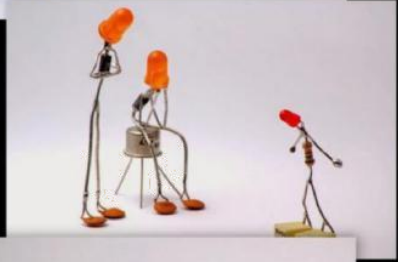




LOADING  
PLEASE WAIT...

WE SEE DEPARTMENTS  
DIFFERENTLY

**E&TC**



MODERN EDUCATION SOCIETY'S  
**COLLEGE OF ENGINEERING**

Wadia College Campus, PUNE-01

Phone No: 020 - 2616 3831

Email Id: principal@mescoepune.org

Website: www.mescoepune.org

Blog:

Department of Electronics & Telecommunication

Newsletter VOL.4, issue 14, JUN-FEB 2020

**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.

-----\*\*\*\*\*-----

**PATRON**

Dr. A. A. Keste (Principal)

**EDITOR**

Prof. S.S.Pansare

**CONTENTS**  
**FROM HOD'S DESK**  
**FROM THE EDITOR'S DESK**

1.	<i>Department Staff</i>	.....	4
2.	<i>Class Toppers for Semester 2019-20 Sem – I</i>	.....	4
3.	<i>Achievement of Students</i>	.....	5
3.1	<i>Student Placement</i>	.....	5
3.2	<i>Sports Achievemnt</i>	.....	5
4.	<i>Faculty Activity</i>	.....	6
5.	<i>Department Activities</i>	.....	7
5.1	<i>ETSA-Innerve 2020 technical and Non technical event</i>	.....	7
5.2	<i>Alumini Meet</i>	.....	12
5.3	<i>Parent Teacher meet</i>	.....	13
5.4	<i>Industry Visits</i>	.....	14
5.5	<i>Workshops</i>	.....	15
6.	<i>Extracurricular Activities</i>	.....	18

## **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 II of 2019-2020. 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. At the same time I wish to share with you a few pertinent facts with The demands for sustainable development have become the need of the hour necessitating the introduction of innovative engineering talent and leadership skills in myriad fields because what worked in the past is not going to guarantee success in the present; hence engineers of today require a different set of arrows in their quivers.

Department of E&TC is trying to improve Industry-Institute collaboration 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

### ***Department Staff:***

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. Ajgar
5.	Ms. B. M. Narute	14.	Mrs. U. D. Dattasamaje
6.	Mr. S. N. Dharwadkar	15.	Mrs. M. M. Dhanvijay
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

### ***2. Class Toppers***

#### **Toppers of S.E**

<b>Sr.No</b>	<b>Name of student</b>	<b>SGPA</b>
1	Bagekar Rishikesh Ashok	9.48
2	Salomi Rathod	9.44
3	Shah Nirzar Nikhil	9.28
4	Pawaskar Varad Satish	9.24
5	Bedre Dipali Dattatray	9.08

#### **Toppers of T.E**

<b>S.No.</b>	<b>Name of Student</b>	<b>SGPA</b>
1	Mutha Shrenik	9.17
2	Sajjanshette Saiprasad	8.86
3	Divte Uttara	8.82
4	Chandel Shivam	8.73
5	Nagul Komal	8.60

#### **Toppers of B.E**

<b>S.No.</b>	<b>Name of student</b>	<b>SGPA</b>
1	Chemate Manisha	9.18
2	Rakh Ganesh Dashrath	8.95
3	Deshmukh Aishwarya	8.91
4	Chopane Soniya	8.59
4	Bambal Shweta	8.59
5	Arzoo Meshram	8.45

### 3. Achievements of Students:

#### 1) List of students placed in various companies

Sr. No.	Name	Company Name
1	Bambal Shweta Avinash	Cognizant
2	Chainani Barkha Amarlal	LTI,TCS
3	Dahiphale Sandhya Vasanttrao	Qualitykiosk
4	Dhakad Vrinda Omkarsingh	LTI,TCS
5	Iyer Rahulnarayan Pasupathi	Qualitykiosk, Capgemini
6	Mulani Aarju Ismail	Cognizant
7	Phansopkar Fiza Ansar	Cognizant
8	Pothu Shruti venu	LTI
9	Raskar Siddhesh Shivaji	TCS
10	Salunkhe Shradha Subhash	Capgemini
11	Tondare Rohit Shirish	Cognizant
12	Undre Manasi Rajaram	Capgemini

#### 2) Sports Achievement

##### Involvement of Students in Sports

Cricket (Boys)
Yogesh Jadhav
Omkar Pinjare
Vedant Bhoasle

#### 4. Faculty Achievement / Special Work :

##### Staff Publications (Journal):-

1. R.S. Kadam, “ Reconfigurable Patch Antenna Design Using Pin Diodes and Raspberry PI for Portable Device Application”, **Wireless Personal Communication, Springer**, ISSN 0929-6212, Doi.org/10.1007/s11277-020-07128-1, Vol 112 : 1809 - 1828, No.3 Published Online : 22 January 2020.

