

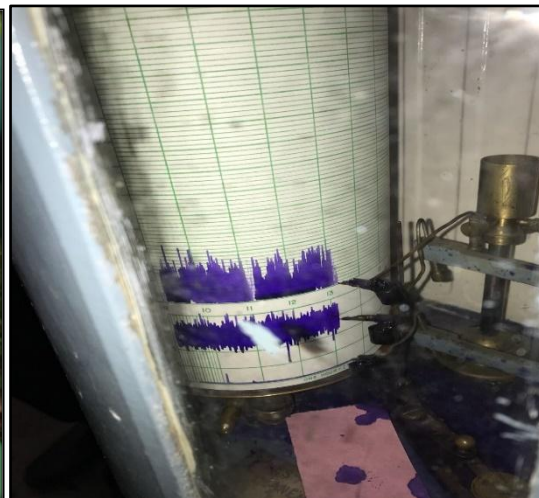
Department of Electronics 2018-19 (Even Semester)

Department Activities:

❖ Student Achievements/ Activities/ Projects

Industrial Visit

Zoheb Shaikh, Rahul Harmalkar, Meenal Nagrecha and Lairai Karnik students of final year Electronics had visited **Colaba Metrological Department, Mumbai** on **27th August, 2018**.



Pitam Mali, Mahesh Kulkarni, Varad Tole and Mugdha Sonawane students of Final year Electronics had visited **Sahyadri Farms, Nashik** on **28th July, 2018**



Activities:

- More than 50 students from second, third and final year completed Internship/ Industrial training in various companies such as BARC, Doordarshan, Godrej, Indian railways, etc. during summer vacation.
- Students were part of organizing teams of various events held in VESIT during Praxis-2018 on the 26th and 27th September 2018.
- More than 60 students from Department of electronics participated in various technical events during Praxis 2018.
- **12 students are pursuing higher studies at Reputed International Universities.**

NPTEL:

- 7 students from Third year and Final Year students had completed NPTEL certification of various courses such as Introduction to Machine Learning, Programming, data structure and algorithm using Python and Introduction to Machine Learning.

Achievements:

- A group of students exhibited a project in Automation Expo 2018 held at Goregaon Mumbai on 29th August to 31st August 2018. They were also adjudged winner in the student's section.

Title of the Project: "IOT Based 2-D Plotter"

Students Name: Abhigya Upadhyaya, Omkar Tulaskar, Varad Tole, Harish Yadav.

- Students also developed a working solution-application named “**Golden Hour Response**” at Project Deep Blue a Mastek Initiative held during October 2017-February 2018.

Student Name: Pitam Mali, Omkar Tulaskar, Mahesh Kulkarni and Nishit Ahuja (IT).

Publications By Students:

- 1) Mihir, Rohan, Abhishek, Padmaj, published paper titled “Smart Tourism App”, IETE- International Conference on Recent Trends in Sustainable Technologies (ICRTST), July 2018, Datta Meghe College of Engineering, ISBN: 978-93-5267-422-0.
- 2) Shardul Maalvankar & Mansi patole published paper titled “Smart Labs”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 2018, ISSN(Online): 2319-8753.
- 3) Aditya Gogwekar, Mansi Mistry, Rushabh Patil, “Car Simulator”, IETE- International Conference on Recent Trends in Sustainable Technologies (ICRTST), July 2018, Datta Meghe College of Engineering, ISBN:978-93-5267-422-0.
- 4) Siddhant Yeole, Sai Prahladh & Varad Tole, “Sensors in automobile & associated mechanism: A Review”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, Issue 9, September 2018, ISSN: 2349-5162.
- 5) Mr. Takshan Shetty, Mr. Prathamesh Wagh, “Water Level Monitoring System”, International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 8, August 2018, e-ISSN: 2395-0056
- 6) Akanksha Toley, Raj Jadhav, Nikhil Thorat , “Design & Development of A 6 DOF Bipedal Robot with Imitation Learning”, International Journal Of Engineering Development And Research, (IJEDR) Vol. 6, Issue 3, 2018, e-ISSN: 2321-9939.
- 7) Abhishek Manurkar, Rohan Pawar, Mihir Patange, Padmaj Manore, “Smart Tourism Application”, Journal of Applied Science and Computations (JASC), Vol. 5, Issue 10, October 2018, e-ISSN: 1076-5131.
- 8) Pavitra Kanse, Raj Jadhav, Rakhi Jadhav, “Self-stabilizing spoon using Fuzzy controller”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, Issue 12, December 2018, e-ISSN: 2349-5162.

