



WE SEE DEPARTMENTS
DIFFERENTLY
E&TC



MODERN EDUCATION SOCIETY'S
COLLEGE OF ENGINEERING

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Department of Electronics & Telecommunication
Newsletter Vol.4, issue 14, JUN-OCT 2019

VISION

To Groom - Motivated, Environment friendly,
Self-esteemed, Creative and Oriented Engineers.

MISSION

To Develop Industry Oriented Manpower to accept the
challenges of Globalization, by promoting Value Education
through motivated trained faculty, by maintaining conducive
environment for education at affordable cost, by promoting
Industry Institute interaction, by involving alumni.

CONTENTS

<i>FROM HOD'S DESK</i>	2
<i>FROM THE EDITOR'S DESK</i>	2
<i>Staff Members</i>	3
<i>Class Toppers</i>	3
1. <i>Student Achievements</i>	4
2. <i>Faculty Achievement / Special Work</i>	4
3. <i>Department Activities</i>	6
<i>CYGNUS 2019 Technical and Non-Technical Events under ETSA</i>	6
4. <i>Activities for the Students</i>	7
5. <i>Extra- Curricular Activities</i>	9
5.1 <i>Cloud Literacy Day on 17th October, 2019</i>	9
5.2 <i>Debate Competition</i>	9

FROM HOD'S DESK

With great pleasure and honour, I write this foreword for the inaugural publication of Electronics and Telecommunication Engineering newsletter. Indeed, this newsletter is a testament to the department's commitment in imparting quality education in academia. This encompasses a right balance between research & development and teaching & learning and very much in line with the vision and mission of MESCOE. This newsletter highlights the national conference, workshop, seminars conducted by the department both by students and staff.

This newsletter will provide a glimpse of semester I of 2019-20. Through our Industrial relations and collaborative visits of academicians from different universities, we are trying to make our students industry ready and employable. Few of such efforts are reflected in this issue of newsletter.

At the end, I wish a great success for the Newsletter which will be a true reflection of the Department and will be an interface between the Department and the rest of the world.

Prof. P. B. Chopade
HOD, E&TC

FROM THE EDITOR'S DESK

Greetings!

Through this newsletter I had the opportunity to reflect our departmental activities carried out in last semester.

Coming together is a beginning
Keeping together is progress
Working together is success
- Henry Ford

I am delighted to stay connected with you through this Newsletter 2019-20 which contains the details about the activities carried out in the last semester.

Department of E&TC is trying to improve Industry-Institute interaction through MoU's with companies. What better way is there to do so than through engineering which entails creation and innovation in the physical world? It is said that creativity is thinking up new things and innovation is doing new things. Let the latent fire in the heart of every engineer acquire wings and the glory of this great country light up the sky for which I wholeheartedly seek your continuous support and constant encouragement.

I would appreciate your feedback.

Prof. S.S.Pansare

Staff Members

1	Dr. M. P. Dale	10	Mr. S. S. Pansare
2	Dr. P. P. Mane	11	Mrs. U. V. Bomble
3	Dr. P. B. Chopade (HoD)	12	Mrs. N. Masood
4	Dr. P. N. Kota	13	Mrs. Y. M. Aigar
5	Ms. B. M. Narute	14	Mrs. U. D. Dattasamaie
6	Mr. S. N. Dharwadkar	15	Mrs. M. M. Dhanviiav
7	Dr. K. S. Tiwari	16	Mrs. P. M. Bagul
8	Ms. A. A. Dhavalikar	17	Ms. P. S. Tondewad
9	Dr. R. S. Kadam	18	Mr. P. H. Mohite

Class Toppers



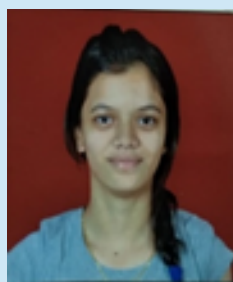
Shivam Chandel
SGPA 8.9



Mutha Shrenik
SGPA 8.5



Sajjanshete
Saiprasad
SGPA 8.4



Uttara Divte
SGPA 7.9



Komal Nagul
SGPA 7.8

Toppers of S.E.



