# K. J. Somaiya College of Engineering

**(Autonomous College Affiliated to University of Mumbai)**

## Department of Electronics and Telecommunication Engineering

***January - June 2017***

# Newsletter

# K J Somaiya College of Engineering

(Autonomous College Affiliated to University of Mumbai)

## Department of Electronics and Telecommunications

January – June 2017

### Inside This Issue


| | |
|---|---|
| **1** | Message from the Desk of Head |
| **2** | Program Educational Outcomes (PEO's) |
| **3** | Congratulations, Welcome, Good Bye, Department Meeting |
| **4** | Department Activities |
| **8** | Faculty Activities |
| **12** | Staff Activities |
| **12** | Student Activities |
| **15** | Technical Events |
| **16** | Placement Details and Student Internship |
| **19** | Result Analysis |


## Message from the Desk of Head

Welcome to yet another edition of Departmental newsletter. It is the reflection of achievements, activities in professional, academic and extracurricular activities of faculty, support staff and students. It was a great pleasure to work with you as Head of Department for more than three years. During these Years College and Department has gone through many changes. The smooth sailing from university pattern to academic autonomy, successful completion of NAAC accreditation was some of the milestones during this period. It was possible to achieve because of good teamwork and we all believe in **Good colleagues are those who know that 'WE' is more powerful than 'ME'.**

I am hopeful that the department will acquire greater heights in the years to come under able leadership of Dr. Amey Naik. I congratulate and aspire best wishes for the journey of the department.

**Prof. S.S.Kulkarni**
**HOD (EXTC)**

# Program Educational Outcomes (PEO's)

*Program Educational Objectives (PEOs) as "describe what graduates are expected to attain during the years of graduation."*

## Vision:

To become center of excellence for creating competent engineers with evolving technical skills, leadership qualities with human values to pursue excellence in professional field.

## Mission:

Providing quality education to

- Develop technical skills, soft skills and professional ethics to cater the needs of industry.
- Promote research and creativity in Engineering and technology.
- Inculcate awareness towards societal needs and environmental issues.

A graduate of Electronics and Telecommunication Engineering will be able to:

- **PEO1:** Excel in professional career by adapting emerging technologies.
- **PEO2:** Pursue higher education, research; address environmental issues with ethical practices.
- **PEO3:** Solve real life problems in a team as a member or as a leader.

## Program Specific Outcomes for Department

- **PSO1:** Pursue higher stuies in the field of Signal Processing, Networking and VLSI
- **PSO2:** Update Knowledge and Industrial Skills through Training and Internship

## Congratulations

### *NAAC visit – 17th April to 19th April, 2017*

- KJSCE has been awarded 'A' Grade by the "NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL" (NAAC) from May 2017.
- Peer Team:
  - Chairperson:
    Prof. Shashi K. Dhiman
    Professor of Physiscs, Himachal Pradesh University, Shimla
  - Member Co-ordinator:
    Dr. H. C. Nagaraj
    Principal, Nitte Minakshi Institute of Technology, Bengaluru
  - Member:
    Prof. S. Pugazhenthi
    Dean, School of Mechanical Engineering, SASTRA, University, Thanjavur, Tamil Nadu

### *Jan 2017*

University Minor Research Grant for the financial year 2016-17.

| Faculty Member | Title Proposal |
|---|---|
| **Dr. Ameya Naik** | Dietary Assessment using Medical Imaging and Pattern Recognition Techniques |
| **Swati Mahajan** | Design and development of solar PV panel soiling station and evaluation of soiling losses |
| **Dr. K. N. Patil** | |
| **Mr. Sandeep R. Sainkar** | Design and Development of active & passive devices for Enhancement of Antenna & Microwave laboratory facility |
| **Deepak Kulkarni** | |

## Welcome

### *June 2017*

Welcome to Dr. A. K. Naik as a Head for Department of Electronics and Telecommunication. We wish him all the best for his tenure.

### *January 2017*

Ms. A. N. Prabhu, Mr. M. M. Warang, Ms. Parul Sindhwad appointed as faculty.

## Good Bye..

### *July 2013 to June 2017*

We'd like to thank Prof. S. S. Kulkarni for her contributions towards the progress of the Department during her tenure as Head of Department.

## Departmental Meeting

### *5th April 2017*

***Meeting Agenda:***

- NAAC Visit Planning and Preparation

### *25th January 2017*

***Meeting Agenda:***

- Attendance of Students in Theory Classes

### *16th January 2017*

***Meeting Agenda:***

- Relook at the conventional process of Teaching learning
- Find gap in the content delivery at micro level
- College should allow students to do online course
- Further growth of individual teacher, Department & College.

