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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.

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PATRON
Dr. M. P. Dale (Principal)

EDITORS

Prof. B.M.Narute
Prof. U. D. Dattasamje

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FROM HOD'S DESK

It gives me an immense pleasure to write a few words for our newsletter. Education plays an important role in enabling a person to face a real-life situation with adequate knowledge. The current era is referred to as the era of Artificial Intelligence and machine learning. Sustained advancement in the previous decade has led to the burst of Internet and Wireless Communication and information technology. The processing performances once exclusive to Super Computers are now available in handheld personal digital devices. Improvements in Integrated Circuits have enabled space explorations, made automobiles more efficient, revolutionized the nature of warfare are brought vast libraries of information into our Web Browsers and made world a more interdependent place. As a part of this, MESCOE has made outstanding progress in academic, co-curricular, extra-curricular activities. The department of E&Tc is accredited by NBA for three years with a good grade. Also, the institute is accredited by NAAC with A++ Grade.

We, as Electronics & Telecommunication department always expose our students to various activities such as ASTITVA, ETSA, various technical and extracurricular Clubs such as ROBOCLUB, E-BAJA, etc. My best wishes to all the readers for scaling bigger success and achieving newer heights in future! Wish you all the best!

Dr. Pranoti P. Mane

 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. This newsletter is intended to be published twice in an year. It would be a snapshot of the various activities and advancements for all associated with E&Tc department.
I am delighted to stay connected with you through this Newsletter 2022- 23 Sem1 which contains the details about the activities carried out in the last semester.
I appreciate your support and feedback

Prof. B. M. Narute
Prof. U. D. Dattasamje

STAFF MEMBERS

Sr. No.	Abbreviations	Full Name
1.	MPD	Dr. Manisha.P .Dale
2.	PPM	Dr.Pranoti.P. Mane
3.	PBC	Dr. Pravin.B. Chopade
4.	PNK	Dr.Prabhakar.N. Kota
5.	BMN	Prof. Bharati.M. Narute
6.	SND	Prof. Shrinivas. N. Dharwadkar
7.	KST	Dr. Kanchan. S. Tiwari
8.	AAD	Prof. Aparna. A. Dhavalikar
9.	RSK	Dr. Rekha. S. Kadam
10.	SSP	Prof. Sunil. S. Pansare
11.	UVB	Prof. Usha. V. Bomble
12.	NM	Prof. Nabega. Masood
13.	YMA	Prof. Yogita. M.Ajgar
14.	UDD	Prof. Uma. D.Dattasamje
15.	MMD	Prof. Mrinai. M.Dhanvijay
16.	PMB	Prof. Priyanka.M. Bagul
17.	PST	Prof. Priyanka. S. Tondewad
18.	NPJ	Prof. Namrata P. Jangale
19.	SST	Prof. Sukruti. S. Taori
20.	VHK	Prof. Vaishali. H. Kamble
21.	AVS	Prof. Akshata. V. Salunke
22.	PSD	Prof. Puja Deokate
23.	SDG	Prof.Suchita D. Ganage
24.	Gk	Prof. Gauri Kulkarni
25.	KPS	Prof. K.P.Sinde

CLASS TOPPERS :

Toppers of SE

SWAPNIL DHONDIRAM AKHADE	NAIK DEVANSH PARESH	NEERAJ THOMBRE	NAIK SHRUTI SURYAKANT	POPALGHAT VISHNU SANTOSH
SGPA: 8.36	SGPA: 8.14	SGPA: 8.05	SGPA: 7.86	SGPA: 7.73

Toppers of TE

ANJALI SURYAKANT JADHAV	BALGUDE PRANJAL VILAS	MALI ADITI ARUN	THANVI KHUSHAL RAJENDRA	AVCHARE MRUNAL MANIK
SGPA: 9.05	SGPA: 8.29	SGPA: 8.05	SGPA: 8.05	SGPA: 7.95

Toppers of BE

KHOCHARE VINAY ASHOK	NILAWAR ESHIKA PRAVIN	MOHASIN MANSUR MULLA	NAIK MIHIR PARESH	NALAWADE VAISHNAVI SUNIL
SGPA: 9.1	SGPA: 9	SGPA: 8.95	SGPA: 8.95	SGPA: 8

