2014
13	Mrs Divya Shah	Scientific Report Writing using Latex for students	2013
14	Mrs Divya Shah	Scientific Report Writing using Latex for students	2012
15	Dr. Vishwesh Vyawahare	Scientific Report Writing using Latex for students	2011
16	Dr. M. D. Patil	Scientific Report Writing using Latex for students	2010



26. Student profile programme/coursewise:

Year	Name of the Course	Selected Students	Enrolled		Pass%
			Male	Female	
2014-15	UG	171	104	67	79
	PG	14	1	13	64.28
	PhD	8	3	5	In process
2013-14	UG	161	115	46	83
	PG	14	9	5	92.8
	PhD	3	0	3	In process
2012-13	UG	145	105	40	72
	PG	14	1	13	100
	PhD	5	3	2	In process
2011-12	UG	148	98	50	83.33
	PG	17	7	10	100
2010-11	UG	150	105	45	88
	PG	18	2	16	100

*M=Male *F=Female

27. Diversity of Students:

Year of Admission	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2014-15	UG Shift-I	97.68	2.32	-
	UG Shift-II	100	0	-
	PG	92.86	7.14	-
	PhD	100	0	-
2013-14	UG	97	3	-
	PG	92.86	7.14	-
	PhD	100	0	-
2012-13	UG	94.54	5.46	-
	PG	85.72	14.28	-
	PhD	100	0	-
2011-12	UG	93.7	6.3	-
	PG	94.12	5.88	-
2010-11	UG	96	4	-
	PG	88.89	11.11	-



28. Students who have cleared national and state competitive examinations such as NET, SET, GATE, Civil services, Defense services, etc.

Sr. No.	Academic Year	No students qualified in Competitive Exams			
		GATE	GRE/GMAT	Defense SSB	CAT/CET
1	2010-2011	02	11	00	05
2	2011-2012	03	22	00	04
3	2012-2013	05	39	01	02
4	2013-2014	05	56	02	02
5	2014-2015	54	11	00	01

29. Student progression:

Student progression	Against % enrolled				
	2011	2012	2013	2014	2015
UG to PG	15	24.16	38.33	52.5	55
PG to Ph.D.	5.56	-	-	11.12	-
Employed	2011	2012	2013	2014	2015
	95	87.5	75	88.75	89.52
	2	5	3	2	3
Entrepreneurship/Self-employment	1.67	2.50	1.67	0.08	-

30. Details of Infrastructural facilities

Sr. No.	Infrastructure facility	Details of Items	Numbers
1	Library	1. Number of Titles	2859
		2. Number of Volumes	8448
		3. Journals	50
		4. Magazine and Periodicals	45
		5. CDs	280
		6. E- Journals	30
2	Departmental Library	No. of Books	1000
3	Internet facility for staff and students	1. Computers	90
		2. Computers with internet facility	90
		3. Bandwidth	135Mbps
4	Classrooms with ICT facility	No of classrooms and ICT facility available	9
5	Laboratories	No of laboratories with worth equipments (Amount)	15 Laboratories (Rs. 82,76,000/-: Cumulative for last 5 years).



31. Number of students receiving financial assistance from college, University, Government or other agencies:

Category	No. of Students	Amount	Year
SC,ST,OBC,SBC,NT,VJ	129	5314800	2010-11
Minority	6	150000	
EBC	14	374668	
Other	5	125000	
RAIT, University Ranker awards	13	-	
SC,ST,OBC,SBC,NT,VJ	155	6696000	2011-12
Minority	3	75000	
EBC	20	655000	
Other	5	125000	
RAIT, University Ranker awards	13	-	
SC,ST,OBC,SBC,NT,VJ	174	8874000	2012-13
Minority	4	10000	
EBC	22	754050	
Other	7	175000	
RAIT, University Ranker awards	13	390000	
SC,ST,OBC,SBC,NT,VJ	236	13688000	2013-14
Minority	5	125000	
EBC	20	773480	
Other	22	770000	
RAIT, University Ranker awards	13	365000	
SC,ST,OBC,SBC,NT,VJ	229	17026150	2014-15
Minority	4	10000	
EBC	30	1302660	
Other	21	588000	
RAIT, University Ranker awards	13	390000	

32. Details on student enrichment programs (special lectures/ workshops /seminar) with external experts:

a) Wellness/ Special Lecture

Sr. No.	Enrichment Programmers	Year
1	Brahma Kumari Yoga Classes for SE students & faculties	2013
		2014
2	Stress Management Workshop by Ramakrishna mission	2014
3	Effective Public Speaking by Mihir Mankad	2015



4	Sahaj Yoga Meditation for Students & Faculties	2015
5	Success Mantra for Life by Mrs Jayanti Chavan	2015

33. Teaching methods adopted to improve student learning:

a. Teaching Innovations:

Sr. No.	Details of the innovation	Description	Year of Implementation
1	Use of LCD Projector for Presentations	Presentations made by faculty members and/or downloaded from the net. Also video lectures from eminent experts in the subject are shown to students.	2010-11
2	Quizzing	Regular class/surprise and terms tests are conducted.	
3	Use of Question Banks	Question Banks consisting of variety of questions ranging from genius or highest difficult level to normal level are given to the students for acquaintance with variety of questions	
4	CO-PO attainment	The faculty concerned prepares course objectives and programme objective mapping table and assigns weight age to each of the CO against the Programme Outcomes (POs) and calculates CO-PO attainment.	
5	Personal Counseling and Remedial	Personal counseling as well as remedial lectures is arranged for the weaker students.	
6	Competitions/project works/seminars	The faculty members use their expertise to float innovative projects/hands-on sessions and seminars for students.	2011-12
7	Internet / WiFi facility for online video streaming	The faculty members use this facility to show video lectures (NPTEL, Coursera, MITOCW, etc) and to present to students the material available online for their	



		subject.	
8	Use of Smart Board and recording facility.	Smart boards, due to their various features, help the teacher in delivering the lectures more efficiently and effectively. The contents written/explained by the teacher on the smart board can be saved and made available to students for their study. This relieves the students of the task of writing down the contents in their copies thereby providing them more time to concentrate, think and understand the lecture contents	2012-13
9	Use of Podium with mike and speaker for audio presentations	The use of podium relieves the teacher from carrying bulky laptops to the class rooms. Also the lectures are audible to students seating at the back of the class making content delivery quite effective.	2013-14
10	Virtual class room through Webinar	Enables the tutor to attend the workshops/ Lectures remotely and exchange the thoughts. Tutor's lectures and presentations are also recorded and made available through Webinar for repeat hearing, etc.	2014-15

b. Learning Innovations :

Sr. No.	Details of the innovation	Description	Year of Execution
1	Group Discussions	To share the knowledge, to develop group communication skills.	2010-2011
2	Quizzing	Spontaneous answering and thinking skills.	
3	Assignments/Tutorials	Problem solving and case study handling skills. Expose to variety of problems including GATE level.	
4	Internet	To learn from experts across the globe such as NPTEL videos and other educational	2011-12



		contents from reputed professors.	
5	Presentations	Students learn well planned presentation skills to prepare and present	
6	Projects (for Life Long Learning)	Students can work on real time or research oriented projects and learn the methodology of analyzing, designing, implementing, testing and validating skills. The research oriented projects enhance specific domain knowledge and give a path for continuous learning with passion.	
7	Seminars and expert lectures	To get the knowledge about the advancements happening in various Technological fields and the approaches followed by individuals	
8	Internships	To get practical knowledge and industrial exposure	
9	Organizing Technical Events	To add leadership qualities, group management skills and to improve self-confidence and personality	2012-13
10	Hands on Workshops for practical-oriented subjects	To acquire the skills required for bridging industry expectations.	
11	Competitive activities to enhance programming skills	To test and showcase their knowledge of coding	
12	Project Competitions	To justify the worthiness of the project for practical use.	2013-14
13	Virtual class room through Webinar	To interact with remote talents and to acquire knowledge in specific domains.	
14	Involvement in SciTech Exhibition	To learn to map the technology to our day today life and to project the technical things in a non-technical way so that a common man will understand the use of technology.	2014-15



34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Institute has a Students' Social wing with active student members from all the departments. The students and faculty actively participate in a number of social activities as listed below.

Sr. No.	Activity	Year
1.	Teaching children of Girija Balgruha.	2014-15
2.	Sponsoring Children from World Vision	
3.	Joy fest for Children of Girija Balgruha with various fun events, food and sports.	
4.	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.	
5.	Alleviating Trouble- by gifting Mixer Grinder to Anand Ashram Old Age	
6.	Alleviating Trouble- by gifting Water Heater to Girija Balgruha	
7.	Sponsoring Orphans' School Admission fees.	
8.	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.	
9.	Christmas Celebration at Girija Balgruha.	
10.	Campus Vist of children of Girija Balgruha during Tech fest,- Children participated in some events, viewed some technical events, played sports, interacted with Alumni, Principal of RAIT and Faculty.	
11.	The Colors of Holi – Celebrated Holi with the residents of Anand Ashram.	
12.	Street Play on Woman's rights at RAIT campus, Nerul Station , Vashi Station and Panvel Station.	
13.	Donation of Computers – for Girija Balgruha.	
14.	Plastic-free society awareness drive through campus	2013-14
15.	Workshop for self-defense of women	
16.	Traffic signal campaign	
17.	Diwali visit for orphanage	
18.	Tree Plantation within the campus	2012-13
19.	Blood donation camp within the campus	2011-12
20.	Blood donation camp within the campus	2010-11



35. SWOC analysis of the department and Future plans.

Strengths:

- Long standing of Electronics Engineering Department since last 32 years with access to higher education, service to people and outreach to the society.
- Highly qualified, experienced, and dedicated cadre of faculty members.
- Strong ethics and commitment to quality, positive moral, commitment to seek opportunities.
- Department has an excellent reputation with a wide range of locally and regionally agencies as well as within the college and university for its programming and work of faculty.
- A strong focus on quality teaching with a faculty that excels in teaching students at all levels.
- A large number of strong and widely respected and recognized outreach programs that demonstrate a strong commitment to the community and community service.
- Steadily increasing research output by way of publications, patents and technology transfer.
- In order to improve the quality of man power, periodic training programmes are being conducted by inviting eminent personalities from Industry and Academic Institutions and sponsoring the faculty for various Faculty Development Programmes.

Weaknesses:

- Technical collaborations (MoUs, consultancy) with the industries need to be further strengthened.
- Placements of students in core electronics branches need to be increased.
- More faculty members should possess doctoral degrees.
- Limitations in floating undergraduate and post-graduate courses related to recent advancements in Electronics Engineering due to affiliation to university.

Opportunities:

- Research into advanced technological areas like micro- and nano-electronics, GPU computing, embedded supercomputing, etc.
- Academic interactions and research collaborations with reputed institutes like IITs, BARC, etc.
- Further up gradation of infrastructure and laboratory facilities in consultation with leading research organizations and industries.
- Active involvement of faculty and students in entrepreneurship.



- Launching of certified courses in various fields of Electronics Engineering.

Challenges:

- Difficulty to assimilate in curriculum the fast technological growth in Electronics Engineering.
- Creation of a strong research environment in the post-graduate students.
- More number of institutes in the vicinity offering post-graduate courses (ME) in Electronics Engineering thereby affecting the intake.

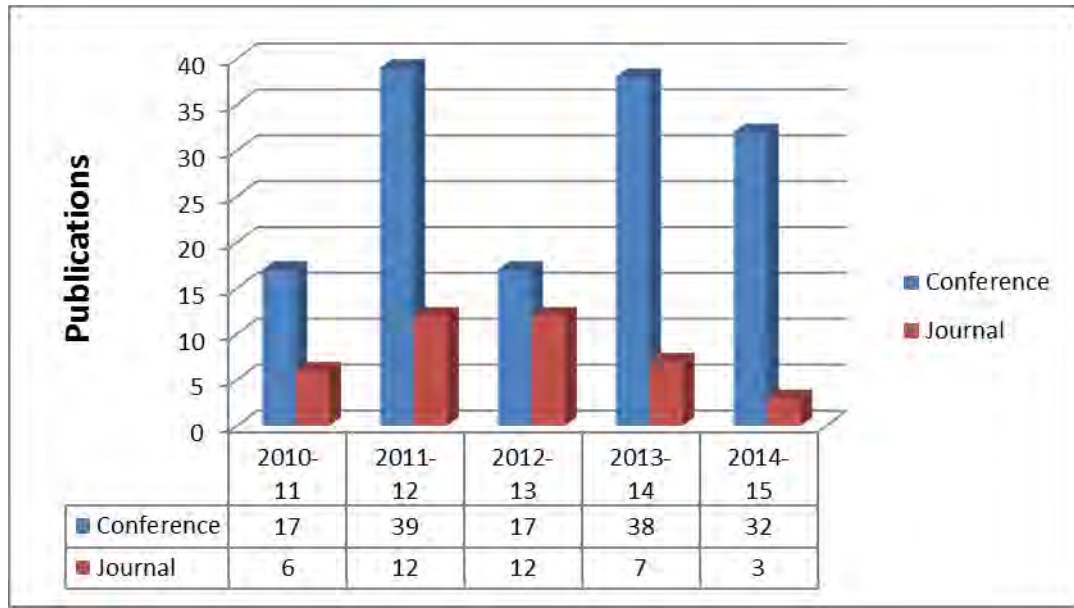
36. Road Ahead and future plans.

- Addition of motivated, highly educated individuals as faculty in the department at various levels to boost up the research culture and enhancement of teaching quality.
- Involvement with other departments and institutes for multidisciplinary research work.
- More interaction with the core industries for consultancy, placement of students and patentable research problems.
- To encourage students to appear for competitive exams like GATE, IES to pursue research and service careers by providing in-house coaching.
- Setting up of laboratories for current research areas in Electronics Engineering like nano-electronics, GPU computing, etc.
- Motivate the post-graduate students to pursue career in research by encouraging them to apply for PhD.

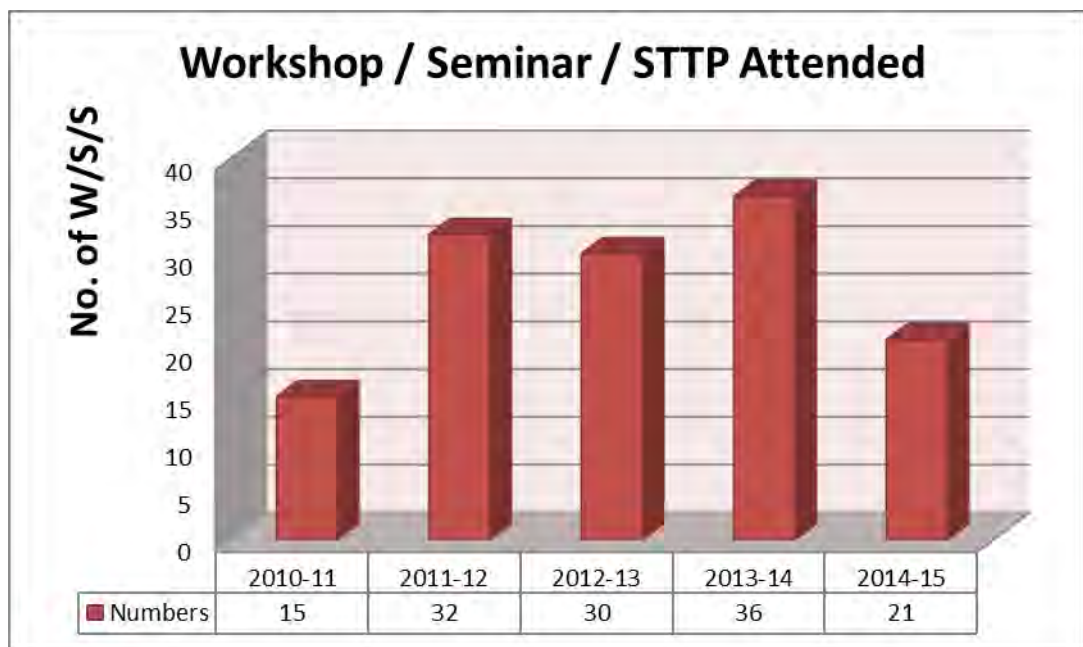


Electronics Department at a Glance (Graphical Representation)

1. Publications by Faculty (Year-wise)

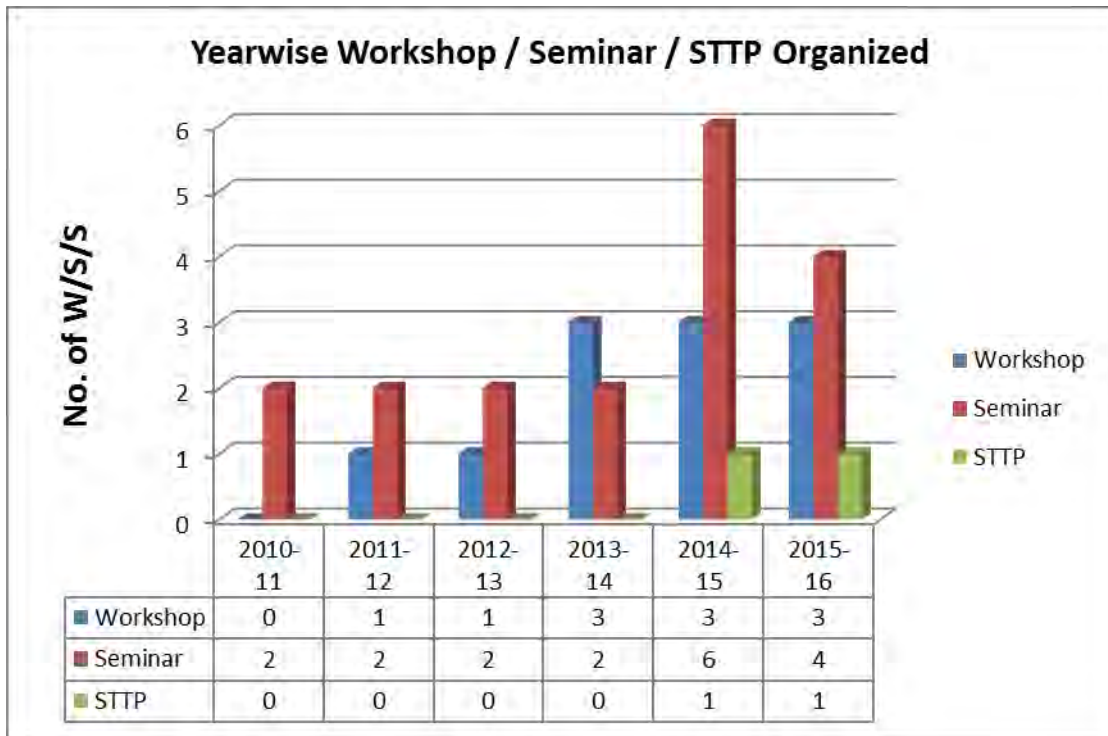


2. Workshop/Seminar/ STTP Attended by Faculty





3. Year wise Workshop/Seminar/STTP Organized

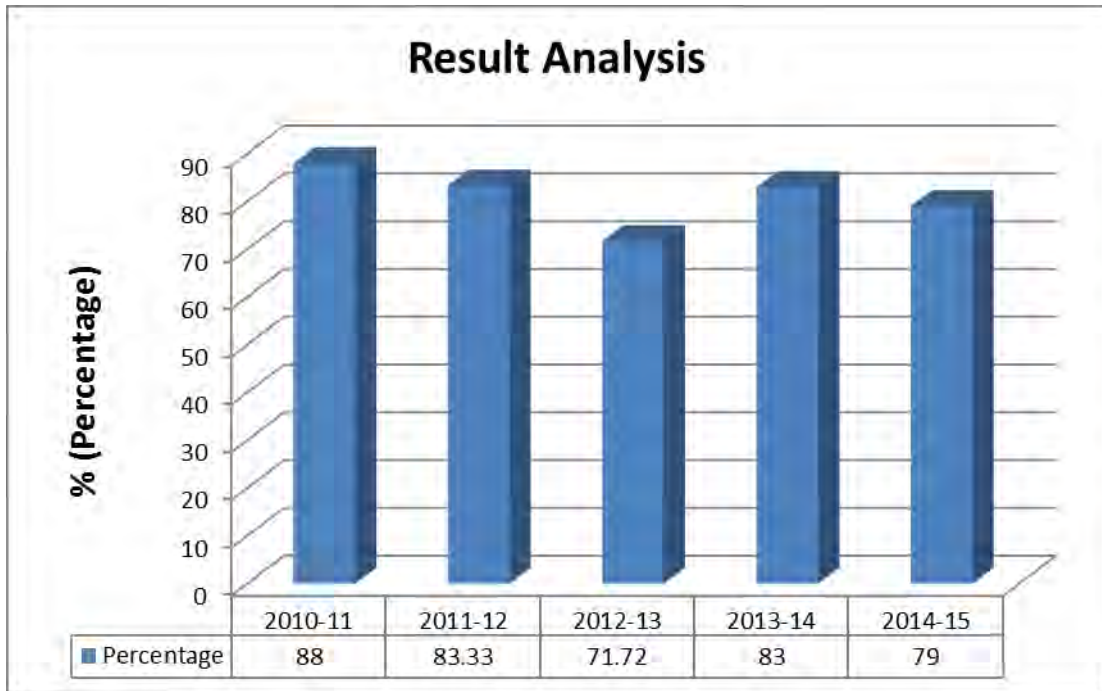


4. Total Events (Workshop/Seminar/STTP) Organized

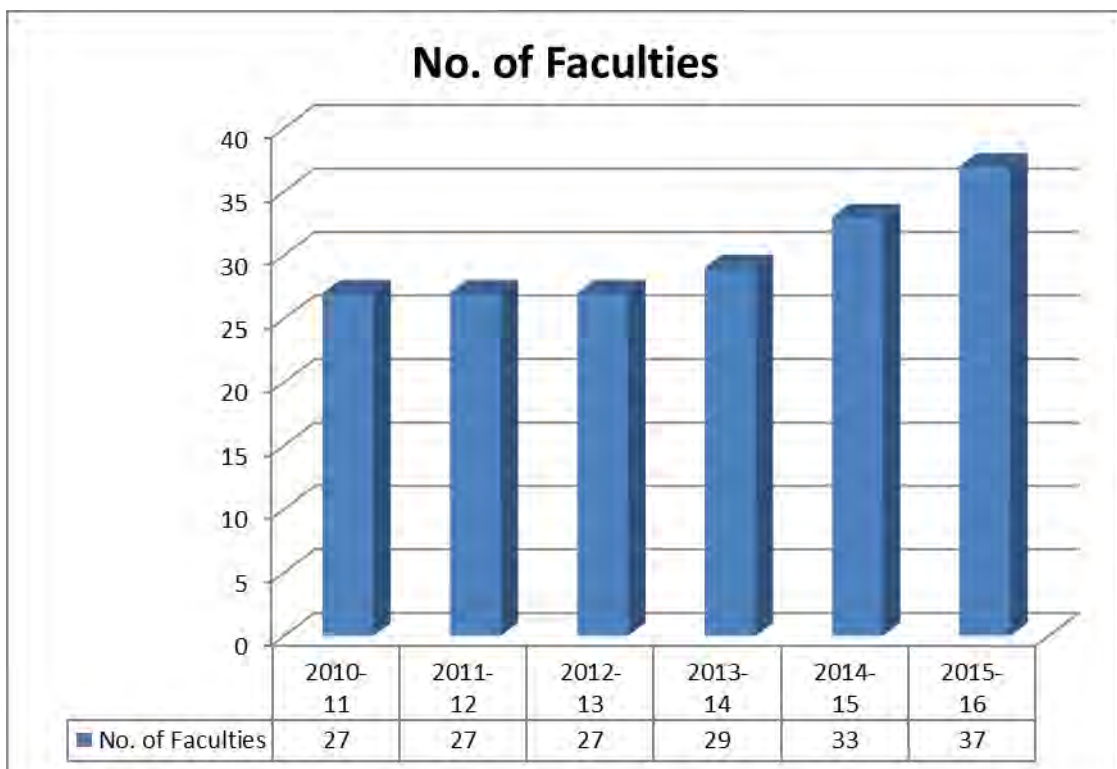




5. Result Analysis

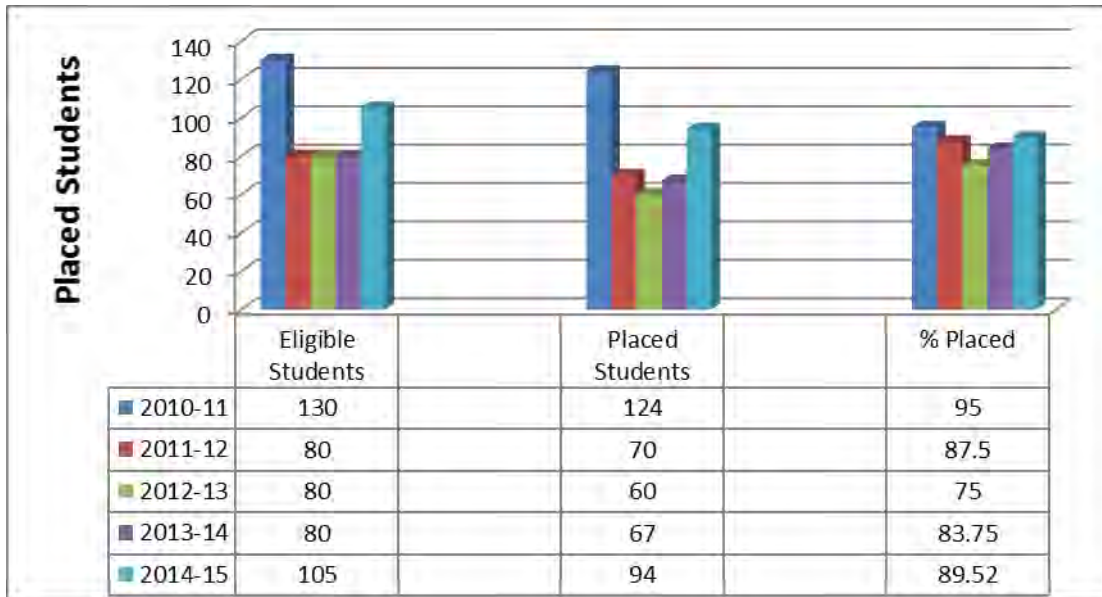


6. Number of Departmental Faculty Members

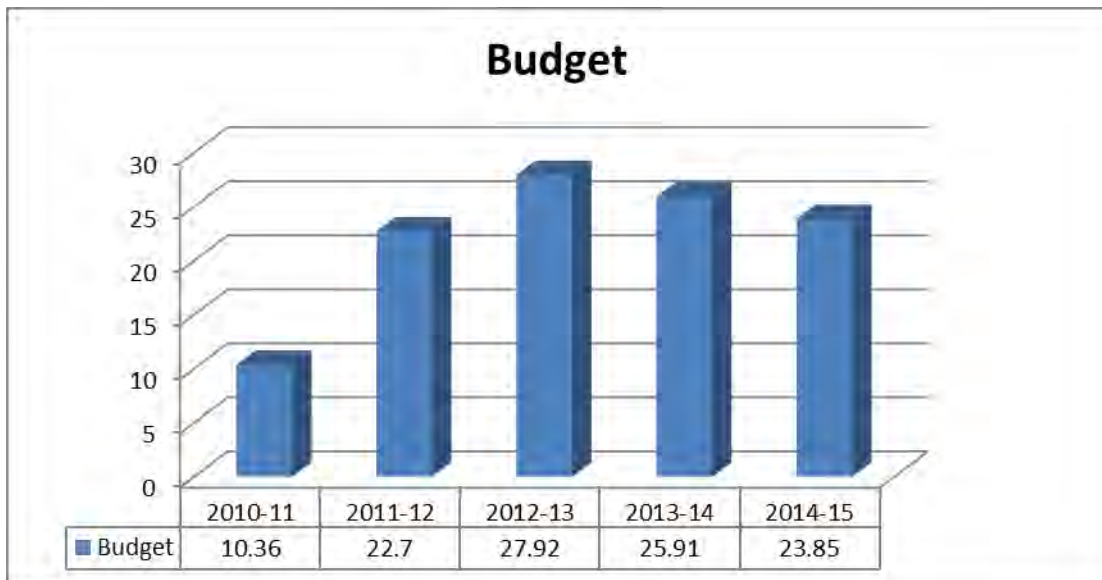




7. Placement of Students



8. Budget (Lakh) sanctioned for the R&D activities such as seminars, STTPs, workshop, conferences etc.





9. Laboratory Expenses Year-wise:

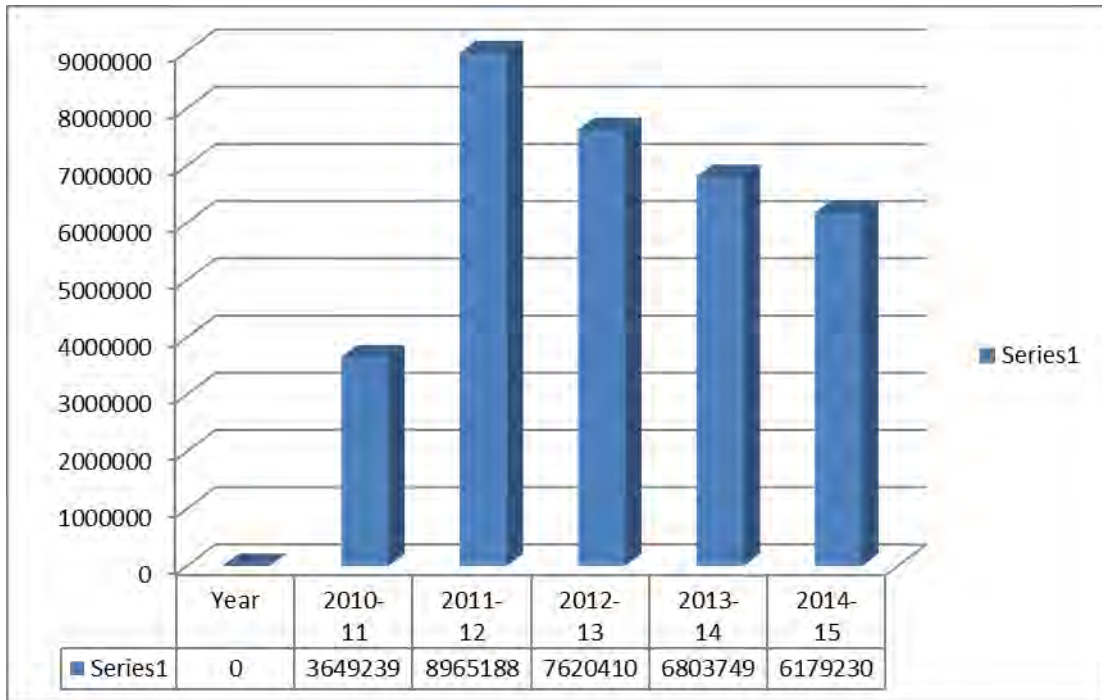


Photo Gallery:







Electronics and Telecommunication Engineering Department



D Y PATIL
— RAMRAO ADIK —
**INSTITUTE OF
TECHNOLOGY**

NAVI MUMBAI

Evaluative Report of the Electronics and Telecommunication Engineering Department

1. **Name of the Department** : Electronics and Telecommunication Engg.
2. **Year of Establishment** : 2001
3. **Names of Programmes/Courses Offered (UG,PG,M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : B.E. in Electronics and Telecommunication
: M.E in Electronics and Telecommunication
4. **Names of Inter-disciplinary courses and the departments/units involved:**
Department is taking support for following subjects from other department

Sr. No.	Name of Department	Subjects
1	Engineering Science	Applied Mathematics-III,
		Business and Communication Ethics
		Principles of Communication Techniques,
		Applied Mathematics-IV,
2	Computer Engineering	Object Oriented Programming Methodology
3	Information Technology	Object Oriented Programming Methodology, Operating Systems

5. Annual/semester/choice based credit system (programme wise):

Sr. No.	Programme of Department	Credit system
1	Bachelor of Engineering (Electronics and Telecommunication)	<ul style="list-style-type: none"> • Credit system is introduced from 2012-2013 by University of Mumbai. • Annual based results are declared although Semester based Examination system is in place as prescribed by University of Mumbai.
2	Master of Engineering (Electronics and Telecommunication)	<ul style="list-style-type: none"> • Credit system is introduced from 2012-2013 by University of Mumbai.

6. Participation of the department in the courses offered by other Departments

Sr. No.	Name of Department	Subjects
1	Engineering Science	Basics and Electrical and Electronics Engg.
2	Information Technology	Electronics Devices and Circuits, Analog and Digital Circuits, Principles of Analog and Digital Communication
3	Computer Engineering	Microcontrollers
4	Electronics Engineering	Electronics Devices
5	Instrumentation Engineering	Biomedical Engg. (ME)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Sr. No.	Name of Industries/ University	Courses
1.	BARC, Mumbai	Seminars and Workshops
2.	IIT Bombay, Mumbai	Workshops and Seminars
3.	Texas Instruments (Gill Instruments)	Workshop on MSP 430 and Internet of Things
4.	COMSOL	COMSOL Multi-physics
5.	TIFR, Mumbai	INO: India based Neutrino Observatory
6.	ARK Technologies Mumbai	Workshops
7.	Gauranga soft tech Pvt. Ltd.	Training Programs and Seminars
8.	IITs and IISc (through NPTEL)	e-Courses and Video Lectures

8. Details of courses/programmes discontinued (if any) with reasons:

NIL

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	04	02
Associate Professors	12	Filled 38 for both Associate Professors and Assistant Professors/Lecturers. 04 faculty additionally recruited for first year load.
Asst. Professors	25	



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. / Ph.D./M.Phil. etc.,)

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.E./Ph.D. Students Guided/guiding for the last 4 years
1.	Dr. Mukesh D. Patil	M.Tech, PhD (IIT, Bombay),	Professor and HOD	Systems and Control Engg.	19	50
2.	Dr. J. S. Bora	Ph.D. (Kumaon University)	Professor	Reliability Engg.	25-Industry, 12	--
3.	Mrs. Geeta Devurkar	M.Tech	Asst. Prof.	Electronics	32	6
4.	Mr. Chandrakant Gaikwad	M.Tech, Ph.D. (IIT Kanpur) (Pursuing)	Assistant Professor	Signal Processing	19	-
5.	Mr. Manoj Dongre	M.E, Ph.D. (Pursuing)	Asst. Prof.	EXTC	19	19
6.	Mrs. Kirti Rathi	M.E	Asst. Prof.	Power Electronics	18	01
7.	Mr. Vijay Dahake	M.E	Asst. Prof.	EXTC	17	12
8.	Mrs. Ashwini Naik	M.E., Ph.D. (Pursuing)	Asst. Prof.	Communication Engg.	12	-
9.	Mrs. Sujata Kadam	M.Tech.	Asst. Prof.	EXTC	13	18
10.	Mrs. Hemlata Patil	M.E, Ph.D. (Pursuing)	Asst. Prof.	EXTC	12	2



11.	Mrs. Shital Mali	M.E	Asst. Prof.	EXTC	12	6
12.	Mrs. Prajakta Papalkar	M.E	Asst. Prof.	EXTC	17	5
13.	Mrs. Vrishali Patil	M.E	Asst. Prof.	EXTC	06	-
14.	Ms. Amruta Chintawar	ME	Asst. Prof.	Computer Engg.	12	8
15.	Ms. Kausar Fakir	ME	Asst. Prof.	Electronics	10	3
16.	Mrs. Poonam Gadge	M.E	Asst. Prof.	Electronics	08	-
17.	Mrs. Ashwini Joshi	M.E. (Electronics)	Asst. Prof.	Electronics	08	--
18.	Mrs. Pallavi Sapkale	M.E	Asst. Prof.	Electronics	09	-
19.	Mrs. Shubhangi Ghate	M.E	Asst. Prof.	Electronics	09	-
20.	Mrs. Rajshri Patil	M.E	Asst. Prof.	EXTC	08	-
21.	Mrs. Debjani Mahanta	M.E	Asst. Prof.	VLSI & Microelectronics	06	-
22.	Ms. Jyoti Vengurlekar	M.E	Asst. Prof.	EXTC	06	-
23.	Mrs. Krupali Raut	M.E	Asst. Prof.	EXTC	06	-
24.	Mrs. Sonali Talrekar	M.E	Asst. Prof.	Electronics	7	-



25.	Mrs. Chitra Suresh	M.E, Ph.D. (Pursuing).	Asst. Prof.	Electronics	3 years Industry and 3years teaching	-
26.	Mrs. Vishakha Gaikwad	M.E	Asst. Prof.	Electronics	4	-
27.	Mrs. Monika Wadhai	M.E	Asst. Prof.	EXTC	4	-
28.	Mr. Malay Kenia	M.Tech (IIT Bombay)	Asst. Prof.	Embedded System	6	-
29.	Mr. Jaswantsing Rajput	M. E.	Asst. Prof.	EXTC	6	-
30.	Mrs. Sneha Mane	M.E	Asst. Prof.	EXTC	4	-
31.	Mrs. Priya Mule	M.E	Asst. Prof	Electronics	4	-
32.	Mr. Bhushan Devare	M.E	Asst. Prof.	EXTC	6	-
33.	Ms. Swarali Sheth	M. Tech.	Lecturer	Communication Engg.	5	-
34.	Mr. Jitendra Sonawane	M.E	Lecturer	EXTC	3	-
35.	Ms. Trupti Nawadkar	M.E	Asst. Prof.	EXTC	2	-
36.	Ms. Sneha Patkar	M. Tech (VJTI, Mumbai)	Lecturer	EXTC	2	-
37.	Mr. Gajraj Singh	M. Tech (NIT, Kurukshetra)	Lecturer	Electronics & Communication	1	-

38.	Mr. Pramod Kachare	M. Tech. (VJTI)	Lecturer	Signal Processing	0	-
39.	Mr. Digamber Puri	M. Tech. (VJTI)	Lecturer	Signal Processing	0	-
40.	Mr. Mehboob Raza Haider	M.E (Pursuing)	Lecturer	EXTC	2	-
41.	Mr. Sandeep Sangle	M.E (Pursuing)	Lecturer	EXTC	1	-
42.	Ms. Swati Parekar	M.E (Pursuing)	Lecturer	EXTC	1	-
43.	Mr. Rahul Kodag	M.E (Pursuing)	Lecturer	EXTC	0	-
44.	Mr. Varsharani Gurav	M.E (Pursuing)	Lecturer	EXTC	1	-

11. List of senior visiting/ expert faculty:

Sr. No.	Name	Post	Organization
1	Prof. P. S. V. Nataraj	Professor	IIT Bombay
2	Prof. Sharad Bhartiya	Professor	IIT Bombay
3	Dr. Girish Kumar	Professor	IIT Bombay
4	Dr. S. N. Merchant	Professor	IIT Bombay
5	Dr. Sanjeev Gupta	Professor	DAIT, Gandhinagar
6	Dr. Archana Sharma	Scientist	BARC, Mumbai
7	Dr. Kushal Tuckley	Chairman and Director	AGV Systems Pvt. Ltd.
8	Dr. S. K. Ukarande	Dean, FOT	University of Mumbai
9	Dr. Prashant Shingare	Manager	Emerson
10.	Mr. Anand V.	Tata Motors	Pune
11.	Dr. Milind Shah	Chairman	IETE
12.	Dr. S. S. Mande	Professor	DBIT, Mumbai
13.	Dr. K. T. V. Reddy	Treasurer	IETE
14	Dr. M. M. Deshpande	Professor	A. C. Patil COE, Mumbai
15	Mr. Gurjeetsing Gill	Senior Engineer	Texas Instrument
16	Dr. N. Selvaganesan	Faculty & Scientist	IIST (ISRO), Thiruvananthapuram

12. Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty

All classes are conducted by regular faculties.

13. Student-Teacher Ratio (programme wise) :

Programme	Student-Teacher Ratio
PG	6:1
UG	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Administrative Staff	02	02
Technical Staff	05	05

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Sr. No.	Qualification	Total
1	Ph. D.	02
2	M. E./ M. Tech	37
3	B. E. (M. E. Pursuing)	05

16. Number of faculty with ongoing projects from a)National b)International c) other funding agencies and grants received

a) National

Sr No	Name of the Faculty	Title of Project	Funding Source	Year	Sanctioned Amount (Rs)
1	Dr. Mukesh D. Patil	Design of controller for Indian Railways	Gauranga Electronics, NaviMumbai	2014-15	1,00,000/-
		LabVIEW based MPC for laboratory base setup	University of Mumbai	2014-15	35,000 /-
2	Malay Kenia, Jitendra Sonawane	3D Printer	Principal RAIT	2014-15	40,000/-
3	Jitendra Sonawane, Gajraj Singh	Quad copter	Principal RAIT,	2014-15	35,000/-
4	Malay Kenia, Jitendra Sonawane, Gajraj Singh Bhushan Devare	Digital Notice Boards	Principal RAIT,	2014-15	1,00,000/-

5	Dr. Mukesh D. Patil	Design of ratio controller for hybrid biogas generation	President RAES	2013-14	2,00,000/-
		e-yantra project	President RAES	2013-14	20000/-
6	Dr. Mukesh D. Patil, Amruta Chintawar, Poonam Gadge	e-yantra project	President RAES	2012-13	20000/-

b) International: NIL.

17. Departmental projects funded by AICTE, DST-FIST;UGC, DBT, ICSSR, etc. and total grants received

Give the details of projects undertaken by the faculty members.