Seminar/Workshops:

Third Year students Conducted a Four day workshop on “ARM TRAINING SESSION on STM32f” for second and Third Year students

Department Rankers:

1st Year (2017-18):

Name	Rank	Pointer (CGPI)
Patil Gayatri Prakash	1 st	9.72

Tembe Yogesh Dnyaneshwar	2 nd	9.69
Amin Anjali Ravi	3 rd	9.63

2nd Year (2017-18):

Name	Rank	Pointer (CGPI)
Nashte Siddhant Sanjay Vaishali	1 st	9.93
Bangar Vinayak Datta Savita	2 nd	9.84
Kotur Srujana Shridhar Vandana	3 rd	9.71

3rd Year (2017-18):

Name	Rank	Pointer (CGPI)
Dinda Sudipta Saktipada Sibani	1 st	9.93
Angolkar Radhika Vijaykumar Samridhi	2 nd	9.89
Bhandwalkar Sonali Shivaji Madhuri	3 rd	9.89

4th Year (2017-18):

Name	Rank	Pointer (CGPI)
Mahaldar Pranay Pankaj Anjali	1 st	9.42
Joshi Mihir Abhay Janhavi	2 nd	9.39
Pawar Falguni Sanjay Sharmila	3 rd	9.35

Placement:

It's an immense pleasure to announce that 88 students of 2017 -18 batch have got placement offers from various companies like Accenture, Capgemini, Atos,L and T Infotech, ATOS, Selec Controls,Next Education and IITians PACE.

Scholarships:

1.Suman Tulsiani Scholarship is awarded by Suman Ramesh Tulsiani Charitable Trust. This scholarship is decided centrally for VES colleges and forwarded to Tulsiani Trust. The criteria for this scholarship is that, the student should have a score of at least 7.00 grades and family income of less than three lakh per annum. This year it is awarded to following students of ETRX Department:

- Omkar Deshmukh

- Ashish Patil
- Dipti Annarao Suryawanshi
- Dhavalkumar Rajesh Panchal
- Mohini Batra
- Tejashree Kishor Khirawade
- Kajal Raghunath Ghadge
- Bibishan Chaudhari
- Aniket Salgaonkar
- Siddesh Sudhir Mahadik

2.Vivekanand Jyoti Scholarship is awarded every year to one student from each department. An Amount of Rupees Thirty thousand each is given every year. The criteria is a grade point of at least 7.00 and family Income of less than one lakh per annum. It was received by following student of ETRX Department:

- Amol Shinde (T.E.)

3. Geeta Israni Foundation Scholarship benefits meritorious students who scored grade point of 8.0 and above and whose family income does not exceed Rs.1.50 lakhs per annum. It was received by following students:

- Madhav Agarwal (B.E.)
- Sankalp Kumar Tripathi (B.E.)
- Kiran Balakrishnan (B.E.)

Skill Enhancement Lecture:

Sr.no.	Class& Subject	SEL Title	Faculty	Resource Person	Date
1	D11 A & B Electromagnetic Engineering	Electromagnetic Radiation and Antennas	Mrs. Kavita Tewari Mrs. Dipti Karani	Dr. S. V. Kulkarni Professor, Department of Electrical Engineering, IIT Bombay.	22/09/2018

2	D11 A & B Microcontroller and Application	Solar Energy and Application	Mr. Abhay Kshirsagar	Mr. Vedant Rathi	12/10/2018
---	-------------------------------------------------	---------------------------------	-------------------------	------------------	------------

❖ Faculty News

➤ Publications:

- 1) Mrs. Jayamala Adsul, P.P.Vaidya and J.M.Nair, “ Design and Simulation of a New Reconfigurable Analog to Digital Converter based on Multisim,” 3rd Biennial International Conference on Nascent Technologies in Engineering(ICNTE) 2019
- 2) Dr. (Mrs.) Asawari Dudwadkar, at.al “Smart Tourism App”, IETE-International Conference on Recent Trends in Sustainable Technologies (ICRTST), July 2018, Datta Meghe College of Engineering, ISBN:978-93-5267-422-0.
- 3) Dr. (Mrs.) Asawari Dudwadkar, at.al “Smart Labs”,International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 2018, ISSN(Online): 2319-8753.
- 4) Dr. (Mrs.) Asawari Dudwadkar,at.al “Car Simulator”, IETE- International Conference on Recent Trends in Sustainable Technologies (ICRTST), July 2018, Datta Meghe College of Engineering, ISBN:978-93-5267-422-0.
- 5) Dr. (Mrs.) Asawari Dudwadkar,at.al “Water Level Monitoring System”, International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 8, August 2018, e-ISSN: 2395-0056
- 6) Dr. (Mrs.) Asawari Dudwadkar,at.al “Sensors in automobile & associated mechanism: A Review”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, Issue 9, September 2018, ISSN: 2349-5162.
- 7) Dr. (Mrs.) Asawari Dudwadkar, at.al“Design & Development of A 6 DOF Bipedal Robot with Imitation Learning”, International Journal Of Engineering Development And Research, (IJEDR) Vol. 6, Issue 3, 2018, e-ISSN: 2321-9939.
- 8) Dr. (Mrs.) Asawari Dudwadkar,at.al “Smart Tourism Application”, Journal of Applied Science and Computations (JASC), Vol. 5, Issue 10, October 2018, e-ISSN: 1076-5131.
- 9) Dr. (Mrs.) Asawari Dudwadkar,at.al “Self-stabilizing spoon using Fuzzy controller”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, Issue 12, December 2018, e-ISSN: 2349-5162.
- 10) Mrs. Jayamala Adsul,“Design and Simulation of a new Reconfigurable Analog to Digital Converter Based on Multisim”, International Conference on Nascent Technologies in Engineering (ICNTE) -IEEE co-sponsored 4th & 5th January 2019. (Best Paper Award.).
- 11) Mr. Vivek Nair, “Drunk Driving and Drowsiness Detection Alert System”, International Conference on ISMAC in Computational Vision and Bio-Engineering, Springer, Vol. 30, January 2019. ISBN978-3-030-00665-5