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Achievements of Students:

Sr. No.	Name of staff/student	Paper Details
1	Vinay Khochare Sakshi Garad Pranav Bhalerao Dr. K. S. Tiwari Best Paper Award	Paper Presented in conference ACCET 2023 " Design and Implementation of Reversible Vedic Multiplier on Artix-7 FPGA"
2	Vinay Khochare Sakshi Garad Pranav Bhalerao Dr. K. S. Tiwari Best Project Award	Design of Reversible ALU

2) List of students placed in various companies

Sr. No.	Name	Company Name	Package
1	Aarti Yogesh Thakur	Actalent	4.5 LPA
2	Kanishka Bhalchandra Pawar	Actalent	4.5 LPA
3	Dipak Borbale	Actalent	4.5 LPA
4	Vipul Sawant	Actalent	4.5 LPA
5	Tejas Rohidas Sonawane	Actalent	4.5 LPA
6	Shashikant Shinde	Actalent Services	4.5 LPA
7	Vaishnavi Bhale	ACTALENT	4.5 LPA
8	Ruchika Bhoyar	Bosch chassis system India Pvt Ltd chakan, Pune	4.5 LPA
9	Akshada Shinde	Bosch Chassis Systems India Pvt ltd	4.5 LPA
10	Disha Gaikwad	Bosch chassis system India Pvt Ltd chakan, Pune	4.5 LPA
11	Arnav Deepak Botre	Consultadd	5 LPA

12	Bhakti Atul Landge	Consultadd Services Private Limited	5 LPA
13	Toral Jagdish Katke	ConsultAdd	5 LPA
14	Kshitija Ingale	einfochips an Arrow Compny	4Lpa
15	Chaitanya Mahajan	E Infochip	4Lpa
16	Pragati Babasaheb Latpate	GIC	4Lpa
17	Ramsha Shaikh	Gic	4Lpa
18	Sanskrati Patankar	GIC	4Lpa
19	Mohsin Mansur Mulla	Godrej Infotech Limited	3.5
20	Vaishnavi Sunil Nalawade	Godrej Infotech	3.4
21	Rohan Ulhas Gilbile	SAS Research & Development India Pvt. Ltd.	6.5
22	Rashmi Ravindra Mali	SAS	6.5
23	Aniket Dipak Wasnik	SAS	6.5
24	Chaitali Pawar	Tata consultancy Services	3.36
25	Vaibhavi Sanjay Shewale	TCS	7
26	Harshal Sandip Patil	TCS	4
27	Aditya Ajay Jadhav	TCS	7
28	Sanket Pravin Patil	TCS	3.36
29	Shantanu Joshi	TCS	7
30	Sakshi Garad	Tejas Networks	10 LPA
31	Vinay Ashok Khochare	Tejas Network	10 LPA

32	Medha Patil	ConsultAdd	5 LPA
33	Bhakti Landge	ConsultAdd	5 LPA

Faculty Achievement / Special Work :

Dr. K.S. Tiwari:
1. Worked as Reviewer for National conference in VNIT, PCEMS 2023
2. Working as Reviewer for Scopus Indexed Journal "International Journal of Advanced Computer   Science and Applications (IJACSA)."
3. Worked as Reviewer for conference in ACCET 2023
4. Best Paper Award for " Design of Reversible Vedic Multiplier"
5. Best Project Award in Inter Departmental Project Competition.
6. Session Chair for ACCET 2023

U.V.Bomble :   Session Chair for ACCET 2023

Dr. M. M. Dhanvijay :
1. ACCET 2022-23 Coordinator
2. Worked as Reviewer for conference in ACCET 2023
3. Published a Scopus indexed article in journal Force Control of A   Motorized Multi-Axis Ceiling Suspended System with Force-Torque Sensor Patil, S.M., Dhanvijay, M.R.,Chaudhari, K.A.,Dhanvijay, M.M. SSRG International Journal of Electrical and Electronics Engineering, 2023, 10(5), pp. 79–86