Sr No	Name of the Faculty	Name of the Project	Funding source	Year	Amount in Rs.
1.	Dr. Mukesh D. Patil	Multispectral Image Registration and Fusion	AICTE	2007-09	9,00,000
2.	Prof. P. S. V. Natraj and Mukesh D. Patil	Constraint-based Design of Controllers and Prefilters	Indo-France	2010-12	2,00,000 Pounds
3.	Dr. Mukesh D. Patil	LabVIEW based MPC for laboratory base setup	University of Mumbai	2014-15	35,000 /-
4.	Dr. Vishwesh A Vyawahare & Dr. Mukesh D. Patil	Analysis of complex order system	AICTE	2014 (Submitted for Approval)	2,50,000/-

18. Research centre/ facility recognized by the university:

NIL

19. Publication Details:

Faculty of the department has published research papers in reputed national and international journals and conferences.

a) Publications



Sr. No.	Name of Faculty	Total Number of Publications
1	Dr. Mukesh D. Patil	85
2	Dr. J. S. Bora	55
3	Mrs. Geeta Devurkar	10
4	Mr. Chandrakant Gaikwad	03
5	Mr. Manoj Dongre	16
6	Mrs. Kirti Rathi	04
7	Mr. Vijay Dahake	09
8	Mrs. Ashwini Naik	07
9	Mrs. Sujata Kadam	09
10	Mrs. Hemlata Patil	10
11	Mrs. Shital Mali	11
12	Mrs. Prajakta Papalkar	01
13	Mrs. Vrishali Patil	03
14	Mrs. Amruta Chintawar	11
15	Mrs. Kausar Fakir	03
16	Mrs. Poonam Gadge	03
17	Mrs. Ashwini Joshi	01
18	Mrs. Pallavi Sapkale	05
19	Mrs. Shubhangi Ghate	04
20	Mrs. Rajashri Patil	06
21	Mrs. Debjani Mahanta	01
22	Ms. Jyoti Vengurlekar	04
23	Mrs. Krupali Raut	03
24	Mrs. Sonali Talrekar	01
25	Mrs. Chitra Suresh	01
26	Mrs. Vishakha Gaikwad	02
27	Mrs. Monika Wadhai	06
28	Mr. Malay Kenia	05
29	Mr. Jaswantsing Rajput	10
30	Mrs. Sneha Mane	02
31	Mrs. Priya Mule	03
32	Mr. Bhushan Devare	03
33	Ms. Swarali Sheth	04
34	Mr. Jitendra Sonawane	02
35	Ms. Trupti Nawadkar	03
36	Ms. Sneha Patkar	02
37	Mr. Gajraj Singh	02
38	Mr. Pramod Kachare	12
39	Mr. Digmabar Puri	04
40	Mr. Mehboob Raza Haider	01
41	Mr. Sandeep Sangle	01
42	Ms. Swati Parekar	01

b) Number of papers published in peer reviewed journals (national / international) by faculty and students-

Sr. No.	Name of the Faculty	Conferences		Journals	
		National	International	National	International
1	Dr. Mukesh D. Patil	06	52	01	16
2	Dr. J. S. Bora	00	00	40	15
3	Mrs Geeta Devurkar	00	03	00	00
4	Mr. Chandrakant Gaikwad	00	02	00	01
5	Mr. Manoj Dongre	00	05	04	07
6	Mrs Kirti Rathi	00	01	02	01
7	Mr. Vijay Dahake	00	06	00	03
8	Mrs. Ashwini Naik	00	02	00	03
9	Mrs. Sujata Kadam	00	06	00	03
10	Mrs. Hemlata Patil	00	05	00	05
11	Mrs. Shital Mali	00	08	00	03
12	Mrs. Prajakta Papalkar	00	01	00	00
13	Mrs. Vrishali Patil	00	00	02	01
14	Mrs. Amruta Chintawar	02	04	03	02
15	Mrs. Kausar Fakir	01	02	00	00
16	Mrs. Poonam Gadge	00	03	00	00
17	Mrs. Ashwini Joshi	00	00	00	01
18	Mrs. Pallavi Sapkale	00	04	00	01
19	Mrs. Shubhangi Ghate	00	04	00	00
20	Mrs. Rajashri Patil	00	05	00	01
21	Mrs. Debjani Mahanta	00	01	00	00
22	Ms Jyoti Vengurlekar	00	01	00	03
23	Mrs. Krupali Raut	00	02	00	01
24	Mrs. Sonali Talrekar	00	00	00	01
25	Mrs. Chitra Suresh	00	01	00	00
26	Mrs. Vishakha Gaikwad	00	01	00	01
27	Mrs. Monika Wadhai	00	00	03	03
28	Mr. Malay Kenia	00	04	00	01
29	Mr. Jaswantsing Rajput	00	05	01	04
30	Mrs. Sneha Mane	00	02	00	00
31	Mrs. Priya Mule	01	02	00	00
32	Mr. Bhushan Devare	00	00	01	02
33	Ms. Swarali Sheth	00	01	00	03
34	Mr. Jitendra Sonawane	00	00	00	02
35	Ms. Trupti Nawadkar	00	02	00	01
36	Ms. Sneha Patkar	00	00	00	02



37	Mr. Gajraj Singh	00	00	01	01
38	Mr Pramod Kachare	00	08	00	04
39	Mr. Digmabar Puri	00	02	00	02
40	Mr. Mehboob Raza H.	00	01	00	00
41	Mr. Sandeep Sangle	00	01	00	00
42	Ms. Swati Parekar	00	01	00	00

- c) **Number of publications listed in International Database (For e.g: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc):**

Sr. No.	Name of the Student	Publications
1	Dr. Mukesh D. Patil	30
2	Dr. J. S. Bora	55
3	Mrs. Geeta Devurkar	02
4	Mr. Chandrakant Gaikwad	01
5	Mr. Manoj Dongre	05
6	Mrs. Kirti Rathi	02
7	Mr. Vijay Dahake	03
8	Mrs. Ashwini Naik	03
9	Mrs. Sujata Kadam	03
10	Mrs. Hemlata Patil	05
11	Mrs. Shital Mali	03
12	Mrs. Vrishali Patil	03
13	Mrs. Amruta Chintawar	06
14	Mrs. Kausar Fakir	01
15	Mrs. Ashwini Joshi	01
16	Mrs. Pallavi Sapkale	01
17	Mrs. Shubhangi Ghate	01
18	Mrs. Rajashri Patil	02
19	Mrs. Debjani Mahanta	01
20	Ms. Jyoti Vengurlekar	03
21	Mrs. Krupali Raut	01
22	Mrs. Sonali Talrekar	01
23	Mrs. Vishakha Gaikwad	01
24	Mrs. Monika Wadhai	06
25	Mr. Malay Kenia	02
26	Mr. Jaswantsing Rajput	05
27	Mrs. Priya Mule	01
28	Mr. Bhushan Devare	03
29	Ms. Swarali Sheth	03
30	Mr. Jitendra Sonawane	02
31	Ms. Trupti Nawadkar	01
32	Ms. Sneha Patkar	02
33	Mr. Gajraj Singh	01
34	Mr. Pramod Kachare	12
35	Mr. Digmabar Puri	02



36	Mr. Mehboob Raza Haider	01
37	Mr. Sandeep Sangle	01
38	Ms. Swati Parekar	01

d) Monographs, Chapters in book authored, Books edited, Books published:

Monographs: NIL

Books Written/Edited

Sr. No.	Name of Faculty	Book Name	Publisher	ISBN/ISSN Number	Year
1	Ms. Amruta Chintawar	Microprocessors and Peripherals	C. Jamnadas & Co		2014
		Microprocessors and Peripherals	C. Jamnadas & Co		2015
2	Mrs. Kausar Fakir	Advanced VLSI	C. Jamanadas & Co.		2014

Chapter(S) in Books

Sr. No.	Name of Faculty	Chapter Name	Book Name	Publisher	ISBN/ISSN Number	Year
1.	Dr. Mukesh D. Patil	“Model Predictive Control for Fractional-order System: A Modeling and Approximation Based Analysis”,	Advances in Intelligent Systems and Computing" (AISC) Series	Springer-Verlag	(Accepted)	
		“Reliable and Robust Automated Synthesis of QFT Controller for Nonlinear Magnetic Levitation System Using Interval	Constraint Programming and Decision Making, , DOI 10.1007/978-3-319-04280-0_15	Springer International Publishing	Volume 539, pages 131-135, 2014	Feb. 2014

		Constraint Satisfaction Techniques”				
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20. Areas of consultancy and income generated

Sr. No.	Name of Faculty	Year	Name of Institute/ Company	Nature of Consultancy	Income generated in Rs.
1	Mr. M. M. Dongre	2010-11	Dr. D. Y. Patil Stadium	Maintenance of LED Display screens.	20,000
2	Dr. M. D. Patil	2013-14	SGGS Nanded	Three days training to the faculty, students and research scholars on “Fractional order control”	20,000
		2013-14	Dept of Instrumentation	Three days workshop on MATLAB to the faculty and students of PG	20,000
		2013-14	Dept of Instrumentation	Three days workshop on Advanced tools in MATLAB to the faculty and students of PG	20,000
		2013-14	D. Y. Patil Institute of Technology, Pune	Three days workshop on Advanced Control System to the faculty and students of PG	20,000
		2013-14	Instrumentation department, RAIT	Introduction to Simulink Seminar	20,000
		2014-15	Electronics department, RAIT	Introduction to MATLAB Seminar	20,000
		2014-15	Electronics Engg department, RAIT	FDP on Teaching Power Electronics with MATLAB Seminar	20,000
		2014-15	Gauranga Soft-tech Pvt Ltd	Controller design for 180 KVA	1,00,000

			Mumbai	system of Railway	
		2014-15	Govt. of India e-Pathashala	Development of course for Mathematics	1,00,000

21. Faculty as Members:

a) National Committees

Sr. No.	Name of the Faculty	National Committee	Designation
1	Dr. Mukesh D. Patil	Member of various LIC, University of Mumbai	Member
		Chairman of various subjects, University of Mumbai	Chairman
		IEEE	Member
2	Dr. J. S. Bora	Bureau of Indian Standard	Member
3	Mrs. Geeta Devurkar	ISTE	Life Member
4	Mr. Chandrakant Gaikwad	IETE	Member
5	Mr. Manoj Dongre	ISTE, IETE	Life Member
6	Mrs. Kirti Rathi	ISTE	Life Member
7	Mr. Vijay Dahake	ISTE	Life Member
8	Mrs. Sujata Kadam	ISTE	Life Member
9	Mrs. Hemlata Patil	ISTE, IETE	Life Member
10	Mrs. Shital Mali	ISTE	Life Member
11	Mrs. Prajakta Papalkar	ISTE	Life Member
12	Mrs. Vrishali Patil	ISTE, IETE	Life Member
13	Mrs. Amruta Chintawar	ISTE	Life Member
14	Mrs. Kausar Fakir	ISTE	Life Member
15	Mrs. Ashwini Joshi	ISTE	Life Member
16	Mrs. Pallavi Sapkale	ISTE	Life Member
17	Mrs. Rajashri Patil	ISTE	Life Member
18	Mrs. Debjani Mahanta	ISTE	Life Member
19	Ms. Jyoti Vengurlekar	ISTE	Life Member
20	Mrs. Sonali Talrekar	ISTE	Life Member
21	Mrs. Chitra Suresh	ISTE	Life Member
22	Mrs. Sneha Mane	ISTE	Life Member
23	Mr. Bhushan Devare	ISTE	Life Member
24	Ms. Trupti Nawadkar	ISTE	Life Member

b) International Committees

Sr. No.	Name of the Faculty	International Committee	Designation
1	Dr. Mukesh D. Patil	Member of Technical Program Committee for conferences: i) 2 nd International Conference on Latest Trends in	Member



		Civil, Structural, Environmental and Infrastructure Engineering 2014, 08-09, March, 2014. 2. Member of Technical Program Committee for the conference 2 nd ii) International Conference on Communication, Information & Computing Technology (ICCICT), held on 16-17, January 2015. iii) International Conference on Cloud Computing and eGovernance 2014 (ICCCEG 2014), held on 25-26, June 2015	
2	Dr. J. S. Bora	Co-ordinated Research Program IAEA, Vienna	Member

c) Editorial Boards/Reviewer:

Sr No	Name of the Faculty	International Committee	Designation
1	Dr. Mukesh D. Patil	Reviewed papers for i) IFAC Symposium on Fractional Differentiation and its Applications, FDA 2012 held in China. ii) Reviewed papers for 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011) Chengdu, China, June 10 - 12, 2011 iii) Reviewed papers for International Conference on Advances in Computer, Communication & Control 2011- ICAC3, Mumbai, India. iv) Reviewed papers for 2 nd International Conference on Communication, Information & Computing Technology (ICCICT), held on 16-17, January 2015 v) Reviewed papers for International Conference on Instrumentation and Control (ICIC) held on 28-30, May 2015.	Reviewer
		Reviewed paper for International journals i) Nonlinear Dynamics Published by Springer. ii) ISA Transactions Published by Elsevier iii) Control Theory and Applications Published by IEEE IET. iv) Computers and Electrical Engineering Published by Elsevier. v) International Journal Control Published by Hindawi. vi) International Journal of Dynamics and	Reviewer

		Control Published by Springer.	
2	Mr. Manoj Dongre	Reviewed papers for National Conference NCPIT 2012, Nagpur	Reviewer

22. **Student projects**
- Percentage of students who have done in-house projects including interdepartmental/programme
 - Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies

Year	UG		PG	
	% of In-house Projects	% of Projects done outside	% of In-house Projects	% of Projects done outside
2010-11	17%	83%	NA	
2011-12	50%	50%	NA	
2012-13	55%	45%	NA	
2013-14	100%	0%	100 %	0 %
2014-15	100%	0%	100 %	0 %

23. **Awards/Recognitions received by faculty and students**
- Awards/Recognitions received by Faculty:

Sr No.	Name	Award	Year
1	Dr. Mukesh D. Patil	Gold Medal in B.E. (Instrumentation), NMU, Jalgaon	1994-95
		5 star Performer	2012-13
		University level winner in Avishkar	2012-13
		Best Poster Award, FDA, China	2012-13
		Excellence in Research and Paper Presentation award by R&D, 1st Position	2012-13
		Excellence in Research and Paper Presentation award by R&D, 1st Position	2013-14
		Pillar of Strength	2014-15
		Excellence in Research and Paper Presentation award by R&D, 1st Position	2014-15
2	Mrs. Geeta Devurkar	Best Paper Award	2010-11

3	Mr. M. M. Dongre	2 star Performer	2012-13
4	Mr. M. M. Dongre	R & D Excellence	2012-13
5	Mr. M. M. Dongre	R & D Excellence	2013-14
6	Mrs. Prajka Papalkar	Best Teacher	2012-13
7	Mrs. Poonam Ghagde	1 st Prize in e-yantra competition held by IIT Bombay: Teacher's Robotics Project competition,Phase-I	2012-13
		1 st Prize in e-yantra competition held by IIT Bombay: Teacher's Robotics Project competition,Phase-II	2012-13
8	Mrs. Amruta Chintawar	1 st Prize in e-yantra competition held by IIT Bombay: Teacher's Robotics Project competition,Phase-I	2012-13
		1 st Prize in e-yantra competition held by IIT Bombay: Teacher's Robotics Project competition,Phase-II	2012-13
		Excellence in Research and Paper Presentation award by R&D,RAIT.	2012-13
		Star Performance award by R&D, RAIT.	2012-13
		IIIrd Prize in e-yantra competition held by IIT Bombay	2012-13
9	Mrs. Sujata Kadam	Best Teacher	2013-14
10	Mrs. Kirti Rathi	R & D Excellence	2012-13
		Best Teacher Award	2013-14
11	Mr. Vijay Dahake	R & D Excellence	2012-13
		Best Teacher Award	2013-14
12	Mrs. Vrishali Patil	Best Teacher Award	2014-15
13	Mrs. Kausar Fakir	R & D Excellence	2012-13

b) Awards/Recognitions Received by Students:

i) Academic Achievements:

Sr No.	Name of the Student	Award	Year
1	Dutta Anvesha A.	University Rank First	2011-12
2	Meera Narayan R.	University Rank Fifth	2011-12
3	Irin Ann Samuel	University Rank Nineteenth	2011-12
4	Agrawal Natasha	University Rank First	2012-13



5	Kanak Mahesh	University Rank Eighth	2012-13
6	Gangadhare Ankita	University Rank Fifteenth	2012-13
7	Katkar Gayatri Gurunath	University Rank Second	2013-14
8	Yeole Sheetal Narayan	University Rank Twelfth	2013-14
9	Gupta Ritu Ashokkumar	University Rank Twentieth	2013-14
10	Khedawala Zahabia	University Rank Eighth	2014-15

Sr. No.	Name of the Student	Class	Percentage of Marks	Institute Rank	Year
1	Agarwal Natasha	B. E.	84.26	First	2012-13
2	Kanak Mahesh	B. E.	82.32	Second	
3	Gangadhare Ankita	B. E.	79.48	Third	
4	Katkar Gayatri	T. E.	82.88	First	
5	Chitte Divya	T. E.	82.18	Second	
6	Saste Niesh A.	T. E.	81.58	Third	
7	Khedawala Zahabiya	S.E.	79.64	First	
8	Puranik Sushrut	S.E.	78.82	Second	
9	Pawar Aniket	S.E.	77.47	Third	
10	Lingayat Deepak	M. E.	70.25	First	
11	Viridi Amandeep	F. E.	85.13	First	
12	Shukla Anubhav	F. E.	84.26	Second	
13	Sonar Vaibhav	F. E.	82.2	Third	

Sr. No.	Name of the Student	Class	Percentage of Marks	Institute Rank	Year
1	Katkar Gayatri G.	BE	80.25	1	2013-14
2	Yeole Sheetal N.	BE	77.67	2	
3	Gupta Ritu Ashok	BE	77.03	3	
4	Khedawala Zahabiya	TE	81.18	1	
5	Singh Chandan B.	TE	78.88	2	
6	Dabade Madhuri L.	TE	76.7	3	
7	Dixit Aditya R.	SE	88.98	1	
8	Singh Shivam S.	SE	87.48	2	
9	Viridi Amandeep K.	SE	86.62	3	
10	Mehboob Raza H.	ME	76	1	
11	Shaikh Gulam A.	FE	84	1	
12	Sonawane Bhairav P	FE	82.33	2	
13	Choudhary Dinesh R	FE	82.07	3	

Sr. No.	Name of the Student	Class	Percentage of Marks	Institute Rank	Year
1	Khedawala Zahabiya U.	BE	79.55	1	2014-15
2	Puranik Sushrut S.	BE	78.58	2	
3	Gottipati Manogna P.	BE	77.48	3	
4	Singh Shivam S.	TE	89.68	1	
5	Dixit Aditya Rajesh	TE	89.41	2	
6	Virdi Amandeep Kaur	TE	87.35	3	
7	Choudhary Dinesh R.	SE	83.41	1	
8	Bhagat Swarali Sanjay	SE	80.71	2	
9	Anuse Shama Ganpat	SE	78.90	3	
10	Karne Ganesh Dilip	ME	77.83	1	

ii) Technical Competition Achievements

Sr. No.	Name of Student	Year	Title of paper/project	Awarded in (details of the event/journal)
1	Yogesh Pawar Sushrut Pauranik	2013-14	e-yantra Symposium, IIT Bombay	Third Prize
2	Ankita Gangadhare Rohel Dawoodani Avdhoot Gaikwad	2013-14	Voice guiding system for disabled persons using ultrasonic sensors & GPS	Second Prize
3	Yogesh Pawar Sushrut Puranik Devarshi Rane Nikhil Bagade	2014-15	3 D Printer	First Prize
4	Yogesh Pawar Sushrut Puranik	2014-15	Digital Notice Board	Best Innovative Project
5	Aniket Gharat Chinmay Joshi Yogesh Pawar Sushrut Pauranik	2014-15	e-yantra competition- IIT Bombay	Consolation

iii) Cultural Activities:

Sr. No.	Year	Name of the Student	Cultural Activity	Details of the Event Participated and Prize Won (if any)
1	2012-13	Omkar Sali	One act pay	Bharud- 2 nd prize at Airoli State Level Skit Competition
2	2013-14	Aditi Raikar	Skit	1.Mumbai University Youth Fest'13-14 : Zonal Trophy Winner Marathi skit – 3rd prize



				2. First Prize- Pillai's Inst. Of Information Technology, Panvel 3. Thane Art Festival : Marathi skit – 1st prize 4. Dr. D. Y. Patil School of Biotech, Belapur(SPECIES)
		Aditi Raikar	Monoact	First Prize- Pillai's Inst. Of Information Technology, Panvel
		Rahul Kamble	Collage	Mumbai University Youth Fest'13-14 : Zonal Trophy Winner – 2 nd Prize
3	2014-15	Chaitanya Mane	Mime	Mumbai University Youth Fest'14-15 - 1st Consolation prize

iv) Sports Activities

Sr. No.	Name of the Participant	Name of the Competition	Year
1.	Dushyant Sharma	National Level BITS Pilani Tournament	2013-14
2.	Sanket Nagrale		
3.	Akhil Panicker		
4.	Surya Ganesh		
5.	Sanjay Bhat		
6.	Vineet Dubey		
7.	Sandesh Ghare		
8.	Vibhendrakumar Singh		
9.	Nikhil Bagade		
10.	Ajinkya Parte		
11.	Ashay Madne		
12.	Ajinkya Bilolikar		
13.	Rameez Wadekar	Inter Collegiate Football Tournament Mumbai University	2012-13
14.	Aniket Kamble		
15.	Joel Fernandes		
16.	Navdeep Nara		
17.	Rohan Warriar	National Level BITS Pilani Tournament	2012-13
18.	Tanvesh N		
19.	Rameez Wadekar		
20.	Aniket Kamble		
21.	Rohan Warriar		
22.	Navdeep Nara		
23.	Joel Fernandes		
24.	Yash Verma		
25.	Dinesh Tetrawal		

26.	Suparna Navegi		
27.	Ajinkya Parte	Olympia- Cricket	2013-14
28.	Ankit Ambokar		
29.	Ashay Madne		
30.	Rameez Wadkar	Olympia- Football	2013-14
31.	Akhil Panicker		
32.	Sanket Nagrale		
33.	Nitin Ghangre	Olympia- Kho-Kho	2013-14
34.	Pranay Thakur		
35.	Suraj Adhikari		
36.	Rahul Waradkar		
37.	Sunil Dhonnar		

24. List of eminent academicians and scientists/visitors to the department

Sr. No.	Name of the Academician/ Scientists	Year	Designation	Organization	Purpose of visit
1	Sekhar Basu, Director BARC	May 2015	Director	BARC	Guest Lecture
2	Prof. Sharad Bhartiya	March 2014	Professor	IITB	Guest Lecture
3	Prof. PSV Nataraj	August 2013	Professor	IITB	Inauguration of Virtual Laboratory
4	Mr. Anand Vasappanvara	September 2014	Manager	TATA Motors	Seminar
5	Prof. V. A. Agarwal	March 2014	Professor	IITB	Guest Lecture
6	Dr. Girish Kumar	January 2015	Professor	IITB	Workshop
7	Dr. Sanjeev Gupta	January 2015	Professor	DAIT, Gandhinagar	Workshop
8	Dr. Archana Sharma	January 2015	Scientist	BARC	Workshop
9	Dr. Kushal Tuckley	August 2014	Chairman	AGV Systems Pvt Ltd	Seminar
10	Prof. Om Agrawal	March 2013	Professor	Southern Illinois University, USA	Workshop
11	Prof. V. M. Gadre	March 2013	Professor	IITB	Workshop

12	Dr. N. Selvaganesan	March 2013	Scientist	IIST	Workshop
13	Dr. Shantanu Das	March 2013	Scientist	BARC	Workshop
14	Dr. Kiran Kolwankar	March 2013	Professor	R J College, Mumbai	Workshop
15	Dr. Varsha Gejji	March 2013	Professor	Dept of Maths, SPPU, PUNE	Workshop
16	Prof. Faruk Kazi	March 2013	Professor	VJTI, Mumbai	Workshop Workshop
17	Prof. B. Bandhopadhyay	March 2012	Professor	IITB	Workshop
18.	Prof. Yogendra Shastri	December 2014	Assistant Professor	IITB	Seminar
19.	Dr. S. K. Ukarande	January 2015	Dean, FOT	University of Mumbai	Academic Purpose
20.	Dr. M. M. Deshpande	April 2015	Professor	ACPCE	Academic Purpose
21.	Dr. S.S. Mande	April 2015	Professor	DBIT	Academic Purpose
22	Mr. Jagdish Bisawa	August 2014	Manager	CTO(Ubisys Technology)	Workshop
23	Mr. Virajpade	August 2014	Project Engineer	IIT Bombay	Workshop
24	Prof. Naba Mondal	July 2015	Scientist	TIFR, Mumbai	Seminar
25	Mr. Ankur S.	March 2015	Engineer	Gill Instruments	Seminar

25. Seminars/Conferences/Workshops organized & the source of funding

a) Name & details of Seminar Conducted by the department:

Sr. No.	Name of seminar	Name of Expert	Source of Funding	Amount	Duration	Year
1	Visual TCAD Software Demo	Mr. Rakesh	R&D funds from Principal RAIT	3000	1 Day	2015-16
2	Scientific Report Writing using Latex for ME EXTC	Mr. Rohit Chaurasiya	R&D funds from Principal RAIT	3000	1 Day	2015-16
3	INO: India based	Prof. Naba Mondal	R&D funds from	3000	1 Day	2014-15

	Neutrino Observatory		Principal RAIT			
4	Embedded GPU System	Mr. Viraj Padte	R&D funds from Principal RAIT	3000	1 day	2014-15
5	Internet on Things	Mr. Ankur S	R&D funds from Principal RAIT	3000	1 Day	2014-15
6	COMSOL Multi-physics	Mr. Ajay S. S.	R&D funds from Principal RAIT	3000	1 Day	2014-15
7	Embedded Systems Fundamentals	Mr. Jagdish Bisawa	IETE-RAIT	3000	1 Day	2014-15
8	Simulation and control of Magnetic Levitation System	Dr P. S. V. Natraj	R&D funds from Principal RAIT	5000	1 Day	2012-13
9	Scientific Report Writing using Latex	Mr. M. D. Patil	R&D funds from Principal RAIT	3000	1 Day	2010-11

b) Name and details of Workshop Conducted by the department:

Sr. No.	Name of Workshop	Name of Expert	Source of Funding	Duration	Year
1	QualNet	Experts from Qualnet Software provider	R&D funds from Principal RAIT	3 days	2011-12
2	Simulation and control of Magnetic Levitation System	RAIT Navi Mumbai	President RAES	2 days	2012-13
3	Workshop and Field Trials on Remote Triggered DC Motor Control	RAIT Navi Mumbai	President RAES	1 Day	2012-13



4	Workshop on Raspberry Pi	ARK Techno solutions	R&D funds from Principal RAIT	2 Day	2014-15
5	Global Overview of Developments in Microwave & Millimeter Wave Communication as on today	Dr. Girish Kumar Dr. Sanjeev Gupta Dr. Archana Sharma Dr. Manmohan Singh Bhatia	IETE-RAIT	03 Days	2014-15
6	Workshop of PCB Designing	Jitendra Sonawane	IETE-RAIT	05 days	2015-16
7	Workshop of Raspberry-Pi	Jitendra Sonawane	IETE-RAIT	08 days	2015-16

c) **Details of workshops/ training programmes /sensitization programmes conducted/organized by department. Please give details of eminent researchers attended:**

Sr. No.	Title of the Workshop/Training program	Year	Number of Participants	Distinguished Speakers/Experts
1	Visual TCAD Software Demo	2015	25	Mr. Rakesh
2	Workshop of PCB Designing	2015	225	Mr. Jitendra Sonawane
3	Workshop of Raspberry-Pi	2015	200	Mr. Jitendra Sonawane
4	Scientific Report Writing using Latex for EXTC	2015	20	Mr. Rohit Chaurasiya
5	INO: India based Neutrino Observatory	2015	70	Prof. Naba Mondal
6	Embedded GPU System	2014	40	Mr. Viraj Padte
7	Internet on Things	2014	90	Mr. Ankur S
8	COMSOL Multi-physics	2014	35	Mr. Ajay S. S.
9	Workshop on Raspberry Pi	2014	100	Experts from ARK Techno solutions
10	QualNet	2011	50	Experts from Qualnet Software provider

d) Details of the expert lectures organized by your department:

Sr. No	Name of Expert	Title of the talk	Year
1	Mr. Rakesh	Visual TCAD Software Demo	2015
2	Prof. Naba Mondal	INO: India based Neutrino Observatory	2015
3	Mr. Rohit Chaurasiya	Scientific Report Writing using Latex for EXTC	2015
4	Mr. Viraj Padte	Embedded GPU System	2014
5	Mr. Ankur S	Internet on Things	2014
6	Mr. Ajay S. S.	COMSOL Multi-physics	2014
7	Mr. Jagdish Bisawa	Embedded Systems Fundamentals	2014

26. Student profile programme/ coursewise:

UG: B. E. (Electronics and Telecommunication Engineering)

Year	Application Received	Selected (Admitted)	Enrolled		Pass percentage
			*M	*F	
2011-12	Centralized Admission Process	117	79	38	82.05%
2012-13		125	92	33	87.20%
2013-14		122	87	35	89.34%
2014-15		158	102	56	94.30%

*M=Male *F=Female

PG: M. E. (Electronics and Telecommunication Engineering)

Year		Selected	Enrolled		Pass Percentage
			*M	*F	
2012-13	Centralized Admission Process	18	08	10	62.5%
2013-14		18	09	09	52.38%
2014-15		18	06	12	90.00%
2015-16		18	05	13	Appeared

27. Diversity of Students

Course	Year	Shift	%of students from the same state	% of students from other States	No. of students from abroad
	2011-12	Ist	95.45 %	4.55 %	--
	2012-13	Ist	95.87 %	4.13 %	--



B. E. EXTC	2013-14	IInd	100 %	00 %	--
		Ist	97.14 %	2.86 %	--
	2014-15	IInd	96.61 %	3.39 %	--
		Ist	96.96 %	3.04 %	--
		IInd	89.28 %	10.72 %	--

Course	Year	No. of students from the same state	No. of students from other States	No. of students from abroad
M. E. EXTC	2012-13	88.88 %	11.12 %	--
	2013-14	94.44 %	5.56 %	--
	2014-15	100 %	00 %	--
	2015-16	100 %	00 %	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sr. No.	Academic Year	No students qualified in Competitive Exams				
		GATE	GRE/GMAT	Defense SSB	UPSC/MPSC	CAT/CET
1	2011-2012	07	24	00	00	00
2	2012-2013	05	26	02	00	02
3	2013-2014	07	30	02	00	00
4	2014-2015	49	40	00	00	00

29. Student progression

Student progression	Against % enrolled				
UG to PG	10-11	11-12	12-13	13-14	14-15
	18.33	20	21	29	15
PG to M. Phil.	NA				
PG to Ph.D.	10-11	11-12	12-13	13-14	14-15



	0	0	0	5	0
Ph.D. to Post-Doctoral	NA				
Employed • Campus selection	10-11	11-12	12-13	13-14	14-15
	91.48	86.07	75.64	83.11	96.33
• Other than campus recruitment	10-11	11-12	12-13	13-14	14-15
	5	10.7	22.8	15.6	4.2
Entrepreneurship/Self-employment	10-11	11-12	12-13	13-14	14-15
	0.1	0.5	0.8	0.6	0.3

30. Details of Infrastructural Facilities

Sr. No.	Infrastructural facility Details Number	Details of Items	Numbers
1	Library	Titles of Books	1045
		Volumes	3056
		Journals	55
		CDs	25
	e-Journals	IEEE, Springer and Science direct	
	Departmental Library	No. of Books	1000
2	Internet facility for staff and students	Computers	70
		Computers with internet facility	70
		Bandwidth	135 Mbps
3	Classrooms with ICT facility	No. of Tutorial rooms	02
		No. of Classrooms	07
		No. of Seminar Halls	01
4	Laboratories	No. of Laboratories	10

31. Number of students receiving financial assistance from college, university, government or other agencies

Category	No. of Students	Amount	Year
SC,ST,OBC,SBC,NT,VJ	133	5745600	2011-12
Minority	4	10000	
other	6	150000	

RAIT, University Rankers award	12	--	2012-13
SC,ST,OBC,SBC,NT,VJ	180	9180000	
minority	3	75000	
other	7	175000	
RAIT, University Rankers award	13	451560	2013-14
SC,ST,OBC,SBC,NT,VJ	252	14616000	
Minority	6	150000	
other	24	840000	
RAIT, University Rankers award	13	504680	2014-15
SC,ST,OBC,SBC,NT,VJ	277	20594950	
other	24	672000	
RAIT, University Rankers award	13	3,65,000	

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

Sr. No.	Enrichment Programmers	Year
1	Stress Free Workshop by Brahma Kumari	13-20 August 2013
2	Technical Ralk by Ex NASA Dr. Zakir Taquvi	2014
3	Stress Management Workshop by Ramakrishna mission	6- 7 th February 2014
4	Sahaj Yoga Meditation for Students & Faculties	2-5 th March 2015
5	Technical Talk by BARC director Mr. Sekhar Basu	20 th July 2015
6	Success Mantra for Life by Mrs. Jayanti Chavan	17 th September 2014
7	Effective Public Speaking by Mihir Mankad*	11 th August 2015

33. Teaching methods adopted to improve student learning

a) Teaching Innovations

Details of the innovation	Description	Year of Implementation
Use of LCD Projector for Presentations	Teachers are encouraged to use LCD projectors for delivering lectures which helps to explain the concepts more effectively by using animations and pictures.	2010- till date
Quizzing	Quizes are taken during tutorial/ remedial classes to test the knowledge gained by the students.	
Competitions/project works/seminars	Faculties are motivated to attend national and international seminars and workshops to upgrade their technical skills. This helps faculty members to share the state-of-art technologies to the students while teaching.	2011- till date

Internet / WiFi facility for online video streaming	Teachers can use online video lectures during their class. Faculty members are encouraged to use NPTEL video lectures.	
Use of Smart Board and recording facility.	Faculty members use smart boards for some of the classes. Running notes of these classes are circulated to the students.	2012-13
Use of Podium with mike and speaker for audio presentations	All classrooms are equipped with hi-tech audio and video systems. Faculty use mike systems for better audio.	2013-14
Virtual class room through Webinar	Some lectures are conducted in virtual classroom and available as webinars. Students can use these webinars from anywhere.	2014-15

a) Learning innovation

Details of the innovation	Description	Year of Implementation
Group Discussions	Students are encouraged to participate in group discussions on various topics. This activity helps students to share their views and also helps to increase self confidence.	2010-2011
Quizzing	This activity helps students to test their Knowledge.	
Assignments/ Tutorials	This helps students to explore their knowledge to solve difficult problems. They can also work on different case studies.	
Presentations	Delivery of lectures using ppts helps to understand the concept in depth using the animations and pictures.	
Projects (for Life Long Learning)	Students are encouraged to implement their knowledge and skills through projects. Students are encouraged to work on real time projects for lifelong learning.	
Seminars and expert lectures	Expert talks by researchers and industry experts are arranged for students bridge the gap between industry and academics.	2011-12
Internships	Students are encouraged to do the internships during summer vacation. This activity helps the students work on real time projects.	
Technical Innovations	The technical society of the department organizes technical festivals during every semester. This helps students to add leadership qualities and improve self Confidence and personality by organizing many tech-fests.	

Use of NPTEL video lectures	Video lectures of eminent Professors of IITs and IISc are shown in the class.	
Hands on Workshops for practical oriented subjects	Various workshops are arranged for the students in association with the industries and experts from research institutes. This helps the students to fill the gap between academics and industry.	
Project Competitions	Students get platform to showcase their knowledge and expertise through real time projects. Project competition is arranged every year to showcase knowledge of the students.	2012-13
Virtual class room through Webinar	Live streaming of some of the classes are carried out. Students can use these webinars from anywhere.	2013-14
Involvement in SciTech Exhibition	Students learn to map the technology to our day today life. They learn to project the technical things in a non-technical way so that a common man will understand the use of technology.	2014-15

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr. No.	Activity	Year
1	Blood donation camp within the campus	2010-11
2	Blood donation camp within the campus	2011-12
3	Tree Plantation within the campus	2012-13
4	Plastic-free society awareness drive through campus	2013-14
5	Workshop for self-defense of women	
6	Traffic signal campaign	
7	Diwali visit for orphanage	2014-15
8	Teaching children's of Girija Balgruha.	
9	Sponsoring Children from World Vision	
10	Joy fest for Children of Girija Balgruha with various fun events, food and sports.	
11	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.	
12	Alleviating Trouble- by gifting Mixer Grinder to Anand Ashram Old Age	
13	Alleviating Trouble- by gifting Water Heater to Girija Balgruha	



14	Sponsoring Orphans' School Admission fees.	
15	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.	
16	Christmas Celebration at Girija Balgruha.	
17	Campus Visit of children of Girija Balgruha during Tech fest, - Children participated in some events, viewed some technical events, played sports, interacted with Alumni, Principal of RAIT and Faculty.	
18	The Colors of Holi – Celebrated Holi with the residents of Anand Ashram.	
19	Street Play on Woman's rights at RAIT campus, Nerul Station, Vashi Station and Panvel Station.	
20	Donation of Computers – for Girija Balgruha.	

35. SWOC analysis of the department and Future plans.

Strengths:

- The department is NBA accredited indicating the quality of education given to the students.
- The department has requisite faculty to student ratio of 1:15 specified by AICTE.
- Highly qualified, experienced, and dedicated cadre of faculty members.
- Strong ethics and commitment to quality, positive moral, commitment to seek opportunities.
- Active involvement of the faculty members in syllabus setting and examination of the affiliated university.
- The department has an excellent reputation with a wide range of locally and regionally agencies as well as within the college and university for its programming and work of faculty.
- A strong focus on quality teaching with a faculty that excels in teaching students at all levels.
- A large number of strong and widely respected and recognized outreach programs that demonstrate a strong commitment to the community and community service.
- Steadily increasing research output by way of publications and technology transfer.
- In order to improve the quality of manpower, periodic training programmes are conducted by inviting eminent personalities from industry and academic institutions and sponsoring the faculty for various Faculty Development Programmes.
- Active involvement of undergraduate and post graduate students in



research projects.

Weaknesses:

- Efforts are required to increase number of sponsored research projects.
- An increase in MOU with leading industries.
- The faculty needs to be motivated to undertake consultancy work.
- Efforts are required to increase the placements of students in core companies.

Opportunities:

- Interdepartmental Research.
- Setting up of Research Centre offering quality PhDs in the electronics and telecommunication and allied fields.
- Academic interaction with other research institutes like IITs, IISc, etc.
- Improve interaction with National Laboratories like SAMEER, etc.
- Strong relations with industries.
- To start certified courses and training programmes.

Challenges:

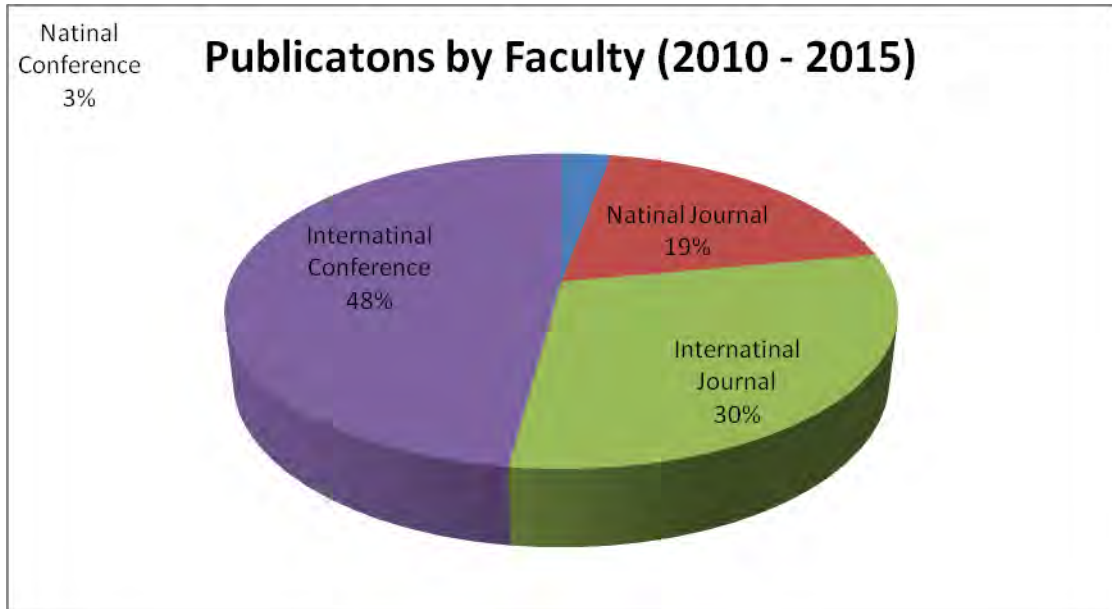
- Competing with new and advance technology.
- Placement in core companies
- Competition from other colleges and university.

36. Road Ahead and future plans.

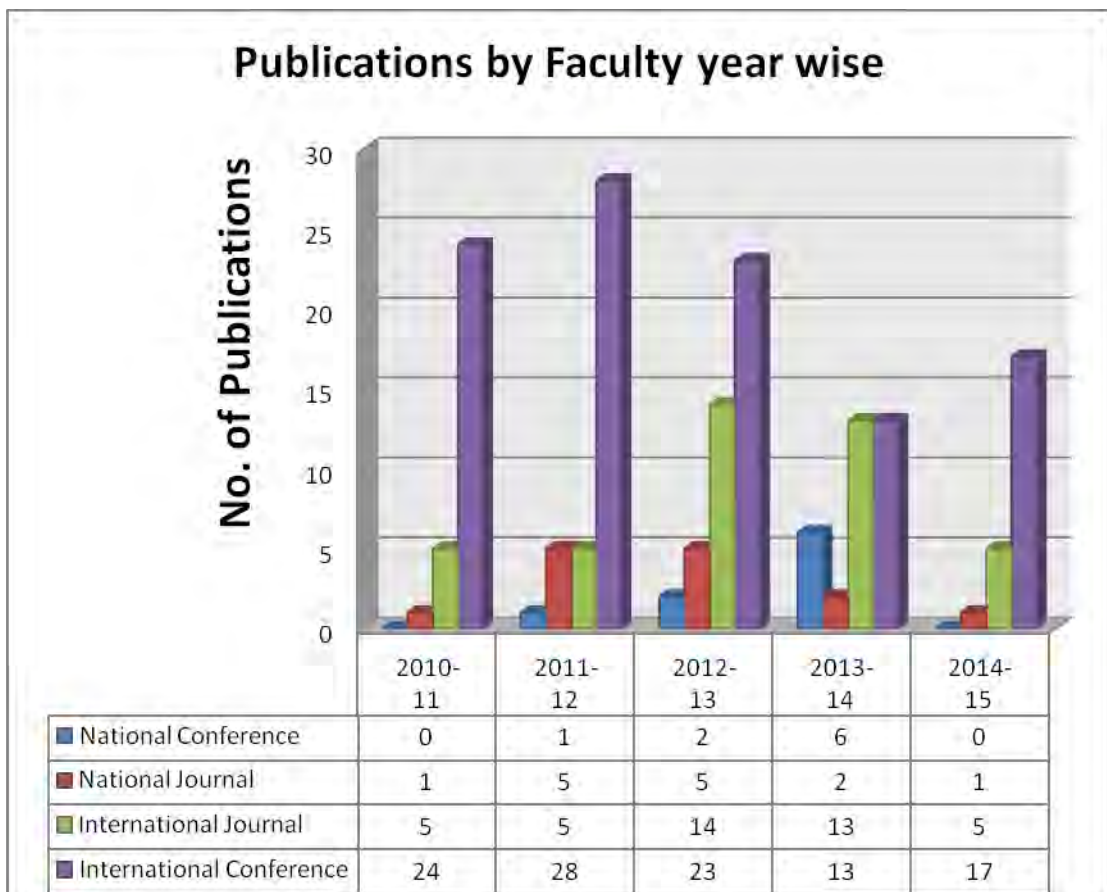
- To strengthen the department in areas like Communication Engineering, Embedded System, Image Processing.
- To carry out more quality improvement program (QIP) in the department.
- To start Virtual Laboratory Projects.
- The numbers of faculty members with Ph.D. degree are to be increased.
- To equip all laboratories with advanced/sophisticated equipment.
- Setting up of PhD Research Centre of UoM.