##### Workshop/FDP attended :

1. Dr.P. B. Chopade attended ICT academy Bridge 2020 at Grand Sheraton Pune.
2. Prof. A. A. Dhavlikar attended ICT academy Bridge 2020 at Grand Sheraton Pune.
3. Prof.S. S. Pansare attended workshop on “IOT” at IOIT, Pune.

## 5. Department Activities:-

### 1. INNERVE 2020 Technical and Non Technical Events under ETSA.

A Departmental fest named INNERVE was organised by E&TC students' association on 10th February 2020 at Modern Education Society's College of Engineering Pune-01.

The event was inaugurated by Principal by ribbon cutting ceremony.

The fest consisted 7 events in total. They were classified as technical and non-technical events and were organised for pure fun and recreational purposes.

#### Brief Summary

Sr. no	Name of Event	Event Type	Event Heads	Price Money	No Of Participants
1	Techno- hunt	Technical event	Mudasser Shaikh	1 <sup>st</sup> -2000 2 <sup>nd</sup> 1000	40
2	Google charades	Technical event	Yogeshwar Sapkal	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	30
3	Math-Omania	Technical event	Pooja Mhade	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	34
4	Roadies 2.0	Non-Technical	Pratiksha Kamble	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	48
5	Blind Puri	Non-Technical	Swapnajeet Shendkar	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	50
6	Sherlock Holmes	Non-Technical	Sanjana Pardeshi	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	40
7	Debate	Non-Technical	Pranil Sakinal	1 <sup>st</sup> -2000 2 <sup>nd</sup> -1000	12



Before Inauguration.



Inauguration by Curtain Opening.



After Inauguration with all the respected Dignities and ETSA Core Team.





TECHNOHUNT.



GOOGLE CHARADES.



## SHERLOCK HOLMES.



## DEBATE COMPETITION.



## AFTER EVENT.

In conclusion as organizers of INNERVE 2020, we congratulate all the participants and winners on the successful edition of INNERVE. According to statistics a total of participants were enlisted. On 10<sup>th</sup> scheduled events were Sherlock Holmes, Debate Competition, Blind Puri, Math-O-Mania, Techno Hunt, roadies 2.0 and Google charades. All the events were conducted very smoothly without any discrepancies. Our marketing team was ready for on spot entries and any sort of enquiries raised by participants. Each event was assigned by faculty to oversee progress and smooth flow. The Two events which attracted the crowd most was Blind Puri and Roadies 2.0 and can be considered as main highlights of the fest. Due to our team motivation and hard work we were able to pull such an event after many setbacks. The total price money given was 21000. The budget sanctioned was 42000.

## 2. Alumni Meet-2020

MES College of Engineering had organized the Alumni Meet on 11th Jan 2020 (Saturday) in Seminar Hall 509. The Alumni Association of MESCOE was registered on 14th June 2019. The Alumni started arriving in the college by 9.00 a.m.

**Total Attendee - 101**

**Department of E&TC Engineering**

No. of Registered Alumni – 63

No. of Attendee - 40



Dignitaries on the dias and Dr.Kanchan Tiwari welcoming Alumni



E&TC Department staff with E&TC Alumni

### 3. Poster Presentation Activity



E&TC Department-Poster Presentation

### 3.Parent Teacher Meeting

Parents Teacher meeting held on 22<sup>nd</sup>Feb. 2020 in Room no 315, at the **Department of E&Tc ,Modern Education Society's College of Engineering, Pune-01.**

#### Attendees:

Parents/Guardians, All Teaching and Non-Teaching Faculties and Students

The Department of E&Tc organized a Parents-teacher meeting on Saturday, 22<sup>nd</sup> Feb. 2020 in the Room no 315, Department of E&Tc between 10 am to 12 noon. The main purpose of the meeting was to create a common platform, where teachers and parents come together to enrich the student's educational experiences and discuss a variety of issues, regarding all round development of students.



#### 4. Industry Visits:-

##### 1. Industrial Visit to Chheda Electricals and Electronics Pvt.Ltd.

**Name of Activity:** Chheda Electricals and Electronics Pvt.Ltd.

**Address:** Village: Palshi, Taluka: Khandala, Satara-412 801, Shirval near PUNE

**Name of the Contact Person:** Mr. Vijay Chheda

**Day & Date:** Friday, 14 February 2020.

**Target Audience:** Students of S.E. (E & Tc), Total : 120

**Type of Industry:** Electrical and Electronics Industry(Auto part making)

Students and staff were welcomed by Mr. Satyajit Rane. Head - HR Chheda Electricals & Electronics Private Limited. He gave brief introduction of the company. Students were divided in 4 groups and shown manufacturing assembly and testing sections. Company staff was very enthusiastic and they answered all queries of students happily.

Company provided lunch to all the students and faculty members. Where faculty and company staff interaction happened. It was a wonderful experience for the students.