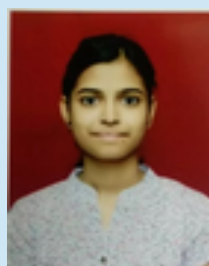
Chemate Manisha
SGPA 8.76



Deshmukh
Aishwarya
SGPA 8.30



Phansopkar Fiza
SGPA 8.26



Arbale Pallavi
SGPA 8.17



Bilore Shivani
SGPA 8.15

Toppers of T.E.



Ardhapurkar Purva
SGPA 9.11



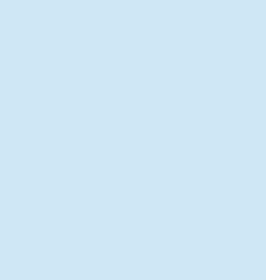
Apte Gaurav
SGPA 8.61



Borde Sharvari
SGPA 8.49



Garge Bhagyashree
SGPA 8.38



Sunita Waghmode
SGPA 8.37

Toppers of B.E.

1. Achievements of Students:

1.1 List of students placed in various companies

Sr. No.	Company Name	Name
1	L&T Infotech (LTI)	Barkha Amarlal Chainani
2	L&T Infotech (LTI)	Shruti Pothu
3	L&T Infotech (LTI)	Vrinda Omkarsingh Dhakad
4	Cognizent	Shweta Bambal
5	Cognizent	Siddesh Raskar
6	Cognizent	Rohit Tondare
7	Cognizent	Aarju Mulani
8	Cognizent	Fiza Fansopkar

1.2 Sports Achievement

Involvement of Students in Sports

Cricket (Boys)	
Yogesh Jadhav	Winners of Interstate Shahu Trophy 2019 at AISSMS, Pune
Omkar Pinjare	
Vedant Bhoasle	

2. Faculty Achievement / Special Work :

Staff Publications (Journal):-

1. Shraddha Habbu, M. P. Dale, "Estimation of blood glucose by non-invasive method using photoplethysmography", *Sādhanā* 44 (6), Springer, 135 (SCI) 2019
2. P. S. Tondewad, M. P. Dale, "Remote Sensing Image Registration Methodology: Review and Discussion", Third International Conference on Computing and Network Communications (CoCoNet'19)
3. P. P. Mane, P. Kholam, "Review on Food Categorization Techniques in Machine Learning", *International Journal of Research and Analytical Reviews*, Vol. 6, issue 2, April-June 2019, e ISSN 2348 -1269, Print ISSN 2349-5138, pp. 107-111.
4. P. P. Mane, A. Ringe, M. Dalvi, S. Kabugade, "IOT based SMART refrigerator using Raspberry Pi", *International Journal of Research and Analytical Reviews*, Vol. 6, issue 2, April-June 2019, e ISSN 2348 -1269, Print ISSN 2349-5138, pp. 154-158.
5. P. P. Mane, A. Gunjal, S. Gaware, V. V. Borkar, S. R. Aherrao, "HART Communication Based Distributed Measurement System", *International Journal of Research and Analytical Reviews*, Vol. 6, issue 2, April-June 2019, e ISSN 2348 -1269, Print ISSN 2349-5138, pp. 196-200.

Workshop/FDP attended :

1. Dr.P. B. Chopade attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
2. Dr.P. B. Chopade one Week FDP on "Cyber Security" from 23rd - 28th September 2019.
3. Dr. M.P.Dale attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
4. Dr. M.P.Dale attended one Week FDP on "Cyber Security" from 23rd - 28th September 2019
5. Dr. M.P.Dale successfully completed NPTEL Online certification Course (FDP) by IIT