➤ **Courses conducted / attended:**

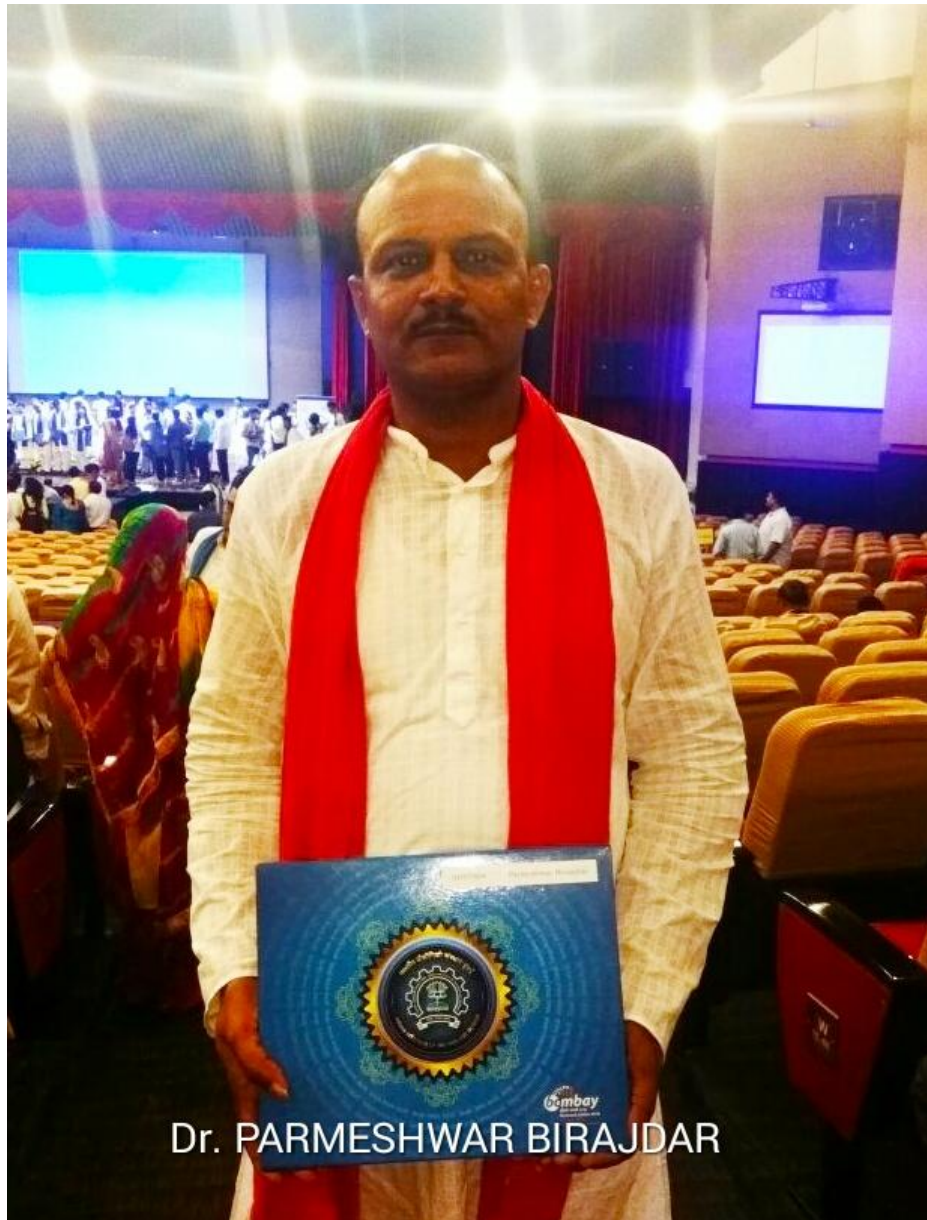
- 1) Mrs. Amrita Jhaveri attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation, VESIT from 2nd to 6th July, 2018.
- 2) Mrs. Anushree Prabhu attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation VESIT from 2nd to 6th July, 2018.
- 3) Mrs. Rakhi Jadhav attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation VESIT from 2nd to 6th July, 2018.
- 4) Dr. (Mrs.) Asawari Dudwadkar attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation VESIT from 2nd to 6th July, 2018.
- 5) Mr. Abhay Kshrisagar attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation VESIT from 2nd to 6th July, 2018.
- 6) Mrs. Dipti Karani attended 1-week AICTE-ISTE approved Short Term Training Program (STTP) on '**Biology for Engineers**' in Dept. of Instrumentation VESIT from 2nd to 6th July, 2018.
- 7) Mrs. Amrita Jhaveri attended 1-day Orientation on '**SEQUEL App**' By Prof. M. B. Patil (IIT Bombay) in Dept. of Electronics SPIT on 27th July, 2018.
- 8) Dr. (Mrs.) Rajani Mangala attended 1-week program on '**Deep Learning and Artificial Intelligence**' VESIT in association with Revert Technology Pvt. Ltd., E-Summit, IIT Roorkee from 2nd to 7th July, 2018.
- 9) Mr. Abhijit Shete attended 1-week program on '**Deep Learning and Artificial Intelligence**' VESIT in association with Revert Technology Pvt. Ltd., E-Summit, IIT Roorkee from 2nd to 7th July, 2018.
- 10) Dr. P. Birajdar attended 1-week program on '**Deep Learning and Artificial Intelligence**' VESIT in association with Revert Technology Pvt. Ltd., E-Summit, IIT Roorkee from 2nd to 7th July, 2018.
- 11) Mr. Yogesh Pandit attended 1-week program on '**Deep Learning and Artificial Intelligence**' VESIT in association with Revert Technology Pvt. Ltd., E-Summit, IIT Roorkee from 2nd to 7th July, 2018.
- 12) Mrs. Jaymala Adsul attended 2-day program on '**Hands on - ZYBO Zynq-7000 development board of FPGA**' on 2nd & 3rd January, 2019.
- 13) Mr. Yogesh Pandit attended 2-day program on '**Hands on - ZYBO Zynq-7000 development board of FPGA**' on 2nd & 3rd January, 2019.
- 14) Mr. Abhijit Shete attended 2-day program on '**Hands on - ZYBO Zynq-7000 development board of FPGA**' on 2nd & 3rd January, 2019.
- 15) Mrs. Dipti Karani attended 2-day program on '**Hands on - ZYBO Zynq-7000 development board of FPGA**' on 2nd & 3rd January, 2019.
- 16) Mrs. Amrita Jhaveri attended 1-week ISTE approved Short Term Training Program (STTP) on '**Green Internet of Things**' in Dept. of Electronics and Telecommunications, VESIT from 2nd to 8th January, 2019.
- 17) Mr. Vivek Nair attended 1-week ISTE approved Short Term Training Program (STTP) on '**Green Internet of Things**' in Dept. of Electronics and Telecommunications, VESIT from 2nd to 8th January, 2019.