# Department Activities

## Guest Lecture/Workshop/Seminar Organized

### *27th June to 1st July, 2017*

Five days ISTE approved STTP on "Bioinformatics: Emerging Research Trends and Applications" was organized at KJSCE, Vidyavihar.

Organizing Committee:

- Prof. S. C. Raut, Representative, EXTC Dept

### *29th May to 2nd June, 2017*

Department of EXTC organized ISTE approved One Week STTP on "Practical Approaches in Wireless Communication".

Organizing Committee:

- Prof. S. S. Kulkarni
- Prof. S. S. Mahajan
- Prof. B. A. Bose
- Prof. R .P. Patil
- Prof. A. S. Gawde
- Prof. K. R. Patel
- Prof. C. J. Ingle
- Prof. J. S. Tryambake
- Prof. A. N. Prabhu
- Staff Mr. S. A. Chaudhari

### 29th May, 2017:

Program started with lightening of lamp and prayer followed by key note address. The Speakers and topic for the day as follow:

Prof. Sharmila Sengupta inaugurating event

| Speakers | Topic |
|---|---|
| **Dr. Munir Sayyad, G. M. Jio Labs, Reliance Corporate Park, Ghansoli** | -Seamless connectivity of LTE and LTE advanced. -Future trends in IP based telecom sector |
| **Prof. Sharmila Sengupta, V.E.S. Institute of Technology, Mumbai** | Long Term Evolution and its role in wireless communication", and introduction to Omnet++ Network Simulation Tool |

Dr. Munir Sayyad is conducting Session

Industrial visit was organized at "Reliance Corporate Park, Ghansoli" to provide practical view of current telecommunication system. Ms Nitya Erkara and Akshya Patil from Reliance explained technical details.

Industrial Visit at Reliance Corporate Park

## 30th to 31st May 2017:

The Speakers and topic for the day as below:

| Speakers | Topic |
|---|---|
| **Mr. Thomas Santhosh, technical expert, Tetcos, Bangluru** | • Netsim Simulation: Theory of LTE and MIMO<br>• Hands on simulation for MANET, WANET |
| **Mr. Raghavendra Singh Chouhan, Tetcos, Bangluru** | • Hands-on for simulation of sensor Network. |

## 1st June 2017:

The Speakers and topic for the day as below:

| Speakers | Topic |
|---|---|
| **Dr. Y.S. Rao, SPIT, Mumbai** | • Introduction of various communication interfaces such as UART, USB used in practice along with wifi, Zig Bee modules.<br>• Hands-on GPS-GSM, Bluetooth and Zigbee. |

## 2nd June 2017:

The Speakers and topic for the day as below:

| Speakers | Topic |
|---|---|
| **Ms. Priyadarshini Salunke, Marketing Manager, Mr. Lokesh Bhatt Canara Bank** | • Informative session on "Mobile Banking Products". |
| **Prof. Prasanna Shete, KJSCE, Vidyavihar** | • Demonstration on measurement of different parameters such as light, temperature using single and multihop sensor network. |
| **Dr. Rahul Vaze, TIFR, Mumbai** | • "Capacity and Reliability advantages of MIMO Systems" |
| **Raj Sahakari, Tech Mahindra,** | • "Key trends in network |

| | |
|---|---|
| **Pune**<br><br>- | transformation".<br>• Network function virtualization (**NFV**) and Software Defined Network (**SDN**).<br>• Exhibition on Wireless communication test and measurement equipment. |

Prof. S.S. Kulkarni is felicitating Dr. Rahul Vaze

Tektronix Equipment's Exhibition

Prof. S.S. Mahajan is felicitating Prof. Prasanna Shette

Mrs. Rukmini is thanking Ms. Priyadarshini Salunke and Mr. Lokesh Bhatt

***4th July, 2016***

Prof. S. S. Kulkarni organized one day workshop on "Introduction to Experiential Learning" at KJSCE.

## Women's Day, March 2017

International Women's Day celebrated on 8th March 2017. Main attraction of the program was "Self Defence Demonstration".

- Co-ordinator: Prof. J. M. Varvadekar (WDC Member)

## Convocation Day Feb, 2017

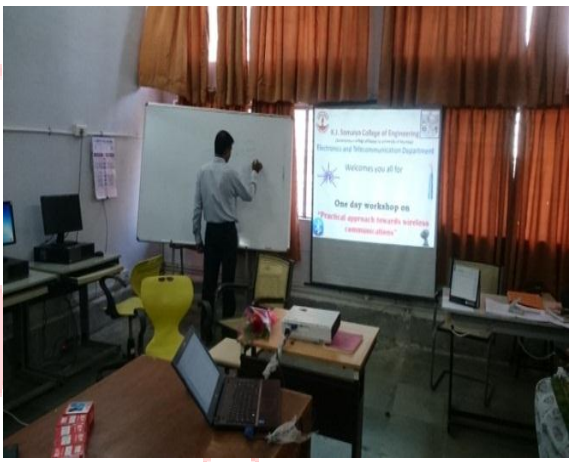
Department Degree distribution ceremony celebrated. We wish good luck to all students for their successful career.