- Kanpur on Developing Soft Skills and Personality (Topper in 1%) Credit: 02
6. Dr. M.P.Dale successfully completed NPTEL Online certification Course (FDP) by IIT Madras on Data Science for Engineers Credit: 02
 7. Dr. M.P.Dale successfully completed NPTEL Online certification Course (FDP) by IIT Madras on Python for Data Science (Topper in 5%) Credit:01
 8. Dr. P. P. Mane attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
 9. Dr. P. P. Mane attended One Week FDP on "Cyber Security" from 23rd - 28th September 2019
 10. Dr.P. N. Kota attended One Week FDP on "Cyber Security" from 23rd - 28th September 2019
 11. Dr. Prabhakar Kota completed NPTEL online course Teaching And Learning in Engineering (TALE)
 12. Prof. A. A. Dhavlikar attended One week FDP on data science at MESCOE from 19 August to 24 August 2019.
 13. Prof. A. A. Dhavlikar attended. One Week FDP on "Cyber Security" from 23rd - 28th September 2019
 14. Prof.S. S. Pansare attended workshop on "AgniMitra" at MESCOE
 15. Prof.Y. M. Ajar attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
 16. Prof. Y. M. Ajar attended one day FDP on cloud masters on 31 st August 2019.
 17. Prof. M. M. Dhanvijay attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
 18. Prof. M. M. Dhanvijay attended one Week FDP on "Cyber Security" from 23rd - 28th September 2019
 19. Prof.P. M. Bagul attended one week FDP on data science at MESCOE from 19 August to 24 August 2019.
 20. Prof.P. M. Bagul attended one Week FDP on "Cyber Security" from 23rd - 28th September 2019
 21. Prof.P. M. Bagul attended one day FDP on cloud masters on 31 st August 2019

Special Achievement:-

Prof. R. S. Kadam has successfully Completed PhD Titled " Design of Reconfigurable Antenna for Portable Devices" on 17th Sept. 2019 from SPPU Pune.



3. Department Activities:-

CYGNUS 2019 Technical and Non Technical Events under ETSA.

Departmental fest named **CYGNUS** was organised by E&TC Student's Association on 19th and 20th September, 2019 at Modern Education Society's College of Engineering.

The event was inaugurated by Principal Dr. A A Keste followed by ribbon cutting ceremony. The fest consisted of 10 events in total. They were broadly categorized into Technical and non-Technical events respectively. Technical events were related to more of academics combined with games, whereas non-technical events were for pure fun and recreational purposes.



Welcome Rangoli



Inauguration of CYGNUS19

All organizers of CYGNUS 2019, we congratulate all the participants and winners on the successful edition of CYGNUS. According to statistics a total of 230 participants were enlisted out of which 40-50 participants were from outside colleges. As of 19th, the scheduled events were Electro charades; Electro hunt ; Escape room; Battle grounds; Get set Golgappe; Roadies respectively. Most of the events were conducted smoothly, without any discrepancies. But we had to face delay for Roadies due to weather conditions. Our marketing team was still active for cases of on spot entries or any sort of enquiries raised by participants. Each event was assigned a faculty to oversee the progress and smooth flow. The two fine events of first day were Escape room and get set Golgappe. Both events attracted a lot of crowd and can be considered as main highlight of the fest. On 20th rest of the events took place. Roadies event was continued on 20th too. Due to our teams motivation and Hard work we were able to pull of such an event even after many setbacks. The total prize money given was Rs. 41000/- including all events. The budget Sanctioned was Rs. 80,000/-.



