



2014-2015

July – December 2014

Please find herewith a brief report of activities conducted by department of Electronics Eng. in the period July 2014 to November 2014.

1. List of seminars/workshop/Guest lecture etc organized for students as well as faculty in our departments/ Students chapter of the college.

Sr no	Title of seminar/workshop	Target audience	Date	Name and designation of speaker	No. of participants	Organized by (name of Dept/ Students Chapter)	Venue
1	Session on Stress Management	SE Elex	6/2/2014	Mr. Ninad Gandhi	65	Dept of Electronics Engg	Dept of Electronics Engg
2	Tree Plantation	DJSCE Students	5/07/2014	NSS Students	46	College NSS Unit	Airoli
3	Fund Raising event	Punarvas School	5/08/2014-9/08/2014	NSS Students	18	College NSS Unit	DJ Sanghvi College of Enginnering
4	Orphanage Visit	Underprevileged Kids	15/08/2014	NSS Students	102	College NSS Unit	Andheri, Byculla and Jogeshwari
5	Organic Waste Collection	-	31/08/2014-7/08/2014	NSS Students	14	College NSS Unit	GanpatiP andals(V ile Parle)
6	Beach Clean Up	-	05/09/2014	NSS Students	57	College NSS Unit	Juhu Beach
7	Summer Industrial Internship & Training in Embedded Systems	SE and TE students of all branches	16/6/2014-7/7/2014	Eduvance	57	Dept. of Electronics.	Dept. of Electronics.



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2. List of seminars/workshops/conference/ faculty development programmes/ subject orientation programme, etc attended by faculty at various organizations/ institutes.

Sr no	Name and designation of participant	Title of seminar/workshop	Period (date) from-to	Organized by (name of Dept/ Students Chapter)	Venue
1	Mayur Parulekar, Asst. Professor	Avishkar – Mumbai University Orientation	28 th August 2014	Mumbai University	Thakur College
2	Bahar Soparkar, Asst Professor Sejal Kadam, Asst Professor	Awareness workshop on outcome based Education and Accreditation	7 th September 2014	VJTI, Mumbai	VJTI, Mumbai

3. List of papers presented /Lecturer Talk given etc at National & International Conferences/ seminars/ colleges/ organization, etc. by our staff members

Sr no	Name and designation of participant	Title of seminar/workshop	Title of paper presented/ lecture talk	Organized by (name of Dept/ Students Chapter)	Venue	Period (date) from-to
1	Shivali Kulkarni, Asst Professor	International Conference on Circuits, Systems, Communication and Information Technology	Classification of Multispectral satellite images using Ensemble Techniques of Bagging, Boosting and Ada-Boost	St. Francis Institute of Technology	Hotel Kohinoor Continental, Andheri	4-5 April 2014.
2	Prasad Joshi	VJTI – PhD Colloquium	Radial Pulse Analysis – An Objective Outlook	VJTI – Mumbai.	VJTI – Mumbai.	March 2014.
3	Prasad Joshi	Board of Studies Meeting - Electronics	Invited for contributions towards syllabus framing for SEM 4 th , 5 th and 6 th in Microprocessors and Embedded Systems	Meeting held at A. C. Patil COE, Khargar under chairmanship of Prof. V. N. Pawar	A C Patil COE, Khargar, Navi Mumbai.	April 2014.



4. List of publications in National & International journal/Conferences proceedings/ book chapters/ technical magazines, etc.

Sr no	Name and designation of participant	Title of paper published	Title of seminar/workshop	Name and date of journal, conference, proceedings, Book chapter etc	Organized by	Venue	Period (date) from-to
1	Shivali Kulkarni, Asst Professor	Classification of Multispectral satellite images using Ensemble Techniques of Bagging, Boosting and Ada-Boost	International Conference on Circuits, Systems, Communication and Information Technology	IEEE Xplore Digital Library.	St. Francis Institute of Technology	Hotel Kohinoor Continental, Andheri	4-5 April 2014
2	Prof. Prasad Joshi	Exploring Multiscale Entropy Measures for Radial Pulse Analysis with Traditional Indian Medicine (TIM) perspective for dominant humor identification	Recipient of 'Best paper award' and awarded the 1st prize at International Conference 'Update Ayurveda - 2014', organized by TNMC & BYL Nair Hospital, Mumbai, in December 2014.	Update Ayurveda - 2014	TNMC & BYL Nair Hospital	Nair Hospital, Mumbai	December 2014



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5. List of papers presented /paper published/ project/ poster presentation etc by students of respective departments/ sections in the college/ outside the college.

Sr no	Name , branch and year of student and name of Guide (if any)	Title of paper project /posters etc presented/ published	Name and date of journal, proceedings, Book chapter etc	Organized by	Venue	Period (date) from-to
1	Aditya Ghadiali Ananth Bhat Rishi Shah Jash Shah , TE Electronics	Briefing about Avishkar Rules and Regulations, History of Avishkar	Avishkar 2014 workshop	University of Mumbai	Thakur college of Engineering	27 th August 2014
2	Rishi Shah Siddhant Gangapurwala, Aditya Ghadiali TE Electronics	Debate Competition	GABULA Inter-Institutional Debate	Rotary Club of Mumbai, Juhu	Rajhans Vidyalay HMP Campus	21 st and 26 th August 2014
3	Shitij Avlani	Model United Nations	TCET- MVN	Thakur college of Engineering	Thakur college of Engineering	19 th -21 st September 2014
4	Sunny Agarwal	Technical paper conference	Abhiyantriki 14	K. J. Somaiya COE, Vidyavihar	K. J. Somaiya COE, Vidyavihar	October 14
5	Aakash Shah	Technical paper conference	Abhiyantriki 14	K. J. Somaiya COE, Vidyavihar	K. J. Somaiya COE, Vidyavihar	October 14