Graphical representation of the data

1. Total Publications by Faculty



2. Publications by Faculty year wise

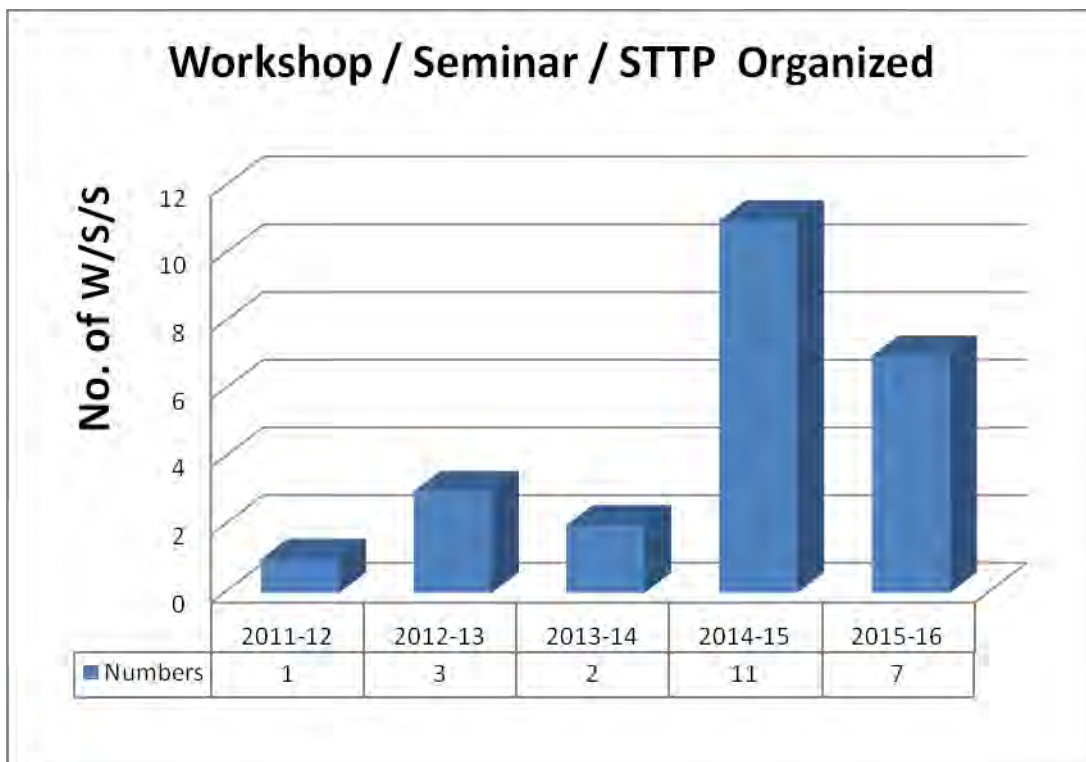




3. Workshop / Seminar / STTP Attended

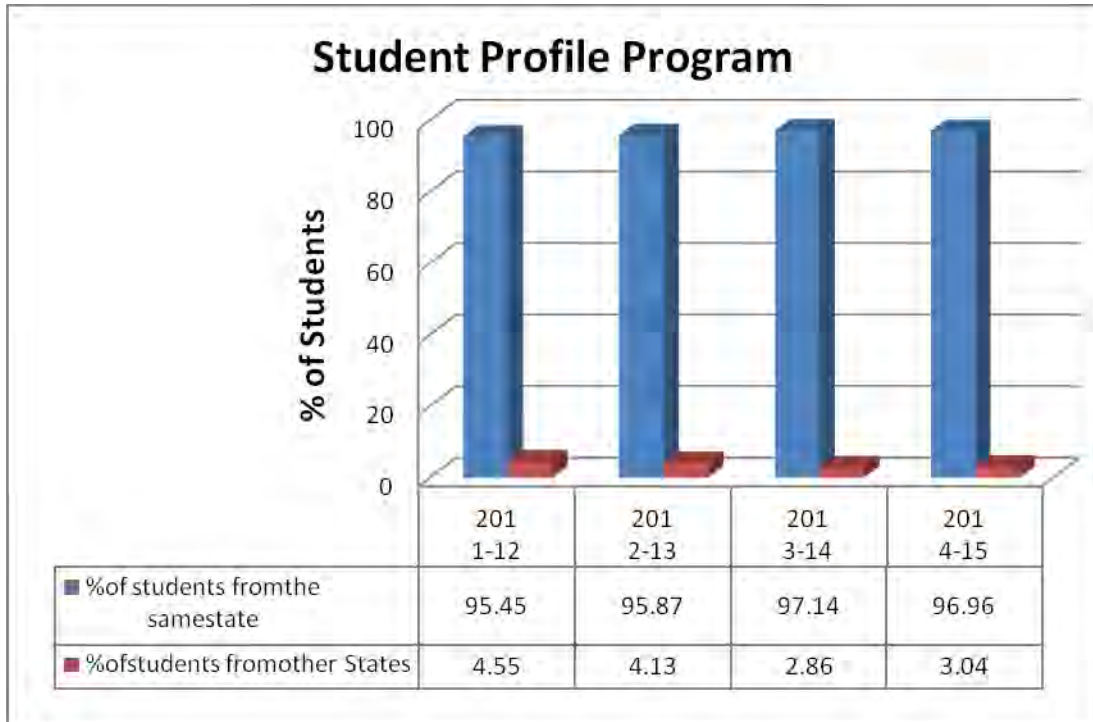


4. Workshop / Seminar / STTP Organized

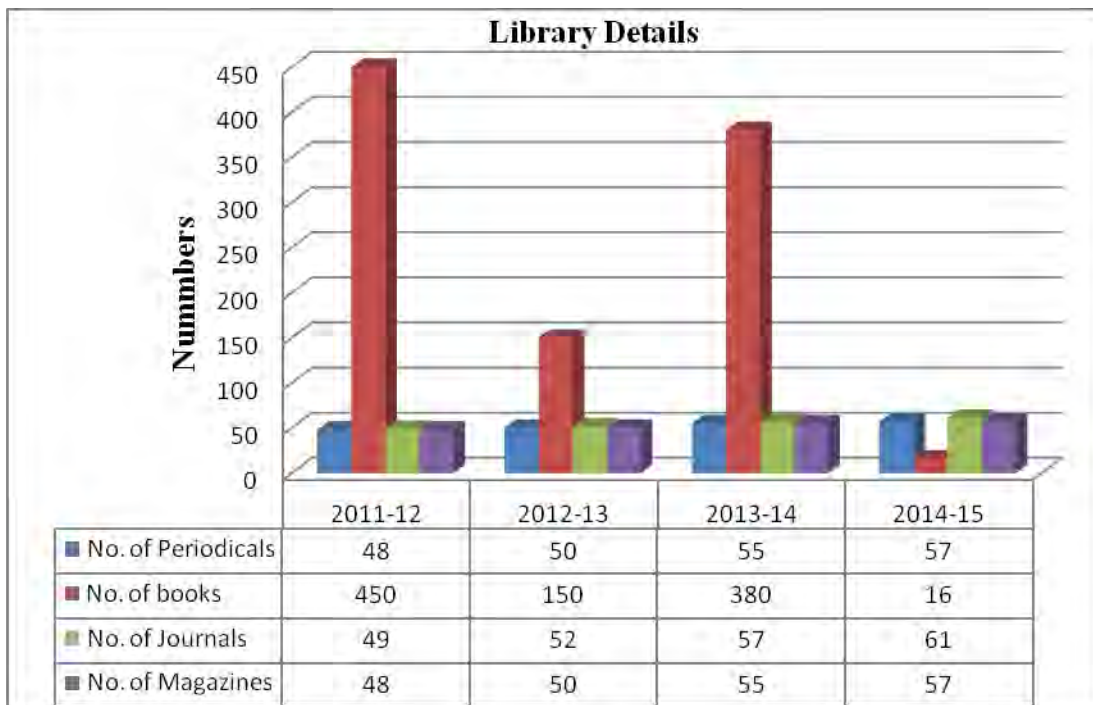




5. Student Profile Program

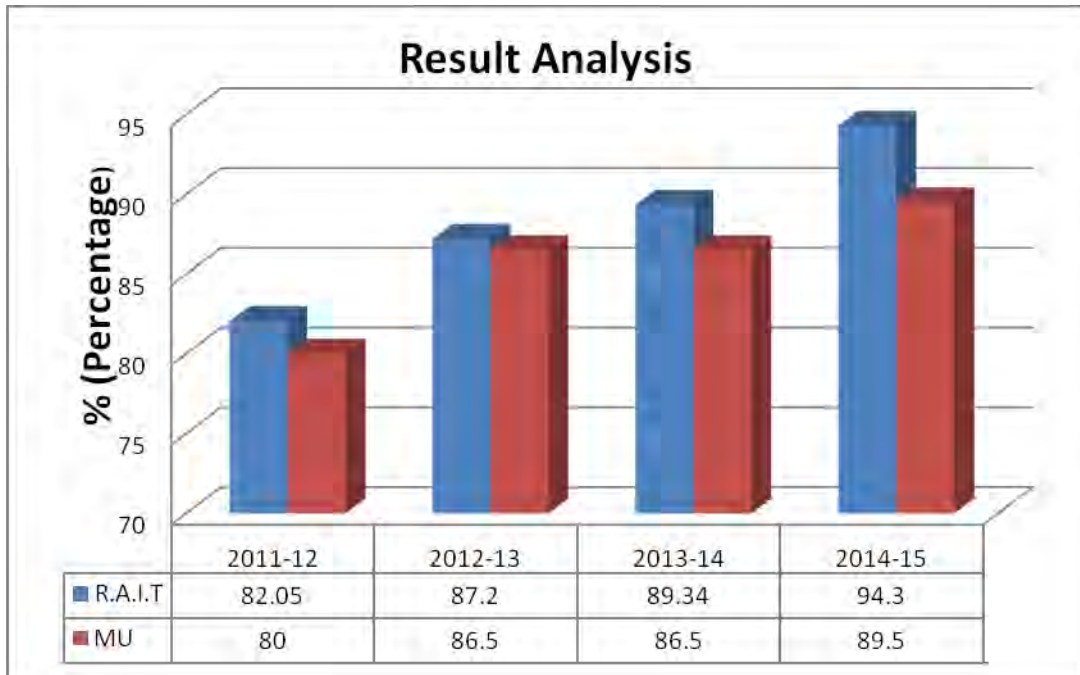


6. Library





7. Result Analysis



8. No. of Faculty Members

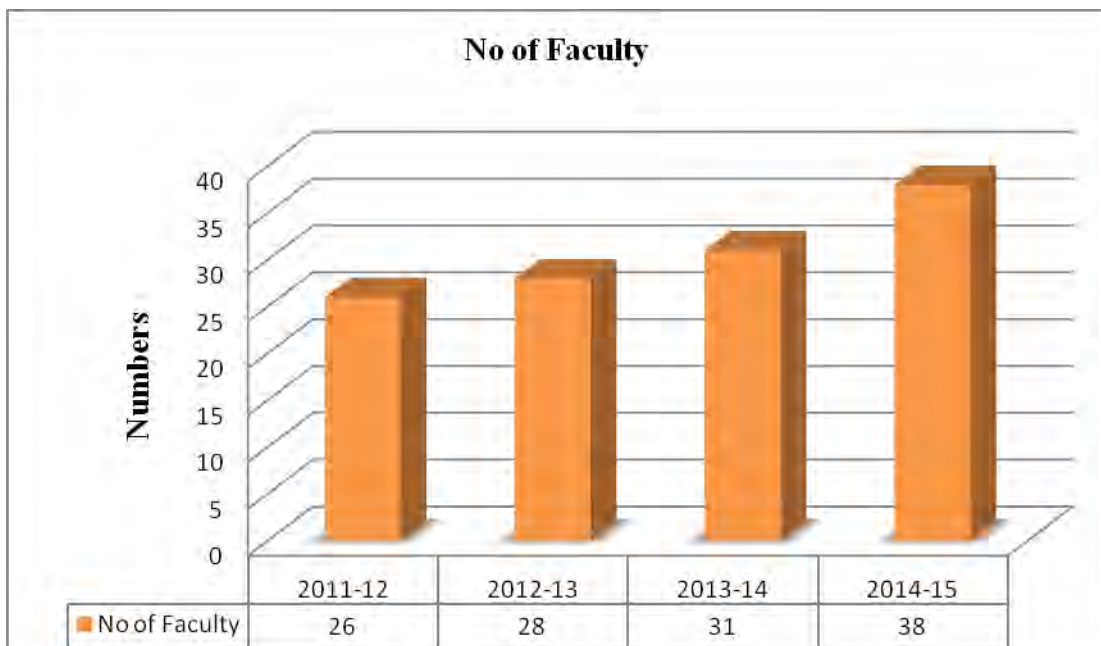




Photo Gallery:





Instrumentation Engineering Department



D Y PATIL
— RAMRAO ADIK
INSTITUTE OF
— TECHNOLOGY

NAVI MUMBAI



Evaluative Report of the Instrumentation Engineering Department

1. **Name of the department** : Instrumentation Engineering
2. **Year of Establishment** : 1998
3. **Names of Programme/Courses offered** : B.E. Instrumentation Engineering, (UG, PG, M. Phil., Ph.D. Integrated : M.E. Instrumentation Engineering Masters, Integrated Ph.D., etc.)
4. **Names of Interdisciplinary courses and the departments / units Involved:**

Sr. No.	Name of Department	Subjects
1.	Computer Engineering	Structural Programming Approach
		Object Oriented Programming & Methodology
2.	Engineering Science	Environmental Studies
		Applied Mathematics III & IV
		Business Communication and Ethics
3.	Electronics Engineering	Power Electronics & Drives
		Communication Systems

5. **Annual/ semester/choice based credit system (Programme wise)**

Sr. No.	Programme of the Department	Credit System
1.	Bachelor of Engineering Instrumentation Engineering	<ul style="list-style-type: none"> • Semester-wise credit based grade system (CBGS) effect from 2012-2013 by University of Mumbai. • Annual based results are declared although semester based examination system is in place as prescribed by University of Mumbai.
2.	Master of Engineering Instrumentation Engineering	<ul style="list-style-type: none"> • Semester wise credit based grade system (CBGS) effect from 2012-2013 by University of Mumbai.



6. Participation of the department in the courses offered by other Departments:

Sr. No.	Name of the Department	Name of the Subject
1.	Electronics Engineering	Instrumentation Systems
		Elements of Measurement & Instrumentation
		Principles of Control Systems
		Mechatronics
		Robotics
2.	Engineering Science	Basics of Electronics and Electrical Engineering
		Structural Programming Approach
3.	Electronics and Telecommunication Engineering	Control System Engineering

7. Courses in collaboration with other universities, industries, foreign institutions etc.:

Sr. No.	Name of Industries/University	Course
1.	Sitrain Siemens India Ltd., Navi Mumbai	Basic Automation - PLC and SCADA
2.	Yokogawa India Ltd., Bangalore	Yokogawa DCS
3.	National Instruments (India), Bangalore	NI Hardware and LABVIEW software
4.	IIT, IISC (through NPTEL)	e-course on Control Systems and Power Electronics

8. Details of courses/ programs discontinued (if any) with reasons:
NIL



9. Number of teaching posts:

Sr. No.	Teaching Posts	Sanctioned	Filled
1.	Professors	03	01
2.	Associate Professors	08	26(Filled for Associate and Assistant Professors / Lecturers.)
3.	Assistant Professors/ Lecturers	16	

10. Faculty profile with name, qualification, designation specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.) :

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of ME/ PhD Students Guided/ guiding for the last 4 years
1.	Prof. Siuli Das	B.Tech, PhD (Instrumentation)	Professor	Instrumentation	18	03
2.	Mr. Sharad P. Jadhav	B.E., M.E. (Instrumentation) Ph.D(Pursuing) (Process Control)	Asst. Professor & HOD	Instrumentation	13	22
3.	Mr. Shirish S. Kulkarni	B.E., M.E. (Instrumentation) PhD(Pursuing) (Electrical)	Asst. Professor	Instrumentation	25	05
4.	Mrs. Gargi S. Phadke	B.E., M.E. (Instrumentation) PhD(Pursuing) Electrical	Asst. Professor	Instrumentation	12	12
5.	Mrs. Shamal S. Salunkhe	B.E., M.E. (Instrumentation & Control)	Asst. Professor	Instrumentation	9	01



6.	Mrs. Shital N. Patil	B.E. (Instrumentation), M.E. (Electronics)	Asst. Professor	Biomed ical Instrum entation	8	10
7.	Mrs. Ragini M. Gaikwad	B.E. (Instrumentation) M.E. (Instrumentation and Control)	Asst. Professor	Instrum entation	7	-
8.	Mrs. Diptee S. Patil	B.E. (Instrumentation) M.E.	Asst. Professor	Instrum entation	8	-
9.	Mrs. Poonam S. Waje	B.E., M.E. (Instrumentation and Control) PhD(Pursuing) Chemical	Asst. Professor	Instrum entation	6	01
10.	Mr. Vivek P. Khalane	B.E. (Instrumentation) M.Tech (Instrumentation) PhD (Pursuing)	Asst. Professor	Instrum entation	10	01
11.	Mr. Mahesh N. Parihar	B.E. (Instrumentation) M.E. (Electronics)	Asst. Professor	Instrum entation	14	07
12.	Mr. Ramakant S. Patil	B.E., M.E. (Instrumentation and Control)	Asst. Professor	Instrum entation	17	-
13.	Mr. Prashant A. Bansode	B.E., M.Tech (Instrumentation and Control) PhD(Pursuing)	Asst. Professor	Instrum entation	01	-
14.	Mrs. Suvarna M. Mahale	B.E., M.Tech (Instrumentation in Computerised Control)	Asst. Professor	Instrum entation	3.5	-
15.	Mrs. Hemlata Y. Nawale	B.E. (Instrumentation) ME (Electronics)	Asst. Professor	Instrum entation	06	-
16.	Mrs. Sarika U. Oundhakar	B.E. (Instrumentation) M.Tech (Process Instrumentation)	Asst. Professor	Instrum entation	04	-



17.	Mr. Bhavesh Digey	B.E. (Biomedical) M.E. (Instrumentation)	Asst. Professor	Biomed ical Image Process ing	04	-
18.	Mr. Vivek Kadam	B.E. (Instrumentation and Control) M.E. (Instrumentation)	Asst. Professor	Instrum entation	04	-
19.	Ms. Sarika Kadam	B.E. (Instrumentation and Control) M.E. (Instrumentation)	Asst. Professor	Instrum entation	03	-
20.	Mr. Sangram Jadhav	B.E. (Instrumentation and Control) M.E. (Instrumentation)	Asst. Professor	Instrum entation	02	-
21.	Mrs. Bhawana Garg	B.E. (Electronic Instrumentation and Control) M.Tech (Instrumentation), Ph.D(Pursuing)	Asst. Professor	Instrum entation	11	01
22.	Mrs. Aparajita Singh	B.Tech. (Electronics and Instrumentation) M.Tech. (Instrumentation)	Asst. Professor	Instrum entation	06 Months	-
23.	Ms. Puja Ambavane	B.E. (Instrumentation), M.Tech. (Instrumentation and Control)	Asst. Professor	Instrum entation	02 Months	-
24.	Prof. Amit Karande	B.E. (Instrumentation) M.Tech. (System modeling and Control)	Asst. Professor	Instrum entation	03 Months	-



25.	Mr. Akshay Mane	B.E., M.E. (Instrumentation) (Pursuing)	Lecturer	Instrum entation	03 Months	-
26.	Ms. Shweta Khanvilkar	B.E. (Instrumentation) M.E. (Electronics) (Pursuing)	Lecturer	Instrum entation	03 Months	-
27.	Ms. Minakshi Waghulde	B.E., M.E. (Instrumentation) (Pursuing)	Lecturer	Instrum entation	03 Months	-

11. List of senior visiting / expert faculty:

Sr. No.	Name of the faculty	Post	Organization
1.	Prof. Dr. P.S.V. Nataraj	Professor	System & Control, IIT Bombay
2.	Prof. Dr. Sharad Bhartiya	Professor	Department of Chemical Engineering, IIT Bombay
3.	Prof. Dr. L.M. Waghmare	Director	S.G.G.S. IET, Nanded
4.	Mr. Rajesh Shah	Director	M/s Nice Consultancy
5.	Mr. A.B. Agnihotri	Vice President	M/s Anita Automation, Rabale
6.	Mr. H.K. Kadam	HR-Manager	Rashtriya Chemical & Fertilizers, Chembur
7.	Mr. Ravindra Shete	General Manager	L&T Automation, Mahape
8.	Mr. Rajendra Mogal	Assistant General Manager	Kohinoor C.T.N.L., Dadar
9.	Mr. Gautam V.	Project Manager	Knowcross India, Delhi
10.	Mr. Anand V.	Project Manager	Tata Motors, Pune
11.	Mr. Sameer Phadke	Sr. Electrical Engineer	United Fertilizers Ltd
12.	Mr. Vivek Koshti	Design Engineer	Jacobs International, CBD Belapur
13.	Mr. Rajesh Sampat	Sr. Engineer	Larsen and Toubro - Control & Automation



12. Percentage of lectures delivered and practical classes handle (programme wise) by temporary faculty:

All lectures are conducted by regular faculties of the department.

13. Student-Teacher Ratio (Programme wise):

Programme	Student -Teacher Ratio
UG	15:1
PG	6:1

14. Number of academic support staff (technical) and administrative staff , Sanctioned and filled:

Name of Post	Sanctioned	Filled
Administrative Staff	01	01
Technical Staff	04	04

15. Qualifications of teaching faculty with D.Sc / D.Litt / Ph.D / MPhil /PG:

Sr. No.	Qualification	Total
1.	Ph.D.	01
2.	M.E./ M. Tech	24
3.	B.E., M.E. (Pursuing)	03

16. Number of faculty with ongoing projects from National/International /other funding agencies and grants received:

a. National

Sr. No.	Name of Faculty	Title of project	Funding Source	Year	Sanctioned Amount (Rs)
1.	Prof. Siuli Das	Development of Constant Phase Element (CPE) Based Sensor For Detecting Adulterated Milk	R&D funds from Principal, Ramrao Adik Institute of Technology	2014-15	55,000
2.	Mr. Sharad P. Jadhav	LabVIEW based MPC for laboratory base setup	University of Mumbai	2014-15	35,000



		LabVIEW based design and development of PI controller for dynamic level control of tank	R&D funds from Principal, Ramrao Adik Institute of Technology,		50,000
		Universal Remote using Arduino Python server	ISA(Ramrao Adik Institute of Technology)		5,000
		Internet of things for Multidisciplinary automation	ISA (Ramrao Adik Institute of Technology)		5,000
		Design of Smith Predictor controller for Thermal chamber	R&D funds from Principal, RAIT	2013-14	40,000
		PID based Level Control	R&D funds from Principal, RAIT		14,000
		Temperature and Pressure Control of boiler using ON-OFF Controller	ISA RAIT		8,000
3.	Mr. Shirish S. Kulkarni	Image Processing based Automatic Coin Sorting	ISA, Ramrao Adik Institute of Technology	2013-14	5,000
4.	Mr. Mahesh N. Parihar	Design & Development of low cost heart throbbing activity monitoring systems	Dr. D Y Patil Medical Research Centre, Navi-Mumbai	2014-15	20,000
		Robotics based simultaneous localization & mapping	ISA, Ramrao Adik Institute of Technology		5,000



		Design & Simulation of Mapping & Localization of unknown environment using Robotics	President RAES	2013-14	20,000
		Design & development of wireless control of chemical batch process using ARM	R & D funds from Principal, RAIT	2013-14	25,000
5.	Mrs. Gargi Phadke	Home Automation Systems using Raspberry- Pi	President RAES	2014-15	15,000

b. International : NIL

17. Departmental projects funded by AICTE, DST-FIST, UGC, DBT, ICSSR, University etc. and total grants received:

Sr. No.	Name of the Faculty	Details of the project/work	Funding Agency	Year (duration)	Amount Sanctioned
1.	Mr. Sharad P. Jadhav, Mr. Mahesh N. Parihar	Design and Development of Robotics based system for localization and mapping of unknown environment using advanced statistical Algorithms	University of Mumbai	2015-16	Submitted
2.	Dr. Ramesh Vasappanavara, Mr. Sharad P. Jadhav	Mobile Air Pollution Monitoring System.	University of Mumbai	2015-16	Submitted



3.	Mr. Shirish S. Kulkarani, Mrs. Gargi S. Phadke	Visual Tracking via Online Non-negative Matrix Factorization	University of Mumbai	2015-16	Submitted
4.	Mrs. Gargi S. Phadke, Prof. Siuli Das	Design and Development of constant phase element (CPE) based sensors to detect Fruit Juice Adulteration	University of Mumbai	2015-16	Submitted
5.	Mr. Sharad P. Jadhav	LabVIEW based MPC for laboratory base setup	University of Mumbai	2014-15	35,000
6.	Mr. Sharad P. Jadhav, Mr. Mahesh N. Parihar	Up gradation of multi loop process kit to enhance experimental and in house R&D facility	MODROB AICTE	2013-14	10,75,000
7.	Dr. Ramesh Vasappanavara, Mr. Sharad P. Jadhav	Remote performance monitoring of parameters of Bio-CNG automobile with indigenous sensors and open source software.	RPS- AICTE	2013-14	14,00,00

18. Research Centre / facility recognized by the University

Yes, applied for research center recognition under University of Mumbai.
Local inspection is done and final letter awaited.



19. Publications of Faculty:

a. Number of papers published in peer reviewed journals (national / International) by faculty and students-

Total- Conferences: 85, Journals: 23

Sr. No.	Name of the faculty	Conference		Journal		Total no. of Publications
		International	National	International	National	
1.	Prof. Siuli Das	08	02	04		14
2.	Mr. Sharad P. Jadhav	17	05	07	01	30
3.	Mr. Shrirsh S. Kulkarni	01	03			4
4.	Mrs. Gargi S. Phadke	10	02	01		13
5.	Mrs. Shamal S. Salunkhe	01		01		2
6.	Mrs. Shital N. Patil	04				4
7.	Mrs. Bhawana Garg	02		01		3
8.	Mrs. Ragini M. Gaikwad	01				1
9.	Ms. Diptee S. Patil	01	02			3
10.	Mrs. Poonam S. Waje	01	02	01		4
11.	Mr. Vivek P. Khalane		01	01		2
12.	Mr. Mahesh N. Parihar	06		01		7
13.	Mr. Ramakant S. Patil	01				1
14.	Mr. Prashant A. Bansode	01		02		3



15.	Mrs. Suvarna M. Mahale	02				2
16.	Mrs. Hemlata Y. Nawale	02	01			3
17.	Mrs. Sarika U. Oundhakar		01	01		2
18.	Mrs. Puja Ambavane	01				1
19.	Mr. Bhavesh Digey		01			1
20.	Mr. Vivek Kadam	01		01		2
21.	Ms. Sarika Kadam	02				2
22.	Mr. Sangram Jadhav	02		01		3
23.	Mr. Akshay Mane	01				1

b. Number of publications listed in International Database (For e.g: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc):

Sr. No.	Name of the faculty	Publications
1.	Prof. Siuli Das	08
2.	Mr. Sharad P. Jadhav	13
3.	Mr. Shrirsh S. Kulkarni	02
4.	Mrs. Gargi S. Phadke	03
5.	Mrs. Ragini M. Gaikwad	01
6.	Mrs. Poonam S. Waje	03
7.	Mr. Mahesh N. Parihar	08
8.	Ms. Diptee S. Patil	02
8.	Mr. Bhavesh Digey	01
9.	Mr. Vivek Kadam	02
10.	Mr. Sangram Jadhav	01



c. Books Written/Edited:

Sr. No.	Name of faculty	Book Name	Publisher	Year
1.	Mrs. Gargi S. Phadke	Control System Design	Vipul Prakashan	2012 Rev.
2.	Mr. Shirish Kulkarni	Instrumentation & Control	Everest Publication	2000

20. Areas of consultancy and income generated:

Sr. No.	Name of Faculty	Consultancy Work	Duration	Income Generated
1.	Mr. Sharad P Jadhav Mr. Shirish Kulkarni	Research Trends in Controls and Signal Processing (RTCSP)	2015-16	50000/-
2.	Mr. Ramakant Patil Mr. Prashant Bansode Mr. Bhavesh Digey	Embedded Systems with Application to Instrumentation & Control	2014-15	10000/-
3.	Mr. Sharad P. Jadhav Mr. S. S. Kulkarni Mr. Sangram Jadhav	Basics of MATLAB & its Applications	2013-14	15000/-
		MATLAB & Simulink Fundamentals & Applications	2013-14	18000/-
		LabView Software & NI ELVIS hardware	2013-14	5000/-
		Two day's workshop on Process control with MATLAB	2013-14	5000/-
		Basics of MATLAB & its Applications	2012-13	16000/-
		MATLAB & Simulink Fundamentals & Applications	2012-13	20000/-



21. Faculty as members in
a. National committees/Boards

Sr. No.	Name of Faculty	National Committee	Designation
1.	Prof. Siuli Das	Chairman of various subjects, University of Mumbai.	Chairman
2.	Mr. Sharad P. Jadhav	Faculty Adviser ISA-RAIT	Member
		Chairman of various subjects, University of Mumbai.	Chairman
		ISTE (Life member)	Member
3.	Mr. Shirish S. Kulkarni	ISTE (Life member)	Member
		Chairman of various subjects, University of Mumbai.	Chairman
4.	Mrs. Gargi Phadke	Chairman of various subjects, University of Mumbai.	Chairman
5.	Mr. Ramakant S. Patil	ISTE (Life member)	Member
		Chairman of various subjects, University of Mumbai.	Chairman
6.	Mrs. Shital N. Patil	Chairman of various subjects, University of Mumbai.	Chairman
7.	Mrs. Shamal S. Salunkhe	Member of various subjects, University of Mumbai.	Member
8.	Mrs. Ragini Gaikwad	Member of various subjects, University of Mumbai.	Member
9.	Ms. Diptee S. Patil	Member of various subjects, University of Mumbai.	Member
10.	Mrs. Bhawana Garg	ISA	Member

b. International committees/conferences/Boards :

Sr. No.	Name of Faculty	International Committee	Designation
1.	Prof. Siuli Das	IEEE	Member

c. Editorial Boards/Reviewer:

Sr. No.	Name of Faculty	Editorial Board	Designation
1.	Prof. Siuli Das	Springer Reviewer	Reviewer
2.	Mr. Sharad P. Jadhav	ISA Transaction (Elsevier Journal)	Reviewer
		IEEE Conference (ICIC, ICC)	
3.	Mrs. Gargi Phadke	IJCA, IEEE Conference	Reviewer



d. Student Projects:

- a. Percentage of students who have done in-house projects including interdepartmental/programme:
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:

Year	UG		PG	
	Inhouse (%)	Outhouse (%)	Inhouse (%)	Outhouse (%)
2010-11	20	80	-	-
2011-12	70	30	-	-
2012-13	80	20	-	-
2013-14	100	0	100	0
2014-15	100	0	100	0

e. Awards / Recognitions received by Faculty/students:

a. Awards / Recognitions received by Faculty:

Sr. No.	Name	Award	Year
1.	Dr. Siuli Das	Excellence in Research Paper in ICEEE , Pune	2014
2.	Mr. Sharad Jadhav	Excellence in Research Paper Presentation award by R&D, RAIT.	2014
		Paper Presentation award by R&D,RAIT	2013
		Star Performance award by R&D, RAIT.	2012
3.	Mr. Shirish Kulkarni	Favorite teacher award by SUC ,RAIT	2014
		Favorite teacher award by SUC ,RAIT	2012
4.	Mrs. Gargi S. Phadke	State level 6 th rank in Project competition "Avishkar"	2015
		Paper Presentation award by R&D,RAIT	2013
		Paper Presentation award by R&D, RAIT.	2012
		3 rd Rank in B.E. (Instrumentation), BAMU, Aurangabad	2001
5.	Mr. M. N. Parihar	Appreciation prize for project by Srijan a state level project competition held at Nashik	2015
6.	Mrs. Shamal Salunkhe	Excellence in Research Paper Presentation award by R&D, RAIT.	2012
7.	Ms. Diptee Patil	Favorite teacher award by SUC, RAIT.	2013
8.	Mrs. Poonam Waje	Paper Presentation award by R&D,RAIT	2013



b. Awards / Recognitions received by Student:

i. Academic achievements:

Sr. No.	Name	Award	Year
1.	Amrit Kaur Bhatia & Avishkar Misal	National level IEEE project competition held at Vartak College of Engineering, Vasai	2015
2.	Suraj Sharma and Pranjli Chaudhary	Appreciation prize for project by Srijan a state level project competition held at Nashik	2015
3.	Adiya Patki & Omkar Malawade	Technical Quiz Competition organized at BVCOE, Navi Mumbai	2015
4.	Gupte Shamika	University Rank 3, RAIT Rank 1	2015
5.	Komal Lawand(PG)	RAIT Rank 1	2015
6.	Suraj Sharma and Pranjli Chaudhary,	Texas Instruments University Program for Projects	2014
7.	Belapurkar Rohit	University Rank 1, RAIT Rank 1	2014
8.	Dutta Rupam	University Rank 2, RAIT Rank 2	2014
9.	Gokhale Adwait	University Rank 5, RAIT Rank 5	2014
10.	Singh Neha	University Rank 3, RAIT Rank 1	2013
11.	Suraj Sharma, Sujay Mondal	Best Technical Paper on Emerging Technologies in safety & security by ISA Exbuzz Fire & Service Ltd.	2014
12.	Mukhopadhyay Arunita	University Rank 5,RAIT Rank 2	2013
13.	Arti Dhvale	University Rank 7, RAIT Rank 3	2013
14.	Vijay Subramanyam P	University Rank 15,RAIT Rank 1	2012
15.	Shanbagh Apoorva V	University Rank 14, RAIT Rank 1	2011

ii. Cultural Achievements

Sr. No.	Name	Activity	Award	Year
1.	Siddhesh Takale	Skit and Meme.	1 st prize: 1. Mithibai College	2014-15
2.	Swanand Karandikar	Skit and Meme.	1 st prize in Fr. Agnel College	2014-15
3.	Girish Kulkarni	Meme	1st Consolation prize at Mumbai University Youth Fest'	2014-15
4.	Roopak Naigaonkar	Non percussion	Classical instrumental 1 st prize at Mumbai University Youth Fest' 14-15	2014-15
5.	Atul Rokade	Skit	1 st prize in Bharud Marathi Skit	2013-14



iii. Sport Achievements

Sr. No.	Name	Award	Year
1.	Aditya Jairaj	D.Y. Patil Stamina Sports Competition, 1 st Winner In Swimming	2013-14
2.	Vipul Dalvi	BITS Pilani Sports Competition In Table Tennis	2013-14
3.	Siddhesh Takale	Kho-Kho	2013-14
4.	Abhishek Sakpal	Football	2014-15

f. List of eminent academicians and scientists/visitors to the department:

Sr. No.	Name of the academicians and scientists	Year	Specialization	Organization
1.	Mr. A.B. Agnihotri	2014	Control & Automation	M/s Anita Automation
2.	Mr. Rajesh Shah	2013,2014	I&C Engineering Design	M/s Nice Consultancy
3.	Mr. Vivek Koshti	2013	Software based Control Systems	Jacobs International
4.	Mr. Anand V	2013	Control and Automation	Tata Motors, Bengaluru
5.	Mr. Rajendra Mogal	2013	Process Design	Kohinoor C.T.N.L.
6.	Mr. Sameer Phadke	2012	Batch Process Automation	United Fertilizers Ltd
8.	Prof. Dr. Sharad Bhartiya	2012	Control and Automation	IIT Bombay
9.	Prof. Dr. P.S.V. Natraj	2012	Control and Optimization	IIT Bombay
10.	Prof. Dr. L.M. Waghmare	2012	Intelligent Control	S.G.G.S., Nanded
11.	Mr. H.K. Kadam	2011	Control & Instrumentation	Rashtriya Chemical & Fertilizers
12.	Mr. Ravindra Shete	2011	Control & Automation	L&T Automation



g. Seminars/Conferences/Workshops organized & the source of funding:

a. Name & details of Seminar conducted by the department:

Sr. No.	Name of seminar	Name of Expert	Source of Funding	Amount	Duration	Year
1.	Concepts in I&C Engineering Design	Mr. Vivek Koshti	R&D funds from Principal RAIT	3000	1Day	2014-15
2.	Hardware of LabVIEW My RIO	Mr. S. Agrawal	R&D funds from Principal RAIT	2000	1 day	2014-15
3.	Scope of Instrumentation	Mr. Rajesh Shah	R&D funds from Principal RAIT	2000	1 Day	2013-14
4.	Trends in Industrial Data Communication	Mr. Udayan Mankar	R&D funds from Principal RAIT	2000	1 Day	2013-14
5.	Scientific Report Writing using Latex for BE students	Mr. Bhavesh Digey	ISA-RAIT	1500/-	1 Day	2013-14
6.	Opportunities in Instrumentation Engg.	Mr. M. N. Parihar	ISA-RAIT	1500/-	1 Day	2013-14
7.	Scientific Report Writing using Latex for BE students	Mrs. Sheetal Patil	ISA-RAIT	1500/-	1 Day	2012-13
8.	Application of batch process automation	Mr. Sameer Phadke	R&D funds from Principal RAIT	2000	1 Day	2012-13
9.	Engineering Design for I&C	Mr. Rajesh Shah	R&D funds from Principal RAIT	2000	1 Day	2012-13
10.	Basic & Detailed Engineering					
11	Basics of Control Valves	Mr. Sushil Mahajan	ISA-RAIT	2000/-	1 Day	2010-11



b. Name & details of workshop conducted by the department:

Sr. No.	Name of Workshop	Organizing Agency / Expert/ Speaker	Source of Funding	Amount in Rupees	Duration	Year
1.	Research Trends in Control and Signal Processing	Instrumentation Department, R.A.I.T	RAIT, ISA-RAIT	240000/-	3 Day	2015
2.	Yokogawa DCS	Yokogawa, Bangalore	ISA,RAIT	150000/-	3Day	2015
3.	Siemens Training on "Basic Automation" PLC & SCADA	Siemens, Navi Mumbai	President RAES & ISA-RAIT	230000/-	5Day	2013-14
4.	Project Exhibition & Competition on Signal Conditioning	RAIT, Navi Mumbai	ISA-RAIT	16500/-	1 day	2013-14
5.	MATLAB & Simulink Fundamentals & Applications	RAIT, Navi Mumbai	President RAES	28000/-	3 days	2013-14
6.	Embedded Systems with application to Instrumentation & Control	RAIT, Navi Mumbai	ISA-RAIT	12000/-	2 days	2013-14
7.	Basics of MATLAB & its Applications	RAIT, Navi Mumbai	President RAES	24000/-	3 days	2013-14
8.	Project Exhibition & Competition on Signal Conditioning	RAIT, Navi Mumbai	ISA-RAIT	17000/-	1 day	2012-13
9.	Lab View Software & NI ELVIS hardware	RAIT, Navi Mumbai	ISA-RAIT	15000/-	3 days	2012-13
10.	Siemens Hands on Training on PLC & SCADA	Siemens, Navi Mumbai	ISA-RAIT	150000/-	5 days	2012-13
11.	Basics of MATLAB & its Applications	RAIT, Navi Mumbai	President RAES	17000/-	3 days	2012-13
12.	MATLAB & Simulink	RAIT, Navi Mumbai	President RAES	26000/-	3 days	2013-14



	Fundamentals & Applications					
13.	Basics of MATLAB & its Applications	RAIT, Navi Mumbai	President RAES	27000/-	3 days	2012-13
14.	MATLAB & Simulink Fundamentals & Applications	RAIT, Navi Mumbai	President RAES	28000/-	3 days	2011-12
15.	Project Exhibition & Competition on Signal Conditioning	RAIT, Navi Mumbai	ISA-RAIT	16000/-	1 day	2010-11
16.	Project Exhibition & Competition on Signal Conditioning	RAIT, Navi Mumbai	ISA-RAIT	15000/-	1 day	2011-12
17.	Basics of MATLAB & its Applications	RAIT, Navi Mumbai	President RAES	25000/-	3 days	2011-12
18.	MATLAB & Simulink Fundamentals & Applications	RAIT, Navi Mumbai	President RAES	26000/-	3 days	2011-12

c. Details of workshops/ training programmes /sensitization programmes conducted/organized by department. Please give details of eminent researchers attended:

Sr. No.	Title of the Workshop/Training program	Year	Number of participants	Distinguished Speakers/Experts
1	Yokogawa DCS	2015	59	Experts from Siemens
2	MATLAB & Simulink Fundamentals & Applications	2015	35	Prof. Dr. M.D. Patil Prof. Dr. V. Vyavahare
3	Siemens Training on "Basic Automation" PLC & SCADA	2014	75	Experts from Siemens
4	Project Exhibition & Competition on Signal Conditioning	2014	150	Ms. Diptee Patil
5	Basics of MATLAB & its Applications	2014	44	Prof. Dr. M.D. Patil Prof. Dr. V. Vyavahare
6	Embedded Systems with	2014	25	Mr. Prashant Bansode



	Application to Instrumentation & Control			Mr. Bhavesh Digey
7	Project Exhibition & Competition on Signal Conditioning	2013	90	Ms. Diptee Patil
8	Lab View Software & NI ELVIS hardware	2013	30	Experts From NI
9	Siemens Hands On Training on PLC & SCADA	2013	70	Experts from Siemens
10	Basics of MATLAB & its Applications	2013	40	Prof. Dr. M. D. Patil Prof. Dr. V. Vyavahare
11	MATLAB & Simulink Fundamentals & Applications	2013	35	Prof. Dr. M. D. Patil Prof. Dr. V. Vyavahare
12	Basics of MATLAB & its Applications	2012	25	Prof. M.D. Patil
13	MATLAB & Simulink Fundamentals & Applications	2012	30	Prof. M. D. Patil
14	Project Exhibition & Competition on Signal Conditioning	2012	20	Ms. Diptee Patil
15	Project Exhibition & Competition on Signal Conditioning	2011	25	Ms. Diptee Patil
16	Industrial applications of MATLAB & Simulink	2011	25	Prof. M.D. Patil
17	Basics of MATLAB & its Applications	2011	20	Prof. M.D. Patil

d. Details of the expert lectures organized by department:

Sr. No.	Name of Expert	Title of the talk	Date
1	Mr. Vivek Koshti	Concepts in I&C Engineering Design	2015
2	Mr. S. Agrawal	Hardware of LabVIEW My RIO	2015
3	Mr. Rajesh Shah	Scope of Instrumentation	2014
4	Mr. Udayan Mankar	Trends in Industrial Data Communication	2014
5	Mr. Sameer Phadke	Application of batch process automation	2013
6	Mr. Rajesh Sampat	Control & Instrumentation Offerings in Thermal Power Plant	2013



7	Mr. Apurba Ratan Ghosh	Distributed Control Systems	2013
8	Mr. Rajesh Shah	Various opportunities and job profiles available in Instrumentation	2013
9	Mr. Rajesh Shah	Engineering Design for I&C	2013
10	Mr. Rajesh Shah	Basic & Detailed Engineering	2012
11	Mr. Sushil Mahajan	Basics of Control Valves	2011

h. Student profile programme/coursewise:

Year	Name of the Course	Selected (Admitted)	Enrolled		Pass Percentage (%)
			M	F	
2014-15	UG	92	70	22	90.66
	PG	08	04	04	62.50
2013-14	UG	78	49	29	87.17
	PG	16	04	12	70.50
2012-13	UG	85	62	23	69.31
	PG	18	12	06	80
2011-12	UG	92	73	18	91.80

*M=Male *F=Female

i. Diversity of Students:

Name of the Course	Year of Admission	Percentage of students from the same state	Percentage of students from other States	Percentage of students from abroad
UG	2014-2015	90	10	NA
	2013-2014	87.07	12.93	NA
	2012-2013	91.25	8.75	NA
	2011-2012	79	21	NA
PG	2014-2015	27.77	16.67	NA
	2013-2014	100	00	NA
	2012-2013	83.33	16.67	NA



- j. Students who have cleared national and state competitive examinations such as NET, SET, GATE, Civil services, Defense services, etc.