Prof. J. M. Varvadekar felicitating Chief Guest Dr. Y. S. Rao

***6th January, 2017***

Department of EXTC organized One Day Workshop on 'Practical Approach towards Wireless Communication'.
The resource person for the occasion was Dr. Y.S. Rao (HOD, EXTC) from SPIT, Mumbai.

- The activity was aimed to study several Practical approaches towards Wireless Communication using ARM Processor, whereas to implement GSM, GPRS etc. applications using ARM Processor kit and to understand the efficiency of it over all other technologies especially in Wireless Sensor Network.
- Organizer: Prof. S. S. Mahajan
- Participants: Prof. S. S. Mahajan, Prof. B. A. Bose, Prof. K. R. Patel, Prof. S. S. Salve, Prof. C.J. Ingle, Prof. J. S. Tryambake, Prof. A. N. Prabhu, Prof. M. M. Warang, Prof. Parul Sindhwad



Dr. Y.S. Rao conducting Workshop

Participants at Workshop

***3rd January to 4th January 2017***

Department of EXTC organized Demonstration on Network Simulator Software (NetSim) for Wireless

Communication, Computer Communication Network and Internet over Voice Communication Labs respectively.

- Purpose of Software is to explore its properties for Protocol modeling and simulations, also, to analyze different computer networks with unmatched depth, power and flexibility
- Organizer: Prof. B. A. Bose
- Participants: Prof. S. S. Mahajan, Pof. R. P. Patil, Prof. S. P. Deshmane, Prof. A. S. Gawde, Prof. B. A. Bose, Prof. K. R. Patel, Prof. J. S. Tryambake, Prof. A. N. Prabhu, Prof. M. M. Warang, Prof. Parul Sindhwad

Participants learning NetSim

# Faculty Activities

## Dr. R. G. Karandikar

- ***22nd July, 2017***

  Conducted Ph.D. Interview and participated in DAB meeting for A.Y 2017-18 in Electronics & Telecommunication Engineering organized by Fr. C. Rodrigues Institute of Technology, Navi Mumbai.

- ***11th July, 2017***

  Appointed as Expert Nominee for the Examination Committee of Bhavan's Sardar Patel Institute of Technology.

- ***4th July, 2017***

  Conducted lecture for Faculty under the cluster titled Electrical Circuits mentor meeting at Vidyalankar Institute of Technology.

- ***2nd July, 2017***

  A Subject expert for the interview arranged in EXTC Engineering at Bharat College of Engineering Thane.

- ***1st July, 2017***

  A panel member in the selection committee for the recruitment interviews in the Department of Electronics Engineering at Shah & Anchor Kutchhi Engineering College, Mumbai.

- ***25th June, 2017***

  Delivered session on Defining Vision, Mission ,PEO's Process and Procedure for defining CO's, CO-PO Mapping-Activity & PEO's,PO's, CO,s Content Delivery and Assessment by Head Quality & Productivity Division, Engineering Staff College of India, Hydrabad.

- ***6th June to 8th June, 2017***

  Conducted session on "Academic Process-Policies and Procedures "in the training program conducted by Internal

Quality Assurance Cell (IQAC-KJSCE).

- ***22nd May, 2017***

  Nomination as Expert on selection Committee for appointment of Teachers in Electronics Engineering / Electronics & Communication Engineering Department of Shri Ramdeobaba College of Engineering & Management, Nagpur.

- ***9th May, 2017***

  Nominated by Vice Chancellor as Subject Expert on the Selection Committee to be constituted by New Horizon Institute of Technology and management (Women's College) Ghodbunder Road, Thane(West), governing body for appointment to the post of Assistant Professor and Associate Professor.

- ***13th April, 2017***

  A Paper-Setter & Examiner in the subject of Electrical Engineering under the Faculty of Technology for the Ph.D. entrance test for 1st half of 2017.

- ***20th March, 2017***

  Conducted USSC INTERVIEWS as an Expert at Alamuri Ratnamala Institute of Engineering & Technology.

- ***28th February, 2017***

  Delivered a lecture on "Research Methodology" under Faculty Development Program organized by Skill & Knowledge Enhancement Program, IEEE Bombay Section.

- ***27th February, 2017***

  Participant in the Panel Discussion on "Industry Institute Interaction " conducted by IETE ISF as a part of Oscillation 17.

- ***17th - 18th February, 2017***

  Functioned as national advisory committee member for 3rd Annual International conference on Encouraging Innovation & entrepreneurship in Engineering Education , Global partnership for best practices, policy framework for governance & quality enhancement organized by Tulsiramji Gaikwad - Patil College of Engineering & Technology, Nagpur.