SE E&TC DIV A students with Mr.Satyajeet Rane and faculty members



SE E&TC DIV B students with Mr.Satyajee Rane and faculty members

## 2. Industrial Visit to Bhira Hydropower Plant

**Name of Activity:** Industrial Visit to Bhira Hydropower Plant

**Address:** Village Patnus, Raigad-Maharashtra - 402308

**Day & Date:** Friday, 7 february 2020.

**Coordinator:** Prof. A.A.Dhavlikar

**Subjects:** Power Electronics

**Target Audience:** Students of T.E. (E & Tc), Total : 89

**Type of Industry:** Hydro Power Plant

**Bhira Hydroelectric Project** is an electricity generating complex in Bhira, [Maharashtra](#) state, India. It generates power using water from the nearby [Mulshi Dam](#). Bhira lies approximately 150 km from [Pune](#).

Bhira power station was commissioned in the year 1927. It is fed by Mulshi lake which has 523 MCM live storage capacity.

The present generation capacity of Bhira Hydro Power station is 300 MW out of which 150 MW is from Bhira Old power house (25X6) and 150 MW Bhira pumped storage unit. Pumped Storage Unit (BPSU) was commissioned in 1997.

The plant's maximum output capacity is nominally 300 [MW](#), generated by six 25 MW [Pelton](#) turbines and a 150 MW [pumped storage generator](#) added in 1997. In 2014 two 10 kW microturbine units were added to generate further power from the [tailrace](#) after the main turbines.

Water conductor system (WCS) of Bhira Old Power House (BOPH) consists of an intake, 4.38 km long tunnel followed by surge shaft, short length of tunnel (about 50 m), steel lined galleries (each 50 m long), Valve House No.1 (at Dongerwadi) and penstocks feeding Pelton units.

Water Conductor System (WCS) of pumped storage unit consist of intake Tunnel (No2) followed by surge shaft, valve house, steel lined tunnel, penstock feeding BPSU unit.



TE E&TC students at BHIRA power plant along with HOD Prof.P.B.Chopade.

### 5. Workshop:

**“Four days workshop on Ideation and Entrepreneurship in IOT”, on 8<sup>th</sup> Feb, 9<sup>th</sup> Feb and 7<sup>th</sup> March, 8<sup>th</sup> March 2020**

This scheme is introduced by the Board of Students' development, Savitribai Phule Pune University under workshop/seminar/other activity and is jointly organized by Department of Electronics and Telecommunication Engineering, Modern Education Society's College of Engineering, Pune, This program is organized for E&TC Engineering students.

#### About Speaker

1. Mr. Aniket Vykos
2. Mr. Vishal Deshpande
3. Mr. Abhijeet Ankush



Inauguration and felicitation of Resource Person



Students Listening to Mr.Aniket WayKos





## 6. Extra Curricular Activities:-

Activity Name: Donation drive on the occasion of Republic day.[in collaboration with NSS]

Date and Venue : On 26/01/2020 at PUNARUTTHAN SAMARASATA GURUKULAM.

Participants : Students of ENTC department, ASTITVA unit and NSS wing.

Activity Objectives:

To provide recreational reading books for fun and reference books for knowledge, food material and clothes.

"At the moment we persuade a child, any child, to cross that threshold, that magic threshold in to a library; we change their lives forever, for the better."

-President Barack Obama

*"You have not lived today, until you have done something for someone who can never repay you"*





NOTE 8  
MITYA NAKAT



गेती ७० वर्ष समाजाच्या मुख्य प्रवाहापासून दूर असलेल्या अनेक जाती-जमाती आजही एक अमानवी आयुष्य जगत आहेत. शिक्षा मागणे, घरोघरी, सिग्नल वर विविध वस्तु विकणे, मोल मजुरीची कामे करणे, त्याचबरोबर अनेक बेकायदेशीर व्यवसाय करून आपली व आपल्या कुटुंबाची उपजीविका भागवितात. शिक्षणाच अभाव, अस्मर गरिबी, अंधश्रद्धा, व्यसनाधीनता, भटकती यासुळे हा समाज अनेक वर्षे मागास आहे. अश्याच आदिवासी आणि भटक्या जाती-जमातीच्या जीवन बदला करिता अनेक संस्था कार्यरत आहे. त्यांच्या भागी चिकित्सांना उत्तम शिक्षण देऊन, त्यांना भारताचे जबाबदार, शिक्षित आणि सुसंस्कृत नागरिक बनविण्याचे स्वप्न या संस्था पाहत आहे. समाजाच देण आणि या संस्थांचे हाल बळकट करण्यासाठी आपण मदत करून एक प्रयत्न करत आहोत. आपण सद्बल हाताने मदत करावी हीच विनंती 🙏

चिटिया चौच भर ले गर्द, नदी को घटयो न नीर ।  
दान दिये धन ना घटे, कह गये संत कबीर ॥



\*for donation\*  
venue- 423 or 001 of MESCOE  
last date for donation - 25/01/2020