Sr. No.	Academic Year	GATE	GRE/GMAT	Defense SSB	CAT/CET
1	2014-2015	13	10	NA	04
2	2013-2014	12	42	02	10
3	2012-2013	09	08	02	07
4	2011-2012	06	03	00	04

- k. Student progression:

Student progression		Against percentage of students enrolled year wise			
		2011	2012	2013	2014
UG to PG		16.67	21.67	26.67	19.50
Employed	Campus selection	33.37	20	36.67	41.67
	Other than campus recruitment	63.34	76.67	58.34	55.67
Entrepreneurship/Self-employment		-	1.67	1.25	1.14

- l. Details of Infrastructural facilities

Sr. No.	Infrastructural Facility	Details of items	Numbers
1.	Central Library	1. No. of Titles	1047
		2. No. of Volumes	2710
		3. Journals	36
		4. Magazine/Periodicals	14
		5. CD's	150
		6. e – Journals	35
2.	Departmental Library	No. of Books	850
3.	Internet facility for staff and students	1.Computers/ Laptops internet facility	57
		2. Computers with	57
		3.Bandwidth	135 Mbps
4.	Classrooms with ICT facility	No of classrooms and ICT facility available	05
5.	Laboratories	No of laboratories with worth equipment's	10
		(Amount)	Rs. 72,76,827/-



31. Number of students receiving financial assistance from college, University, Government or other agencies:

Sr. No.	Category	No. Of Students	Amount	Year
1	SC,ST,OBC,SBC,NT,VJ	85	36,72,000	2011-12
	Minority	02	50,000	
	E.B.C. CONCESSION	15	4,91,250	
	Other	06	1,50,000	
2	SC,ST,OBC,SBC,NT,VJ	121	61,71,000	2012-13
	Minority	03	75,000	
	E.B.C. CONCESSION	09	3,08,475	
	Other	07	1,75,000	
	RAIT, University Rankers award	10	5,48,120	
3	SC,ST,OBC,SBC,NT,VJ	187	1,08,46,000	2013-14
	Minority	02	50,000	
	E.B.C. CONCESSION	16	6,18,784	
	Other	20	7,00,000	
	RAIT, University Rankers award	10	6,23,770	
4	SC,ST,OBC,SBC,NT,VJ	203	1,50,93,050	2014-15
	Minority	02	50,000	
	E.B.C. CONCESSION	38	16,50,036	
	Other	20	5,60,000	

32. Details on student enrichment programs (special lectures/ workshops /seminar) with external experts:

a) Wellness/ Special Lecture

Sr. No.	Name of External expert	Topic of talk	Year
1.	Sahaj Yoga Classes for TE students & faculties	Meditation	2015
2.	Mr. Mihir Mankad	Effective Public Speaking	2015
3.	Brahma Kumari Yoga Classes for SE students & faculties	Stress Management	2014
			2013
4.	Mr. Kumar	Awareness about banking products for students & staff	2014



33. Teaching methods adopted to improve student learning:

a. Teaching Innovations:

Sr. No.	Details of the Innovation	Description	Year of Implementation
1	Use of LCD Projector for Presentations	Tutor uses animated pictures and ppts for explaining the concepts more effectively	2010-11
2	Quizzing	For revision and finding weak students	
3	Competitions/project works/seminars	Provides tutor a platform to enhance student's practical skills, solving real time problems, presentation skills and to build competitive spirits in students.	2011-12
4	Internet / WiFi facility for online video streaming	It helps tutor to access the study contents available online such as NPTEL videos and other educational contents to clarify and deliver the topic in a better way.	
5	Use of Smart Board and recording facility.	Smart Board enables the tutor to explain the concepts intuitively as we do on a white board with added tools to draw figures, to invoke images, videos, to record the written content on the board for later use.	2012-13
6	Use of Podium with mike and speaker for audio presentations	Tutor uses mike to increase audibility and also to play audio and video clips for the entire class.	2013-14
7	Virtual class room through Webinar	Enables the tutor to attend the workshops/ Lectures remotely and exchange the thoughts. Tutor's lectures and presentations are also recorded and made available through Webinar for repeat hearing, etc.	2014-15



b. Innovations and best practices in learning process

Learning Innovations:

Sr. No.	Details of the innovation	Description	Year of Execution
1.	Group Discussions	To share the knowledge, to develop group communication skills.	2010-2011
2.	Quizzing	Spontaneous answering and thinking skills.	
3.	Assignments/Tutorials	Problem solving and case study handling skills. Expose to variety of problems including GATE level.	
4.	Internet	To learn from experts across the globe such as NPTEL videos and other educational contents from reputed professors.	2011-12
5.	Presentations	Students learn well planned presentation skills to prepare and present	
6.	Projects (for Life Long Learning)	Students can work on real time or research oriented projects and learn the methodology of analyzing, designing, implementing, testing and validating skills. The research oriented projects enhance specific domain knowledge and give a path for continuous learning with passion.	
7.	Seminars and expert lectures	To get the knowledge about the advancements happening in various Technological fields and the approaches followed by individuals	2012-13
8.	Internships	To get practical knowledge and industrial exposure	
9.	Organizing Technical Events	To add leadership qualities, group management skills and to improve self confidence and personality	
10.	Hands on Workshops for practical-oriented subjects	To acquire the skills required for bridging industry expectations.	
11.	Competitive activities to enhance programming skills	To test and showcase their knowledge of coding	2013-14
12.	Project Competitions	To justify the worthiness of the project for practical use.	
13.	Virtual class room through Webinar	To interact with remote talents and to acquire knowledge in specific domains.	
14.	Involvement in SciTech Exhibition	To learn to map the technology to our day today life and to project the technical things in a non-technical way so that a common man will understand the use of technology.	2014-15



34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Sr. No.	Activity	Year
1.	Teaching childrens of Girija Balgruha.	2014-15
2.	Sponsoring Children from World Vision.	
3.	Joy fest for Children of Girija Balgruha with various fun events, food and sports.	
4.	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.	
5.	Alleviating Trouble- by gifting Mixer Grinder to Anand Ashram Old Age.	
6.	Alleviating Trouble- by gifting Water Heater to Girija Balgruha.	
7.	Sponsoring Orphans' School Admission fees.	
8.	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.	
9.	Christmas Celebration at Girija Balgruha.	
10.	Campus Vist of children of Girija Balgruha during Tech fest,- Children participated in some events, viewed some technical events, played sports, interacted with Alumni, Principal of RAIT and Faculty.	
11.	The Colors of Holi – Celebrated Holi with the residents of Anand Ashram.	2013-14
12.	Street Play on Woman's rights at RAIT campus, Nerul Station, Vashi Station and Panvel Station.	
13.	Donation of Computers – for Girija Balgruha.	
14.	Plastic-free society awareness drive through campus.	
15.	Workshop for self-defense of women.	2012-13
16.	Traffic signal campaign.	
17.	Diwali visit for orphanage.	2011-12
18.	Tree Plantation within the campus.	
19.	Blood donation camp within the campus.	2010-11
20.	Blood donation camp within the campus.	



35. SWOC analysis of the department and Future plans.

Strength

- Highly motivated, dedicated & qualified faculty members with rich academic experience are in the departments.
- Enthusiastic Faculties have versatile & diversified research as well as industrial experience.
- Modernized Laboratories /library with all required & advanced tools like Lab View, My RIO and advanced experimental set ups etc
- Good exposure of students to industry & research institute for enhancing the skills & knowledge of the students.
- Encouraging & motivated atmosphere in the department to pursue higher education like ME or PhD or professional short term courses.
- Opportunities for students to undergo short term industrial internships.
- Excellent opportunities for on & off campus placement in IT & core companies.
- Multi-disciplinary platform for the students for project work viz Robotics, Modeling & Simulation.
- Science Theme Museum concepts for students.
- Strong participation in extra-curricular activities including sports, entertainment, social activities etc.

Weakness

- Boasting the R & D activities in the department to develop a consultancy centre or centre of excellence in core & allied areas.
- To involve more number of students in R&D activities and industrial level project to mitigate weakness in R&D area.
- To increase the lab facility & equipment to an advanced level to bolster R&D activity.
- To attract income from industry for project & design consultancy so as to offer industry relevant course work.
- Rigorous industrial projects need to be undertaken by the department for betterment of industry relevant course work.

Challenges

- To develop a substantial share of departmental consultancy to industries in core & allied areas of engineering.
- To envisage the possibilities of setting up an incubation centre for prospective students as part of entrepreneur development program.
- To develop a multi-disciplinary platform for ensuring a hands on experience to the students on core areas as a pre requisite of industry. This will lead to increase in the placement of students in core industries.

36. Road Ahead and future plans.

- Motivate students to contribute in multidisciplinary research activity.
- Sincere efforts to bridge the gap between academic and institute.
- Start Industrial consultancy activity.
- Employability and entrepreneurship development.

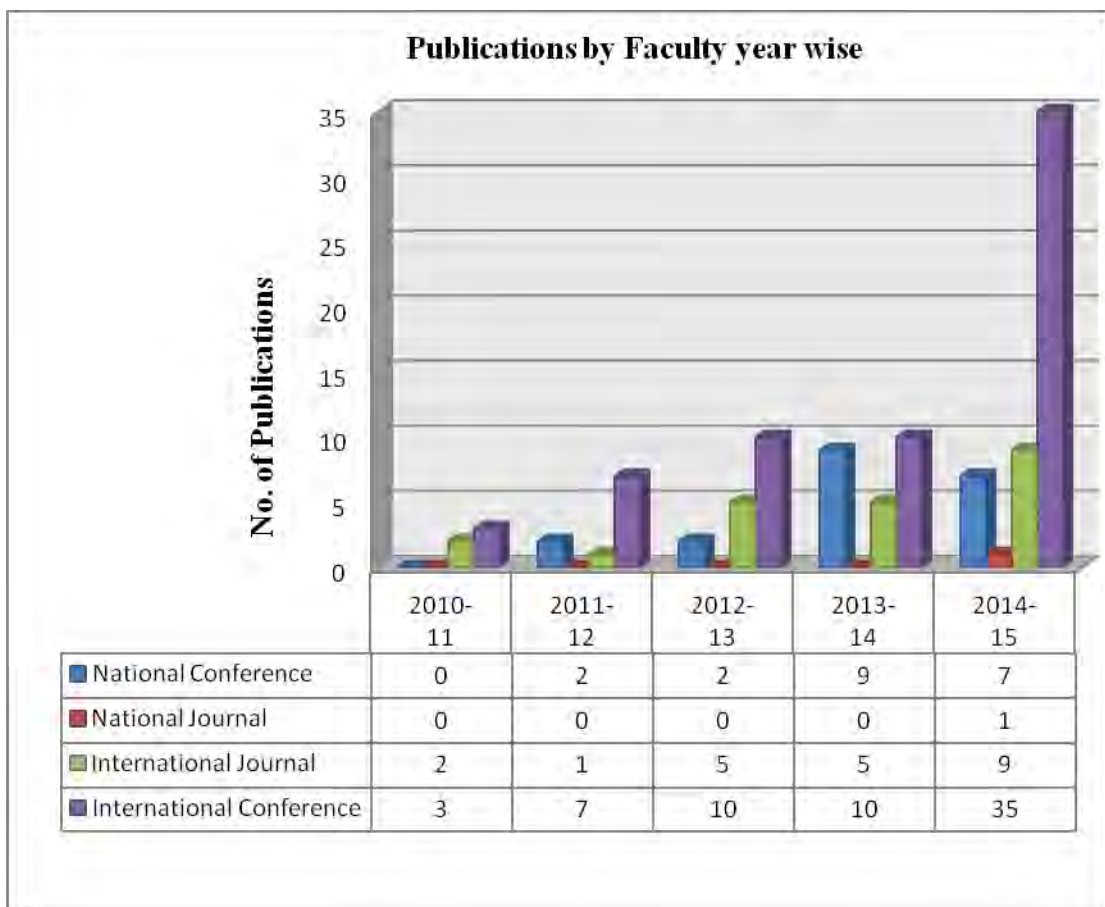


Graphical representation of the data

1. Total Publications by Faculty

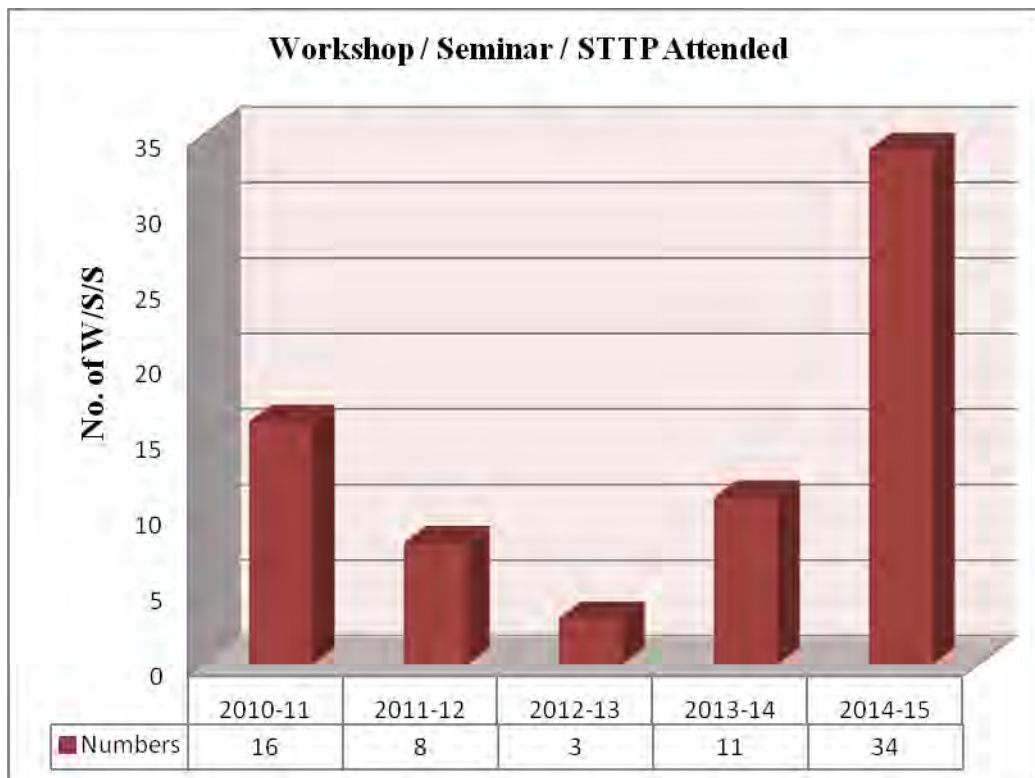


2. Publications by Faculty year wise

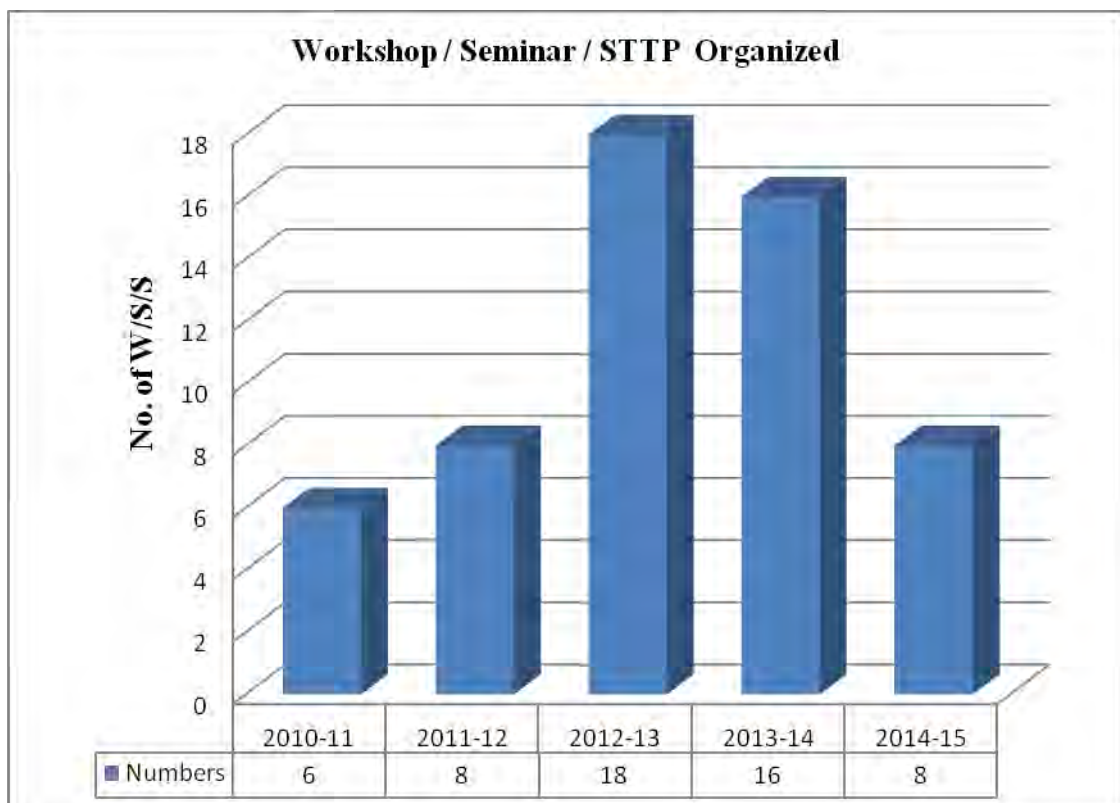




3. Workshop / Seminar / STTP Attended

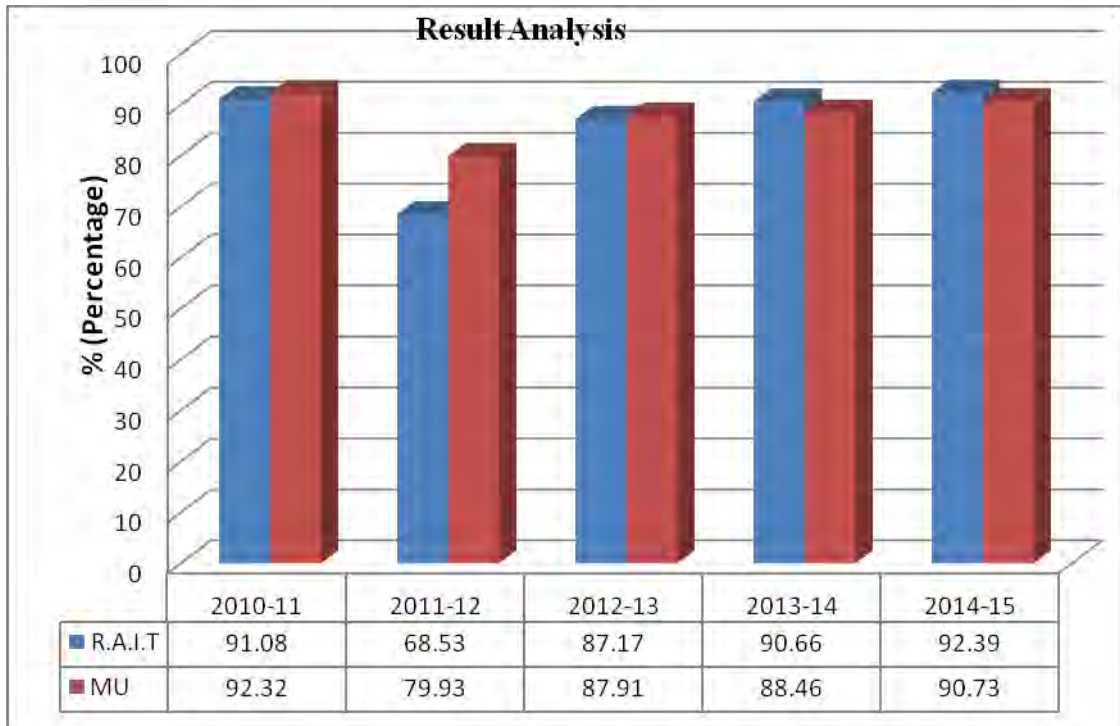


4. Workshop / Seminar / STTP Organized

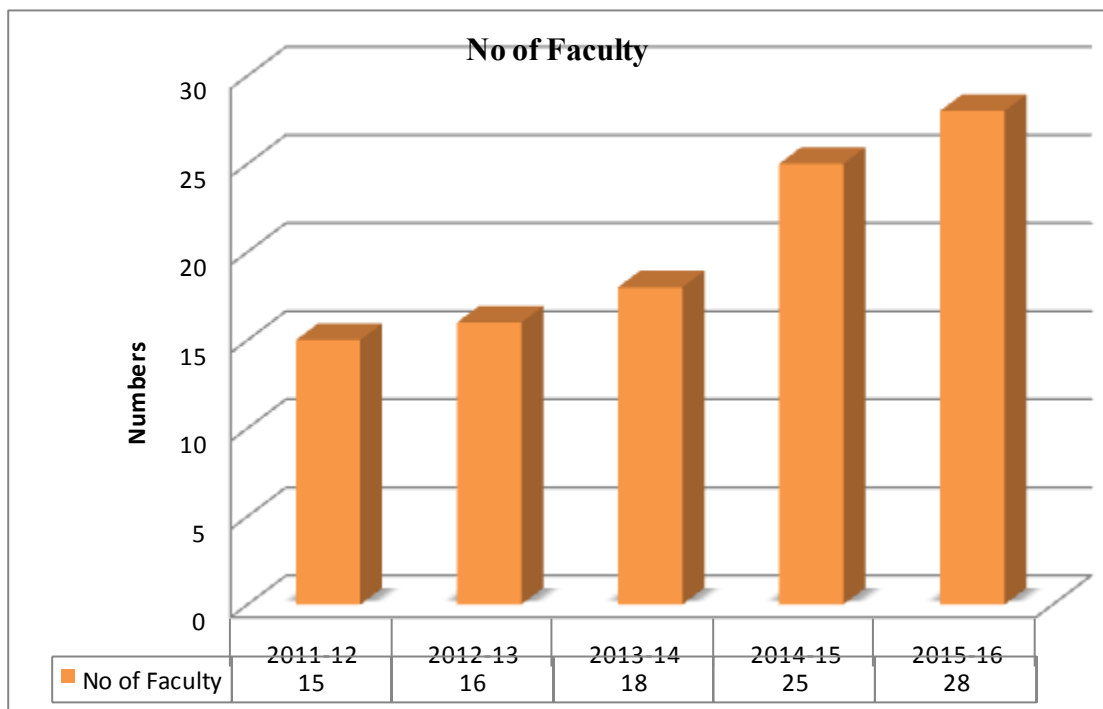




5. Result Analysis

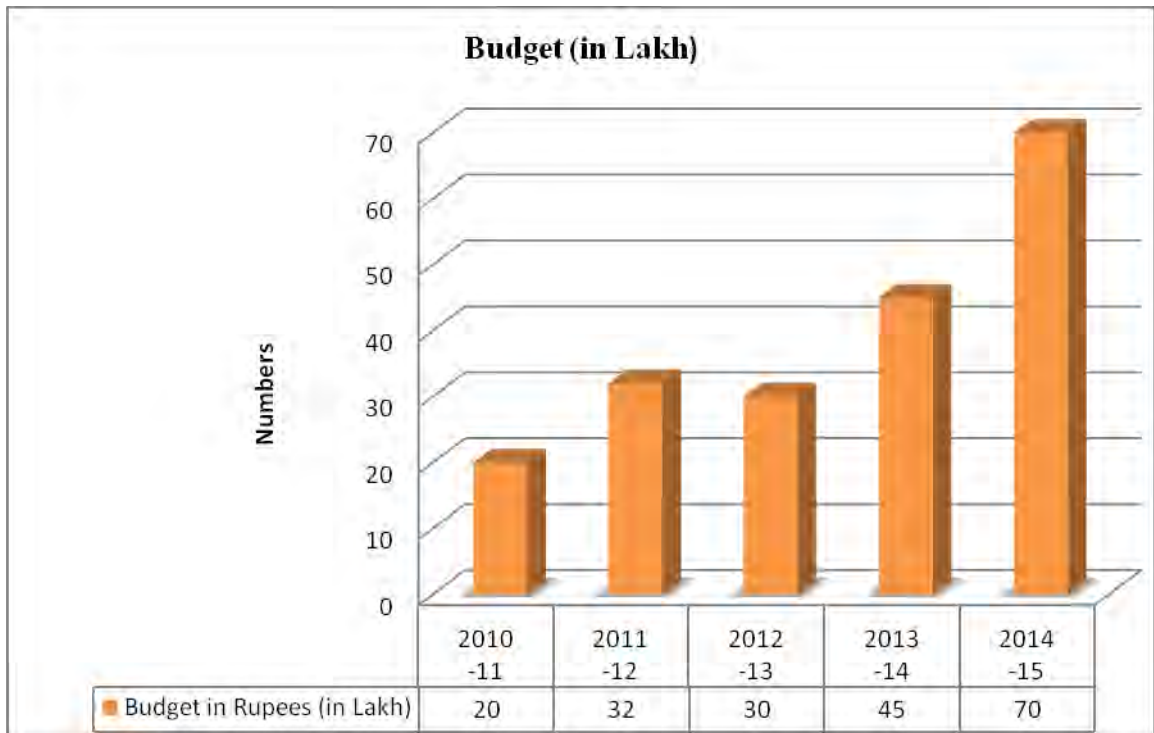


6. No. of Departmental Faculty Members





7. Budget (Admin, R& D, Academic)



8. Year wise placement data

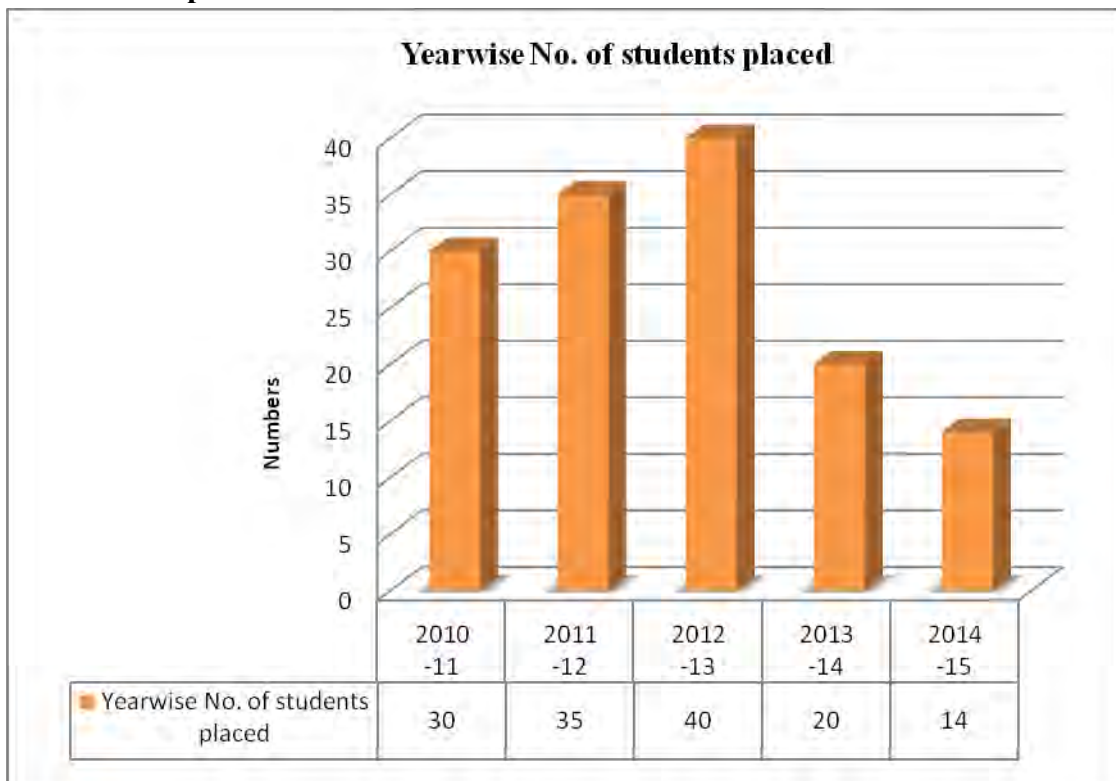
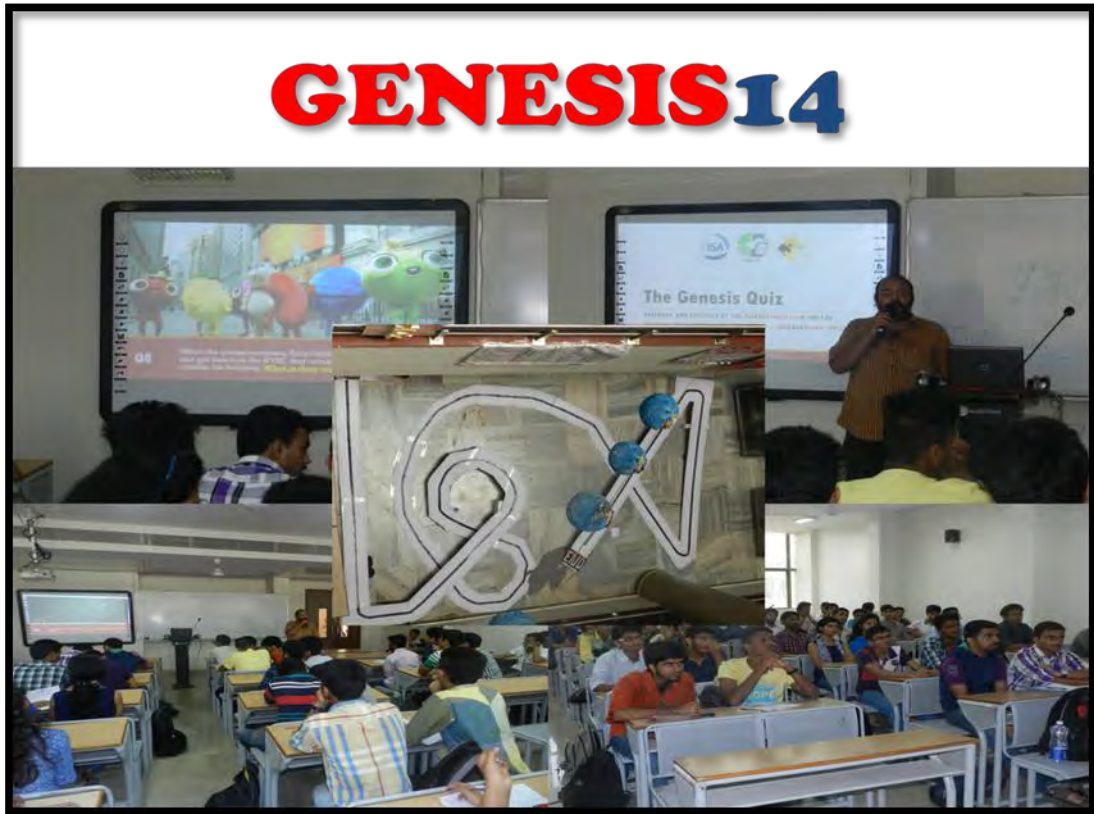




Photo Gallery:





Information Technology Department



D Y PATIL
— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY
NAVI MUMBAI



Evaluative Report of Information Technology Department

1. **Name of the Department**—: Information Technology
2. **Year of Establishment**- : 1999
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D. Integrated Masters; Integrated Ph.D., etc.)-**:
Bachelor of Engineering Information Technology
Master of Engineering Information Technology
4. **Names of Interdisciplinary courses and the departments/units involved:**

Sr. No.	Name of Department/ Units	Subjects
1	Engineering Science	Advanced Mathematics III
		Advanced Mathematics IV
		Presentation and Communication Techniques
		Manufacturing processes and planning system
		Computational Mathematics III
		Computational Mathematics IV
		Business Communication and Ethics
2	Electronics and Telecommunication Engineering	Analog and Digital Circuit
		Principles of Analog and Digital Circuits
		Digital Logic Design and Applications
		Electronic Devices and Circuits
3	Electronics Engineering	Microcontrollers and Embedded System

5. Annual/semester/choice based credit system (programmewise)

Sr. No.	Programme of Department	Credit System
1	Bachelor of Engineering Information Technology	<ul style="list-style-type: none"> • Credit system is proposed from 2012-13 by Mumbai University • Annual based results are declared although Semester based Examination system is in place as prescribed by Mumbai University
2	Master of Engineering Information Technology	<ul style="list-style-type: none"> • Credit system is proposed from 2012-13 by Mumbai University • Annual based results are declared although Semester based Examination system is in place as prescribed by Mumbai University



6. Participation of the department in the courses offered by other Departments

Sr.	Name of the Department	Subject
1	Engineering Science	Computer Programming I
		Computer Programming II
		Structured programming Approach
2	Electronics and Telecommunication	Operating System
		Object Oriented Programming Methodology
3	Electronics Engineering	Object Oriented Programming Methodology

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Sr.no.	Name of Expert/Organization	Programme
1	Oracle Corporation	Oracle Certified Associate(OCA)
2	EMC2	“How to enable cloud”
3	SKYNET Secure Solutions	Network Security
4	Network Bulls and ACM in Association with IIT Delhi	Cisco Routers and Network Configuration
5	IBM	<ul style="list-style-type: none"> Seed Rational Suite Enterprise Seed Program for Business Intelligent Using IBM Cognos BI Seed Program for EAD deployment for Cloud Computing
6	IIT/IISC (NPTEL)	E-courses on all core subjects and elective subjects

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

Teaching Posts	Sanctioned	Filled
Professors	3	1
Associate Professors	8	Filled 28 for Associate and Assistant professor/ Lecturer. Additional one faculty for first year engineering
Assistant Professors	19	



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil.etc.,)

Sr No.	Name	Qualification	Designation	Specialization	No. of Years of Experience (Year)	No. of M.E./PH.D. Students Guided for the Last 4 years
1	Dr. Ramesh Vasappanavara	PhD	Professor Principal	Information Technology	Teaching:18 Industry:22	15
2	Mrs. DiptiJadhav	ME PhD (Pursuing)	AsstProf, HOD	Information Technology	10	5
3	Mrs. NilimaDongre	M.E.	AsstProf	Information Technology	15	10
4	Mr. NileshMarathe	ME PhD (Pursuing)	Asst Prof	Information Technology	Teaching:12 Industry:2	10
5	Ms. ReshmaGulwani	M.E.	Asst Prof	Information Technology	10	04
6	Mrs. Nikita Kulkarni	ME PhD (Pursuing)	Asst Prof	Information Technology	11	04
7	Mrs. AnithaSenathi	M.E.	Asst Prof	Information Technology	Teaching:5 Industry:13	--
8	Ms. Ravita Mishra	M.E.	Asst Prof	Information Technology	9	01
9	Mrs. JaishreeBasu	M.Tech.	Asst Prof	Information Technology	9	--
10	Mrs. VijaylaxmiBittal	M.E.	Asst Prof	Information Technology	8	01



11	Ms. Anita R. Patil	M.Tech.	Asst Prof	Information Technology	7	--
12	Mrs. Jyoti U. Kundale	M.E.	Asst Prof	Information Technology	6	--
13	Mr. Swapnil Ramesh Shinde	M.E.	Asst Prof	Information Technology	6	01
14	Mrs. Jyoti Joshi	M.E.	Asst Prof	Information Technology	6	--
15	Mrs. Shreya Solanki	M.Tech.	Asst Prof	Information Technology	3	--
16	Ms. Puja Vakhare	M.E.	Asst Prof	Information Technology	5	--
17	Mr. Dhaval Chavda	M.Tech	Lecturer	Information Technology	2	--
18	Mrs. Soumi Banerjee	M.Tech	Asst Prof	Information Technology	7	--
19	Mrs. Sumedha Bhagwat	M.E.	Lecturer	Information Technology	5	--
20	Ms. Neelam Panse	M.E.	Lecturer	Information Technology	3	--
21	Mrs. Guthami R.	M.E	Lecturer	Information Technology	1	--
22	Ms. Kshipra Tatkare	M.E. (Pursuing)	Lecturer	Information Technology	4	--
23	Ms. Pooja Tarare	M.E (Pursuing)	Lecturer	Information Technology	1	--
24	Ms. Naviya Dayana	M.E (Pursuing)	Lecturer	Information Technology	1	--
25	Ms. Varsha Sanap	M.E. (Pursuing)	Lecturer	Information Technology	1	--
26	Mr. Sachin Bhopi	M.E. (Pursuing)	Lecturer	Information Technology	1	--
27	Mrs. Shilpa Mahagaonkar	M.E. (Pursuing)	Lecturer	Information Technology	1	--
28	Mrs. Priyanka Bhat	M.E. (Pursuing)	Lecturer	Information Technology	1	--
29	Ms. Priyanka Salunkhe	M.E. (Pursuing)	Lecturer	Information Technology	1	--



30	Mr. Aneesh Kulkarni	M.E. (Pursuing)	Lecturer	Information Technology	1	--
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11. List of senior visiting faculty/expert:

Sr no.	Name of Faculty	Post	Organization
1.	Mrs.Madhuri Kadam	AsstProf	DY Patil College of Management
2.	Mr.PankajDegaonkar	Entrepreneur	D Y Patil College of Management
3.	Mrs.Seema Jain	Asst Prof	DY Patil College of Management
4.	Mrs.Vani Kamath	Asst Prof	DY Patil College of Management
5.	Mr.Gautam V.	Design Engineer	KnowCross, New Delhi
6.	Mr.Gopika Vinod	Senior Scientist	BARC
7.	Dr. Rezvana Shaikh	Asst Prof	SIES Engineering College
8.	Ms.Kranti Garg	Asst Prof	TSEC
9.	Dr.M.M.Deshpande	Professor	AC Patil College of Engineering
10.	Dr. Mande	Professor	Don Bosco College of Engineering, Bandra
11.	Dr. LataRagha	Professor	Terna College of Engineering
12.	Mr. TejasHoskatti	Director	Taiijas Infotech Pvt Ltd.
13.	Dr.VijayRaiSinghania	Professor	NMIMS, Mumbai
14.	Dr. JayanthKumar. M	Scientist	BARC
15.	Mrs. VaishaliKhairnar	AsstProf	Terna College of Engineering, Nerul, NaviMumbai

12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: All Classes are conducted by regular faculties.

13. Student-Teacher Ratio (programmewise)

Programme	Student-Teacher Ratio
PG	6:1
UG	15:1

14. Number of academic support staff (technical) and administrative staff

Name of the Staff	Sanctioned	Filled
Administration Staff	1	1
Technical Staff	5	5



15. Qualification of teaching faculty with DSC/D.Litt/Mphil/PG.

Sr. No.	Qualification	Total
1.	Ph.D.	1
2.	PG(M.E./M.Tech)	20
3	UG(ME Pursuing)	9

16. Number of faculty with ongoing projects from a)Nationalb)Internationale) other funding agencies and grants received.

a. National.