## Dr. A.K.Naik

- ***March, 2017***

  - Received Research Appreciation Award for academic year 2014-2016 by Research & Development Cell, KJSCE, Vidyavihar.

  - Received award from ISTE chapter KJSCE for paper publication in peered reviewed journal- Elsevier Neuro Computing.

- ***11th March, 2017***

  Reviewed Paper for IEEE Transactions on Circuits and Systems II: Express Briefs organized by IEEE Transactions on Circuits and Systems II: Express Briefs.

- ***27th February, 2017***

  A Chief Guest for TECHXTER 6.0 organized by IETE Students Forum, SIES Graduate School of Technology.

- ***27th January to 28th January, 2017***

  A Chief Guest for 2nd Biennial International Conference on Nascent Technologies in Engineering organized by Fr.C. Rodrigues Institute of Technology Vashi, Navi Mumbai.

- ***20th October, 2016***

  Reviewed paper for IEEE Transactions on Signal Processing organized by IEEE Transactions on Signal Processing.

- ***17th September, 2016***

  Reviewed paper for IET Image Processing organized by IET Image Processing.

- ***6th September, 2016***

  Reviewed paper for Advances in Technology Innovation organized by Advances in Technology Innovation.

***Jan 2016 to Dec 2016***

Prof. S. S. Mahajan and Prof. S. S. Kulkarni received best paper award by ISTE Teacher Chapter, KJSCE, for the paper; "A Pilot Study: The Effect of Using Virtual laboratory on Students' Conceptual Understanding in Mobile Communications".

## Guest Lecture/Workshop/Seminar Attended

***22nd July, 2017***

Prof. M. M. Warang attended one day workshop on "Electronic System Design using AVR Microcontroller" organized by the Department of Electronics and Electronics and Telecommunication Engineering, KJSCE, Vidyavihar.

***27th June to 1st July, 2017***

Prof. J. M. Varvadekar, Prof. R. A. Jadhav attended AICTE-ISTE approved STTP on "Bioinformatics: Emerging Research Trends and Applications" at K.J. Somaiya College of Engineering, Vidyavihar organized by ISTE Teacher's Chapter, KJSCE, Vidyavihar.

***19th June to 23rd June, 2017***

Prof. K. V. Ajetrao attended FDC on CAS Program on "Advances in Rf Communication and Antenna" at Sardar Patel Institute of Technology.

***19th June to 23th June, 2017***

Prof. K. R. Patel attended ISTE approved one week STTP on "Innovative Teaching Tools and Methodologies for Engineering Faculty" at the Department of Electronics and Biomedical Engineeing, Vidyalankar Institute of Technology.

***14th June to 16th June, 2017***

Prof. S. S. Mahajan attended workshop on "5G Multi-User MIMO and Massive MIMO Systems" at Department of Electrical Engineering, IIT Kanpur in collaboration with E&C dept. M.S.R.I.T. Bengaluru.

***12th June to 13th June, 2017***

Prof. C. J. Ingle attended two days workshop on Embedded System Design on 430 under Texas Instruments at JSPM's Imperial College of Engineering, Pune.

***5th June to 9th June, 2017***

Prof. B. A. Singh attended five days workshop on "IEEE India Antenna week" at DIAT, Girinagar, Pune.

***29th May to 1st June, 2017***

Prof. M. M. Warang attended workshop on "Microcontroller Board Fabrication Workshop Phase I" at IITB, Electrical Department, Wadhwani Electronics Labs( WEL lab).

***11th April, 2017***

Prof. S. R. Sainkar, Prof. D.P. Kulkarni attended Expert talk on "Analytical Skills in Basic Electronics" by Dr. M.B. Patil at Department of Electrical Engineering, IIT Bombay.

***7th to 8th April, 2017***

Prof. M. M. Warang attended "e-YANTRA Symposium" at IIT Bombay.

***4th February to 22nd July, 2017***

Prof. A.N. Prabhu completed offline course on "Business Analytics" at IMS Proschool, Thane.

***11th to 12th January, 2017***

Prof. S. S. Kulkarni attended "the 4th international conference on Transformations in Engineering Education" at IUCEE and Manipal University, Jaipur.

***2nd January to 7th January, 2017***

Prof. B. A. Singh, Prof. K. V. Ajetrao and Prof. S. C. Raut has participated in one week FDP on "Wave Theory and Applications" at VJTI, Mumbai, (AICTE, QIP Programme).

## Guest Lecture/Workshop/Seminar Organized

***29th May to 2nd June 2017***

Prof. M. M. Warang organized workshop on "PT-51 Microcontroller Board Fabrication" at Department of Electronics, KJSCE, Vidyavihar.