- 18) Mr. Abhay Kshrisagar conducted Orientation of Microcontrollers and Applications for III year, Sem V Electronics Engg, in Datta Meghe College of Engineering, Airoli, Navi Mumbai on 13th July, 2018
- 19) Dr. (Mrs.) Asawari Dudwadkar attended Orientation of Embedded Systems and Real Time Operating Systems for 3rd year, Sem. VI Electronics Engg in Fr. Agnel College of Engineering on 17th January, 2019.
- 20) Mr. Abhishek Chaudhari attended Orientation of Embedded Systems and Real Time Operating Systems for 3rd year, Sem. 6 Electronics Engg in Fr. Agnel College of Engineering on 17th January, 2019.
- 21) Mr. Abhishek Chaudhari has successfully completed certification Course of “Introduction to IOT” (12 Week Course) and “Robotics” (8 Week Course) in the month of Nov 2018.
- 22) Mrs. Amrita Jhaveri has successfully completed certification Course of “Fundamentals of Electrical Engineering” (12 Week Course) in the month of Nov 2018.
- 23) Mrs. Dipti Karani has successfully completed certification Course of “Computational Electromagnetics & Applications” (12 Week Course) in the month of Nov 2018.
- 24) Mrs. Dipti Karani attended 1-week AICTE and ISTE sponsored Short Term Training Program (STTP) on ‘Open Data Science and IOT ’ at VIT from 25th to 30th June, 2018.
- 25) Mr. Abhijit Shete attended 1-week AICTE and ISTE sponsored Short Term Training Program (STTP) on ‘Open Data Science and IOT ’ at VIT from 25th to 30th June, 2018.
- 26) Dr. P. Birajdar attended 1-week AICTE and ISTE sponsored Short Term Training Program (STTP) on ‘Open Data Science and IOT ’ at VIT from 25th to 30th June, 2018.
- 27) Ms. Rakhi Jadhav attended 1-week AICTE and ISTE sponsored Short Term Training Program (STTP) on ‘Open Data Science and IOT ’ at VIT from 25th to 30th June, 2018.
- 28) Mr. Abhishek Chaudhari has successfully completed certification FDP course of “Introduction to IOT” (1.5 Weeks) in the month of Nov 2018.
- 29) Mrs. Dipti Karani has successfully completed FDP course of “Computational Electromagnetics & Applications” (1.5 Weeks) in the month of Nov 2018.
- 30) Mrs. Dipti Karani attended 1-day orientation program of NPTEL at SIES Arts, Science and Commerce College on 6th December 2018.
- 31) Dr. (Mrs.) Rajani Mangalahas conducted Session on 'An Introduction to Artificial Neural Networks' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 32) Ms. Rakhi Jadhav has conducted Session on 'An Introduction to Electrical Machines' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 33) Mr. Abhay Kshirsagar has conducted Session on 'Introduction to VLSI Design' & 'Introduction of Internet of Things' in One Week “Skill Development Workshop” during 8th Jan to 14th Jan 2019.
- 34) Mr. Yogesh Pandit has conducted Hands on Session on 'Digital Circuit Simulation using VHDL Programming' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.

- 35) Mr. Abhijeet Shete has conducted Hands on Session on 'PCB Design using EAGLE Software' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 36) Mr. Abhishek Chaudhari has conducted Session on 'Introduction to Embedded Systems and FireBird V' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 37) Mrs. Sarika Kuhikar has conducted Hands on Session on 'Introduction to MATLAB Simulink using Sim Power System' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 38) Mrs. Dipti Karanihas conducted Session on 'Introduction to MATLAB Programming (Hands-on)' in One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.
- 39) Mrs. Dipti Karanihas coordinated the One Week 'Skill Development Workshop' uring 8th Jan to 14th Jan 2019.
- 40) Mrs. Sarika Kuhikar has co-coordinated the One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019. Mr. Abhishek Chaudhari has co-coordinated the One Week 'Skill Development Workshop' during 8th Jan to 14th Jan 2019.

➤ **Achievements:**

- Dr. Parmeshwar Birajdar has successfully completed his PhD in Image Processing entitled “New Approaches using Wavelets and Filter Banks for Biometric Applications” from IIT Bombay, Mumbai in April 2018.



- Mrs. Jayamala Adsul received best paper award for Design and Simulation of a New Reconfigurable Analog to Digital Converter based on Multisim,” at 3rd Biennial International Conference on Nascent Technologies in Engineering(ICNTE) 2019

Mrs.Kavita Tewari

Head of department of Electronics Engineering