Sr. No	Name of the Faculty	Project title	Funding Agency	Year	Amount Sanctioned
1.	Ms.Reshma Gulwani Mr.Dhaval Chavda	Railway Concession	RamraoAdik Education Society	2013-14	50,000/-
2.	Mrs.Anitha Senathi Mr.Dhaval Chavda	Digital Course File	RamraoAdik Education Society	2010-11	1,10,000/-
3.	Mrs.Dipti Jadhav Mr.Swapnil Shinde	e-Attendance	RamraoAdik Education Society	2013-14	50,000/-
4.	Mrs. Dipti Jadhav	e-Page RAIT	RamraoAdik Education Society	2013-14	50,000/-
5.	Ms.Reshma Gulwani Mrs.Jyoti Kundale	e-Bonafide	RamraoAdik Education Society	2014-15	50,000/-
6.	Mrs.Dipti Jadhav Ms.Reshma Gulwani	Biogas Car	RamraoAdik Education Society	2013-14	2,00,000/-
7.	MrDhaval Chavda	Exam Seating Plan	RamraoAdik Education Society	2014-15	50,000/-

b. International: NIL

17. Departmental projects funded by AICTE,DST--FIST;UGC,DBT, ICSSR,etc. and total grants received

Sr No	Name of the Faculty	Details of the project/work	Name of the collaborator and institute	Year (duration)	Amount Sanctioned
1	Ramesh Vasappanavara, Mrs Dipti Jadhav	Video Summarization	Mumbai University	2014-15	Approval waiting



18. Research Centre/facility recognized by the University: Nil

19. Publications:

Faculty of the department has published research papers in reputed national and international journals and conferences.

a. Total Number of Publication: 70

Sr. No	Name of the Faculty	Total No of Publications
1	Dr. Ramesh Vasappanavara	8
2	Mrs. Dipti Jadhav	4
3	Mrs. Nilima Dongre	2
4	Mr. Nilesh Marathe	11
5	Ms. Reshma Gulwani	1
6	Mrs. Nikita Kulkarni	5
7	Mrs. Anitha Senathi	2
8	Mr. Justin Cletus	4
9	Ms. Ravita Mishra	1
10	Mrs. Jaishree Basu	5
11	Mrs. Vijaylaxmi Bittal	3
12	Ms. Anita R. Patil	5
13	Ms. Rubi Mandal	2
14	Mrs. Jyoti Joshi	1
15	Mr. Swapnil Ramesh Shinde	9
16	Mrs. Jyoti Kundale	2
17	Ms. Puja Vakhare	1
18	Mrs. Soumi Banerjee	1
19	Mrs. Sumedha Bhagwat	1
20	Ms. Neelam Panse	3
21	Ms. Kshipra Tatkare	1
22	Ms. Apurva Karkhanis	1
23	Ms. Pooja Tarare	1
24	Mrs. Shilpa Mahagaonkar	1
25	Mrs. Priyanka Bhatt	1

b. Number of papers published in peer reviewed journals (national / international) by faculty and students-

Total Number of Publications in Conferences: 83

Total Number of Publications in Journals: 48

Sr. No	Name of the Faculty	Total No of Publications in Conferences		Total No of Publications in Journal		Total Publication
		National	International	National	International	
1	Dr. Ramesh Vasappanavara		8		5	13
2	Mrs. Dipti Jadhav		4		1	5
3	Mrs. Nilima Dongre	4	2		2	8



4	Mr.Nilesh Marathe		11		4	15
5	Ms.Reshma Gulwani		2		1	3
6	Mrs.Nikita Kulkarni		5		18	23
7	Mrs.Anitha Senathi		2		1	3
8	Mr.Justin Cletus		5		3	8
9	Ms.Ravita Mishra		1		3	4
10	Mrs.Jaishree Basu	4	1			5
11	Mrs.Vijaylaxmi Bittal		4		2	6
12	Ms.Anita R. Patil	4	2		2	8
13	Ms.Rubi Mandal		2			2
14	Mrs.Jyoti Joshi		1		1	2
15	Mr.Swapnil Ramesh Shinde	1	8		1	10
16	Mrs.Jyoti Kundale		2		1	3
17	Ms. Puja Vakhare		1		1	2
18	Mrs.Soumi Banerjee		1			1
19	Mrs.Sumedha Bhagwat		1			1
20	Mrs. Shreya Solunki				1	1
21	Ms.Neelam Panse		2		1	3
22	Ms.Kshipra Tatkare		1			1
23	Ms.Apurva Karkhanis		1			1
24	Ms.Pooja Tarare		1			1
25	Mrs.Shilpa Mahagaonkar		1			1
26	Mrs.Priyanka Bhatt		1			1



c) Number of publications listed in International Database (For e.g: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc):

Sr. No	Name of the Faculty	Total No of Cited Publications
1.	Dr. Ramesh Vasappanavara	7
2.	Mrs.Dipti Jadhav	5
3.	Ms.Reshma Gulwani	1
4.	Mr.Nilesh Marathe	3
5.	Mrs.Nikita Kulkarni	3
6.	Mr.Swapnil Ramesh Shinde	2
7.	Ms. Neelam Panse	6
8.	Mrs. Nilima Dongre	1

d. Monographs, Chapters in book authored, Books edited, Books published: monographs, Chapters in book authored, Books with ISBN/IS numbers : Books edited (Details- Name, Publication, Year) : 03

Name of faculty	Book Name	Publisher	ISBN/ISSN Number	Year
Dr. Ramesh Vasappanavara	“Object Oriented Programming Using C++ and Java”, “Object Oriented Programming Through Java”, published by Pearson. ISBN No: 978-81-317-6904-1	Pearson	ISBN No: 978-81-317-5455-9	2012
	“C & Data Structures by Practice”	New Age International Publishers (formerly Wiley Eastern).	ISBN No: 81-224-2021-4.	2007
	Object Oriented Programming Using C++ and Java	Pearson	ISBN No: 978-81-317-5455-9.	2011



20. Areas of consultancy and income generated:

Sr.no	Name of the Faculty	Name of Consultancy Project	Year	Duration	Income generated
1	Ms.Reshma Gulwani Mr.Dhaval Chavda	e-Bonafide Certificate	2015	3 months	20,000/-
2	Ms.Reshma Gulwani Mrs.Jyoti Kundale	Railway Concession	2014	3 months	30,000/-
3	Mrs.Dipti Jadhav Mr.Swapnil Shinde	Biogas Car	2014	6 months	50,000/-
4	Mrs. Dipti Jadhav Mr. Swapnil Shinde	College e-Attendance	2013	3 months	20,000/-
5	Mrs. Dipti Jadhav	e-Page RAIT	2013	3 months	20,000/-
6	Mrs.Dipti Jadhav Mrs. Neelima Dongre	ISTE Workshop on Network Security & Digital Forensic	2015	1week	54,400/-

21. Faculty as members:

a) National committees :Total-12

Sr .no	Name of Faculty	Committee	Designation
1.	Dr.Ramesh Vasappanavara	National Board of Accreditation (NBA)	Evaluator
		Local Investigation Committee	Evaluator
		IETE	Fellow
2.	Mrs. Nilima Dongre	Indian Society For Technical Education (ISTE)	Secretary, Faculty Chapter
		Indian Society For Technical Education (ISTE)	Faculty Advisor to Institute
3.	MrsDipti Jadhav	Indian Society For Technical Education (ISTE)	Member
4.	Mrs.Nikita Kulkarni	Indian Society For	Member



		Technical Education (ISTE)	
5.	Mr. Nilesh Marathe	Indian Society For Technical Education (ISTE)	Member
6.	Mr. Swapnil Shinde	Indian Society For Technical Education (ISTE)	Member
7.	Mrs. Jyoti Kundale	Indian Society For Technical Education (ISTE)	Member
8.	Mrs. Anita Patil	Indian Society For Technical Education (ISTE)	Member
9.	Mrs. Soumi Banerjee	Indian Society For Technical Education (ISTE)	Member
10.	Ms. Reshma Gulwani	Indian Society For Technical Education (ISTE)	Member
11.	Ms. Ravita Mishra	Indian Society For Technical Education (ISTE)	Member
12.	Ms. Varsha Sanap	Indian Society For Technical Education (ISTE)	Member
13.	Mrs. Sumedha Bhagwat	Indian Society For Technical Education (ISTE)	Member
14.	Mrs. Jyoti Joshi	Indian Society For Technical Education (ISTE)	Member

b. International Committees/ conferences/Boards:

Sr.no	Name of Faculty	Committee	Designation
1.	Dr. Ramesh Vasappanavara	Institute of Electrical and Electronics Engineers	Member

c. Editorial Boards/Reviewer:

Sr.no	Name of Faculty	Committee	Designation
1.	Mrs. Dipti Jadhav	AIRCC	Reviewer
2.	Mrs. Nilima Dongre	NCITIAC	Reviewer
3.	Mr. Nilesh Marathe	ICGCT-2013	Reviewer
4.	Mr. Swapnil Shinde	ICCUBEA-2015	Reviewer
5.	Ms. Ravita Mishra	ICCUBEA-2015	Reviewer
6.	Ms. Vijaylaxmi Bittal	ILUMINATI	Reviewer
7.	Mrs. Jyoti Kundale	ICCUBEA-2015	Reviewer



22. Student projects

a. Percentage of students who have done in-house projects including inter departmental / programme: 90% approx.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: 10%

Sr.no	Year	Course	In house Projects (%)		Out house
			Departmental	Interdepartmental	
1.	2014-15	UG	70	20	10
		PG	100		--
2.	2013-14	UG	100	--	--
		PG	85	--	15
3.	2012-13	UG	90	--	10
4.	2011-12	UG	90	--	10
5.	2010-11	UG	90	--	10

23. Awards / Recognitions received by Faculty/students:

a. Awards / Recognitions received by Faculty: Total-21

Sr.No.	Name of Faculty	Award Details	Year
1.	Mrs.Vijaylaxmi Bittal	KSCST Project Award	2010
		Jed-I Project Challenge	2011
		Impress IT Project Challenge	2011
		Excellence in R&D	2014
2.	Mr. Nilesh Marathe	1 st Prize Robotics Teacher Competition Phase I by IIT	2013
		1 st Prize Robotics Teacher Competition Phase II by IIT	2013
		Excellence in R&D	2012
		Excellence in R&D	2013
		Star Performer	2013
		Excellence in R&D	2014
3.	Ms.Reshma Gulwani	Excellence in R&D	2012
		Best Teacher Award	2012
		Best Teacher Award	2013
		Excellence in R&D	2014
4.	Mrs.Dipti Jadhav	Star Performer Award	2013
		Excellence in R&D	2013
		Excellence in R&D	2014
5.	Mrs.Nilima Dongre	Star Performer	2013
6.	Mr.Swapnil Shinde	Best Paper of Track Award in	2013
		Excellence in R&D	2012
		Excellence in R&D	2013
		Excellence in R&D	2014
7.	Mrs.Jyoti Kundale	Excellence in R&D	2013
8.	Ms.Ravita Mishra	Excellence in R&D	2013
		Excellence in R&D	2014
9.	Mrs.Anitha Senathi	Appreciation Award for Digital	2014
10.	Ms.Anita Patil	Best Teacher Award	2014



c. Awards / Recognitions received by Students: Total-20

I. Academic Achievement :

Sr.No.	Name of Student	Award Details	Year
1.	Ms. Manasi Kulkarni	Best Student from TCS	2013
2.	Mr. Mahesh Pawar	Appreciation Award for E-Attendance project	2013
3.	Ms.Pawar Netra	1 st Topper in BE University III Topper Award	2013
4.	Ms.Sisodia Gaurav	2 nd Topper in BE	2013
5.	Ms. Angha Patil	3 rd Topper in BE	2013
6.	Ms.Kulkarni Manasi	1 st Topper in TE	2013
7.	Ms.Chitteth Rissy	2 nd Topper in TE	2013
8.	Mr.Edrisi Mohammad	3 rd Topper in TE	2013
9.	Ms.Lokhandwala Arwa	1 st Topper in SE	2013
10.	Mr.Dossani Arbaaz	2 nd Topper in SE	2013
11.	Ms.Rahatal Pradyna	3 rd Topper in SE	2013
12.	Ms.Poonam Jadhav	1 st Topper in ME	2013
13.	Mr.Oswal Nikhil	1 st Topper in BE	2014
14.	Ms.Patil Pooja	2 nd Topper in BE	2014
15.	Mr.Edrisi Mohammad	3 rd Topper in BE	2014
16.	Mr.Dossani Arbaaz Anwar	1 st Topper in TE	2014
17.	Ms.Rahatal Pradnya Prakash	2 nd Topper in TE	2014
18.	Ms.Lokhandwala ArwaJuzer	3 rd Topper in TE	2014
19.	Ms.Randhawa Harpreet Kaur	1 st Topper in SE	2014
20.	Ms.Sahu Aarti Harikrishna	2 nd Topper in SE	2014
21.	Mr.Pratik Parashar	3 rd Topper in SE	2014
22.	Ms.Arti Ochani	1 st Topper in ME	2014
23.	Mr.Dossani Arbaaz Anwar	2 nd University Topper	2015
24.	Ms.Rahatal Pradnya Prakash	3 rd University Topper	2015
25.	Ms.Lokhandwala ArwaJuzer	6 th University Topper	2015
26.	Mr.Arbaaz Dossani Pradnya Rahatal	RAIT- Project Competition	2015
27.	Ms.Harpreet Kaur Ms.AkanshyaPurohit	RAIT- Project Competition	2015
28.	Mr.Ankit Singh Ms.Manali Killedar Mr.Akash Rai	RAIT- Project Competition	2014
29.	Mr.Mahesh Pawar	RAIT- Project Competition	2014
30.	Mr.Arbaaz Dossani	RAIT- Project Competition	2013
31.	Mr.Avinash Adsul	RAIT- Project Competition	2013



II. Cultural Activities :

Sr.No.	Name of Faculty / Student	Award Details	Year
1.	Mr.Satish Gaykar	Mumbai University Youth Fest'12-13 1 st Prize	2013
2.	Mr.Pranav Patil Mr.Hrikeshkesh Tambe	Mumbai University Youth Fest'13-14 : Zonal Trophy Winner 33rd prize	2014
3.	Mr.Pranav Patil Mr.Hrikeshkesh Tambe	Thane Art Festival : Marathi skit – 1st prize	2014
4.	Mr.Pranav Patil Mr.Hrikeshkesh Tambe	Pillai's Inst. Of Information Technology, Panvel : Marathi skit - 1st prize	2014
5.	Mr.Pranav Patil Mr.Hrikeshkesh Tambe	Dr. D. Y. Patil School of Biotech, Belapur(SPECIES): Marathi skit – 1st prize	2014
6.	Mr.Hrikeshkesh Tambe Mr.Pranav Patil	Mumbai University Youth Fest'13-14 : Zonal Trophy Winner 1st consolation prize	2014
7.	Ms.Renuka Singh Mr.Rohan Savant	Mumbai University Youth Fest'13-14 : Zonal Trophy Winner 2nd prize	2014
8.	Ms.Renuka Singh Mr.Rohan Savant	Mumbai University Youth Fest'13-14 : Zonal Trophy Winner 2nd prize	2014
9.	Mr.Pranav Patil	Mumbai University Youth Fest'14-15 1st Consolation prize	2015
10.	Mr.Hrikeshkesh Tambe Mr.Rohan Savant	Mumbai University Youth Fest'14-15 3rd prize.	2015

III. Sports Achievements:

Sr.No.	Name of Faculty / Student	Award Details	Year
1.	Mr.Hrikeshkesh Tambe Mr.Rohan Savant Ms.Aishvarya Jadhav	1st prize in the following events of colleges: 14-151. Fr. Agnel College, Vashi 2. ICT	2015
2.	Mr.Hrikeshkesh Tambe Mr.Rohan Savant Ms.Aishvarya Jadhav	2 nd prize in the following events of colleges: 14-15 1. P.I.I.T., Panvel 2. Xaviers Matunga.	2015

24. List of eminent academicians and scientists/ visitors to the department:

Sr.No.	Name of Eminent Academicians /Scientists	Date	Organization	Purpose of visit
1.	Dr. Debanik Roy	12 th March 2012	BARC	Expert Talk
2.	Dr. R. K. Shyamsunder	31 st , March 2015	TIFR	Expert Talk
3.	Dr.Gigi Joseph	31 st , March 2015	BARC	Expert Talk



4.	Dr. Gopika Vinod	2 nd Aug, 2012	BARC	Expert Talk
5.	Dr. Vinod Gupta	2 nd Sept , 2012	Asia Pacific Japan Disaster Recovery Management	Expert Talk
6.	Mr. Navjot Singh	Feb,2012	EMC ²	Expert Talk
7.	Mr. Amol Mahtre	31 st March 2015	TCS	Expert Talk
8.	Mr. Sachin Dedhia	1 st To 4 th April, 2015	CEC,USA	Expert Talk
9.	Mr. Atul Kahate	6 th Sept,2013	Persistent	Expert Talk
10.	Prof. Dayanand Ambavade	18 th & 19 th Sept,2014	SPIT	Expert Talk
11.	Mr. Gautam V.	25 th Jan,2014	KnowCross, New Delhi	Expert Talk

25. Seminars/Conferences/Workshops organized & the source of funding:

a. Give details of seminar organized by department.

Sr. no.	Name of Expert	Title of the talk	Date
1.	Mr. Gordan Gonsalves	Information Security Trends in Today's World.	24/09/2012
2.	Dr.Gopika Vinod	Software Reliability	2 nd August 2013
3.	Mr. Bhushan Jadhav	Cloud computing	7 th March 2013
4.	Dr. Arul Shaja	Cloud computing and Grid computing	Oct-12
5.	Mr. Pritpal Singh	Dive in Technology	1 st -Mar-2013
6.	Mr. TejasHoskatti	Embedded Systems	8 th March 2013

b. Give details of Workshop organized by department:

Sr No	Title of the Workshop	Year	Number of participants	Distinguished Speakers/Experts	Fund Given
1.	Advances in networking and mobile computing	2010	60	Dr.GShivkumar, Dr. AbhayKarandikar	50,000
2.	NS2	2011	84	NilimaDongre	15,000
3.	Information Security Trends in Today's World	2012	120	MrGordanGonasalves	5000
4.	Alternate Energy Resources	Aug-2012	120	Mr. Anand V	5000
5.	Network Security and Digital Forensics	April 2015	46	Dr. Gigi Joseph,Dr. R. K Shyamsunder, Mr. Amol Mhatre, Mr. SachinDedhia	50,000



IV. Give details of Training Programme organized by department

Sr No	Title of the Training program	Year	Number of participants	Distinguished Speakers/Experts	Fund Given
1.	Oracle Workforce Development Program(WDP)	2010 to 2015	70	Mr. AdmaneDhiraj Mr. Japrakash S	1,41,200
2.	Summer Training Program on Web Development	2012	19	Resource Person from Wegilant Technologies Pvt Ltd.	10,000
3.	Infosys Spark Event	2012	120	Infosys Spark Event Team	5000
4.	Implementation of Cloud Computing	Mar-13	60	Mr. Navjyot Singh	5000
5.	Network Security and CISCO router configuration	Mar-14	94	Mr. Vipin Kumar	10,000
6.	Linux Configuration	Sep-14	92	Prof. D. Ambawade	10,000

d. Give details of the expert lectures organized by your department.

Sr. no.	Name of Expert	Title of the talk	Date	Fund Given
1	Mr. Navjyot Singh	How to enable Cloud	3/7/2013	5000
2	Mr. Atul kahate	Evaluation in Cryptography and technological trends	2/6/2014	5000
3	Dr. Gopika Vinod	Software Reliability Engineering	Feb, 2013	5000
4	Dr. Gigi Joesph	Network Security	March 2012	5000
5	Dr. P. Kale	Green house effects	19/8/2015	5,000
6	Mr. Amol Mhatre	Cyber security and Digital Forensic	31 st March 2015	5,000
7	Dr. R.K Shyamsundar	Information Security	31 st March 2015	5,000

26. Student profile programme / course wise:

a. Bachelor of Engineering:

Year of Passing	Name of the Course/Programme	Admitted	Enrolled		Pass percentage
			*M	*F	
2014-15	UG	84	41	43	95
2013-14	UG	74	46	28	99
2012-13	UG	85	56	30	96
2011-12	UG	69	45	25	97
2010-11	UG	72	45	27	94.36



b. Master of Engineering:

Year of Passing	Name of the Course/programme	Admitted	Enrolled		Pass percentage
			*M	*F	
2014-15	PG	6	2	4	84%
2013-14	PG	15	5	10	80%
2012-13	PG	7	1	6	86%

*M=Male *F=Female

27. Diversity of Students

Sr. No.	Year Of Admission	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
1	2014-15	U.G	100 %	0	0
		P.G.	100%	0	0
2	2013-14	U.G	100 %	0	0
		P.G.	100%	0	0
3	2013-12	U.G	99%	1%	0
		P.G.	100%	0	0
4	2011-12	U.G	90%	10%	0
5	2010-11	U.G	91%	9%	0

28. How many students have cleared/appeared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Sr.no	Academic year	No. Of Students appeared/ cleared				
		GAT	GRE/GEMA	Defence	UPSC/MPS	CAT/CET
1	2011-12	1	14	00	00	01
2	2012-13	0	24	02	00	01
3	2013-14	2	17	02	00	04
4	2014-15	3	12	02	00	03

29. Student Progression

Student progression	Against % enrolled				
UG to PG	10-11	11-12	12-13	13-14	14-15
	26.66	20.83	36.23	20	5.4 (In process)
PG to M.Phil.	NA				



PG to Ph.D.	10-11	11-12	12-13	13-14	14-15
	00	00	00	00	11.11
Ph.D. to Post-Doctoral	NA				
Employed	10-11	11-12	12-13	13-14	14-15
• Campus selection	70.4	88.4	45.88	67.56	77.38
• Other than campus recruitment	10-11	11-12	12-13	13-14	14-15
	14.08	17.39	16.47	20.27	00
Entrepreneurship/Self-employment	10-11	11-12	12-13	13-14	14-15
	12.67	11.59	11.76	18.92	00

30. Details of Infrastructural facilities:

Sr No	Infrastructure	Details of Item	Quantity
1	Central Library	1.Number of titles	1478
		2. Number of Volumes	8448
		3. Journals	41
		4. Magazine	178
		5. CDs	10
	Department Library	1.Text Books	256
		2.Reference Books	444
		3.Manuals	32
		Total No. of Books	700
2	Internet facility for staff and students	1.Computers	200
		2. Computers with internet facility	200
		3.Bandwidth	135 Mbps
		4.Laptops	9
3	Classrooms with ICT facility	No of classrooms and ICT facility available	05
4	Laboratories	No of laboratories withworth equipment(Amount)	10Laboratories (Rs.6953231)



32. Number of students receiving financial assistance from college, university, government or other agencies:

Category	No. of Students	Amount	Year
SC,ST,OBC,SBC,NT,VJ	81	3499200	2011-12
Minority	2	50000	
Other	6	150000	
SC,ST,OBC,SBC,NT,VJ	118	6018000	2012-13
Minority	2	50000	
Other	5	175000	
SC,ST,OBC,SBC,NT,VJ	179	10382000	2013-14
Minority	2	50000	
Other	21	735000	
SC,ST,OBC,SBC,NT,VJ	172	12788200	2014-15
Minority	2	50000	
Other	19	532000	

33. Detailsonstudent enrichment programme(special lectures/workshops/seminar) with external experts.

Sr. No.	Enrichment Programmers	Year
1	Brahma Kumari Yoga Classes for SE students & faculties	August 2013
		September 2014
2	Effective Public Speaking by MihirMankad	11 th August 2015
3	Stress Management Workshop by Ramakrishna Mission	6- 7 th February 2014
4	Sahaj Yoga Meditation for Students & Faculties	2-5 th March 2015
5	Success Mantra for Life by Mrs Jayanti Chavan	17 th September 2015

33. Teaching methods adopted to improve student learning Tables with remarks column

a) Teaching Innovations:

Sr. No.	Teaching methods
1	All faculties are highly qualified with mixed of rich experience in academics & industry. Faculties are also promoted to undergo the professional trainings.
2	Presentations are prepared to deliver lectures using all modern tools like ICT, Smart Boards.
3	Personal counseling as well as remedial lectures is arranged for the weaker students.
4	The content of lectures are chosen to meet the course objectives set for the course by the curriculum designers and the faculty by defining the proper



	lesson plan for the subject
5	The faculty concerned prepares course objectives and programme objective mapping table and assigns weight age to each of the CO against the Programme Outcomes (POs) and calculates CO-PO attainment.
6	Question Banks consisting of variety of questions ranging from genius or highest difficult level to normal level are given to the students for acquaintance with variety of questions
7	Live Case Studies are discussed with students for better understanding of the subjects.
8	Seminars/expert talks from experts from industry and academician are arranged
9	Webinars are arranged for various topics.
10	Training session for improving the hands-on experience of the students
11	Oracle Certification programme knowledge upgradation of the students
12	Tutorials and assignments are given to students for practice.

b) Learning Innovations:

Sr. No.	Learning methods
1.	NPTEL Video lectures are given to students to improve the conceptual knowledge.
2.	Assignments on important topics from related subjects are given to the students.
3.	Experts talk is arranged for students on variety of technologies
4.	Industrial visit are planned.
5.	Emphasis on Mini Projects and Project based learning.
6.	Brainstorming sessions and Group Discussion are conducted in the class.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Institute has a Students' Social wing with active student members from all the departments. The students and faculty actively participate in a number of social activities as listed below.

Sr. No.	Activity	Year
1	Teaching children of GirijaBalgruha.	2013
2	Sponsoring Children from World Vision.	2013
3	Joy fest for Children of GirijaBalgruha with various fun events, food and sports.	2014
4	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.	2014
5	Alleviating Trouble- by gifting Mixer Grinder to Anand Ashram Old Age, Water Heater to GirijaBalgruha	2014
6	Sponsoring Orphans' School Admission fees.	2014
7	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.	2014
8	Christmas Celebration at GirijaBalgruha.	2014



9	Campus Visit of children of GirijaBalgruha during Tech fest- Children participated in some events, viewed some technical events, played sports, and interacted with Alumni, Principal of RAIT and Faculty.	2015
10	Awareness session about spread of Dengue and Malaria	2015

35. SWOC analysis of the department and Future plans.

Strengths:

1. Qualified teaching staff with diverse expertise, dedication, flexibility and the quality of teaching they provide.
2. Central and Departmental Library Services with quantum variety of books offering knowledge and expertise in various competitive areas.
3. Focus on stability and availability of resources to students.
4. Successful track record of class and University toppers.
5. Successful track record of projects with formally defined problem definitions.
6. Excellent Wireless network speed and availability.
7. Staff levels.
8. Alumni Database and activities.
9. Student support.
10. Award winning class room and Laboratory/ Software technology support.
11. Technical teams dedicated to areas of speciality for deeper understanding of complex technology.
12. Established processes and practices.
13. Award winning employability.
14. Inter-departmental relations.

Weaknesses

1. Shortage of Professors for Research projects/Center.
2. Staff professional development for continuous changing technology.
3. More faculty members should possess doctoral degrees.
4. Technical collaborations and consultancy with the industries need to be improved.

Opportunities

1. Ability to develop Cloud based options.
2. Wide scope of Hand-held Android platforms and Social networking platforms.
3. Collaborations with eminent IT employers and researchers.
4. Improved consultancy.
5. Become earlier involved with technology development.
6. Standardization in many areas.

Challenges

1. To set advanced research labs in the area of Information technology to cater to the needs of researchers.
2. Rapid Technology advances and related security challenges.
3. Remote support to students.
4. Technological capability versus increasing expectations.



Future plans

- 1) Successfully integrating new technologies with robust infrastructure.
- 2) More Predictive analysis to be done easily and in fastest manner with Big Data Analytics.
- 3) Successfully deploying, integrating, supporting, and managing hand held mobile technology.
- 4) Build collaborative culture and provide effective communication through social media or social networking sites.

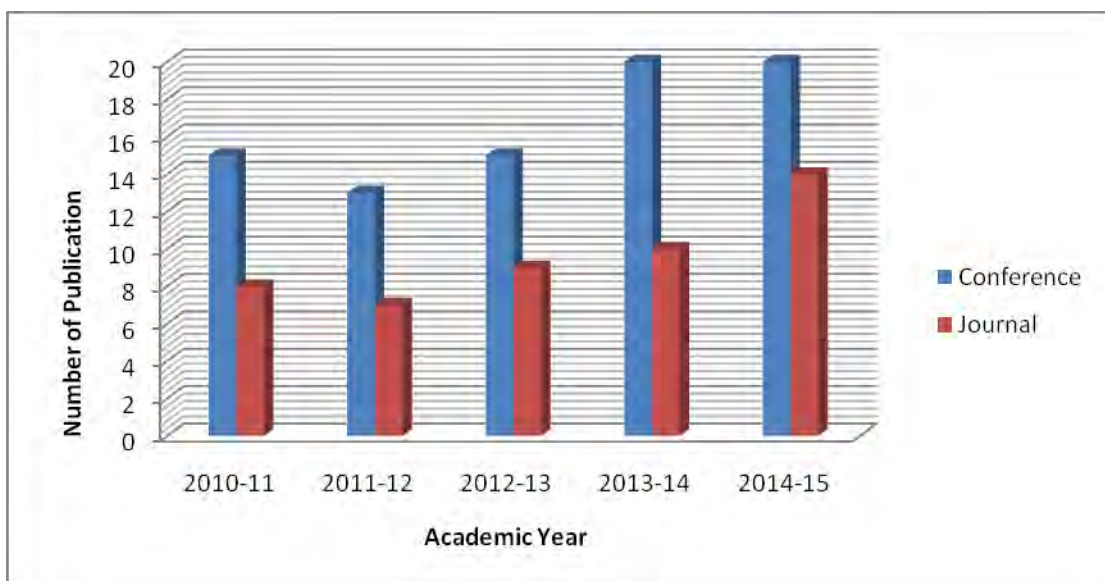
Road Ahead

- 1) Set up an advanced Research laboratory in the area of Information Technology with more focus on applied research.
- 2) To produce world class IT graduates/ researchers /entrepreneurs with improved social sensitivity.

Graphical representation of the data

1. Publication Details with Graph

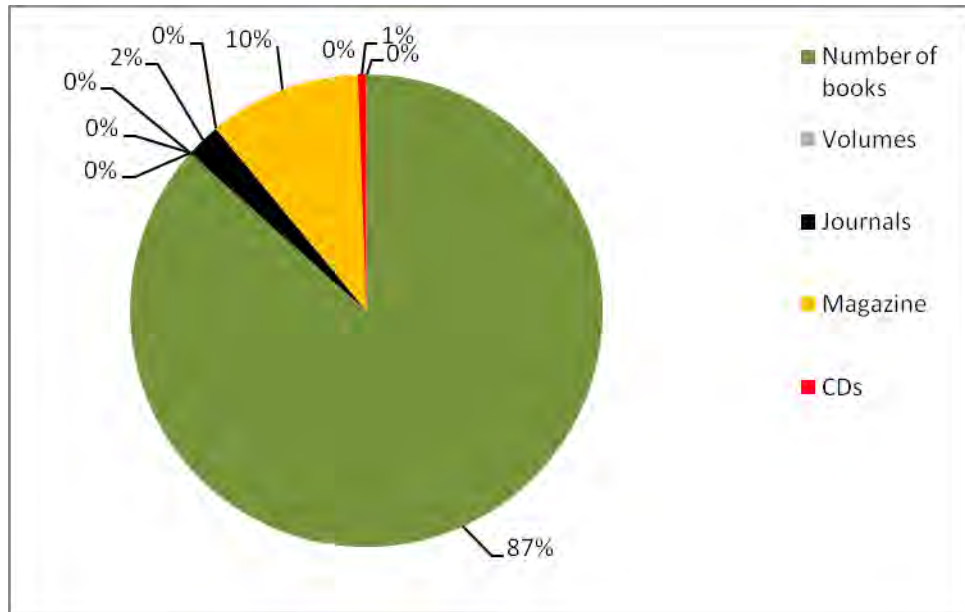
Year	Conference	Journal
2010-11	15	8
2011-12	13	7
2012-13	15	9
2013-14	20	10
2014-15	20	14



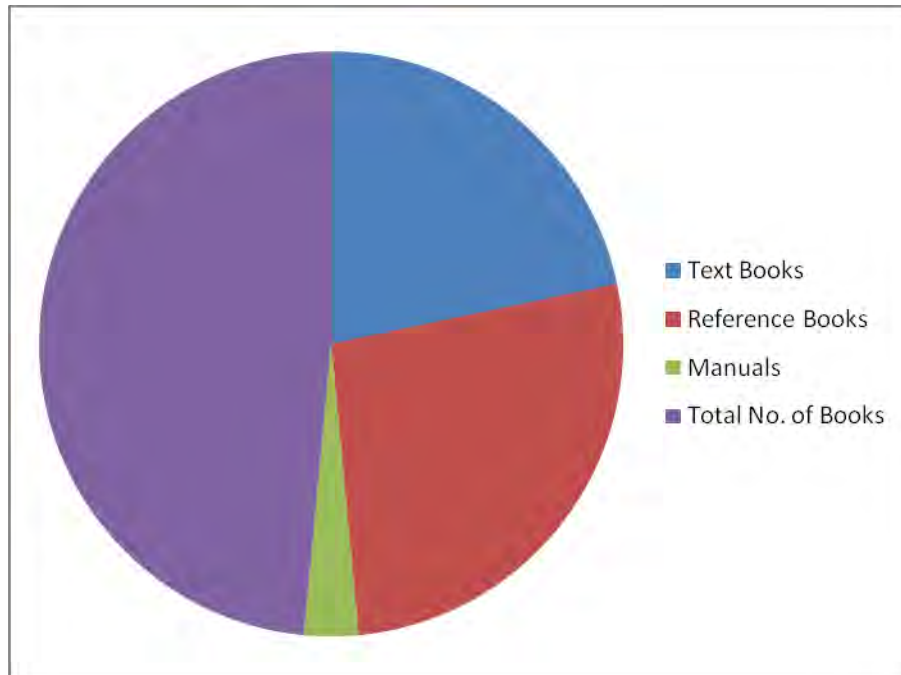


2. Library Details with graph

a. Central Library(Refer Section



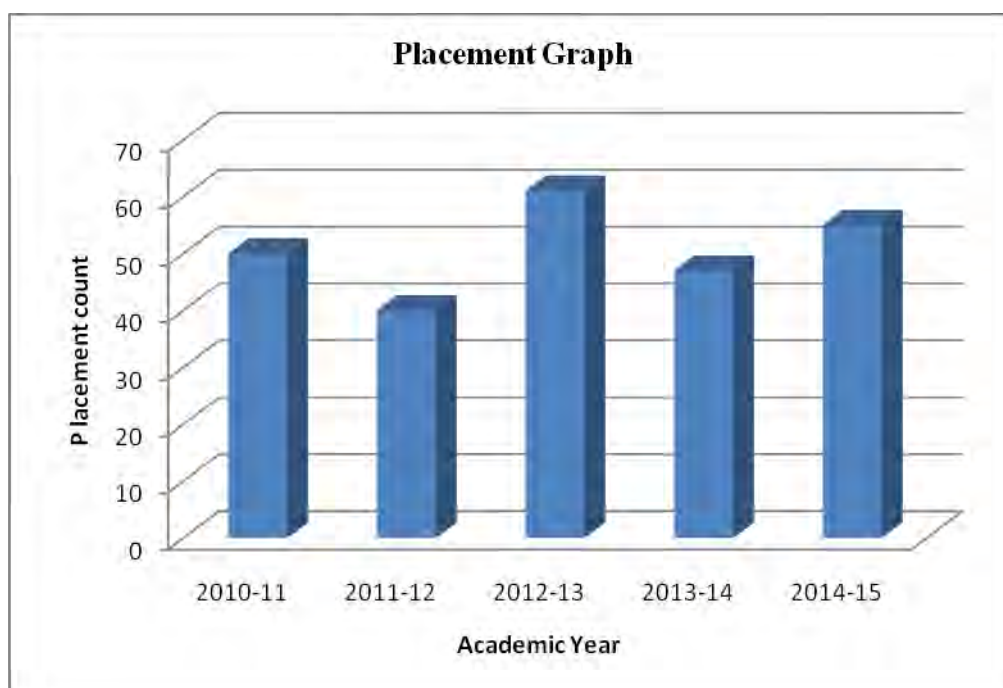
b. Departmental Library(Refer table 30)





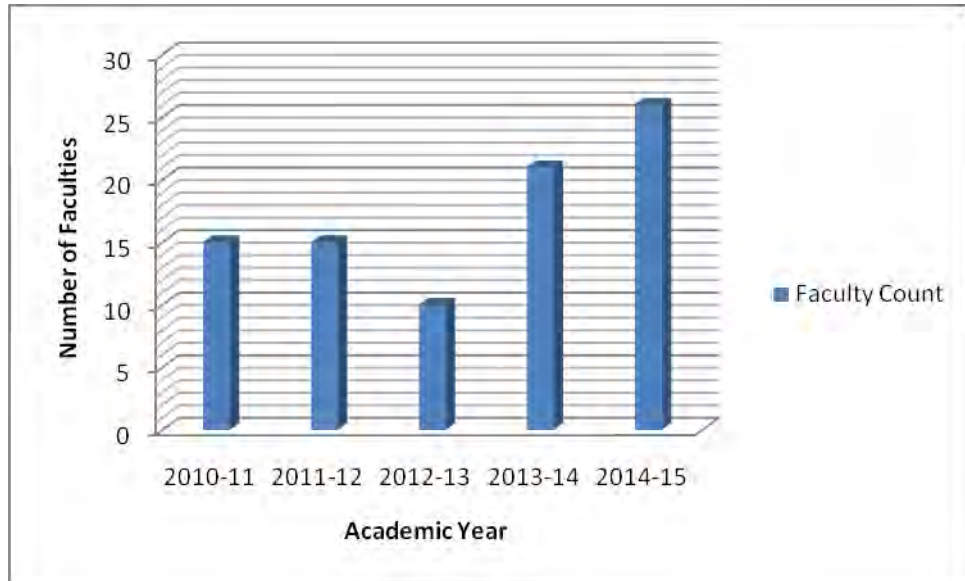
3. Placement Details with graph:

Sr. No	Year	Placement count
1	2010-11	50
2	2011-12	40
3	2012-13	61
4	2013-14	47
5	2014-15	55



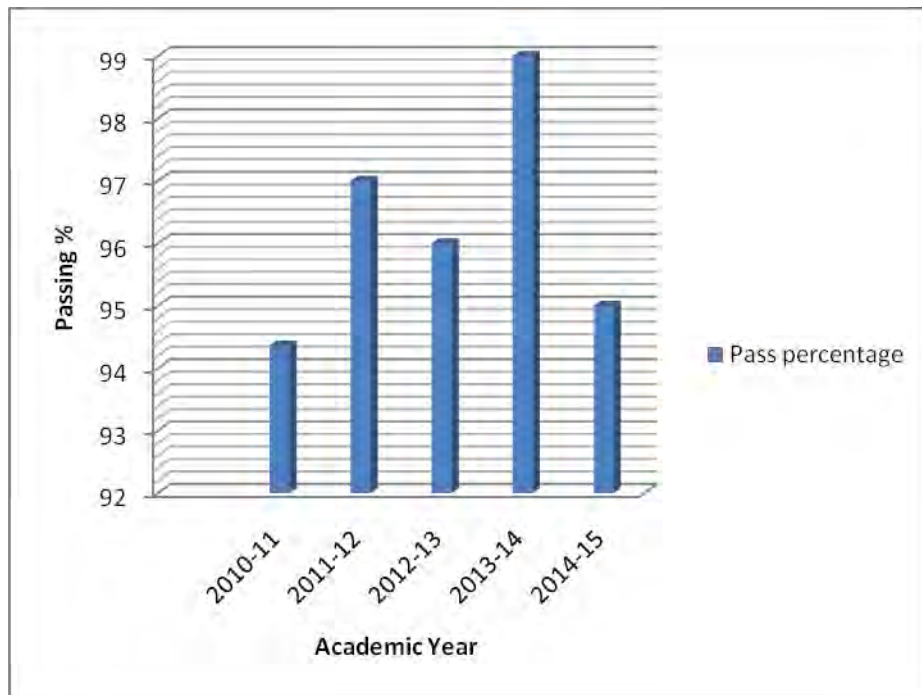
4. Faculty Details Graph

Year	Faculty Count
2010-11	15
2011-12	15
2012-13	10
2013-14	21
2014-15	26



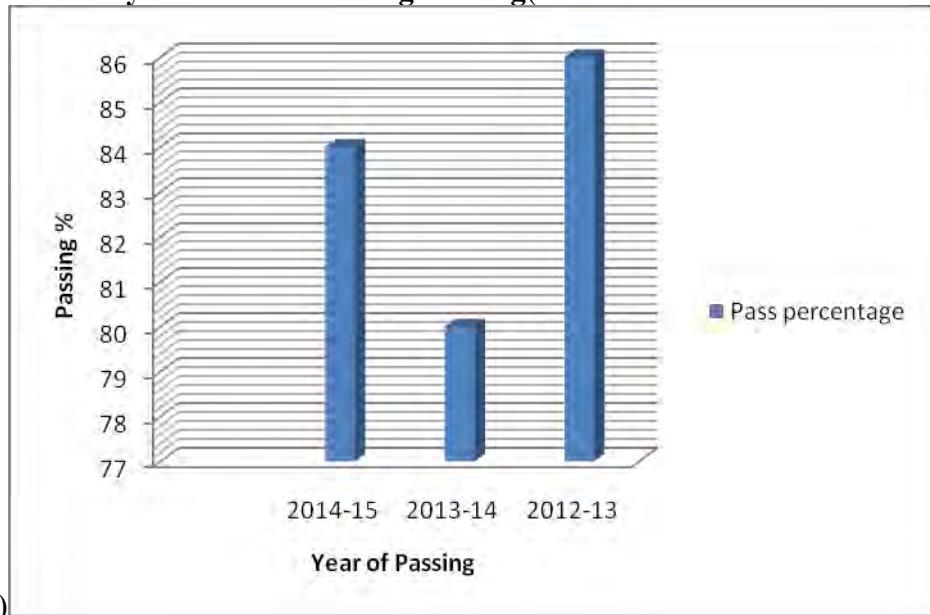
5. Result Analysis Details with graph

a. Result Analysis of Bachelor of Engineering(Refer Section 26)





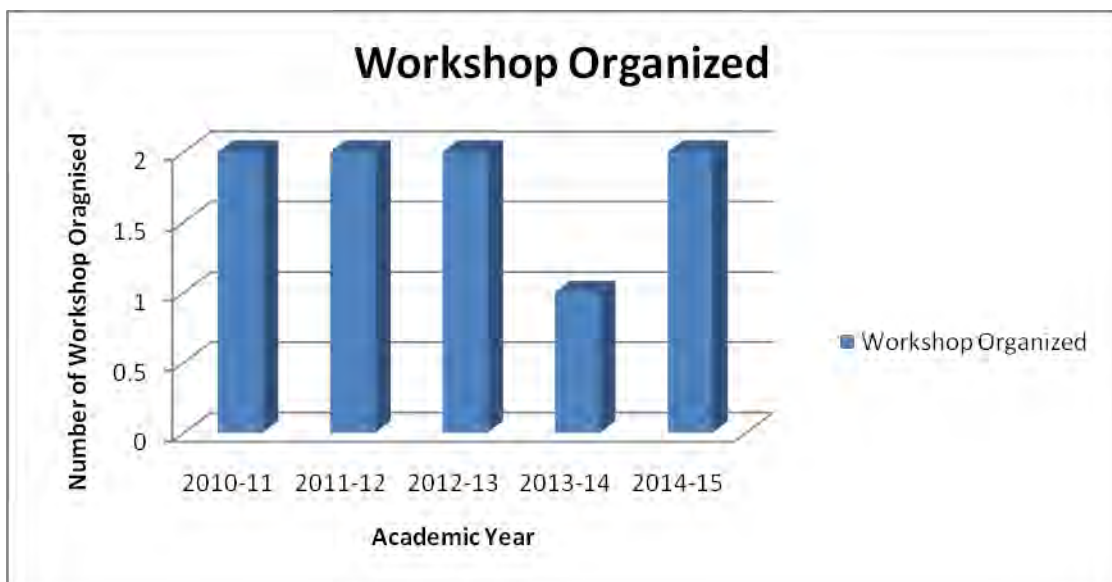
b. Result Analysis of Master of Engineering(Refer Section



26)

Workshop Organized by Department:

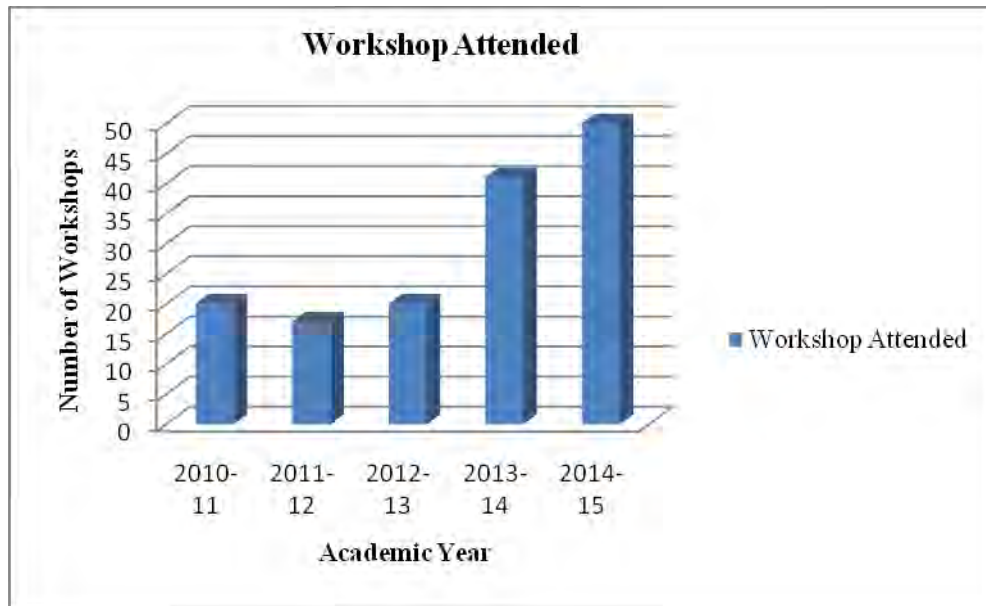
Academic Year	Workshop Organized
2010-11	2
2011-12	2
2012-13	2
2013-14	1
2014-15	2





Workshop Attended:

Academic Year	Workshop Attended
2010-11	20
2011-12	17
2012-13	20
2013-14	41
2014-15	50





Photo's of different activities in Department

I. CO-PO Discussion in the class:





II. Conselling done to students:





III Class Counsellors Meeting:





III. Bio-Gas Car project :



IV. University and Class Toppers :





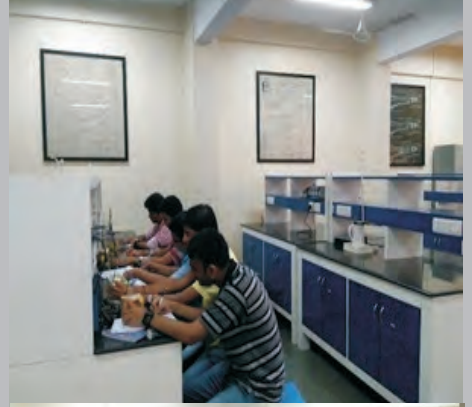
V. Seminar and Expert talks :



VI. Training Sessions:



Engineering Science Department



D Y PATIL
— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY

NAVI MUMBAI



Evaluative Report of the Engineering Sciences Department

1. Name of the Department: Engineering Sciences.

2. Year of Establishment: 1983

3. Name of Programs / Courses: N/A

4. Names of Interdisciplinary courses and the departments/units involved:

Sr. No.	Name of Departments	Subjects offered
1	Computer Engineering.	Structured Programming Approach
2	Electronics Engineering.	Basic Electrical & Electronics Engineering
3	Electronics & Telecommunication Engineering.	Basic Electrical & Electronics Engineering
4	Information Technology.	Structured Programming Approach
5	Instrumentation Engineering.	Basic Electrical & Electronics Engineering

5. Annual/semester/choice based credit system (programme wise):

Presently, it is semester wise credit based grade system (CBGS) effect from 2012-2013. Prior to this, it was semester based system.