## Faculty Publications

***June- July 2017***

Dr. A. K. Naik, "An Unified Framework for the Design of Low-Complexity Wavelet Filters" (accepted for publication) in Peer Reviewed Journal - International Journal of Wavelets, Multiresolution and Information Processing, World Scientific.

Prof. B. A. Singh , "Tapered Antenna Array using Non-Identical Triangular Msa Elements for First Sidelobe Level Reduction", IEEE Indian Antenna Week – 2017 at Defence Institute of Advanced Technology, Pune, 5th June - 9th June, 2017.

Prof. S. S. Kulkarni, "Curriculum Design for Effective Attainment of Graduate Attributes through Laboratory Courses". 4th International Conference on Transformations in Engineering Education (ICTIEE'17), 11th January - 12th January, 2017.

Prof. V. J. Satam, "Dual notched high gain diversity antenna for wide band

applications", International Journal: Microwave and Optical Technology Letters, 2017.

Prof. R. P. Patil, "Digital Signal Preservation Approaches of archived Biomedical Paper Records- A Review", IEEE conference on wireless Networks and embedded systems, 15th October- 16th October, 2016.

### Peer Reviewed Technical Papers

***9th April, 2017***

Prof. J. M. Kundargi reviewed conference paper organized by ICAC3'17, FCRCE, Bandra.

***January, 2017***

Prof. S. S. Kulkarni and Prof. H. N. Mundra reviewed for 4th International Conference on Transformation in Engineering Education (ICTIEE 2017) organized IUCEE (Indo Universal Collaboration for Engineering Education).

***October, 2016***

Prof. V. J. Satam reviewed manuscript for IEEE Antennas and Wireless Propagation Letters.

***April, 2016***

Prof. V. J. Satam reviewed manuscript for International Journal of Microwave and Wireless Technologies.

## Staff Activities

***29th May to 1st June, 2017***

Ms. J. S. Arekar attended workshop on "Microcontroller Board Fabrication Workshop Phase I" at IITB, Electrical Department, Wadhwani Electronics Labs (WEL lab).

***August, 2016 to June, 2017***

Mrs. N. K. Matte and Mrs. V. S. Jondhale completed Advance Diploma in "Computer Software System Analysis and Application" by MSBTE.

***2012 to 2016***

Ms. R. S. Veer and Ms. J. S. Arekar have completed AMIE in (E&C) Electronics & Communication Engineering from the Institution of India (IEI) Kolkatta University.

***9th January to 13th January, 2017***

Ms. J. S. Arekar attended One week training program on "Maintenance of Electronic Laboratory Equipments" at Vidyalankar Institute of Technology.

## Student Activities

### PG Student Publications

***ICEMTE, 2017***

Kunal Mahajan, Prof. S. S. Mahajan, "Simulation of visible light communication system", ICEMTE, International Conference on Emanations in Modern Technology & Engineering, LRTCOE, Mumbai, 4th March- 5th March, 2017.

Avinash Shinde, Prof. S. S. Mahajan, "Data Transmission using Visible light Communication: Experimental Approach", ICEMTE, International Conference on Emanations in Modern Technology & Engineering, LRTCOE, Mumbai, 4th March- 5th March, 2017.

Avinash Shinde, Prof. S. S. Mahajan, "Data Transmission using Visible light Communication: Experimental Approach", International Journal on Recent and Innovation Trends in Computing and Communication. 2017.

Rohit Mahajan, Dr. A. K. Naik ,"Comparison of Feature Extraction Methods for Image Analysis and its Application for Classification of Food Items in Computer Vision", International Conference On Emanations in Modern Technology and Engineering (ICEMTE-2017), 4th March- 5th March, 2017.

Rohit Mahajan, Dr. A. K. Naik, "Comparison of Feature Extraction Methods for Image Analysis and its Application for Classification of Food Items in Computer Vision", International Journal on Recent and Innovation Trends in Computing and Communication, 2017.

Harish Patil, Prof. N .S. Nagori, "Image Forgery Detection Using Adaptive Oversegmentation and Feature Matching" in International Conference On Emanations in Modern Technology and Engineering (ICEMTE-2017), 4th March- 5th March, 2017.

Harish Patil, Prof. N .S. Nagori, "Image Forgery Detection Using Adaptive Oversegmentation and Feature Matching", International Journal on Recent and Innovation Trends in Computing and Communication, 2017.

Aarti Chorghe, Prof. J. M. Kundargi, "Image Fusion and Recursive Filtering based Feature Extraction of the Hyperspectral Images", ICEMTE, International Conference on Emanations in Modern Technology & Engineering, LRTCOE, Mumbai, 4th March- 5th March, 2017.