5) Result analysis

May 2014

ELEX		SEM	APPEARED	PASSED	DISTINCTION	FIRST CLASS	SECOND CLASS	PASS CLASS	PASS PERCENTAGE
	SE	IV	70	59	23	25	9	2	84.28
TE	VI	73	71	25	38	8	0	97.26	
BE	VIII	78	70	19	43	6	2	89.74	

Department Achievements:

July 2014 - Process initiated for establishing 'Center of Excellence in Embedded Systems ', on behalf of Cypress and ARM Univ. Program, in Department of Electronics (formalities under way). Department Laboratory enriched with following resources:

- 1) 3 Nos. ARM based Freedom development boards from *freescale Semiconductor*.
- 2) 3 Nos. PSOC 4 Pioneer development boards from Cypress Semiconductors.
- 3) 2 Nos. PSOC 5 Development Kits from Cypress Semiconductors.



January- May 2015

Please find herewith a brief report of activities conducted by department of Electronics Eng. in the period January 2015 to December 2015.

- 1) Students Activities & Additional programmes/accolades - Under all Student's Chapter

Training and Internship Program

Name of the participant	Training /Internship	Experts	VENUE	Date
Jaidev Dalvi	Implant training in EMU car shed	Industry Expert- Shantilal Chaudhery	Central Railway,Kurla	

- 2) Students Paper presentation and published in National, International Conference / Project Competition.

Name	Conference Name/Type	Description	Date
Sunny Agarwal	Trinity National level Technical paper presentation	Stood first in National level Technical paper presentation organized by DJ Sanghvi College of Engineering	March 2015
Aakash Shah	Trinity National level Technical paper presentation	Stood first in National level Technical paper presentation by DJ Sanghvi College of Engineering	March 2015

- 3) Students bagged prizes/awards in various sports competition (inter-collegiate or national/international): ----

- 4) Staff Activities and Achievements:
Participation of teachers in Seminar/Workshop etc.

Sr. No.	Name	STTP/Workshop/Seminar Details	Date
1	Prof Darshana Sankhe Prof Inderjit Singh Dhanjal	Fundamentals of MOSFETs, VLSI design	13-14/3/15
2	Prof. Sejal Kadam Prof.Vivek Nar	Introduction to microcontrollers: MSP 430,AVR controller, minimum circuit design, PCB design, simulation software	21-22/02/15



3	Prof.Vivek Nar	Nanotechnology	4-15/5/15
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5) Publication of papers in National, International Journals/ Conferences:

Type	Name of Faculty	Description	Date
International Journal	Prof Joshi P, Prof Ambekar K, Prof Daruwala R	Traditional Indian Medicine (TIM) based Humor Identification - A recurrence based Approach. International Journal of Computer Applications 113(14):33-37, March 2015. doi: 10.5120/19898-1996	March 2015
International Conference	Prof Prasad Joshi, Prof Daruwala R, (2015a)	Investigation of Radial Pulse Analysis with Traditional Indian Medicine (TIM) perspective for diagnosis. HealthTech Innovations 2015 - Proceedings, pp. 51-52, 9-10 Jan. 2015, SAMEER, IIT – Bombay, INDIA. Above concept note was awarded ‘Best Concept Note’, prize in the theme: Diagnosis and treatment of diseased by Traditional Methods	Jan 2015
	Prof. Prasad Joshi	Awarded 1st prize for concept note presented at International Conclave on Health Tech. Innovations, organized by SAMEER, ICMR, NHSRC and DeitY at IIT – B, in January 2015.	Jan 2015

6) Lectures delivered by our teachers in Seminars/Workshops/Technical-Feativals etc.

Sr. No.	Name	STTP/Workshop/Seminar Details	Date
1	Prof. Prasad Joshi	Session entitled - ‘Skill Enhancement Lecture’, at Vivekananda Education Society’s Institute of Technology, Department of Electronics Engineering, on the topic ‘Microcontrollers and Embedded Systems’ for the second year students.	13 th , February 2015 – Delivered a 2-hrs
2	Prof. Prasad Joshi	Invited to deliver a session at one day national workshop on “Recent Trends in Embedded Systems”, organized by Department of Electronics and Telecommunications Engineering, Pillai HOC College of Engineering and Technology. Session topic ‘C for Embedded Architectures’	7 th March, 2015



- 7) Any other special initiatives or staff related matters as well as upcoming events.
- Department has proactively installed a 30W/12V solar panel in college premises purely for evaluation, experimentation and development. Elementary efforts have been initiated for salvaging a set of lead – acid rechargeable batteries, already written off by its vendor. We have been successful in demonstrating the operation of conventional 20W/230V AC, LED tube-lights using the stored power. Further efforts for providing a more practicable and sustainable solution for addressing and fulfilling laboratory lighting load requirements at-least partially, are under-way.

Industrial Visit

	Prof. Mayur Parulekar Prof Shivali Kar Prof Pavan Borra	Industrial Visit to Reliance Power Plant at Dahanu	24-3-2015
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8) Result analysis

December 2014

ELEX		SEM	APPEARED	PASSED	DISTINCTION	FIRST CLASS	SECOND CLASS	PASS CLASS	PASS PERCENTAGE
	SE	III	75	59	22	21	12	4	78.66
TE	V	69	64	38	21	4	1	92.7	
BE	VII	73	69	12	44	13	---	94.5	