6. Participation of the department in the courses offered by other departments:

Sr. No.	Name of Departments	Subjects offered
1	UG program in Computer Engineering.	Applied Mathematics III & IV, Business Communication & Ethics
2	UG Program in Electronics Engineering.	Applied Mathematics III & IV, Business Communication & Ethics
3	UG Program in Electronics & Telecommunication Engineering.	Applied Mathematics III & IV, Business Communication & Ethics
4	UG Program in Information Technology.	Applied Mathematics III & IV, Business Communication & Ethics
5	UG Program in Instrumentation Engineering.	Applied Mathematics III & IV, Business Communication & Ethics



7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Through NPTEL video courses

Sr. No.	Name of the course	Institution
1	NPTEL Video Lectures	IIT

8. **Details of courses/programmes discontinued (if any) with reasons:**
No course or programme discontinued.

9. **Number of Teaching posts:**

Sr. No.	Teaching Posts	Sanctioned	Filled
1	Professors	1	1
2	Associate Professors	40	Filled 40 numbers of Associate & Assistant Professors / Lecturers
3	Asst. Professors		

10. **Faculty profile with name, qualification, designation ,specialization, (D.Sc./D.Lit. /Ph.D./M.Phil.etc.,)**

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr. S. D. Shete	M.Sc. Ph.D.	Professor & H.O.D.	Applied Chemistry	31
2	Mr. V. Y. Barve	M.E. Mech.	Asst. Prof.	Engineering Mechanics & Engineering Drawing	30
3	Mrs. P. S. Shete	M.Sc. Stats	Asst. Prof.	Mathematics	31
4	Mr. S. M. Patil	M.Sc.	Asst. Prof.	Applied Chemistry	30
5	Dr. Swati Bawra	M.Sc. Ph.D.	Asst. Prof.	Applied Physics	25
6	R. Balachandran	M.E. Mech	Asst. Prof.	Engineering Mechanics & Engineering Drawing	30
7	Mr. Y.K. Nehete	B.E., M.S. Mech	Asst. Prof.	Engineering Mechanics & Engineering Drawing	30



Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
8	Mrs. K. N. Muktamani	M.Sc.	Asst. Prof.	Applied Physics	24
9	Dr. Arpita Palchoudhari	M.A. Ph.D.	Asst. Prof.	Communication Skills & BCE	15
10	Mr. N. R. Dasre	M.Sc. Ph.D. Pursuing	Asst. Prof.	Mathematics	11
11	Mrs. Anupama S. Shenoy	M.A. B.Ed.	Asst. Prof.	Communication Skills & BCE	10
12	Mr. V. J. Rane	M.Sc.	Asst. Prof.	Mathematics	04
13	Dr. Pritam Gujarathi-Wani	M.Sc. Ph.D.	Asst. Prof.	Mathematics	07
14	Mrs. Rajani Thakur	M.Sc. M.Phil.	Asst. Prof.	Mathematics	05
15	Mrs. Anita Luthra	M.Sc. M.Phil.	Asst. Prof.	Mathematics	06
16	Mr. Amarnath Nakra	M. Sc.	Asst. Prof.	Applied Physics	18
17	Mr. T. K. Bhangale	M.Sc. B.Ed. M.Phil.	Asst. Prof.	Applied Chemistry	20
18	Mrs. Deepashri Torawane	M.Sc. M.Phil.	Asst. Prof.	Applied Physics	09
19	Mr. Ajinkya P. Lale	M.E. Mech	Asst. Prof.	Engineering Mechanics & Engineering Drawing	07
20	Mr. Ravindra Gode	M.E. Mech.	Asst. Prof.	Engineering Mechanics & Engineering Drawing	16
21	Mr. Sanjay D. Talokar	M.E. Mech.	Asst. Prof.	Engineering Mechanics & Engineering Drawing	16
22	Mr. N. D. Gaikwad	M.Sc.	Asst. Prof.	Applied Physics	06
23	Ms. Rupali Agme	M.Sc. (Ph.D.) (Pursuing)	Asst. Prof.	Applied Chemistry	06



Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
24	Dr. Vijay B. Patil	M.Sc. Ph.D.	Asst. Prof.	Mathematics	07
25	Ms. Shilpa T. Bhangale	M.Sc. M.Phil. (Ph.D.) Pursuing	Asst. Prof.	Mathematics	09
26	Mr. Mali Sandipkumar	M.Sc.	Asst. Prof.	Applied Chemistry	03
27	Mr. K. J. Padalkar	M.E. Mech.	Asst. Prof.	Engineering Mechanics & Engineering Drawing	02
28	Mr. Prashant Jadhav	M.E. Mech.	Asst. Prof.	Engineering Mechanics & Engineering Drawing	07
29	Mr. M. P. Zende	M.Sc.	Asst. Prof.	Mathematics	02
30	Mrs. Nisha Narwani	M.A. M.Phil.	Asst. Prof.	Communication Skills & BCE	05
31	Ms. Mansi Jawale	M.A. English	Asst. Prof.	Communication Skills & BCE	01
32	Mrs. Kadam Suchita	M.E. Mech. (Pursuing)	Asst. Prof.	Engineering Mechanics & Engineering Drawing	01
33	Mrs. Ranju Sinha	M.A. English	Asst. Prof.	Communication Skills & BCE	06

11. List of senior visiting/ expert faculty:

Sr. No	Name of Expert	Organization	Area of Specialization
1	Padmashree Dr. Basu	Director, BARC, Mumbai	Nuclear Physics
2.	Padmashree Dr. Sharad Kale	Outstanding Scientist, Head of Nuclear Agricultural & Biotechnology Division BARC, Mumbai	Renewable Energy, Life Sciences



Sr. No	Name of Expert	Organization	Area of Specialization
3.	Mr.V. Anand	Tata Motors	Green Technology
4.	Dr. Sharad Bharatiya	IIT, Bombay	RADAR Technology
5.	Dr. S. Ghosh	BARC, Mumbai	Biotechnology
6.	Dr. Naba Mandal	TIFR, Mumbai	Neutrino Physics
7.	Padmashree Dr. Sharad Kale	Outstanding Scientist, Head of Nuclear Agricultural & Biotechnology Division BARC, Mumbai	Life Sciences

12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty:

NIL (No temporary faculty recruited in the department)

All the classes are conducted by regular faculty of the department.

13. Student-Teacher Ratio (programmewise):

Name of the Course	UG	PG	PhD.
Ratio	20:1	N/A	N/A

14. Number of academic support staff (technical) and administrative staff;

sanctioned and filled: 01 (technical) + 02 (administrative) = 03

Name of the Post	Sanctioned	Filled
Technical staff	1	1
Administrative staff	2	2
Total	3	3



15. Qualifications of teaching faculty with DSc/D.Lit./Ph.D/Mphil/PG.:

Sr. No.	Highest Qualification	Number of Faculty
1	Ph.D.	5
2	MPhil.	6
3	ME	20
4	ME pursuing	01
5	Total	32

16. Number of faculty with ongoing projects from a) National b) International c) other funding agencies and grants received:

a) National: Total – 03

Sr. No	Name of the Faculty	Title of project	Funding source	Year	Sanctioned Amount (Rs)
1	Dr.S.D.Shete Mr.P.P.Jadhav	Generation of Bio-Methane from kitchen waste by Anaerobic Digestion.	President RAIT	2013-15	5,00,000
2	Dr.S.D.Shete Mr.P.P.Jadhav	Purification of Bio-Methane by using various indigenous methods.	President RAIT	2013-15	3,00,000
3	Dr.S.D.Shete Mrs.Rupali Agme	Qualitative & Quantitative analysis of various gases.	President RAIT	2013-15	1,00,000

b) International: **NIL**



17. Departmental projects funded by AICTE, DST— FIST,UGC, DBT, ICSSR, R.A.E.S. etc. and total grants received:

Sr No	Name of the Faculty	Details of the project/work	Funding Agency	Year (duration)	Amount Sanctioned
1	Dr. Ramesh Vasappannavara [Ph.D.]	Generation of Bio-Methane from kitchen waste by Anaerobic Digestion.	R.A.E.S.	2013-15	
		Purification of Bio-Methane by using various indigenous methods.	R.A.E.S.		
		Qualitative & Quantitative analysis of various gases.	R.A.E.S.		
2	Dr. S. D. Shete	Generation of Bio-Methane from kitchen waste by Anaerobic Digestion.	R.A.E.S.	2013-15	9,00,000/-
		Purification of Bio-Methane by using various indigenous methods.	R.A.E.S.		
		Qualitative & Quantitative analysis of various gases.	R.A.E.S.		
		Extraction and HPLC studies of Medicinal Plants	R.A.E.S.	2007-14	
3	Mr. Prashant P. Jadhav	Generation of Bio-Methane from kitchen waste by Anaerobic Digestion.	R.A.E.S.	2013-15	
		Purification of Bio-Methane	R.A.E.S.		



Sr No	Name of the Faculty	Details of the project/work	Funding Agency	Year (duration)	Amount Sanctioned
		by using various indigenous methods.			
		Qualitative & Quantitative analysis of various gases.	R.A.E.S.		
4	Ms. Rupali N. Agme	Pollution measurement of water and air from various sources by using different type of sensors	R.A.E.S.	2015	Submitted
5	Dr. S. D. Shete	Qualitative testing of Water Samples	R.A.E.S.	2015	Submitted
6	Mr. T. K. Bhangale	Qualitative testing of Water Samples	R.A.E.S.	2015	Submitted
	Mr.S.D.Mali	Qualitative testing of Water Samples	R.A.E.S.	2015	Submitted
7	Mr. S. D. Talokar	Drinking Water Purification by Solar Technology	R.A.E.S.	2015	Submitted
8	Mr. Ravi Gode	Drinking Water Purification by Solar Technology	R.A.E.S.	2015	Submitted
	Mr.Kunal Padalkar	Drinking Water Purification by Solar Technology	R.A.E.S.	2015	Submitted
9	Mr. Ajinkya Lale	Drinking Water Purification by Solar Technology	R.A.E.S.	2015	Submitted



18. Research Centre/facility recognized by the University: N/A

19. Publications:

a) Research papers published in national and international journals by faculty:

Publications Total: 19

Sr. No.	Name of Faculty	Conference		Journals		Total
		National	International	National	International	
1.	Dr. P. C. Wani	-	-	-	3	3
2.	Dr. Vijay B. Patil	1	-	-	3	4
3.	Mr. N. R. Dasre	-	-	-	5	5
4.	Mrs. Rupali Agme	-	-	-	3	3
5.	Mr. Prashant P. Jadhav	-	-	-	1	1
6.	Mr. Ravindra Gode	-	-	-	1	1
7.	Mr. Sanjay Talokar	-	-	-	1	1
8.	Mr. Kunal Padalkar	-	-	-	1	1
	Total	01	-	-	18	19

b) No of publications listed in international database (e.g. Web sciences, Scopus, Humanities International Complete, Google Scholar, etc.): 01

c) BOOKS WRITTEN/EDITED

Sr. No.	Name of faculty	Book Name	Publisher	ISBN/ISSN Number	Year
1.	Dr. S. D. Shete	Applied Chemistry Volume 1	S. Chand	ISBN 81-219-3552-0	2010
2.	Dr. S. D. Shete	Applied Chemistry Volume 2	S. Chand	ISBN 81-219-3353-6	2010
3.	Dr. Swati Bawra	Applied Physics I	C. Jamnadas & Co.		2013
4.	Dr. Swati Bawra	Applied Physics II	C. Jamnadas & Co.		2014
5.	Mr. A. N. Nakra	Environmental Studies	C. Jamnadas & Co.		2014

d) Monographs: NIL



20. Areas of consultancy and income generated

Sr. No.	Name of Faculty	Consultancy Work	Duration	Income Generated
1	Dr. S. D. Shete	Qualitative analysis of Biogas	2013-14	31,000/-
2	Dr. S. D. Shete	Qualitative testing of Water Samples	2014-15	27,000/-

21. Faculty as members in

a) National committees /conferences/Boards

Sr. No.	Name of Faculty	National Committee	Designation
1.	Dr. S. D. Shete	Chairman, UGC (USSC) Selection Committee of University of Mumbai	Applied Chemistry I & II
		Chairman of the "Syllabus Framing Committee" University of Mumbai	Applied Chemistry I & II
		Member of the "Syllabus Framing Committee" Dept. of Biotechnology & Bioinformatics, Padmashree Dr. D. Y. Patil University	Biotechnology & Bioinformatics
		Expert for Analytical Lab Set up at Dept. of Biotechnology & Bioinformatics, Padmashree Dr. D. Y. Patil University	Setting of the Analytical Lab with instruments such as HPLC & GC
2.	Dr. Arpita Palchoudhary	Chairman, UGC (USSC) Selection Committee of University of Mumbai	Communication Skills , Business Communication Ethics
3.	Mr. S. D. Talokar	Member, "Syllabus Framing Committee", University of Mumbai	Engineering Mechanics
4.	Narendrakumar R. Dasre	Member of Organizing committee of „National Conference on Differential Equations And Applications“ organized by Dept. of Mathematics, University of Mumbai.	Member



b) International Committees/ conferences/Boards

Sr. No.	Name of Faculty	International Committee	Designation
1.	Narendrakumar R. Dasre	Member of Reviewer committee, ICMLC-2011, Singapore	Member
		Member of Reviewer committee, ICMET-2011, Dalian, China.	Member

c) Editorial Boards/Reviewer

Sr. No.	Name of Faculty	International Committee	Designation
1	Narendrakumar R. Dasre	AutoSoft Journal, TX, USA.	Member of Reviewer committee,
		International Journal of Advanced Research in Computer Science and Electronics Engineering (IJARCSEE), India.	Member of Reviewer committee,
		Researchers World Journal, India.	Member of Editorial Board
		International Journal of Latest Research in Engineering and Computing, (IJLREC), India.	Member of Reviewer committee,
		Journal of Engineering Computers & Applied Sciences (JECAS), BORJ, USA.	Member of Reviewer committee,
		Journal of Modern Methods in Numerical Mathematics (JMMNM), Egypt.	Member of Reviewer committee,
		International Journal of IT, Engineering and Applied Sciences Research (IJIEASR), INDIA.	Member of Reviewer committee,
		International Journal of Scientific and Engineering Research.	Member of Reviewer Board,
		American Journal of Applied Mathematics, SPG, USA.	Member of Editorial Board,
		Applied and Computational Mathematics, SPG, USA.	Member of Editorial Board,
		Pure and Applied Mathematics Journal, SPG, USA.	Member of Editorial Board,



22. Students Projects: N/A

23. Awards/Recognitions received by faculty and students

a) Awards received by faculty: Total:09

Sr.No.	Name of faculty	Title	Year
1	Dr. S. D. Shete	Best teacher award	Sept 2011
		Certificate of Academic Excellence "2 Star Performer"	2012
		Dronacharya Award	Sept 2012
		Pillar of Strength	Sept 2013
		Lifetime Achievement Award	Sept 2014
2	Mr. V. Y. Barve	Best teacher award	Sept 2013-15
3	Mr. R. Balachandran	Best teacher award	Sept 2014-15
4	Mr. N. R. Dasre	Best teacher award	Sept 2012
		Excellence in Research and Development	Sept 2014-15

b) Awards received by students: 30

A) Academics: 30

Sr.No.	Name of Student	Awards	Year
1	Shetti Ashish Jagdish	Ist in Dept of Comp.	2012-13
2.	Bag Shreetoma S	IInd in Dept of Comp.	2012-13
3.	Aundhkar Renuka J	IIIrd in Dept. of Comp.	2012-13
4.	Jain Aditya Himanshu	Ist in Dept of Elect.	2012-13
5	Rathod Meghnath	IInd in Dept of Elect.	2012-13
6	Gupta Ruchita Rupak	IIIrd in Dept. of Elect.	2012-13
7	Viridi Amandeep Kaur	Ist in Dept of EXTC.	2012-13
8	Shukla Anubhav Kumar	IInd in Dept of EXTC	2012-13
9	Sonar Vaibhav Govindkrishna	IIIrd in Dept. of EXTC	2012-13
10	Parashar Pratik Gajanan	Ist in Dept of IT	2012-13
11	Randhawa Harpreet Sukhvinder	IInd in Dept of IT	2012-13
12	Bhandari Akshay Bhagirath	IIIrd in Dept. of IT	2012-13
13	Pawar Abhijeet Blasaheb	Ist in Dept of INST	2012-13



Sr.No.	Name of Student	Awards	Year
14	Sutar Nishant Avinash	IInd in Dept of INST	2012-13
15	Islam Danyal B.	IIIrd in Dept. of INST	2012-13
16	Jadhav Mayuri Manoj	Ist in Dept of Comp.	2013-14
17	Chikhalikar Sneha Janardan	IInd in Dept of Comp.	2013-14
18	Nakhawa Tanvi Jeetendra	IIIrd in Dept. of Comp.	2013-14
19	Patil Ashwini Tukaram	Ist in Dept of Elect.	2013-14
20	Bhattacharya Animesh Dipankar	IInd in Dept of Elect.	2013-14
21	Konde Aditya Krishna	IIIrd in Dept. of Elect.	2013-14
22	Shaikh Gulam Ambia Islam	Ist in Dept of EXTC.	2013-14
23	Sonawane Bhairav Pramod	IInd in Dept of EXTC	2013-14
24	Choudhary Dinesh Roopram	IIIrd in Dept. of EXTC	2013-14
25	Patel Sushma	Ist in Dept of IT	2013-14
26	Deria Tanuj Swapan	IInd in Dept of IT	2013-14
27	Mishra Himant Rajendra	IIIrd in Dept of IT	2013-14
28	Suryavanshi Nilesh Subhash	Ist in Dept of INST	2013-14
29	Patil Srishti Sunil	IInd in Dept of INST	2013-14
30	Dhawan Manali Govind	IIIrd in Dept. of INST	2013-14
31	Lokapur Pawan Gururaj	Ist in Dept of Comp.	2014-15
32	Londhe Aakanksha Atul	IInd in Dept of Comp.	2014-15
33	Deoghare Akshay Balu	IIIrd in Dept. of Comp.	2014-15
34	Chanodiya Mitesh Mahavir	Ist in Dept of Elect.	2014-15
35	Prajapati Surendra Rajkumar	IInd in Dept of Elect.	2014-15
36	Jathar Sayali Nitin Nikita	IIIrd in Dept. of Elect.	2014-15
37	Yadav Roshany Brahmadev	Ist in Dept of EXTC.	2014-15
38	Phadtare Priya Mandkuma	IInd in Dept of EXTC	2014-15



Sr.No.	Name of Student	Awards	Year
39	Bhadrashette Vaibhavi Vaijanath	IIIrd in Dept. of EXTC	2014-15
40	Gaikar Aslesha Kailash	Ist in Dept of IT	2014-15
41	Pilane Chirag Kashinath Shobha	IInd in Dept of IT	2014-15
42	Sonwane Mayur Dilip Sadhana	IIIrd in Dept of IT	2014-15
43	Deshmukh Pooja Manohar	Ist in Dept of INST	2014-15
44	Prajapati Anjali Kiran Rashmi	IInd in Dept of INST	2014-15
45	Bandodkar Pooja Anil Aarti	IIIrd in Dept. of INST	2014-15

B) Cultural

Sr. No	Name of the student(s)	Cultural activity	Year
1	Waman Siddhi	Skit	2011-12
2	Gaykar Satish	Skit	2011-12
3	Panicker Abhilash	Instrumental	2011-12
4	Gurav Praful	Skit	2012-13
5	Karandikar Swanand	Skit	2012-13
6	Jadhao Aishwarya	Skit	2013-14

C) Sports

Sr. No	Name of the student(s)	Sports activity	Details of the event participated and
1	Gaurav Jha	Cricket	Olympia 2014, RAIT
2	Ashay Madne	Cricket	Olympia 2014, RAIT
3	Akhil Panicker	Football	Olympia 2014, RAIT
4	Sanket Nagrale	Football	Olympia 2014, RAIT
5	Sunil Dhonnar	Kho Kho	Olympia 2014, RAIT



24. List of eminent academicians and scientists/visitors to the department.

Sr. No	Year	Name of Eminent Scientist	Area of Specialization	Organization
1	2015	Padmashree Dr. Basu	Nuclear Physics	Director, BARC, Mumbai
2.	2014	Padmashree Dr. Sharad Kale	Renewable Engery, Life Sciences	Outstanding Scientist, Head of Nuclear Agricultural & Biotechnology Division BARC, Mumbai
3.	2014	Mr. Anand V.	Green Technology	Tata Motors
4.	2015	Dr. Sharad Bharatiya	RADAR Technology	IIT, Bombay
5.	2014	Dr. S. Ghosh	Biotechnology	BARC, Mumbai
6.	2014	Dr. Naba Mondal	Neutrino Physics	TIFR, Mumbai
7.	2015	Padmashree Dr. Sharad Kale	Life Sciences	Outstanding Scientist, Head of Nuclear Agricultural & Biotechnology Division BARC, Mumbai



25. Seminars/Conferences/Workshops organized & the source of funding

a) Seminars

Sr No	Seminar / Conference / Workshop	Name of the event	Duration	Funding Agency	Funds Recieved
1	Seminar	Biogas Technology	02 nd July 2015	R.A.I.T. Nerul	5,000/-

b) Workshops

Sr No	Seminar / Conference / Workshop	Name of the event	Duration	Funding Agency	Funds Recieved
1	Workshop	Orientation Programme on the revised syllabus of Applied Chemistry I & II on the behalf of University of Mumbai	11 th Sept. 2012	University of Mumbai &R.A.I.T.	15,000/-

c) Conferences: NIL

d) Expert Lecures:

Sr No	Seminar / Conference / Workshop	Name of the event	Duration	Funding Agency	Funds Recieved
1	Seminar	CNG from biogas as Automotive Fuel	2014	R.A.I.T. Nerul	5,000/-
2	Seminar	Life science and waste management	19 th August 2015	R.A.I.T. Nerul	5,000/-



26. Student profile programme /coursewise:

Year	Name of Programme	Selected	Enrolled		Pass %
			Male	Female	
2014-15	UG F.E.	872	568	304	50.56
2013-14	UG F.E.	858	589	269	46.5
2012-13	UG F.E.	692	495	197	51.5
2011-12	UG F.E.	486	333	153	41

27. Diversity of Students

Student Diversity

Year of admission	Branch	% of students from Same State	% of students From other state (Outside Maharashtra)
2014-15	C.S.E.	20.87%	0.3%
	I.T.	13.30%	0.6%
	Electronics	23.73%	0.6%
	EXTC	25%	1.26%
	Instru	12.38%	1.376%
2013-14	C.S.E.	20.63%	0.8%
	I.T.	13.87%	0.58%
	Electronics	20.39	0.58%
	EXTC	27.50%	0.81%
	Instru	13.63%	0.58%
2012-13	C.S.E.	19.07%	1.01%
	I.T.	17.74%	0.58%
	Electronics	17.19%	1.01%
	EXTC	26.3%	0.72%
	Instru	17.63%	0.43%
2011-12	C.S.E.	24.48%	1.64%
	I.T.	11.52%	1.23%
	Electronics	24.48%	1.64%
	EXTC	22.84%	1.02%
	Instru	10.69%	0.41%



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.? N/A

29. Student Progression: N/A

30. Details of Infrastructural facilities

Sr. No.	Infrastructural Facility	Details of Items	Numbers
A	Central Library	1. Number of Titles	372
		2. Number of Volumes	6625
		3. Journals	11
		4. Magazines / Periodicals	50
		5. CDs	14
		6. e-Journals	IEEE, SPRINGER, ELSEVIER, SCIENCE DIRECT
B	Departmental library	Number of books	215
C	Internet facility for staff and students	1. Computers	75
		2. Computers with Internet facility	73
		3. Bandwidth	135 Mbps
C	Classrooms with ICT Facilities	Classrooms are equipped with ICT facility and Electronic Podium with mike and speaker	11 (+ Tutorial Room. 01)=12
D	Laboratories	Number of laboratories with worth equipment (amount)	08 (57,25,470/-)



31. Number of students receiving financial assistance from college university, government or other agencies.

Year	Type	No. of Students	Amount
2010-11	SC,ST,VJ,NTDT,SBC,OBC	526	21671200
	Minority	31	775000
	EBC	62	1659244
	Other	29	1659244
2011-12	SC,ST,VJ,NTDT,SBC,OBC	608	26265600
	Minority	15	195000
	EBC	81	2652760
	Other	30	750000
2012-13	SC,ST,VJ,NTDT,SBC,OBC	769	39219000
	Minority	17	335000
	EBC	102	3496050
	Other	34	900000
2013-14	SC,ST,VJ,NTDT,SBC,OBC	1079	62582000
	Minority	21	525000
	EBC	116	4486184
	Other	109	3815000
2014-15	SC,ST,VJ,NTDT,SBC,OBC	1099	81710487
	Minority	19	385000
	EBC	151	6556796
	Other	126	2996000



32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts –

- Workshops: 05
- Seminars: 01
- Total: 06

Sr. No.	Type of Enrichment	Topic	Target Audience	Date	Name of Expert
1	Workshop	Stress Management	F.E. students	13 th – 20 th August 2013	Faculty of Bramha Kumari
2	Seminar	Technical Talk	F.E. students	2014	Dr Zakir Taquvi Ex NASA
3	Workshop	Stress Management	F.E. students	6 th & 7 th Feb 2014	Ramkrishna Mission
4	Workshop	Sahaj Yoga Meditation	F.E. students	2 nd – 5 th March 2015	Faculty of Sahaj Yoga
5	Workshop	Effective Communication	F.E. Students	13 th August 2015	Mr. Mihir Mankand
6	Workshop	Success Mantra of Life	F.E. Students	17 th Sept 2015	Mrs. Jayanti Chavan



33. Teaching innovations adopted to improve student learning:

a) Teaching Innovations

Sr. No.	Teaching Innovations
1.	All class rooms equipped with LCD projector and internet facility.
2	Teaching is Activity Based
3	Application of models.
4	Personal counseling to the weak students in studies.

b) Learning Innovations

Sr. No.	Learning Innovations
1	Revision of topics learned in last lecture.
2	Personal counseling to the weak students in studies.
3	Learning through solving assignments of different data to different students.
4	Continues assessment of students by timely given assignments and timely corrections
5	Additional knowledge gained through arrangements of expert talks.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr. No.	Activity
1.	Teaching childrens of Girija Balgruha.
2.	Sponsoring Children from World Vision
3.	Joy fest for Children of Girija Balgruha with various fun events, food and sports.
4.	Acts of Philanthropy and Rejoice - Fund raising for sponsoring Children.
5.	Alleviating Trouble- by gifting Nixer Grinder to Anand Ashram Old Age, Water Heater to Girija Balgruha
6.	Sonsoring Orphans" School Admission fees.



Sr. No.	Activity
7.	Clean up Drive – cleaned Uran Beach after Ganapati Visarjan.
8.	Christmas Celebration at Girija Balgruha.
9.	Campus Visit of children of Girija Balgruha during Tech fest,- Children participated in some events, viewed some technical events, played sports, interacted with Alumni, Principal of RAIT and Faculty.
10.	The Colors of Holi – Celebrated Holi with the residents of Anand Ashram.
11.	Street Play on Woman’s rights at RAIT campus, Nerul Station , Vashi Station and Panvel Station.
12.	Donation of Computers – for Girija Balgruha.

35. SWOC analysis of the department and Future plans.

Strengths

1. Appointed highly qualified, experienced and dedicated teachers to guide the first year students to make their basic knowledge strong.
2. A stress free environment is provided for newly admitted students with intolerance for any sort of ragging.
3. All the faculty members encourage interaction with the students leading to a student friendly environment that promotes better teaching and learning.
4. The department actively nurtures the newcomers and helps them to adapt to the demands of the new course.
5. The department motivates the students to participate in different cultural activities that leads to their all-round development.

Weakness

1. As first year students are new in the engineering college environment they find it difficult to cope with the new concepts and subjects.
2. The department and the students are constantly striving to get involved in more research work but due to the constraints of the semester pattern and the lengthy syllabus it sometimes becomes an uphill task to undertake such activities.



Opportunities

1. The department seeks to develop the personality of the students through soft skills, serious and spiritual talks, that can help them cope up with the rigors of their academic life.
2. Students are given opportunities to partake in earn and learn schemes that can help them, especially for economically backward students.
3. The students are also given opportunities to learn model technologies through different research project works initiated by department such as Biogas Project, Sci – Tech projects, water testing, etc.

Challenges

1. The challenges faced by the department are related to the generational shifts brought about by the regular updating of technology and communication and the department has to constantly aim to upgrade and update this.
2. The department can easily face this challenge and convert this into an opportunity to become more techno savvy and efficient.

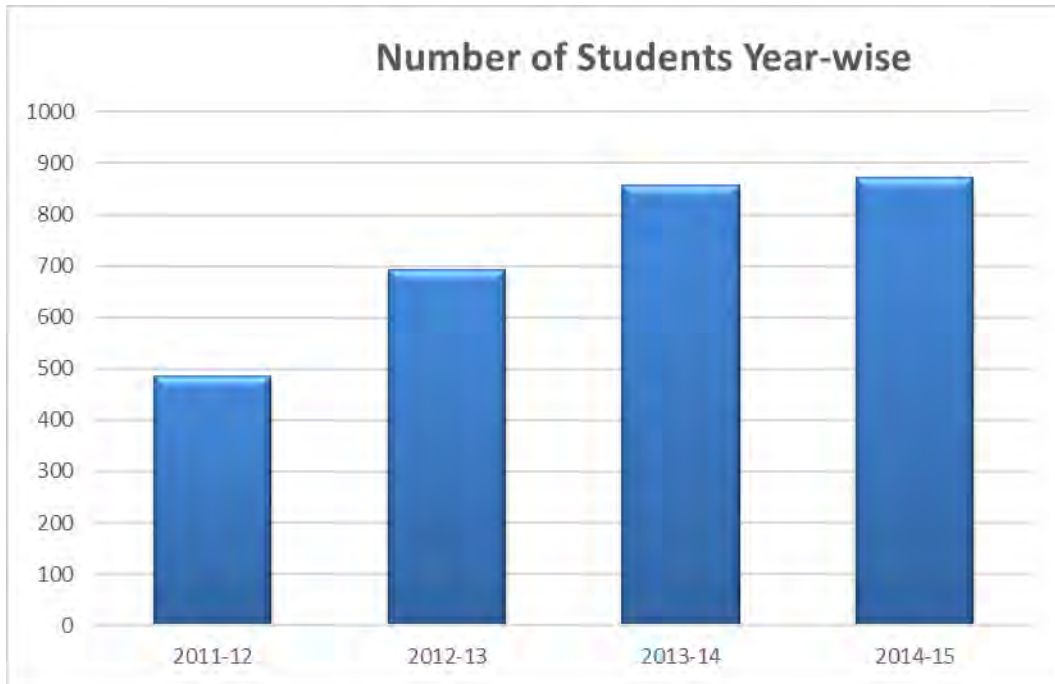
36. Road Ahead and future plans.

- The department plans to initiate projects wherein, the student community can acquire technical skills for the betterment of the institution, society and the environment through projects that help in the use of solar energy, rain water harvesting systems, providing alternatives to conventional sources of fuel energy, etc.
- The department envisages the conduction of programmes to inculcate values in students that can make them physically, emotionally and intellectually fit, to enable them to face the future challenges of the society.
- The department can develop the Sci-Tech club to encourage students and try to create interest in students to explore their hidden talents and skills.
- The students can work on renewable energy sources such as solar energy, wind energy tidal energy, etc.

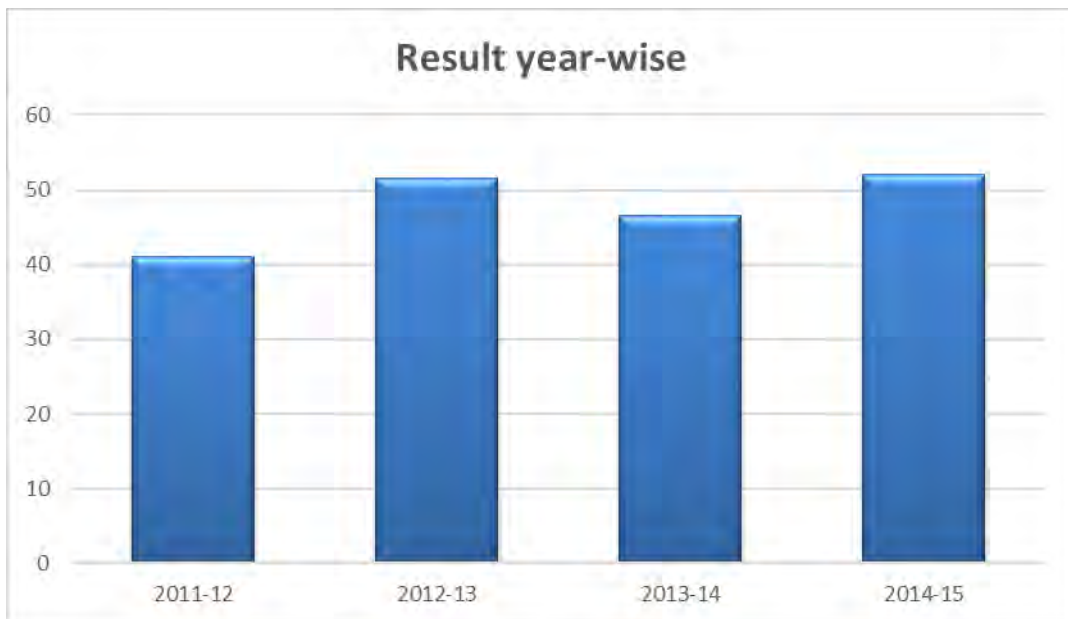


Graphical representation of data

1. Number of Students year-wise

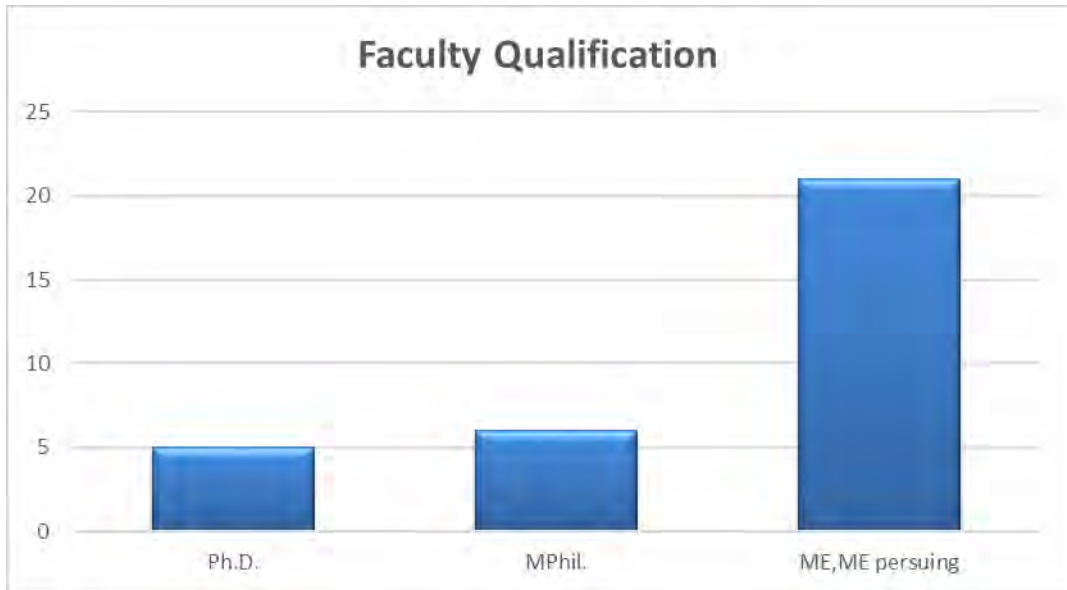


2. Result Year wise

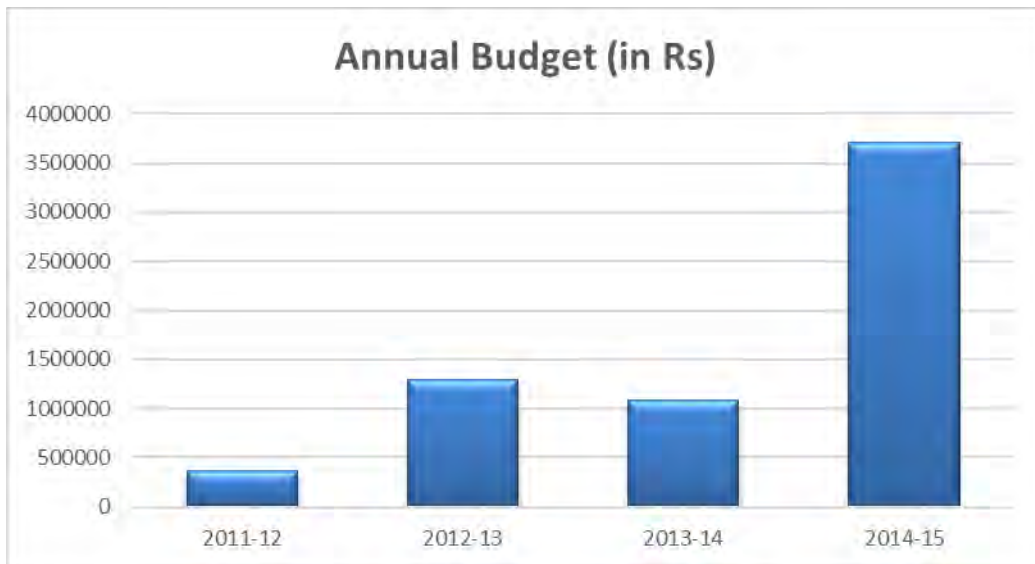




3. Faculty Qualification

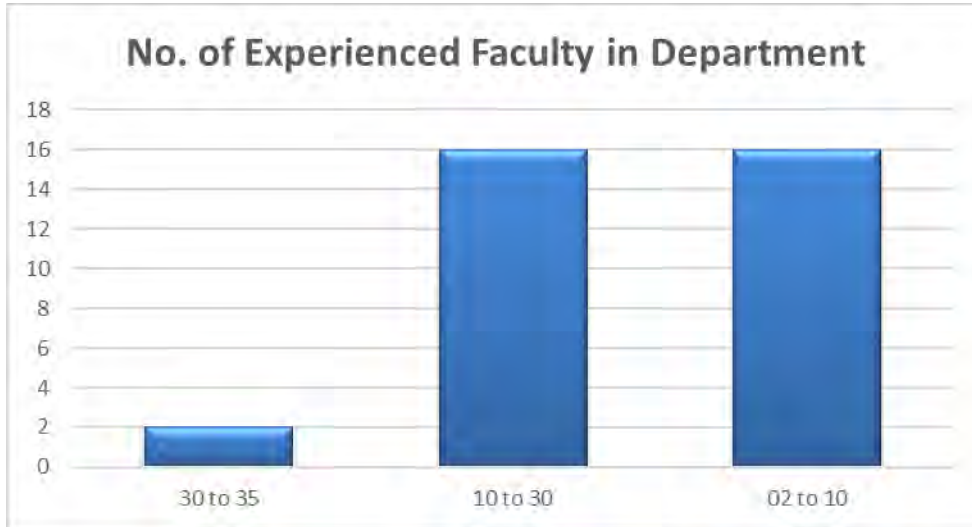


4. Annual Budget

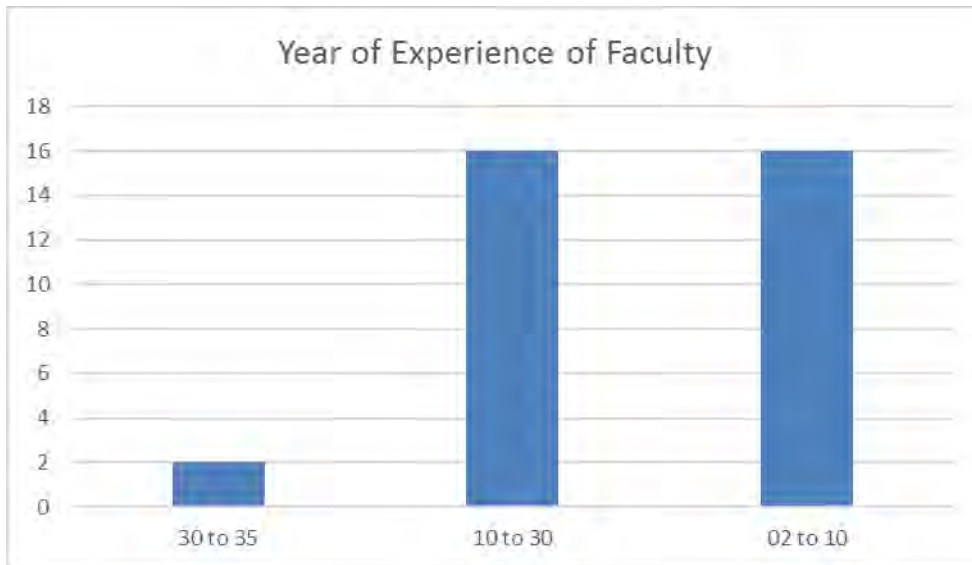




5. No. of Experienced Faculty in Department



6. Year of Experience of Faculty





Applied Chemistry Lab



Applied Physics Lab



Engineering Mechanics



BEEE Lab





D Y PATIL
— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY
NAVI MUMBAI

Ref. No: D18/NAAC/585

Date: 07/10/2015

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after interval discussions and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this provided in this SSR during the peer team visit.