Aarti Chorghe, Prof. J. M. Kundargi, "Image Fusion and Recursive Filtering based Feature Extraction of the Hyperspectral Images", International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 2017.

Sannidhi Dixit, Prof. J. M. Kundargi, "Image Distortion Measures for Face Spoof Detection", ICEMTE, International Conference on Emanations in Modern Technology & Engineering, LRTCOE, Mumbai, 4th March- 5th March, 2017.

Sannidhi Dixit, Prof. J. M. Kundargi, "Image Distortion Measures for Face Spoof Detection" International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 2017.

***ICATE, 2017***

Shruti Dixit, Dr. A. K. Naik, "An Image Processing Approach for Food Portion Detection and Identification", ICATE 2017.

Siddhesh Haldankar, Prof. D. P. Kulkarni, "A Compact Planar Antenna for Low Frequency Mobile Communication", ICATE 2017.

Priya Kharatmol, Prof. R. A. Jadhav, "Healthcare System using Sensors and Wi-fi Module", ICATE 2017.

Sushmita Salunkhe, Dr. R. G. Karndikar, "Exudates Detection from Fundus Retinal Image", ICATE 2017.

Chitralekha Narkhede, Prof. R. A. Deshpande, "Feature Extraction Using Pan Tompkins Algorithm For Arrhythmia Classification", International Conference on Innovations in Civil, Architectural and Transport Engineering (ICATE-2017).

Navneet Singh, Dr. R. G. Karandikar, "Design of Reconfigurable Monopole Antenna in Med Radio band", International Conference ICATE 2017.

Yadav Manojkumar Brijlal, Prof. B. A. Singh, "Microstrip Patch Antenna Using DGS for ISM Band", International Conference ICATE'17.

Yadav Manojkumar Brijlal, Prof. B. A. Singh, "Microstrip Patch Antenna Using DGS for ISM Band", International Journal ISTE, 2017.

Yadav Manojkumar Brijlal, Prof. B.A. Singh, "Design of Rectangular Microstrip Patch Antenna with DGS at 2.45GHz", International Conference ICATE'17.

Kirti Shanbhag, Prof. R. A. Deshpande, "Bimodal Biometric Watermarking" in Advanced Trends in Engineering (ICATE-2017), Mumbai.

Kirtika Madan Dubey, Prof. S. S. Kulkarni, "Design and Development of Automatic Level Control", ICCSP 2017 (IEE).

Navneet Singh, Dr. R. G. Karandikar, "Design of reconfigurable monopole antenna in med radio band", International Conference ISBN at DMCE.

Rahul Tichkule, Dr. R G Karandikar, "Application of time delay approach", International Conference ICTPACT 2017(IEEE).

## IETE Activities

### Oscillations 18th March, 2017

Technical Festival Oscillations 2017 (Departmental Day) was organized to congratulate meritorious students and declaration of Best Student of the Year. Also, some other technical events such as; Technical Paper Presentation (TPP) , Technical Quiz Competition and Hangout Zone were organized.

## Student's Achievement

T.Y. Btech (A-Div, EXTC) Students - Shubham Satish Pareek (IETE Tech head), Ishan Shah and Harsh Chaudhary had displayed their project "Alcalyzer" at Makermela-2017. Hindustan Times gave recognition to their project by dedicating an article for the project.

Prototype of Project "Alcalyzer"

Honey Singh – F.Y.B.Tech won Gold Medal in Kick Boxing at National Championship held Delhi in January 2017.

Kick Box Winner

## Technical Events

### PRAKALPA 31st March to 1st April, 2017

Theme of Prakalpa was Artificial Intelligence – Innovations towards Future. T.Y.B.Tech (Batch - 2016-17) Students namely, Harshal Nahane, Vaibhav Rao, Tejul Pandit, Dhanashree Lade won 1st Prize in Project Competition.

Prakalp'17 Winners

## Placement Details

| Sr. No. | Company | No. of offers (UG) | CTC (in Lacs) |
|---|---|---|---|
| 1 | Indus Valley Partners | 1 | 7.25 |
| 2 | Accenture | 54 | 3.4 |
| 3 | Infosys | 49 | 3.25 |
| 4 | Colgate | 4 | 4.68 |
| 5 | ATOS | 5 | 3.1 |
| 6 | E & Y | 1 | 4.25 |
| 7 | L & T infotech | 6 | 3.18 |
| 8 | Vodafone | 3 | 4.25 |
| 9 | Medianet communication | 5 | 2.4 |
| 10 | Reliance Industries Ltd. | 7 | 5.5 |
| 11 | Reliance Jio | 7 | 3.5 |
| 12 | Capgemini | 9 | 3.15 |
| 13 | Performics, Convonix | 2 | 3.20 |
| 14 | L & T Technology Services Ltd. | 5 | 3.6 |
| 15 | Eduisfun | 1 | 3.5 |