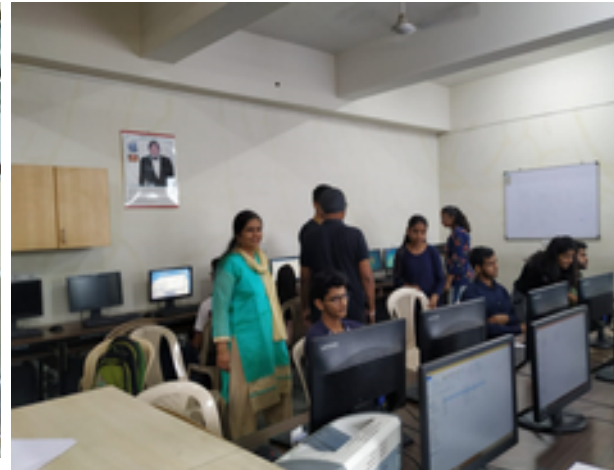
CYGNUS 2019 TEAM



DIGITAL INAUGURATION



GET SET GOLGAPPE



CRAZY PROGRAMMERS



ROADIES



SCAVANGER HUNT'S WINNERS

4. Activities for the Students

4.1. Guest Lecture on “Natural Language Processing” arranged for BE students on 19th September 2019. The speaker for the session was Mr. Proyas Bose, Data Scientist, Intelimint Group, Pune. Guest speaker introduced students to the challenges of empirical methods for natural language processing (NLP) applications.

He gave introduction on basic mathematical models and methods used in NLP applications to formulate computational solutions. He provided students with the knowledge on designing procedures for natural language resource annotation and the use of related tools for text analysis. He gave demo of some python codes for NLP to sharpen students programming skills for computational linguistics applications.



Photo:Mr.Proyas Bose delivering lecture on AI

4.2 Guest Lecture on “Discrete Fourier Transform and applications of DSP” was arranged for TE students on 13th August 2019. Guest speaker was Prof. Jayshree Pansare, MESCOE, Pune. She explained the fundamental concepts of Discrete Fourier Transform and different Applications of Digital Signal Processing and Discrete Cosine Transform.



Photo of the event: Resource person Prof. Jayshree Pansare delivering the lecture

4.3 Remedial Classes were arranged for TE students Critical in M-III Subject for TE students critical in SE exam for Subject M-III during the period from 08/11/2019 to 12/11/2019 (5 Days). The resource person was Dr.Vijayalakshmi Murli.

4.4 Seminar on Agriculture-IOT by Jasveer Singh from Sense it Out and Mr.Vishal Deshpande on 5G –IOT was arranged on 14th September 2019 for TE and BE students.

4.5 First Insem Training for the T.E & B.E students on: 26th Aug 2019 TO 30th Aug 2019 (5 days)

As per the MoU with ICT Academy, we have arranged the first Insem Training for the T.E & B.E students. Students who have registered for the job oriented training program attended this event.

Total Course Duration: 40 hours

The training is under AWS Academy, organized by ICT Academy.

Training module: AWS Cloud Certified Practitioner

4.6. Seminar on "Establishing Goals and Priorities and Career Opportunities in Core electronics” on Saturday 20-07-2019. This activity is under Industry-Institute Interaction cell.

A 3 hour Seminar on "Establishing Goals and Priorities" and career Opportunities in Core Electronics conducted by Mr.Vishal Deshpande for the S.E (E &TC) Students.

5. Extra Curricular Activities:

1. Cloud Literacy Day on 17th October, 2019

Department has celebrated Cloud Literacy Day on 17th October, 2019 as we are one of the member institutions of ICT Academy. All the registered students login to their AWS cloud account simultaneously and learn The Cloud 101 module online.

2. Activity: Annual Debate Competition,2019

Date: 4th September,2019

Time: 1:45 PM – 3:45 PM

The Annual Debate Competition 2019 was conducted in the presence of The Principal, The HODs of all the departments. The Judge for the competition was Mrs. V Bajaj , a teacher at Hutchings High School and Junior College Pune. She is an alumni of the Nowrosjee Wadia College and has held numerous posts in the school the House In-charge, Senior School Coordinator ,Drama Coordinator, Choir Coordinator. She has judged a number of debates and elocution competitions.

The first round of the competition was held on 3rd September and 6 participants were selected for the final round. The topic given to them was ,”Is the press today more of a money making business than an information hub?” . The Participants could either speak for or against the notion.

Each participant was given a time of 3 and a half minutes to speak followed by questions from either the judge or the audience.

The activity began with felicitation of the Judge, followed by the speeches the participants, Mrs. Bajaj was then requested to give a short speech. She gave her views on the notion and this was followed by the prize distribution.

The Results Of the competition were as follows

WINNER : Abhishek Patil from E&TC Department.

RUNNER-UP: Shravani Kanade from Computer Department.