Signature of Head of the Institution

With seal
Principal

Ramrao Adik Institute of Technology
Nerul, Navi Mumbai - 400 706.

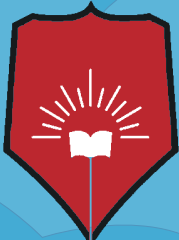
Place: Nerul, Navi Mumbai

Date: 07/10/2015

Dr. D. Y. Patil Vidyannagar,
Sector-7, Phase-1, Nerul,
Navi Mumbai-400706

Tel. : 91 22 27709574,
Fax : 91 22 27709573,
E-mail : principal@rait.ac.in,
Website : www.rait.ac.in

Annexure



D Y PATIL
— RAMRAO ADIK —
INSTITUTE OF
TECHNOLOGY

NAVI MUMBAI

Annexure 1



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-2453814499/2015/EOA

Date: 07-Apr-2015

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2453814499
		Permanent Id	1-4274281
Name of the Institute	RAMRAO ADIK INSTITUTE OF TECHNOLOGY	Institute Address	DR D. Y. PATIL, VIDYANAGAR, SECTOR 7, NERUL, NAVI MUMBAI, THANE, Maharashtra, 400706
Name of the Society/Trust	RAMRAO ADIK EDUCATION SOCIETY	Society/Trust Address	OPP MIG COLONY, ADARASHNAGAR, WORLI.,MUMBAI,MUMBAI CITY,Maharashtra,400025
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2453814499*

Page 1 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:21 April 2015

Printed By : AE039207



Application Id: 1-2453814499			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER ENGINEERING	FULL TIME	Mumbai University, Mumbai	36	36	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	FULL TIME	Mumbai University, Mumbai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	Mumbai University, Mumbai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Mumbai University, Mumbai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INSTRUMENTATION ENGINEERING	FULL TIME	Mumbai University, Mumbai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER ENGINEERING	FULL TIME	Mumbai University, Mumbai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	FULL TIME	Mumbai University, Mumbai	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	Mumbai University, Mumbai	180	180	NA	NA	NA



Application Id: 1-2453814499			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Mumbai University, Mumbai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INSTRUMENTATION ENGINEERING	FULL TIME	Mumbai University, Mumbai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	COMPUTER ENGINEERING	FULL TIME	Mumbai University, Mumbai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	FULL TIME	Mumbai University, Mumbai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	Mumbai University, Mumbai	60	60	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that RAMRAO ADIK INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Application Number: 1-2453814499*

Page 3 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:21 April 2015

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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra
2. **The Director Of Technical Education,**
Maharashtra
3. **The Registrar,**
Mumbai University, Mumbai
4. **The Principal / Director,**
RAMRAO ADIK INSTITUTE OF TECHNOLOGY
DR D. Y. PATIL, VIDYANAGAR, SECTOR 7, NERUL,
NAVI MUMBAI, THANE,
Maharashtra, 400706
5. **The Secretary / Chairman,**
RAMRAO ADIK EDUCATION SOCIETY
OPP MIG COLONY, ADARASHNAGAR, WORLI,,
MUMBAI, MUMBAI CITY,
Maharashtra, 400025
6. **Guard File(AICTE)**

Application Number: 1-2453814499*

Page 4 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:21 April 2015

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Please Acknowledge Communication To The
Member Secretary By Designation

अखिल भारतीय
तकनीकी शिक्षा परिषद्

(भारत सरकार का एक विधिक संस्थान)

डी-47, नई दिल्ली साउथ एक्सटेंशन, भाग-1, नई दिल्ली-110049.

दूरभाष : 4629908, 4620637, 4620643, 4620815

No. F. MS-44/B-III/RC (BB) / 93 / 14127



ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION

(A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

D-47, N.D.S.E., PART-I NEW DELHI-110049

PHONE: 4629908, 4620637, 4620643, 4620815

January 17, 1994

To,

The Secretary,
Education & Employment,
Technical Education Dept.,
Mantralaya Annexe,
Bombay - 400 032.

Sub: AICTE Approval to Ramrao Adik Institute of Technology, New Bombay, Maharashtra, to conduct Engineering Degree courses.

Sir,

I am directed to state that on consideration of the recommendations made by the AICTE Task Force for Maharashtra State, the All India Council for Technical Education has accorded conditional approval to the Ramrao Adik Institute of Technology, New Bombay to conduct the following full time degree courses for two academic years (1993-94 and 1994-95) with annual intake shown against each:

S.No.	Name of the Course	Intake
1.	Computer Engg.	120 (One Hundred Twenty).
2.	Electronics Engg.	120 (One Hundred Twenty).
		240

The approval is subject to fulfilment of the specific and general conditions given below:

- (1) Two Professors and Six Assistant Professors must be appointed by 1.1.1995.
- (2) At least 50% of the existing faculty working on adhoc temporary basis must be appointed permanently on regular scale.
- (3) 10% of the faculty must be given opportunity for upgradation of qualifications/professional development.
- (4) The Management including the Governing Body of the Institute shall be constituted and the Chairman shall be appointed as per the guidelines of the AICTE.
- (5) No new courses shall be started or an on-going course shall be dis-continued by the institution without the prior approval of the AICTE.

[Signature]
17/1/94

- (6) The intake in any year shall not be altered without the prior approval of the AICTE.
- (7) Adequate funds shall be available with the institution to meet the financial obligations of recurring and non-recurring nature including endowment fund, as prescribed by the AICTE.
- (8) All infrastructural, instructional and other facilities shall be provided as per AICTE norms prescribed from time to time.
- (9) Teaching and other staff shall be selected according to the procedure, qualifications, experience and pay scales as prescribed by AICTE from time to time, and that they shall be paid full salaries and allowances regularly and in time.
- (10) The tuition and other fees shall be charged as prescribed by the State Government within the overall criteria/limits prescribed by the AICTE from time to time.
- (11) The institution shall not charge any capitation fee or donation for admission or other higher charges from the students/guardians of the students in any form.
- (12) Admissions shall be made on merits and as per the norms and guidelines of the AICTE.
- (13) The State Government policies for admissions of SC/ST, other weaker sections of Society etc. shall be followed by the institution.
- (14) Institution by virtue of the approval of the AICTE shall not automatically become eligible to receive financial grants or assistance from the Central or State Government.
- (15) Institution shall maintain records and books of accounts as prescribed by the Competent Authority.
- (16) The Accounts of the Institution shall be audited by Chartered Accountant or any agency authorized by the Competent Authority and shall be open for inspection by the AICTE or anybody authorized by it.
- (17) The institution shall be subject to a Special Audit and inspection as prescribed by the AICTE.
- (18) Institution shall furnish requisite returns as prescribed by Competent Authority/AICTE for ensuring maintenance of standards.
- (19) The Institution may be visited by an officer or a Committee of the AICTE or of its Regional Office from time to time to review the progress made by the Institution in fulfilling the conditions as laid down by the AICTE.

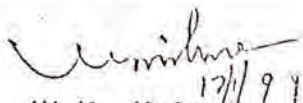
- (21) The Institution shall constitute a Planning and Monitoring Board (PMB) for the continuous monitoring of implementation of norms and standards of the AICTE. There shall be an evaluation of the Institution in a plan period by the AICTE.
- (22) The Institution must submit a duly registered undertaking on non-judicial stamp paper towards fulfilment of conditions in the standard format.

In the event of non-compliance of the guidelines, norms and standards prescribed by the AICTE, the AICTE shall be free to take measures for withdrawal of the approval without consideration of any related issues and that liabilities arising out of such withdrawal would be solely that of the Trust/Society and/or the institution.

This approval is further subject to full compliance with the SCHEME as prescribed by the Supreme Court in its judgement dated 4.2.1993 on W.P. (C) No. 607 of 1992 with other WPs in the case of Unnikrishnan, J.P. and other etc. etc. vs State of Andhra Pradesh and others etc. etc. and the related guidelines and criteria as may be issued by the AICTE, UGC or the Central Government from time to time.

You are requested to kindly take necessary action to implement the decision of the AICTE and communicate the progress made in this regard to the Western Regional Committee (WRC) of the AICTE under intimation to this Office.

Yours faithfully,


(N.K. Koley) 17/1/99
Under-Secretary (Tech.)

Annexure 2



तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दूरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२.

E-mail : Desk2@dte.org.in Internet : http://www.dte.org.in

क्रमांक : २/एनजीसी/मान्यता/२०१४/७३८

दिनांक :

14 JUL 2014

प्रति,

प्राचार्य,

रामराव आदिक एज्युकेशन सोसायटीचे,
रामराव आदिक इन्स्टिट्यूट ऑफ टेक्नॉलॉजी,
डॉ.डी.वाय.पाटील, विद्यानगर,
सेक्टर ७, नेरुळ, नवी मुंबई - ४०० ७०६.

(Institute Code 3174)

विषय : शैक्षणिक वर्ष २०१४-१५ पासून विना-अनुदान तत्वावर नवीन पदवी अभ्यासक्रम सुरु करण्याबाबत.

संदर्भ : १. अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्र. वेस्टर्न/१-२०१४१८६४७७/२०१४/ईओए, दि. ०४.०६.२०१४.

२. शासन निर्णय, क्रमांक - टीईएम - २०१४/प्र.क्र.१५१(ब)/तांशि-४ दि. ०३ जुलै, २०१४.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने दिलेल्या मान्यतेस अनुसरून शासनाने वरील संदर्भाधीन शासन निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २०१४-१५ पासून विना-अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये नवीन पदव्युत्तर पदवी व पदवी अभ्यासक्रम सुरु करण्यास विहित अटीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
१.	इलेक्ट्रॉनिक्स इंजिनिअरींग (द्वितीय पाळी)	६०*

* येथे असे नमूद करण्यात येते की, उपरोक्त अभ्यासक्रमासाठी संदर्भाधीन शासन निर्णयामधील अट क्र.१४ नुसार प्रवेशित विद्यार्थ्यांना राज्य शासनामार्फत राबविण्यात येणारी फी प्रतिपूर्तीची योजना लागू राहणार नाही. याबाबतची सूचना संस्था स्तरावरून विद्यार्थ्यांना देण्यात यावी तसेच याबाबतची माहिती संस्थेच्या संकेतस्थळावरून ठळकपणे नमूद करावी.

सदर अटीपैकी आपण शासन निर्णयात नमूद केलेल्या अटीचे पालन करण्याचे नोंदणीकृत हमीपत्र या संचालनालयास सादर केले आहे.

विहित केलेल्या अटीपैकी खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २०१४-१५ पासून विना अनुदान तत्वावर वरीलप्रमाणे नवीन पदवी अभ्यासक्रम सुरु करण्यास व विद्यार्थ्यांना प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.


१. सदर मंजूरी कायम विना-अनुदान तत्वावर राहिल. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती अनुदान कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.

२. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्र.टीईएम-३३८२/१११८३६/(१९०)/तांशि-१, दि. २१ मे, १९८३ अनवये विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.

३. संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन व भत्ते इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहिल.

४. शैक्षणिक वर्ष २०१४-१५ पासून विना अनुदान तत्वावर नवीन पदवी अभ्यासक्रम सुरु करण्यास नियतद्वे ४.५० लाख, पावती क्र.००४८८०९, दि.११.०७.२०१४, अन्वये दि महानगर को-ऑप.बँक लि., शाखा - नेरुळ, येथे संस्थाचालक व संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात १० वर्षासाठी जमा केलेले आहेत.

५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहित करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहिल.
६. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारू नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या दरापेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकांकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होणा-या सर्व परिणामास संस्था जबाबदार राहिल.
७. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.
८. संचालक, किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद/शासनाच्या मानकाप्रमाणे जागा, इमारत, शिक्षक व शिक्षकेत्तर कर्मचारी व इतर सोयीसुविधा उपलब्ध आहेत किंवा कसे याबाबत संस्थेत केव्हाही अचानक भेट देऊन तपासणी करण्याचे अधिकार राहतील.
९. तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन किंवा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून प्राधिकृत करण्यात आलेले अधिकारी यांस त्यांनी संस्थेचे निरीक्षण करून त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवांबद्दल उचित कार्यवाही करण्याचे अधिकार राहतील.
१०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून घेतल्या जातील.
११. संस्थेला कुलसचिव, मुंबई विद्यापीठ, मुंबई यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.
१२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २०१४-१५ साठी प्रवेश नियमात विहित केलेल्या तरतुदीनुसार केंद्रिभूत प्रवेश प्रक्रियेद्वारे करण्यात येतील.
१३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरूपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरूपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.
१४. रॅगिंग संदर्भात मा.सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोव्हिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ यांची कठोरपणे अंमलबजावणी करणे संस्थेला बंधनकारक आहे.
१५. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमांक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधित व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.
१६. शासनाने, या संचालनालयाने कुलसचिव, मुंबई विद्यापीठ, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उल्लंघन करित असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.
उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.


(**डॉ. सुभाष महाजन**)
संचालक

तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

- प्रत -१. मा. प्रधान सचिव, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना
संदर्भाधीन शासन निर्णयाच्या संदर्भात माहितीसाठी सादर
२. मा.कुलसचिव, मुंबई विद्यापीठ, मुंबई यांना माहिती व कार्यवाहीसाठी सादर.
३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, मुंबई यांना माहितीस्तव.
४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.
५. कार्यासन क्र.३, (आय.टी.सेल) मुख्य कार्यालय, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी.
६. निवड नस्ती.


15/7/14

RAIT		Principal	Registrar	AO	HOD's	Action by	Action by	Remarks	Inward No.	Date
									225	14/7/14



तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दूरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२२०२.

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क्रमांक : २/एनजीसी/मान्यता/२०१३/९१३

दिनांक :

18 JUL 2013

प्रति,
प्राचार्य,

रामराव आदिक एज्युकेशन सोसायटीचे,
रामराव आदिक इन्स्टिट्यूट ऑफ टेक्नॉलॉजी,
डॉ.डी.वाय.पाटील, विद्यानगर,
सेक्टर ७, नेरुळ,
नवी मुंबई - ४०० ७०६.

(Institute Code 3174)

विषय : शैक्षणिक वर्ष २०१३-१४ पासून विना-अनुदान तत्वावर सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यास तसेच नवीन पदवी अभ्यासक्रम सुरु करण्याबाबत.

संदर्भ : १.अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्र. वेस्टर्न/१-१३४३३९१९४१/२०१३/ईओए, दि. १९.०३.२०१३.

२. शासन निर्णय, क्रमांक - टिईएम - २०१३/प्र.क्र.१७७/तांशि-४ दि. १५ मे, २०१३.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने दिलेल्या मान्यतेस अनुसरून शासनाने वरील संदर्भाधीन शासन निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २०१३-१४ पासून विना-अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यास तसेच नवीन पदवी अभ्यासक्रम सुरु करण्यास विहित अटीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
१.	इलेक्ट्रॉनिक्स इंजिनिअरींग	१२०-१८०*
२.	इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग	१२०-१८०*
३.	कॉम्प्युटर इंजिनिअरींग (द्वितीय पाळी)	६०*

*उपरोक्त सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यास तसेच नवीन पदवी अभ्यासक्रम सुरु करण्यास संदर्भाधीन शासन निर्णयामधील अट क्र.१४ नुसार प्रवेशित विद्यार्थ्यांना राज्य शासनामार्फत राबविण्यात येणारी फी प्रतिपूर्तीची योजना लागू राहणार नाही, असे नमूद केले आहे. मात्र मा.उच्च न्यायालय, मुंबई येथील दाखल करण्यात आलेल्या रिट याचिका क्र. ५१९०/२०१३ बाबत दि. १९.०६.२०१३ रोजी झालेल्या सुनावणी नुसार मा.न्यायालयाने दिलेल्या अंतरिम आदेशानुसार राज्यशासनामार्फत राबविण्यात येणारी फी प्रतिपूर्तीची योजना मा.न्यायालयाच्या अंतिम निर्णयाच्या अधिन राहून लागू राहील. याबाबतची सूचना संस्था स्तरावरून विद्यार्थ्यांना देण्यात यावी.

सदर अटीपैकी आपण शासन निर्णयात नमूद केलेल्या अटीचे पालन करण्याचे नोंदणीकृत स्वीपत्र सा संचालनालयास सादर केले आहे.

विहित केलेल्या अटीपैकी खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २०१३-१४ पासून विना-अनुदान तत्वावर वरीलप्रमाणे सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यास तसेच नवीन पदवी अभ्यासक्रम सुरु करण्यास व विद्यार्थ्यांना प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.


- सदर मंजूरी कायम विना-अनुदान तत्वावर राहील. सदर अभ्यासक्रमासाठी शासनाकडून अनुदान कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.
- शासन निर्णय, शिक्षण व सेवायोजन विभाग क्र.टिईएम-३३८२/११९८३६/(१९०)/तांशि-१, दि. १५ मे, २०१३ अनवये विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.
- संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन व भत्ते

RAI	
२०१३-१४ पासून विना	अनुदान तत्वावर वरीलप्रमाणे
अभ्यासक्रमाची प्रवेशक्षमता	वाढविण्यास तसेच नवीन पदवी
अभ्यासक्रम सुरु करण्यास	व विद्यार्थ्यांना प्रवेश देण्यास
या संचालनालयाकडून	अंतिम परवानगी देण्यात येत आहे.
अनुदान कोणत्याही परिस्थितीत	व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.
शासन निर्णय, शिक्षण व सेवायोजन	विभाग क्र.टिईएम-३३८२/११९८३६/(१९०)/तांशि-१, दि. १५ मे, २०१३ अनवये
विना-अनुदान तंत्रशिक्षण संस्थांना	शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.
संस्थेने अभ्यासक्रम चालविण्यास	पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण
परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते	कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन व भत्ते
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Action by	Remarks
Board No.	३११८
Date	15/11/13

इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहिल.

४. शैक्षणिक वर्ष २०१३-१४ पासून विना अनुदान तत्वावर सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यास तसेच नवीन पदवी अभ्यासक्रम सुरु करण्यास नियतवेळ म्हणून रु. ७.५० लाख पावती क्र. ००४८१८० दि. ३०.०५.२०१३ अन्वये, दि महानगर को-ऑप. बँक लि., शाखा - नेरुळ, येथे संस्थाचालक व संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात १० वर्षासाठी जमा केलेले आहेत.
५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहित करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहिल.
६. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारू नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या दरापेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकांकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होणा-या सर्व परिणामास संस्था जबाबदार राहिल.
७. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.
८. संचालक, किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद/शासनाच्या मानकाप्रमाणे जागा, इमारत, शिक्षक व शिक्षकेत्तर कर्मचारी व इतर सोयीसुविधा उपलब्ध आहेत किंवा कसे याबाबत संस्थेत केव्हाही अचानक भेट देऊन तपासणी करण्याचे अधिकार राहतील.
९. तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन किंवा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून प्राधिकृत करण्यात आलेले अधिकारी यांस त्यांनी संस्थेचे निरीक्षण करून त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवांबद्दल उचित कार्यवाही करण्याचे अधिकार राहतील.
१०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून घेतल्या जातील.
११. संस्थेला कुलसचिव मुंबई विद्यापीठ, मुंबई यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.
१२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २०१३-१४ साठी प्रवेश नियमात विहित केलेल्या तरतुदीनुसार केंद्रिभूत प्रवेश प्रक्रियेद्वारे करण्यात येतील.
१३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरूपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरूपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.
१४. रॅगिंग संदर्भात मा.सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोव्हिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ यांची कठोरपणे अंमलबजावणी करणे संस्थेला बंधनकारक आहे.
१५. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमाक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधीत व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.
१६. शासनाने, या संचालनालयाने कुलसचिव, मुंबई विद्यापीठ, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उल्लंघन करीत असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.

उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.


(डॉ.सुभाष महाजन)
प्र. संचालक

तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

१. मा. प्रधान सचिव, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना
२. मा. कुलसचिव, मुंबई विद्यापीठ, मुंबई यांना माहिती व कार्यवाहीसाठी सादर.
३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय मुंबई यांना माहितीस्तव.
४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.
५. कार्यासन क्र.३, (आय.टी.सेल) मुख्य कार्यालय, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी.
६. निवेड तस्ती.

Encl: 1

DIRECTORATE OF TECHNICAL EDUCATION
MAHARASHTRA STATE
B, MAHAPALIKA MARG, P. B. NO. 1907, BOMBAY 400 001.

No. 10 - TU - 1084 - 37998

Date: 19 JUN 1984

To

The President,
Shri. Ramnar. Kelik Institute of Technology
Opp. Kankar Bhavan, C.B.D. Sector 4,
New Bombay.

Sir, Permission to start Polytechnic/
Engineering Colleges catering for
Degree/Diploma courses in Engineering/
Technology/Pharmacy on "NO GRANT BASIS"

Sir,

Ref: (i) This office letter No. 10/TU/1083/35302 dt. 11th July 83
(ii) This office letter No. 10/TU/1083/37998 dt. 11th July 83

With reference to Government letter, Education and

Employment Department No. G.O. 4953/113555 (223) TE-1 (1)

dated 5th July 1983 addressed to you and copy endorsed to this
office on the subject mentioned above, you are hereby permitted
to start the Engineering College/Polytechnic/Pharmacy Institute
with 240 intake capacity catering for Degree/Diploma in
Engineering/Pharmacy from the academic session 1984-85

The coursewise intake capacity and the tuition fees
per student per year, per course are as under:-

S.No.	Course	Intake	Tuition fee per student per year
1.	Computer Engineering	120 (one hundred twenty)	Rs. 6500/- (Rs. six thousand five hundred only)
2.	Electronics	120 (one hundred twenty)	Rs. 6300/- (Rs. six thousand three hundred only)

This permission is purely provisional and valid upto _____ and subject to the fulfillment of the conditions laid down by Government of Maharashtra vide G.O. Education and Employment No. TEM-3331/111330(190)/TE-1-AA dated 21.5.83 which are accepted by you.

It is further informed that you should keep in Fixed Deposit of not less than 5 years period, the balance amount of Rs. _____ (Rs. _____ lacs) out of the total amount of bank deposit of Rs. _____ (Rs. _____ lacs) in the joint name of your Society and the Director of Technical Education, as mentioned below :-

Rs. _____ (Rs. _____ lacs) only on or before _____

Rs. _____ (Rs. _____ lacs) only on or before _____

You are NOT permitted to CHARGE the FEES other than permitted and only for the courses approved by this office.

Yours faithfully,

(G.S.KADU)
(G.S.KADU)
Director of Technical Education
Maharashtra State, Bombay

Encl:

- (G.S.KADU)
Director of Technical Education
Maharashtra State, Bombay
- i) Rules of admission
 - ii) Constitution of Governing Board and other Sub-Committees.
 - iii) Government Resolution, Education & Employment Department No. GEC-4482-125101-(219)-TE-1A, dated 19th May, 1983.
 - iv) Recruitment Rules for staff
 - v) Copy of Agreement fulfillment.

Copy (with compliments) forwarded to the Vice-Chancellor, Bombay University, Bombay for information and necessary action.

Copy forwarded to the Chairman, Board of Technical Examinations, Maharashtra State, Bombay, for information and necessary action.



तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३ महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२.

तार - EDUTECH

E-mail : Desk2@dte.org.in Internet : http://www.dte.org.in

क्रमांक : २/एनजीसी/मान्यता/२०१२/७७५२
दिनांक :

15 OCT 2012

प्रति,
प्राचार्य,
रामराव आदिक एज्युकेशन सोसायटीचे,
रामराव आदिक इन्स्टिट्यूट ऑफ टेक्नॉलॉजी,
डॉ.डी.वाय.पाटील विद्यानगर, सेक्टर -७,
फेज -१, नेरुळ, नवी मुंबई - ४०० ७०६.

(Institute Code 3174)

विषय : शैक्षणिक वर्ष २०१२-१३ पासून विना-अनुदान तत्वावर नवीन अभ्यासक्रम सुरु करण्यास व सुरु असलेल्या अभ्यासक्रमाच्या प्रवेशक्षमतेत बदल करण्यास परवानगी देण्याबाबत.

संदर्भ : १. अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्र. वेस्टर्न/१-७१९८९०७३४/२०१२/ईओए, दि. १० मे, २०१२.

२. शासन निर्णय, क्रमांक- टिईएम -२०१२/प्र.क्र.९८(भाग- १)/तांशि-४ दि ३०.०६.२०१२.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने दिलेल्या मान्यतेस अनुसरून शासनाने वरील संदर्भाधीन शासन निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २०१२-१३ पासून विना-अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये नवीन पदव्युत्तर पदवी व पदवी अभ्यासक्रम सुरु करण्यास तसेच सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यासाठी विहित अटीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
१.	एम.ई.इन्स्ट्रुमेंटेशन	१८
२.	एम.ई.इन्फॉर्मेशन टेक्नॉलॉजी	१८
३.	इन्स्ट्रुमेंटेशन इंजिनिअरींग	६०-१२०
४.	इन्फॉर्मेशन टेक्नॉलॉजी	६०-१२०
५.	इलेक्ट्रॉनिक्स अॅन्ड टेलिकम्युनिकेशन (द्वितीय पाळी)	६०

सदर अटीपैकी आपण शासन निर्णयात नमूद केलेल्या अटीचे पालन करण्याचे नोंदणीकृत हमीपत्र या संचालनालयास सादर केले आहे.

विहित केलेल्या अटीपैकी खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २०१२-१३ पासून विना अनुदान तत्वावर वरीलप्रमाणे नवीन पदव्युत्तर पदवी व पदवी अभ्यासक्रम सुरु करण्यास तसेच सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यासाठी व विद्यार्थ्यांना प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.

- सदर मंजूरी कायम विना-अनुदान तत्वावर राहिल. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती अनुदान कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.
- शासन निर्णय, शिक्षण व सेवायोजन विभाग क्र.टिईएम-३३८२/११९८३६/(१९०)/तांशि-१, दि. २१ मे, १९८३ अनवये विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.
- संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन व भत्ते इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहिल.
- शैक्षणिक वर्ष २०१२-१३ पासून विना अनुदान तत्वावर नवीन पदव्युत्तर पदवी व पदवी अभ्यासक्रम सुरु करण्यास तसेच सुरु असलेल्या पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यासाठी नियतठेव म्हणून रु. १३.५० लाख खाते क्र. ०१७९७०६,

R. A. I. T.

Nerul, inward

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S. No. 8/10/2012/72

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Date 8/10/12

Sign. [Signature]

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- दि. १२.०९.२०१२ अन्वये दि महानगर को.ऑप. बँक लि., शाखा - नेरुळ येथे संस्थाचालक व संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात १० वर्षासाठी जमा केलेले आहेत.
५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहित करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहिल.
 ६. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारू नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या दरापेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकाकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होणा-या सर्व परिणामास संस्था जबाबदार राहिल.
 ७. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.
 ८. संचालक, किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद/शासनाच्या मानकाप्रमाणे जागा, इमारत, शिक्षक व शिक्षकेत्तर कर्मचारी व इतर सोयीसुविधा उपलब्ध आहेत किंवा कसे याबाबत संस्थेत केव्हाही अचानक भेट देऊन तपासणी करण्याचे अधिकार राहतील.
 ९. तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन किंवा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून प्राधिकृत करण्यात आलेले अधिकारी यांस त्यांनी संस्थेचे निरीक्षण करून त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवांबद्दल उचित कार्यवाही करण्याचे अधिकार राहतील.
 १०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा कुलसचिव, मुंबई विद्यापीठ, मुंबई यांच्याकडून घेतल्या जातील.
 ११. संस्थेला कुलसचिव मुंबई विद्यापीठ, मुंबई यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.
 १२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २०१२-१३ साठी प्रवेश नियमात विहित केलेल्या तरतुदीनुसार केंद्रिभूत प्रवेश पत्रियेद्वारे करण्यात येतील.
 १३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरूपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरूपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.
 १४. रॅगिंग संदर्भात मा.सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोव्हिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ यांची कठोरपणे अंमलबजावणी करणे संस्थेला बंधनकारक आहे.
 १५. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमाक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधीत व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.
 १६. शासनाने, या संचालनालयाने कुलसचिव, मुंबई विद्यापीठ, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उल्लंघन करित असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.
उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.



(डॉ.सुभाष महाजन)

प्र. संचालक

तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

- प्रत - १. मा. प्रधान सचिव, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना
संदर्भाधीन शासन निर्णयाच्या संदर्भात माहितीसाठी सादर.
२. मा. कुलसचिव मुंबई विद्यापीठ, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी सादर.
३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, मुंबई यांना माहितीस्तव.
४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.
५. कार्यासन क्र.३, (आय.टी.सेल) मुख्य कार्यालय, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी.
६. निवड नस्ती.



तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२.

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दिनांक :

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प्रति,

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रामराव आदिक एज्युकेशन सोसायटीचे,

रामराव आदिक इन्स्टिट्यूट ऑफ टेक्नॉलॉजी,

डॉ.डी.वाय.पाटील विद्यानगर, सेक्टर ७,

फेज-१, नेरुळ, नवी मुंबई - ४०० ७०६.

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विषय : शैक्षणिक वर्ष २०११-१२ पासून विना-अनुदान तत्वावर नवीन अभ्यासक्रम सुरु करण्यास व सुरु असलेल्या अभ्यासक्रमाच्या प्रवेशक्षमतेत बदल करण्यास परवानगी देण्याबाबत.

संदर्भ : शासन निर्णय, क्रमांक- संकिर्ण -२०११/(२१३/२०११)/तांशि-४ दि. ३० जून, २०११.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने दिलेल्या मान्यतेस अनुसरून शासनाने वरील संदर्भाधीन शासन निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २०११-१२ पासून विना-अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये पदवी व पदव्युत्तर पदवी अभ्यासक्रमाच्या प्रवेशक्षमतेत वाढ करण्यास व नवीन पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास विहित अटीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
०१.	इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग	९०-१२०
०२.	एम.ई.कॉम्प्युटर इंजिनिअरींग	१८-३६
०३.	एम.ई.इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरींग	१८

सदर अटीपैकी आपण शासन निर्णयात नमूद केलेल्या अटीचे पालन करण्याचे नोंदणीकृत हमीपत्र या संचालनालयास सादर केले आहे.

विहित केलेल्या अटीपैकी खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २०११-१२ पासून विना अनुदान तत्वावर वरीलप्रमाणे पदवी व पदव्युत्तर पदवी अभ्यासक्रमाच्या प्रवेशक्षमतेत वाढ करण्यास व नवीन पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास व विद्यार्थ्यांना प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.

- सदर मंजूरी कायम विना-अनुदान तत्वावर राहिल. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती अनुदान कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.
- शासन निर्णय, शिक्षण व सेवायोजन विभाग क्र.टिईएम-३३८२/१११८३६/(१९०)/तांशि-१, दि. २१ मे, १९८३ अनवये विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटीव शर्ती आपणास बंधनकारक असतील.
- संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन व भत्ते इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहिल.
- शैक्षणिक वर्ष २०११-१२ पासून विना अनुदान तत्वावर पदव्युत्तर पदवी अभ्यासक्रमाची प्रवेशक्षमता वाढविण्यासाठी नियतठेव म्हणून रु.१.०० लाख खाते क्र.०१७९३५३, दि.१९.०१.२०१२ तसेच नवीन पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यासाठी नियतठेव म्हणून रु. २.०० लाख खाते क्र.०१७९२२८ दि.२१.१०.२०११ दि महानगर को-ऑप बँक लि., शाखा - नेरुळ अन्वये संस्थाचालक व संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात ५ वर्षासाठी जमा केलेले आहेत.

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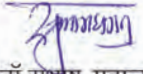
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५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहित करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहिल.
६. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारू नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या दरापेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकाकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होणा-या सर्व परिणामास संस्था जबाबदार राहिल.
७. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व **कुलसचिव, मुंबई विद्यापीठ, मुंबई** यांच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपुर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.
८. संचालक, किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद/शासनाच्या मानकाप्रमाणे जागा, इमारत, शिक्षक व शिक्षकेत्तर कर्मचारी व इतर सोयीसुविधा उपलब्ध आहेत किंवा कसे याबाबत संस्थेत केव्हाही अचानक भेट देऊन तपासणी करण्याचे अधिकार राहतील.
९. तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन किंवा **कुलसचिव, मुंबई विद्यापीठ, मुंबई** यांच्याकडून प्राधिकृत करण्यात आलेले अधिकारी यांस त्यांनी संस्थेचे निरीक्षण करून त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवांबद्दल उचित कार्यवाही करण्याचे अधिकार राहतील.
१०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा **कुलसचिव, मुंबई विद्यापीठ, मुंबई** यांच्याकडून घेतल्या जातील.
११. संस्थेला **कुलसचिव मुंबई विद्यापीठ, मुंबई** यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.
१२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २०११-१२ साठी प्रवेश नियमात विहित केलेल्या तरतुदीनुसार केंद्रिभूत प्रवेश पक्रियेद्वारे करण्यात येतील.
१३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरूपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरूपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.
१४. रॅगिंग संदर्भात मा.सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोव्हिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ यांची कठोरपणे अंमलबजावणी करणे संस्थेला बंधनकारक आहे.
१५. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमाक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधीत व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.
१६. शासनाने, या संचालनालयाने **कुलसचिव, मुंबई विद्यापीठ, मुंबई** व अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उल्लंघन करीत असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.

उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.


(डॉ.सुभाष महाजन)
प्र. संचालक,

तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

प्रत,

१. मा. प्रधान सचिव, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना संदर्भाधीन शासन निर्णयाच्या संदर्भात माहितीसाठी सादर.
२. मा. **कुलसचिव, मुंबई विद्यापीठ, मुंबई** यांना माहिती व योग्य कार्यवाहीसाठी सादर.
३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, मुंबई यांना माहितीस्तव.
४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.
५. कार्यासन क्र.३, (आय.टी.सेल) मुख्य कार्यालय, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी.
६. निवड नस्ती.



तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.
दूरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२.
तार - EDUTECH E-mail : Desk2@dte.org.in Internet : http://www.dte.org.in

क्रमांक : २/एनजीसी/मान्यता/२००५/४७८

दिनांक : २२ जून २००५

प्रति
प्राचार्य,
रामराव आदिक एज्युकेशन सोसायटीचे
रामराव आदिक इन्स्टिट्यूट ऑफ टेक्नॉलॉजी,
डॉ.डी.वाय.पाटील विद्यानगर, सेक्टर-७, फेज-१, नेरुळ,
नवी मुंबई-४०० ७०६.

विषय- शैक्षणिक वर्ष २००४-२००५ पासून विना अनुदान तत्वावर एम.ई (इलेक्ट्रॉनिक्स इंजि)
व (कॉम्प्युटर इंजि) हे अभ्यासक्रम सुरु करण्यास परवानगी देण्याबाबत.

संदर्भ- उच्च व तंत्रशिक्षण विभागाचा शासन निर्णय क्रमांक टिईएम-२००४/(४९४/०४)
तांशि-१, दिनांक ३० सप्टेंबर २००४

उपरोक्त विषयाच्या संदर्भात आपणांस कळविण्यांत येते की , अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्रमांक पीजी/एमएस/एम.ई/२००४/सीएसई/००७७, दि.२१/८/२००४ व पीजी/एमएस/एम.ई/२००४/सीएसई/०१३५, दि.२४/८/२००४ अन्वये दिलेल्या परवानगीस अनुसरून शासनाने संदर्भाधीन शासन निर्णय दिनांक ३०/९/२००४ अन्वये आपल्या संस्थेस शैक्षणिक वर्ष २००४-२००५ पासून विना अनुदान तत्वावर खालील एम.ई (इलेक्ट्रॉनिक्स इंजि) व (कॉम्प्युटर इंजि) अभ्यासक्रम सुरु करण्यास काही अटी व शर्तीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
१	एम.ई (इलेक्ट्रॉनिक्स इंजि) (१० जनरल + ५ नामनिर्देशित + ३ एस.सी./एस.टी))	१८
२	एम.ई (कॉम्प्युटर इंजि) (१० जनरल + ५ नामनिर्देशित + ३ एस.सी./एस.टी))	१८

त्यापैकी आपण प्रत्येक अभ्यासक्रमासाठी रु.२.०० लाख याप्रमाणे एकूण रु.४.०० लाख दि महानगर को.ऑ.बँक लि. नेरुळ शाखा येथे पावती क्रमांक ०१७६२९५ , दिनांक २७/४/२००५ अन्वये संयुक्त खात्यात ५ वर्षासाठी जमा केलेले आहेत. तसेच रु.१००/- च्या स्टॅम्प पेपरवर शर्ती व अटी मान्य असल्याबाबतचे नोंदणीकृत हमीपत्र संचालनालयास सादर केलेले आहे.

विहित केलेल्या अटीपैकी उरलेल्या खालील अटी व शर्तीच्या अधिन राहून उपरोक्त नमूद केलेला अभ्यासक्रम सन २००४-२००५ पासून विना अनुदान तत्वावर सुरु करण्यास व विद्यार्थ्यांस प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यांत येत आहे.

- सदर मंजूरी कायम विना अनुदान तत्वावर राहिल.
- सदर अभ्यासक्रमांची प्रत्येकी प्रवेशक्षमता १८ पर्यंतच मर्यादित राहिल.

३. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्रमांक टिईएम ३३८२/१११८३६/(१९०)तांशि-१(अ), दिनांक २१ मे १९८३ अन्वये विना अनुदान तंत्रशिक्षण संस्थांना परवानगी देण्यासाठी शासनाने विहित केलेल्या अटी व शर्ती संस्थेस बंधनकारक असतील.
४. शासनाने / विद्यापीठाने विहित केलेले नियम व अटी पाळणे संस्थेस बंधनकारक राहिल.
५. प्रस्तावित अभ्यासक्रमाच्या संलग्नीकरणास संस्थेने मुंबई विद्यापीठ, मुंबई यांची मान्यता घेणे आवश्यक आहे. त्यासाठी मुंबई विद्यापीठ, मुंबई यांचेकडून यथोचित माहिती घेण्यांत यावी.
६. विना अनुदान तत्वावर चालणा-या व्यवस्थापकीय महाविद्यालयांच्या बाबतीत अखिल भारतीय तंत्रशिक्षण परिषद व राज्यशासन, विद्यापीठ व तंत्रशिक्षण संचालनालय म.रा. मुंबई यांचेकडून वेळोवेळी विहित करण्यात येणारे नियम, प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क यासंबंधीच्या निर्णयाचे पालन करणे संस्थेला बंधनकारक असेल.
७. महाराष्ट्र शासन, विद्यापीठ व अखिल भारतीय तंत्रशिक्षण परिषदेच्या नियमानुसार शिक्षक कर्मचारी नेमावे व शिक्षक कर्मचा-यांना शासन, विद्यापीठ व अखिल भारतीय तंत्रशिक्षण परिषदेच्या नियमानुसार वेतन व भत्ते तसेच इतर सुविधा देण्यांत याव्यात. तसेच संस्थेबद्दल कर्मचारी व विद्यार्थ्यांच्या तक्रारी आल्यास संस्थेविरुद्ध कडक कारवाई करण्यांत येईल.
८. संस्थेतील प्रयोगशाळा, कर्मशाळा व आरक्षण कक्ष हे अखिल भारतीय तंत्रशिक्षण परिषद व विद्यापीठाच्या नियमानुसार आवश्यक ती यंत्रसामुग्री, उपकरणे फर्निचर इ. ची खरेदी करून सुसज्ज करणे आवश्यक राहिल.
९. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके,नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व विद्यापीठाच्या मानकानुसार खरेदी करणे आवश्यक आहे तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.
१०. या संचालनालयाने, मुंबई विद्यापीठ, मुंबई किंवा शासन किंवा त्यांनी प्राधिकृत करण्यांत आलेले अधिकारी यांस संस्थेचे निरीक्षण करण्यास व त्या निरीक्षणाअंती आढळून येणा-या उर्णाबाबदल उचित कार्यवाही करण्याचे अधिकार असतील.
११. सदर संस्था संचालक,तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमाच्या परीक्षा मुंबई विद्यापीठ, मुंबई यांच्यामार्फत घेतल्या जातील.
१२. जर संस्था विद्यापीठाच्या मानकानुसार आवश्यक त्या सुविधा उपलब्ध करू न शकल्यास किंवा शासनाने, या संचालनालयाने, संबंधित विद्यापीठाने वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे उल्लंघन करित असल्यास सदरचा अभ्यासक्रम बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनाने राहतील.