## Student's Internship 2016-17

**Third Year (T.Y. B.Tech)**

| Name | Industry/Institute Name | Nature of Activity | Period |
|---|---|---|---|
| **Shashvat Joshi** | Western Railway, Mumbai central | Exchange Machine Department | 04/02/2017 to 04/03/2017 |
| **Vinay Oswal** | Western Railway, Mumbai central | Exchange Machine Department | 04/02/2017 to 04/03/2017 |
| **Rahul Patel** | Western Railway, Mumbai central | Exchange Machine Department | 04/02/2017 to 04/03/2017 |
| **Swapnil Benke** | Western Railway, Mumbai central | Exchange Machine Department | 11/02/2017 to 11/03/2017 |
| **Mit Vakharia** | Air India, Kalina Mumbai | Base Maintenance and | 01/06/2017 |

| | | | |
|---|---|---|---|
| | | Avionics | to 30/06/2017 |
| **Vijen Sanghvi** | Air India | Base Maintenance and Avionics | 01/06/2017 to 30/06/2017 |
| **Swapnil Kumar** | Railtel Corporation of India | Maintenance of Railwire network | 01/06/2017 to 30/06/2017 |
| **Vishal Patangrao** | Railtel Corporation of India | Maintenance of Railwire network | 01/06/2017 to 30/06/2017 |
| **Bhushan Sabadre** | Railtel Corporation of India | Maintenance of Railwire network | 01/06/2017 to 30/06/2017 |
| **Vipul Rajderkar** | Railtel Corporation of India | Maintenance of Railwire network | 01/06/2017 to 30/06/2017 |
| **Shikha Kandpal** | Railtel Corporation of India | Functioning of SDH NOC and MPLS | 01/06/2017 to 30/06/2017 |
| **Tasbiha Baig** | TATA Power (SED) | Coding of LLC convertor | 01/06/2017 to 30/06/2017 |
| **Arushi Agarwal** | Reliance Jio Infocomm. Ltd | LTE concepts, Android based mobile automation | 01/06/2017 to 30/06/2017 |
| **Sudhanshu Sharma** | Railtel Corporation of India | Telecommunication Service | 06/06/2017 to 27/06/2017 |
| **Shubhanshu Dixit** | Oil and Natural Gas Corporation Ltd. (ONGC) | - | 01/06/2017 to 07/07/2017 |
| **Tejul Pandit** | Pragmatix Services | Data Science Intern | 21/06/2017 to 21/07/2017 |
| **Aditya Wani** | Technogravity Solution | R&D in Embedded system | 06/12/2016 to April |
| **Tejul Pandit** | Central Drug Research Institute | Podcast on Internet of Things | February to June 2017 |
| **Mansi Shah** | The Indian Economist | Marketing Analyst Program | 01/06/2017 to 30/06/2017 |

**Second Year (S.Y. B.Tech)**

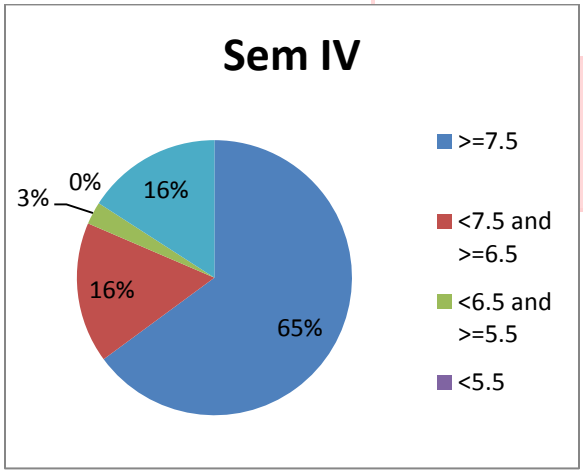
| Name | Industry/Institute Name | Nature of Activity | Period |
|---|---|---|---|
| **Divakar Yadav** | Shaheen Mistri (CEO of tech india) | - | 20/04/2017 to 10/06/2017 |
| **Rose mary** | BARC, Mumbai | - | 29/05/2017 to 20/07/2017 |
| **Mayank Jain** | Siemens | - | 01/06/2017 to 30/06/2017 |
| **Rochan Nehete** | HPCL, Mumbai | - | 21/05/2017 to 18/06/2017 |
| **Rani tresa** | Nuclear Power Corporation of India Ltd. Anushaktinagar | - | 22/05/2017 to 10/07/2017 |
| **Soham Pendse** | M/S Simen's Ltd. | - | 01/06/2017 to 30/06/2017 |
| **Chandresh Dhuri** | Training and Industrial Engineering, B.E.S.T. | Training on SCADA software for supply monitoring | 15/06/2017 to 14/07/2017 |
| **Mrinal Kadam** | L&T Infotech Pvt. Ltd. | | 01/06/2017 to 30/06/2017 |
| **Priyal Gudhka** | L&T Heavy Engineering | Submarine, Endurance, Vibration and Internal Wiring testing | 06/06/2017 to 08/07/2017 |
| **Mrunmayi Ekbote** | L&T Heavy Engineering | Submarine, Endurance, Vibration and Internal Wiring testing | 06/06/2017 to 08/07/2017 |
| **Abinaya Nagarnan** | L&T Heavy Engineering | Submarine, Endurance, Vibration and Internal Wiring testing | 06/06/2017 to 08/07/2017 |
| **Tanushri Das** | Bloombox, E-cell, KJSCE | Marketing and Android application development | 02/12/2016 to 02/01/2017 |