(प्रा. न. बा. परसतकर)

संचालक,

तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई.

प्रत-

१. मा प्रधान सचिव,उच्च व तंत्रशिक्षण विभाग,मंत्रालय विस्तार भवन,मुंबई-३२ यांना माहितीसाठी सादर
२. कुलगुरु मुंबई विद्यापीठ, मुंबई यांना माहिती साठी सादर.
३. सहसंचालक,तंत्रशिक्षण विभागीय कार्यालय, मुंबई यांना माहिती व योग्य त्या कार्यवाहीसाठी.
४. श्री.एन.बी.पाटील,सिस्टिम अर्नालिस्ट यांना माहितीसाठी.
५. कार्यासन क्रमांक १० मुख्य कार्यालय, मुंबई यांना माहितीसाठी.
६. निवड नस्ती.

**URGENT/COURIER**

Th./ICD/2014-15/5846

Mumbai-400 032,

20th January, 2015.

The Principal,

**Ramrao Adik Education Society's,
Ramrao Adik Institute of technology,
Dr. D. Y Patil Vidyanagar,
Sector-7, Phase-I, Nerul,
Navi Mumbai – 400 706.**

Sir,

This has reference to your proposal dated 28th August, 2013, Continuation of Recognition to enroll students for **Ph.D.(Technology)** degree in the branch of **Computer Engineering and Electronics Engineering** from the year 2014-15.

In this connection, I write to inform you that the report of the Local Inquiry Committee for Continuation of Recognition to enroll students for the **Ph.D. (Technology)** degree in the branches of **Computer and Electronics Engineering** placed before Board of University Teaching and Research (B.U.T.R.) in the Faculty of Technology at its meeting held on 19th September, 2014 vide item No. **21**, when it was resolved as under:-

“Resolved that the report of the Local Inquiry Committee be accepted and Permission be granted to **Ramrao Adik Education Society's, Ramrao Adik Institute of technology, Dr. D. Y Patil Vidyanagar, Sector-7, Phase-I, Nerul, Navi Mumbai – 400 706**, for **Continuation of Recognition** of Ten (10) students each for the **Ph.D.(Technology)** degree in the branches of **Computer Engineering and Electronics Engineering** for the period of 5 years from the acadmic year 2014-15 subject to conditions to the satisfaction to the Academic Council :-

- a) Assitional Expenditure, Equipment, Laboratory Space, Journal Safety measures etc. shuld be specified clearly.
- b) For the Institute the vacancies for the enrollment & registration of the students shall be advertised and 50% of the students' enrolled/registered shall be graduates of the University of Mumbai who are not employee of institute. The admission to these shall be granted on the recommendation of the Committee, which will have a representative of the University of Mumbai.
The admission process shal be communicated to the University of Mumbai.
- c) The facility at the In statute / Center hall is made available to the other students of the University of Mumba.
- d) The Institute / Center shall provided stipends to the students/enrolled/registered.
- e) The recognized teachers of the Inbstitute/center shall contribute in Postgraduate teaching programme of the University of Mumbai and make their services available for conduction of University examination whenever required.
- f) The Institute shall make a yearly report on the work done for the information of BUTR, Academic Council and Management Council.
- g) Institute will comply to following:-
 - 1) At least one approved Ph.D. teacher from within the internal faculty of the college for **Computer Engineering and Electronics Engineering**.

The above recommendations have been accepted by the Academic Council at its meeting held on **23rd September, 2014** vide item No **8.1**

In pursuance to the above resolution of the Board of University Teaching and Research (B.U.T.R.), I am to inform you that **Ramrao Adik Education Society's, Ramrao Adik Institute of technology, Dr. D. Y Patil Vidyanagar, Sector-7, Phase-I, Nerul, Navi Mumbai – 400 706,** has been granted permission for Continuation of Recognition to enroll Ten (10) students each for the **Ph.D.(Technology)** degree in the branches of **Computer Engineering and Electronics Engineering**, for period of Five Years (5) from the acadmic year 2014-15, subject to the condition mentioned above.

Further, you are requested to pay the fees of Rs. 6,000,00/-(Six lakhs only) towards the Continuation of Recognition for the acadmic year 2015-16 to 2018-19 , since, you have remitted short payment at the earlier and submit the proposal for continuation of recognition for the acadmic year 2019-20, with the prescribed fee to the University.

Yours faithfully,

Yogini Surve
for Controller of Examination

RAIT	
Principal	
Registrar	
AO	
HOD's	
Action by	
Action by	
Remarks	
Inward No.	345
Date	27/11/15

University of Mumbai



No.PG/2/ICD/2015-16/ 504
Mumbai-400 032.
18th June, 2015.

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector 7, Phase-1,
Nerul, Navi Mumbai- 400 706.

Sir/ Madam,

With reference to our letter No. PG/2/ICD/2014-15/1289 dated 18th October, 2014 regarding local inquiry committee for Continuation of Affiliation for **M.E.** degree course (by papers) in the branches of **Computer Engineering, Electronics Engineering, Electronics & Telecommunication Engineering, Information Technology and Instrumentation Engineering** for the academic year **2015-16.**

In this connection, I am directed to inform you that the recommendation made by the **Board of University Teaching and Research** for the Faculty of **Technology** at its meeting held on **05th March, 2015** (vide item No.12), has been approved by the **Academic Council** at its meeting held on **29th May, 2015** (vide item No. 8.7) and that, in accordance therewith your college has been granted permission for continuation of affiliation for **M.E.** degree course (by papers) in the branches of **Computer Engineering** with intake capacity of 36 students and **Electronics Engineering, Electronics & Telecommunication Engineering, Information Technology and Instrumentation Engineering** with intake capacity of 18 students in each branch for the academic year **2015-16.**

Yours faithfully,

Offg. Deputy Registrar
Post Graduate Studies Section

RAIT						
Principa						
Registra						
AC						
HOD's						
Action by						
Action by						
Remarks						
Inward No.					430	
Date						24/6/15

University of Mumbai

URGENT /BY HAND



No.Aff./ICD/2015-16/(24)274

Mumbai – 400 032

9th June 2015
17/6

To

The Principal
Ramrao Adik Education Society's Ramrao Adik Institute of Technology
Dr. D.Y. Patil Vidya Nagar
Sector-7, Phase I, Nerul
Navi Mumbai - 400706
Email : rait@rait.ac.in /

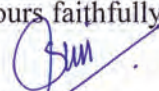
1

Sir/Madam,

With reference to your proposal for the continuation/extension of affiliation, I am directed to inform you that the continuation/extension of affiliation has been granted for the following under-graduate degree courses for the academic year 2015-16.

Name of the Course/s	Intake
Computer Engineering	120
Electronics & Telecommunication Engg.	180
Information Technology	120
Electronics Engineering	180
Instrumentation Engineering	120
Electronics & Telecommunication Engg. (2nd Shift)	60
Computer Engg. (2nd Shift)	60
Electronics Engineering (2nd Shift)	60

Yours faithfully,


(AQUEEL AHMAD)
ASSISTANT REGISTRAR
Affiliation Section-I

University of Mumbai



URGENT/BY HAND/COURIER

Th./ICD/2011-12/13926

MUMBAI-400 032.

27th February, 2012.

The Principal,
Ramrao Adik Institute
of Technology,
Dr. D. Y. Patil,
Vidyanagar,
Sector-7, Nerul,
Navi Mumbai-400 706.

Sir,

This has reference to your letter No. RAIT/Thesis/371 dated 27th September, 2010, granting for extension of recognition to enroll the students for Ph. D.(Tech.) degree in the subject of Computer Engineering.

In this connection, I write to inform you that the report of the committee for enrolling students for the Ph. D. (Tech.) degree in the subject of Computer Engineering was considered by the Board of University Teaching and Research (B.U.T.R.) for the faculty of Technology at its meeting held on 10th May, 2011 **vide** item No. 19, when it was resolved as under:-

"Resolved that the report of the Local Inquiry Committee be accepted and that in accordance therewith, it be recommended to the Academic Council that Ramrao Adik Institute of Technology, Dr. D. Y. Patil, Vidyanagar, Sector-7, Nerul, Navi Mumbai-400 706, **be granted the permission for extension of recognition to enroll ten (10) students for the Ph. D. (Tech.) in the subject of Computer Engineering.**

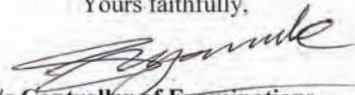
The above recommendation has been accepted by the Academic Council at its meeting held on 8th December, 2011 **vide** item No. 8.1.

Pursuant to the above resolution of the Board of University Teaching and Research (B.U.T.R.) for the faculty of Technology, I am directed to inform you that the Ramrao Adik Institute of Technology, Dr. D. Y. Patil, Vidyanagar, Sector-7, Nerul, Navi Mumbai-400 706, **be granted the permission for extension of recognition to enroll ten (10) students for the Ph. D. (Tech.) in the subject of Computer Engineering for a period of three year from 2011-12.**


Further, you are requested to send the proposal for continuation of recognition to said course and subject before six months prior to expiry date of recognition.

The official receipt No. 36232, dated 1st October, 2010, for Rs. 1,00,000 (One Lakhs only) towards fees for extension of recognition for enrolling the students for the Ph.D. (Tech.) degree in the subjects of Computer Engineering is enclosed herewith.

Yours faithfully,


I/c Controller of Examinations.

R. A. I. T.
Nerul, Inward

S. No. 21
Date 5/3/2012
Sign. 
File ... p.m.s. / patil's. off.

University of Mumbai



URGENT/BY HAND/COURIER

Th./ICD/2011-12/3932

MUMBAI-400 032.

27/2 February, 2012.

The Principal,
Ramrao Adik Institute
of Technology,
Dr. D. Y. Patil Vidyanagar,
Sector-7, Nerul,
Navi Mumbai-400 706.

Sir,

This has reference to your letter No. RAIT/Thesis/371 dated 27th September, 2010, granting for extension of recognition to enroll the students for Ph. D.(Tech.) degree in the subject of Electronics Engineering.

In this connection, I write to inform you that the report of the committee for enrolling students for the Ph. D. (Tech.) degree in the subject of Electronics Engineering was considered by the Board of University Teaching and Research (B.U.T.R.) for the faculty of Technology at its meeting held on 10th May, 2011 **vide** item No. 22, when it was resolved as under:-

“Resolved that the report of the Local Inquiry Committee be accepted and that in accordance therewith, it be recommended to the Academic Council that Ramrao Adik Institute of Technology, Dr. D. Y. Patil Vidyanagar, Sector-7, Nerul, Navi Mumbai-400 706, **be granted the permission for extension of recognition to enroll 10 students for the Ph. D. (Tech.) in the subject of Electronics Engineering.**

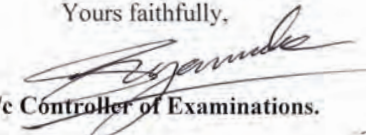
The above recommendation has been accepted by the Academic Council at its meeting held on 8th December, 2011 **vide** item No. 8.1.

Pursuant to the above resolution of the Board of University Teaching and Research (B.U.T.R.) for the faculty of Technology, I am directed to inform you that the Ramrao Adik Institute of Technology, Dr. D. Y. Patil Vidyanagar, Sector-7, Nerul, Navi Mumbai-400 706, be granted the permission for extension of recognition to enroll 10 students for the Ph. D. (Tech.) in the subject of Electronics Engineering for a period of three years form 2011-12.

Further, you are requested to send the proposal for continuation of recognition to said course and subject before six months prior to expiry date of recognition.

The official receipt No. 36234, dated 10th October, 2010, for Rs. 1,00,000(Rupees One Lakhs only) towards fees for extension of recognition for enrolling the students for the Ph.D. (Tech.) degree in the subjects of Electronics Engineering is enclosed herewith.

Yours faithfully,


I/c Controller of Examinations.

R. A. I. T.
Nerul, Inward

S. No. 22

Date 5/3/2012

Sign. 

File .. 

University of Mumbai



URGENT/BY HAND

No. Aff./Recog.-/I ⁴⁰⁰⁵ of 2008
Mumbai-400 032
27th June, 2008.

The Principal,
Ramrao Adik Institute of Technology,
Dr. D. Y. Patil Vidyanagar,
Sector 7, Nerul,
Navi Mumbai-400 706.

Sir,

With reference to your application requested to grant permanent affiliation to your college from the academic year 2004-05, I am to inform you that the Academic Council at its meeting held on 15th April, 2008 vide item No.347 considered the recommendation of the Board of College and University Development at its meeting held on 11th February, 2008 vide item No.6 and resolved as under -

"...It was resolved that the recommendation be accepted and that, in accordance therewith, the permanent affiliation be granted under Section 88 of the Maharashtra Universities Act, 1994 for teaching of the courses of study for the Bachelor of Engineering examinations in the branches of (1) Electronics Engineering, (2) Computer Engineering, (3) Information Technology, (4) Instrumentation Engineering and (5) Electronics and Telecommunication Engineering from the academic year 2004-2005 to the Ramrao Adik Institute of Technology, Dr.D.Y. Patil Vidyanagar, Sector 7, Nerul, Navi Mumbai "

In pursuance of the resolution of the Academic Council, I am to inform you that the Ramrao Adik Institute of Technology, Dr D.Y. Patil Vidyanagar, Sector 7, Nerul, Navi Mumbai has been granted permanent affiliation under Section 88 of the Maharashtra Universities Act, 1994 for teaching of the courses of study for the Bachelor of Engineering examinations in the branches of (1) Electronics Engineering, (2) Computer Engineering, (3) Information Technology, (4) Instrumentation Engineering and (5) Electronics and Telecommunication Engineering from the academic year 2004-2005.

R. A. I. T.

Nerul, Inward

S. No. 593

Date 3/7/08

Sign. [Signature]

Post [Signature] off

Yours faithfully,

[Signature]
(PRIN. K. VENKATRAMANI)
REGISTRAR

39.
115-
27/95

It was resolved that the report of the Local Inquiry Committee be approved and in accordance therewith the affiliation of the Ramrao Adik Institute of Technology, Kurl, New Bombay -

- A. be continued for the teaching of the courses of study for the examinations leading to an B.E. degree course in the branches of (1) Electrical Engineering and (2) Computer Engineering, for a period of 2 years i.e. for the academic years 1992-93 and 1993-94; and

- 24 -

- B. be further continued for the teaching of the courses of study for the examinations leading to the B.E. degree course in the branches of (1) Electronics Engineering and (2) Computer Engineering, with intake of 120 students in each branch for a period of five years from the academic year 1994-95,-

subject to the fulfilment of the following conditions:-
That the college authorities have given an undertaking in writing -

- 1. that they will meet deficits, if any, by making an outright grant to the college from their own funds.
- 2a. that they will take necessary steps to fill up the vacant posts of teaching following procedure of appointments as laid down by the University.
- b. that they will report the position to teaching staff every year at the end of the each academic year to the University;
- 3. that they will provide common room facility to the boys students;
- 4. that they will obtain approval from the All India Council for Technical Education, New Delhi, for the conduct of Electronics Engineering and Computer Engineering courses for the award of B. E. Degree listed by Stat. R. 1995.
- 5. that they will send to the University progress report towards compliance of the above conditions by the end of June of each academic year.

University of Mumbai



No.CONCOL/SA/ 157³ of 2004,
Mumbai - 400 032,
27th February, 2004.

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector-7, Nerul,
Navi Mumbai - 400 706.

Sub : Approval of appointments of teachers .

Sir,

Please refer to your letter No.RAIT/Univ./SSC/837, dated 1.10.2002, forwarding therewith the report of appointments of following teachers in their respective subjects in your above mentioned college, for consideration of the University :-

Sr. No.	Name of the teacher	Nature of appointment .
1.	Smt. Poornima Talwai	Full-time lecturer in Electronics Engg. on temporary basis from 9.2.1988 up to 16.8.1990 subject to condition that acquiring Master's degree in Engineering/ Technology and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/229, dated 17.8.1990.
2.	Smt. Pratibha M. Dhotre.	Full-time lecturer in Electronics Engg. on temporary basis from 13.7.1987 up to 16.8.1990, subject to conditions that to obtained desired professional experience within five years and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/ 229, dated 17.8.1990.
3.	Smt. Lekha Ravindran	Full-time lecturer in Electrical Engg. on temporary basis from 20.1.1988 upto 16.8.1990 subject to condition that acquiring Master's degree in Engineering/ Technology and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/229, dated 17.8.1990.
4.	Shri Uttam B. Jangam	Full-time lecturer in Mathematics on from probation from 9.1.1988. (Payment be made for extra lectures)
5.	Shri Shivaji M. Patil	Full-time lecturer in Applied Chemistry on temporary basis from 9.1.1988 upto 16.8.1990 subject to condition that obtaining M.Phil. degree or recognised degree beyond the Master's level within a period of Eight years and on probation from 17.8.1990 as per Circular No.CONCOL/VCD/229, dated 17.8.1990.

6.	Smt. Pramodini S. Shete	Full-time lecturer in Mathematics on temporary basis from 9.1.1988 upto 16.8.1990 subject to condition that obtaining M.Phil. degree or recognised degree beyond the Master's level within a period of Eight years and on probation from 17.8.1990 as per Circular No.CONCOL/VCD/229, dated 17.8.1990 (Payment be made for extra lectures)
7.	Shri Pravin J. Nikumbh	Full-time lecturer in Applied Physics on temporary basis from 9.1.1988 upto 16.8.1990 subject to condition that obtaining M.Phil. degree or recognised degree beyond the Master's level within a period of Eight years and on probation from 17.8.1990 as per Circular No.CONCOL/VCD/229, dated 17.8.1990 (Payment be made for extra lectures).
8.	Shri Vilas Y. Barve	Full-time lecturer in Mechanical Engg. on temporary basis from 9.1.1988 up to 16.8.1990, subject to conditions that to obtained desired professional experience within five years and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/ 229; dated 17.8.1990.
9.	Dr. Suhas D. Shete	Full-time lecturer in Chemistry on probation from 9.1.1988.

In this connection, I am directed to inform you that the appointments mentioned at Sr.Nos. 1 to 9 have been approved by the University, as mentioned against each of them as requested by you.

Further, you are requested to communicate the above decision to the teacher concerned in writing as per S.109-C.

Yours faithfully,


for REGISTRAR

University of Mumbai



No.CONCOL/SA/149⁰ of 2004,
Mumbai - 400 032,
23rd February, 2004.

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector-7, Nerul,
Navi Mumbai - 400 706.

Sub : Approval of appointments of teachers .

Sir,

Please refer to your letter No.RAIT/Univ./SSC/837, dated 1.10.2002, forwarding therewith the report of appointments of following teachers in their respective subjects in your above mentioned college, for consideration of the University :-

Sr. No.	Name of the teacher	Nature of appointment
1.	Shri Rajendrakumar H. Khade	Full-time lecturer in Electronics Engg. on temporary basis from 26.1.1989 up to 16.8.1990, subject to conditions that acquiring Master's degree in Engineering /Technology & to obtaining desired professional experience within five years and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/ 229, dated 17.8.1990.(Payment be made for extra lectures)
2.	Smt. Sharmila P. Phansalkar	Full-time lecturer in Electrical Engg. on temporary from 26.1.1989 up to 16.8.1990, subject to conditions that that acquiring Master's degree in Engineering /Technology & to obtaining desired professional experience within five years and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/ 229, dated 17.8.1990.(Payment be made for extra lectures)
3.	Shri Pravin B. Annadate	Full-time lecturer in Electrical Engg. on temporary from 26.1.1989 up to 16.8.1990, subject to conditions that that acquiring Master's degree in Engineering /Technology & to obtaining desired professional experience within five years and on probation from 17.8.1990 as per Circular No.CONCOL/ VCD/ 229, dated 17.8.1990.

University of Mumbai



No. CONCOL/SA/ 3734
of 2005,
Mumbai - 400 032,
15th July, 2005.

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanaagar,
Sector 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No. RAIT/UNIV./SSC/837, dated 1.10.2002, forwarding therewith the report of appointments of the following teachers in the Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, for consideration of the University on probationary basis :-

Sr. No.	Name of the person	Nature of appointments
1.	Kum. Priya S. Lingras	Full-time lecturer in Electronics Engg. on probation from 11.9.1990.
2.	Shri T. Mathewlal	Full-time lecturer in Mechanical Engg. on probation from 13.9.1990.
3.	Smt. Arackel Ciaramma Mathai	Full-time lecturer in Electrical Engg. on probation from 15.1.1991.
4.	Shri Pravin J. Nikumbh:	Full-time lecturer in Computer Engg. on probation from 11.9.1990.

In this connection, I am directed to inform you that the appointments mentioned at **Sr. Nos. 1 to 4**, have been approved by the University as mentioned against each of them in the Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.

Further, you are requested to communicate the above decision to the teachers concerned in writing as per S.109-C.

Yours faithfully,

[Signature]
for REGISTRAR.

M.M. Karkhanavala
C3/Lt. Engg./1/205
Please distribute to
the concerned individuals
and hand over a copy to
each one of them and related -
[Signature]
22/7

*Registration
to the authority and one
copy of each should be
in the personal
file.*

University of Mumbai



No. CONCOL/SAJ ⁸⁶⁴² of 2005,
Mumbai - 400 032,
8th July, 2005.

*Bm.
14/7*

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Placed below is a letter No. RAIT/Univ./SSC/837, dated 1.10.2002, forwarding therewith the report of appointments of the following teachers in the Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, for consideration of the University on probationary basis :-

Sr. No.	Name of the person	Nature of appointments
1.	Smt. Leona H. Hanchinal ✓	Full-time lecturer in Computer Engg. on probation from 11.11.1992.
2.	Shri R. Balachandran	Full-time lecturer in Mechanical Engg. on probation from 30.9.1992.
3.	Smt. K.N. Muktamani (Lecturer in Physics)	Appointment can not be consider because there is only one post for Open category candidate and she is on second on merit list.
4.	Shri M. Krishanmoorthy	Full-time lecturer in Mathematics on probation from 30.9.1992.
5.	Dr. (Smt.) Swati Bawra	Full-time lecturer in Physics on temporary basis from 17.9.1990 to 29.9.1992 and on probation from 30.9.1992.
6.	Shri Omprakash R. Kale ✓	Full-time Asstt. Professor in Electronics Engg. on probation from 30.9.1992.
7.	Shri Madhukar J. Lengare ✓ (Lecturer in Electronics Engg.)	Appointment can not be considered because approved committee has not approved his appointment as his B.E. Degree in Instrumentation.

...2/-

RAIT
Inward No... ..
Date... ..
Sig... ..

: 2 :

In this connection, I am directed to inform you that the appointments mentioned at Sr. Nos. 1 to 7 (Except Sr.Nos. 3 & 7), have been approved by the University as mentioned against each of them in the Ramrao Adik Institute of Technology, Nerul, Navi Mumbai. You are ^{also} inform to take almost care in future while considering & recommending the appointments as mentioned at Sr. Nos. 3 & 7.

Further, you are requested to communicate the above decision to the teachers concerned in writing as per S.109-C.

Yours faithfully,


for REGISTRAR.

C3/Let.Engg./6705

University of Mumbai



No. CONCOL/SA/

3897

of 2005,

Mumbai - 400 032,

4/1 July 2005
August 05

The Principal,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector - 7, Nerul,
NAVI MUMBAI- 400 706.

Sir,

Please refer to your letter No. RAIT/Univ./SSC/837, dated 1.10.2002, forwarding therewith the report of appointments of the following teachers in the Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, for consideration of the University on probationary basis :-

Sr. No.	Name of the person	Nature of appointments
1.	Shri Charandas R. Pote	Full-time lecturer in Computer Engineering on <u>temporary basis</u> from 30.8.1998 till end of the academic year 1998-1999 only (OBC against SC)
2.	Smt. Snehal P. Gaikwad (SC to SC)	Full-time lecturer in Computer Engg. on probation from 30.9.1998.
3.	Shri Suhas D. Shete (Open to Open)	Full-time Asstt. Professor in Chemistry on probation from 31.8.1996.

In this connection, I am directed to inform you that the appointments mentioned at **Sr. Nos. 1 to 3**, have been approved by the University as mentioned against each of them in the above mentioned College.

Further, you are requested to communicate the above decision to the teachers concerned in writing as per S.109-C.

Yours faithfully,

[Signature]
for REGISTRAR.

c3/Let/Engg./ssn/25705

*Registrar
for n.a.*

*[Signature]
10/8*

*AVL
for n.a
[Signature]
12/10/05*

RAIT	
Document No.	797..
Date	18/8/05..
Sign.	[Signature]

मुंबई विद्यापीठ



No. CONCOL/SAI 231/2010.
Mumbai - 400 032.
19th January, 2010.

The President,
Ramrao Adik Institute of
Technology,
Dr. D.Y. Patil Vidyanagari,
Sector - 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No. RAIT/Estt./, dated 13.7.2009, forwarding therewith the report of appointments of the following teachers in the college, for consideration of the University.

Sr. No.	Name of the person	Nature of appointments
1.	Kum. Supriya G. Deshmukh	Full-time Lecturer in Information Technology on probation from 10.1.2005. (SC to SC post)
2.	Smt. Vanita M. Mane (Nee Vanita M. Deokar)	Full-time Lecturer in Computer Engineering on probation from 3.1.2005. (Open to Open post)
3.	Kum. Rizwana A.R. Shalkh	Full-time Lecturer in Information Technology on probation from 7.1.2005. (Open to Open post)
4.	Kum. Nilima R. Jawade	Full-time Lecturer in Computer Engineering on probation from 1.5.2005. (Open to Open post)

In this connection, I am directed to inform you that the approval of appointments mentioned at **Sr. Nos. 1 to 4**, have been approved by the University as per remarks mentioned against each of them in the above mentioned college

Further, you are informed to communicate the above decision to the teachers concerned in writing as per S. 109-C.

Yours faithfully,

for REGISTRAR

मुंबई विद्यापीठ



No. CONCOL/SAI 140 /2010.
Mumbai - 400 032.
14 January, 2010.

The President,
Ramrao Adik Institute of
Technology,
Dr. D.Y. Patil Vidyanageri,
Sector - 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No. RAIT/EST/, dated 25.8.2009, forwarding therewith the report of appointments of the following teachers in the College for the academic year 2008-2009, for consideration of the University.

Sr. No.	Name of the person	Nature of appointments
1.	Dr. S.D. Shete	Full-time professor in Applied Chemistry on probation from 24.12.2008. (Open to Open post)
2.	Dr. (Smt.) Swati Bawra	Full-time Assistant Professor in Applied Physics on probation from 24.12.2008. (Open to Open post)

In this connection, I am directed to inform you that the approval of appointments mentioned at **Sr. Nos. 1 & 2**, have been approved by the University as per remarks mentioned against each of them in the above mentioned college

Further, you are informed to communicate the above decision to the teachers concerned in writing as per S. 109-C.

Yours faithfully,

for REGISTRAR

मुंबई विद्यापीठ



No. CONCOL/SA/ 5 /2010.
Mumbai - 400 032.
22nd February, 2010.

The President,
Ramrao Adik Institute of
Technology,
Dr. D.Y. Patil Vidyanagari,
Sector - 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No. RAIT/EST/, dated 29.9.2009, forwarding therewith the report of appointments of the following teachers in the College for the academic year 2008-2009, for consideration of the University.

Sr. No.	Name of the person	Nature of appointments
1.	Shri Prasad A. Pathak	Full-time Lecturer in Electronics Engineering on probation from 1.1.2008. (Open to Open post)
2.	Kum. Smitha Raveendran	Full-time Lecturer in Electronics Engineering on probation from 13.12.2007. (Open to Open post)
3.	Shri Hemraj R. Patil	Full-time Lecturer in Electronics Engineering on probation from 13.12.2007. (SC to SC post)
4.	Smt. Vaishali S. Jadhav	Full-time Lecturer in Electronics Engineering on probation from 13.12.2007. (OBC to OBC post)
5.	Shri Amarsinh V. Vidhate	Full-time Lecturer in Computer Engineering on probation from 12.12.2007. (Open to Open post)
6.	Smt. Seema A. Ladhe	Full-time Lecturer in Computer Engineering on probation from 12.12.2007. (Open to Open post)
7.	Kum. Reshma R. Gulwani	Full-time Lecturer in Computer Engineering on probation from 12.12.2007. (Open to Open post)
8.	Kum. Vimla A. Jethani	Full-time Lecturer in Computer Engineering on probation from 12.12.2007. (Open to Open post)
9.	Smt. Rajashree A. Shedge	Full-time Lecturer in Computer Engineering on probation from 12.12.2007. (Open to Open post)
10.	Smt. Dipti S. Jadhav	Full-time Lecturer in Information Technology on probation from 12.12.2007. (Open to Open post)
11.	Smt. Sujata V. Kadam	Full-time Lecturer in Information Technology on probation from 12.12.2007. (Open to Open post)
12.	Shri Bhaveshkumar H. Parmar	Full-time Lecturer in Instrumentation Engineering on probation from 14.12.2007. (Open to Open post)

...2/-

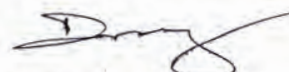
: 2 :

13.	Shri Jagdish B. Nade	Full-time Lecturer in Instrumentation Engineering on probation from 14.12.2007. (Open to Open post)
14.	Shri Sharad P. Jadhav	Full-time Lecturer in Instrumentation Engineering on probation from 14.12.2007. (Open to Open post)
15.	Smt. Kausar M. Fakir	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 13.12.2007. (Open to Open post)
16.	Smt. Sheetal S. Patil	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 13.12.2007. (Open to Open post)
17.	Smt. Sujata D. Mendgudle	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 13.12.2007. (Open to Open post)
18.	Kum. Ashwini N. Naik	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 13.12.2007. (Open to Open post)
19.	Shri Vijay R. Dahake	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 13.12.2007. (OBC to OBC post)
20.	Smt. Gargi S. Phadke	Full-time Lecturer in Instrumentation Engineering on probation from 14.12.2007. (Open to Open post)

In this connection, I am directed to inform you that the approval of appointments mentioned at **Sr. Nos. 1 to 20**, have been approved by the University as per remarks mentioned against each of them in the above mentioned college

Further, you are informed to communicate the above decision to the teachers concerned in writing as per S. 109-C.

Yours faithfully,



for REGISTRAR

मुंबई विद्यापीठ



No. CONCOL/SAJ/221/2010.
Mumbai – 400 032.
19th January, 2010.

✓ The President,
Ramrao Adik Institute of
Technology,
Dr. D.Y. Patil Vidyanagari,
Sector - 7, Nerul,
NAVI MUMBAI – 400 706.

Sir,

Please refer to your letter No. RAIT/Estt./, dated 29.9.2009, forwarding therewith the report of appointments of the following teachers in the college, for consideration of the University.

Sr. No.	Name of the person	Nature of appointments
1.	Smt. Trupti P. Agarkar	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (Open to Open post)
2.	Smt. Kirti A. Rathi	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (Open to Open post)
3.	Smt. Shweta S. Ashtekar	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (Open to Open post)
4.	Shri Pankaj A. Saraf	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (Open to Open post)
5.	Shri Manoj M. Dongre	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (SC to SC post)
6.	Smt. Sheetal A. Ahir	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (OBC to OBC post)
7.	Kum. Puja G. Agrawal	Full-time Lecturer in Information Technology on probation from 23.12.2008. (Open to Open post)
8.	Kum. Shital N. Patil	Full-time Lecturer in Instrumentation Engineering on probation from 24.12.2008. (OBC to OBC post)
9.	Smt. Shital P. Khalane	Full-time Lecturer in Electronics & Telecommunication Engineering on probation from 24.12.2008. (OBC to OBC post)
10.	Shri Shrinivas S. Hulsure	Full-time Lecturer in Mechanical Engineering on probation from 27.1.2009. (SC to SC post)
11.	Shri Narendrakumar R. Dasre	Full-time Lecturer in Applied Mathematics on probation from 24.12.2008. (Open to Open post)
12.	Shri Udaykumar S. Kashid	Full-time Lecturer in Applied Mathematics on probation from 24.12.2008. (Open to Open post)

...2/-

: 2 :

13.	Kum. Anupama Singh	Full-time Lecturer in Electronics Engineering on probation from 24.12.2008. (Open to Open post)
14.	Smt. Anupama S. Shenoy	Full-time Lecturer in Communication Skills on probation from 24.12.2008. (Open to Open post)

In this connection, I am directed to inform you that the approval of appointments mentioned at Sr. Nos. 1 to 14, have been approved by the University as per remarks mentioned against each of them in the above mentioned college

Further, you are informed to communicate the above decision to the teachers concerned in writing as per S. 109-C.

Yours faithfully,


for REGISTRAR

University of Mumbai

15/ECO/12-13/1826
4/10/12



Urgent/By Speed Post

No.CONCOL/SA/ICD/2012-13/18261

Mumbai - 400 032

4/10/12
5/10/12
October, 2012.

To,
The Principal,
Ramrao Adik Education Society's,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector-7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No.RAIT/Est/12, dated 6th March, 2012, forwarding therewith the report of appointment of Smt. Sharmila J. Petkar (Nee. Smt. S. P. Phansalkar) as a full-time Assistant Professor in Electrical Engineering (Open to Open Post) in your College, for consideration of the University.

In this connection, I am directed to inform you that the appointment Smt. Sharmila J. Petkar (Nee. Smt. S. P. Phansalkar) as a full-time Assistant Professor in Electrical Engineering (Open to Open Post) has been approved by the University on probation basis from 25.04.1994.

Further, you are requested to communicate the above decision to the teacher concerned in writing as per S.109-C.

Yours faithfully,
Sd/-
(YOGINI GHARE)
DEPUTY REGISTRAR
CONCOL UNIT

No.CONCOL/SA/ICD/18261-A^{10C} of 2012

4/10/12 October, 2012

Copy forwarded for information to :-

- 1) The Controiler of Examinations, University of Mumbai, M.J. Phule Bhavan, Vidyanagari, Santacruz (East), Mumbai - 400 098.
- 2) The Deputy Registrar, Election Section, University of Mumbai, Fort, Mumbai - 400 032.
- 3) The Deputy Registrar, Special Cell, University of Mumbai, Fort, Mumbai - 400 032.

(Signature)

University of Mumbai



15/EP/12-13/15089
4/10/12
Urgent/By Speed Post

No.CONCOL/SA/ICD/2012-13/15089

Mumbai - 400 032

5th September, 2012.
October

To,
The Principal,
Ramrao Adik Education Society's,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector - 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No.RAIT/Est/160, dated 20th July, 2012, forwarding therewith the report of appointment of Smt. Divya K. Shah (Nee. Divya Jain) as a full-time Lecturer in Electronics Engineering (Open to Open Post) in your College, for consideration of the University.

In this connection, I am directed to inform you that the appointment Smt. Divya K. Shah (Nee. Divya Jain) as a full-time Lecturer in Electronics Engineering (Open to Open Post) has been approved by the University on probation basis from 01.01.2008.

Further, you are requested to communicate the above decision to the teacher concerned in writing as per S.109-C.

Yours faithfully,
Sd/-
(YOGINI GHARE)
DEPUTY REGISTRAR
CONCOL UNIT

No.CONCOL/SA/ICD/15089-Att^c of 2012

4th September, 2012
October

Copy forwarded for information to :-

- 1) The Controller of Examinations, University of Mumbai, M.J. Phule Bhavan, Vidyanagari, Santacruz (East), Mumbai -- 400 098.
- 2) The Deputy Registrar, Election Section, University of Mumbai, Fort, Mumbai -- 400 032.
- 3) The Deputy Registrar, Special Cell, University of Mumbai, Fort, Mumbai -- 400 032.

University of Mumbai

15/EO/12/13/18261
4/10/12



Urgent/By Speed Post

No.CONCOL/SA/ICD/2012-13/ 18261

Mumbai - 400 032

4/10 October, 2012.

4/10
5/10

To,
The Principal,
Ramrao Adik Education Society's,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector-7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No.RAIT/Est/12, dated 6th March, 2012, forwarding therewith the report of appointment of Smt. Sharmila J. Petkar (Nee. Smt. S. P. Phansalkar) as a full-time Assistant Professor in Electrical Engineering (Open to Open Post) in your College, for consideration of the University.

In this connection, I am directed to inform you that the appointment Smt. Sharmila J. Petkar (Nee. Smt. S. P. Phansalkar) as a full-time Assistant Professor in Electrical Engineering (Open to Open Post) has been approved by the University on probation basis from 25.04.1994.

Further, you are requested to communicate the above decision to the teacher concerned in writing as per S.109-C.

Yours faithfully,
Sd/-
(YOGINI GHARE)
DEPUTY REGISTRAR
CONCOL UNIT

No.CONCOL/SA/ICD/ 18261-A^{PC} of 2012

4/10 October, 2012

Copy forwarded for information to :-

- 1) The Controller of Examinations, University of Mumbai, M.J. Phule Bhavan, Vidyanagari, Santacruz (East), Mumbai - 400 098.
- 2) The Deputy Registrar, Election Section, University of Mumbai, Fort, Mumbai - 400 032.
- 3) The Deputy Registrar, Special Cell, University of Mumbai, Fort, Mumbai - 400 032.

(Signature)

University of Mumbai



Urgent/By Speed Post

No.CONCOL-IS/ECD/2013-14/1067

Mumbai - 400 032

21st November, 2013.

22/11/13

✓ To,
The Principal,
Ramrao Adik Education Society's,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector - 7, Nerul,
NAVI MUMBAI - 400 706.

Sir,

Please refer to your letter No. RAIT/Est/162, dated 20th July, 2012, forwarding therewith the report of appointment Smt. Arpita Pal Choudhury (Nee. Arpita A. Day) as full-time lecturer (Open to Open post) in Communication Skills, in your college, for consideration of the University.

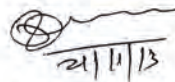
In this connection, I am directed to inform you that, the appointment of Smt. Arpita Pal Choudhury (Nee. Arpita A. Day) as full-time lecturer (Open to Open post) in Communication Skills has been approved by the University from 01.09.2003 as per University Circular No. CONCOL/397 of 2007, dated 3rd October, 2007.

Further, you are requested to communicate the above decision to the teacher concerned in writing as per S.109-C along with the copy of this letter.

Please note that if any discrepancy is found in this approval, the University reserves the right to withdraw the approval at any time.

RAIT	
Principal	Principal
Registrar	Registrar
AO	AO
HOD's	HOD's
Action by	Action by
Action by	Action by
Remarks	Remarks
Inward No	Inward No
Date	25/11/13

Yours faithfully,


21/11/13

(YOGINI GHARE)
DEPUTY REGISTRAR
CONCOL UNIT.

University of Mumbai

Urgent/By Speed Post

No. CONCOL/IS/ECD/2014-15/43240

Mumbai – 400 032

June, 2014.



To,
The Principal,
Ramrao Adik Education Society's,
Ramrao Adik Institute of Technology,
Dr. D.Y. Patil Vidyanagar,
Sector – 7, Nerul,
NAVI MUMBAI – 400 706.

Sir,

Please refer to your letter No. RAIT/Est/2014, dated 10th January, 2014 forwarding therewith the report of appointment of Shri Mukesh D. Patil as a full-time Assistant Professor in Instrumentation Engg. in your College, from the academic year 2007-2008, for consideration of the University.

In this connection, I am directed to inform you that, the appointment of Shri Mukesh D. Patil as a full-time Assistant Professor (Open to Open post) in Instrumentation Engg. has been approved by the University w.e.f. 17.12.2007 as per University Circular No. CONCOL/272 of 2008, dated 26th June, 2008.

Further, you are requested to communicate the above decision to the teachers concerned in writing as per S.109-C alongwith the copy of this letter.

Please note that if any discrepancy is found in this approval, the University reserves the right to withdraw the approval at any time.

Yours faithfully,

05/6/14
(YOGINI GHARE)
DEPUTY REGISTRAR
CONCOL UNIT

copy to
Dr. M.D. Patil

Remarks	
Inward No.	185
Date	9/6/14



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-34167-2014

This is to certify that Sunil Maruthi Gaikwad of Ramrao Adik Institute of Technology Dr D Y Patil Vidyanagar Sector-7 Phase-I Nerul Navi Mumbai 400 706 has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2014-2015.

(B N Tiwari)

Deputy Director General

Dated: 29/09/2015



सत्यमेव जयते

Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-34167-2013

This is to certify that Sunil Maruthi Gaikwad of Ramrao Adik Institute of Technology Dr D Y Patil Vidyanagar Sector-7 Phase-I Nerul Navi Mumbai 400 706 has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2013-2014.

(B N Tiwari)

Deputy Director General

Dated: 29/09/2015



सत्यमेव जयते

Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-34167-2012

This is to certify that Sunil Maruthi Gaikwad of Ramrao Adik Institute of Technology Dr D Y Patil Vidyanagar Sector-7 Phase-I Nerul Navi Mumbai 400 706 has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2012-2013.

(B N Tiwari)

Deputy Director General

Dated: 29/09/2015



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-34167-2011

This is to certify that Sunil Maruthi Gaikwad of Ramrao Adik Institute of Technology Dr D Y Patil Vidyanagar Sector-7 Phase-I Nerul Navi Mumbai 400 706 has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2011-2012.

(B N Tiwari)

Deputy Director General

Dated: 29/09/2015



File No. D18/NAAC/544

Date: 10th August, 2015

Certificate of Compliance

This is to certify that RAMRAO ADIK INSTITUTE OF TECHNOLOGY, NERUL, NAVI MUMBAI fulfills all norms.

1. Stipulated by the affiliating University and
2. Regulatory Council AICTE
3. The affiliation and recognition is valid as on date.
4. In case the affiliation/recognition is withdrawn by the authority concerned the same will be informed to NAAC immediately.

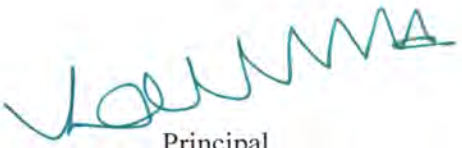
In case the affiliation/recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 10th August, 2015
Place: Nerul, Navi Mumbai




Principal

Dr. Ramesh Vasappanavara, PhD

Principal

Ramrao Adik Institute of Technology
Nerul, Navi Mumbai - 400 706.

Dr. D. Y. Patil Vidyanagar,
Sector-7, Phase-1, Nerul,
Navi Mumbai-400706

Tel. : 91 22 27709574,
Fax : 91 22 27709573,
E-mail : principal@rait.ac.in,
Website : www.rait.ac.in