# Result Analysis

## May – June 2017

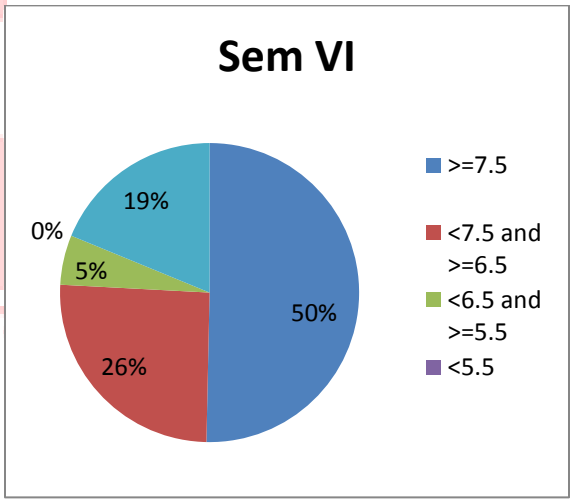
### Semester IV
### Toppers

| Name | GPA | Rank |
|---|---|---|
| Bhagat Priya Jitendra | 9.91 | 1 |
| Jagtap Siddhant Mabhav | 9.87 | 2 |
| Bajaj Divith Niraj | 9.83 | 3 |
| Abinaya Nagarajan Krishna | 9.74 | 4 |
| Ahuja Rajasi | 9.74 | 4 |
| Mohapatra Devanshi Dwaraka | 9.7 | 5 |
| G. Manasa | 9.7 | 5 |



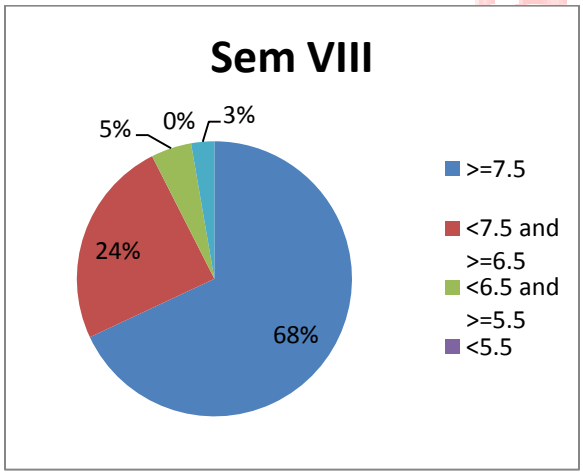

### Semester VI
### Toppers

| Name | GPA | Rank |
|---|---|---|
| Ganatra Darsh Deepak | 9.84 | 1 |
| Nene Sanjana Dayanand | 9.76 | 2 |
| Amrith Rangarajan Radha | 9.48 | 3 |
| Agarwal Arushi Arun | 9.48 | 3 |
| Shivthare Rohit Dnyanesh | 9.36 | 4 |
| Chiplunkar Anuj Milind | 9.24 | 5 |
| Ganatra Darsh Deepak | 9.84 | 1 |



## Semester VIII
## Toppers

| Name | GPA | Rank |
|---|---|---|
| Sharma Vipin Kumar Rajendra | 9.35 | 1 |
| Gawas Lalita Suresh | 9.15 | 2 |
| Jain Karishma Rajesh | 9.08 | 3 |
| Kothavale Ganesh Jayvant | 9.08 | 3 |
| Kolte Dipali Anil | 9.08 | 3 |
| Jayaswal Bishrut Balhans | 9 | 4 |
| Shirke Shreya Sanjay | 9 | 4 |
| Modi Samruddhi Pravin | 8.96 | 5 |
| Shedage Ashwini Shivaji | 8.96 | 5 |




Knowledge Alone Liberates
ज्ञानादेव तु केवलम्
Somaiya Vidyavihar

## Editorial Board

***Chair person***

**Prof. S. S. Kulkarni**

***Editorial committee***

**Ms. A. S. Kholapure**
**Ms. J. S. Tryambake**
**Ms. N. K. Matte**