WORKSHOP / FDP ATTENDED :

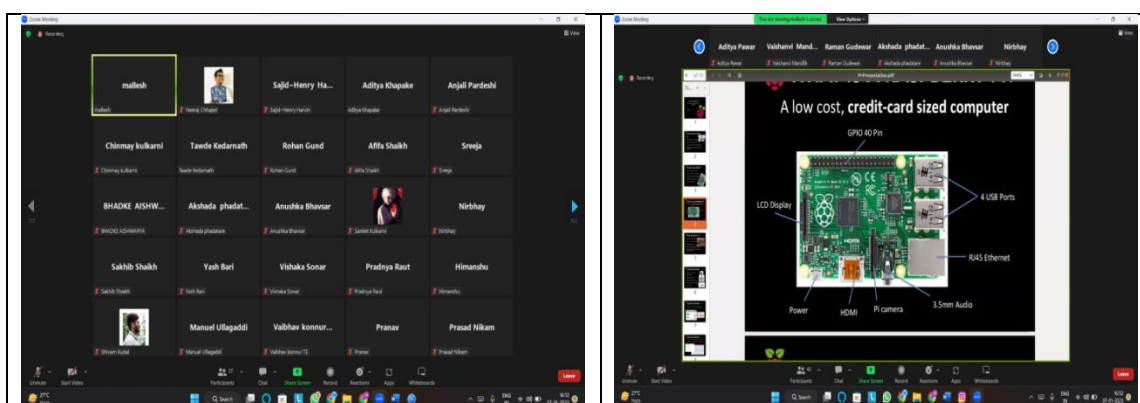| Sr. No	Name of teacher	Name of conference/ webinar/FDP/ FOW/workshop attended
1.	Dr. P.N.Kota	Innovation and Entrepreneurship
		Training Program on IP awareness training Program under innovation cell Gov. of India
		Workshop on the Cloistered Potential of Augmented and Virtual Reality from Concept to creation . (CDAC)
2.	Dr. Kanchan. S. Tiwari	Completed 5 days' Workshop on EV Technology and Battery Modelling Math works, IESA
		Completed 5 days STTP on"Data Science for All with R " in Dept. of CSE & Dept. of Mathematics NIT Warangal
		Completed 10 days FDP on AI Applications for Engineers in NIT Warangal and SIDTM , Pune
		Completed 3 days FDP on Effective Teaching Persistent , Pune
3.	Mrs.Aparna Kulkarni	one week "Faculty Development Program" on "Recent Trends in Machine Learning" under the aegis of IETE Student Forum and Professional Activity Centre of IETE, New Delhi organized by

		Department of E&TC, AISSMS College of Engineering, Pune
		Online Faculty Development Program on "Deep Learning Applications, Tools, Process Design and Development" organized by the Department of Computer Engineering in association with IIC-MESCOE.
		Faculty Orientation Workshop on BE(E&TC) Digital Marketing revised syllabus (2019C) under the aegis of Board of Studies (E&TC), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Zeal College of Engineering & Research, Narhe, Pune
		one Week Faculty Development Program on "Business Intelligence in Data Science"
		One week ONLINE FDP on "Deep learning and its applications "at MMCOE,PUNE
4.	S.S.Pansare	Successfully completed 4 Week NPTEL Swayam Online certification on "Innovation by Design" from IIT Madras 4 Weeks Jan-Feb23 Swayam-NPTEL
5.	Prof.Y.M.Ajgar	One week FDP on Research Methodology The practical approach organised by Dept of E&TC Sinhgad Academy of Engineering ,Pune
6.	Ms. Priyanka Tondewad	FOW on "Elective 6 Remote sensing " organised by Hope foundation's International Institute of Information Technology, Pune under Hope foundation's International Institute of Information Technology, Pune

DEPARTMENT ACTIVITIES :

Parent meeting was conducted on Saturday, May 6, 2023, in an online format .Parents were encouraged to discuss their child's performance, attendance, and any relevant queries with the teachers. Discussion about the future plans of the students.

Guest Lectures :-

Introduction to Raspberry Pi was conducted on 07th January 2023, Electro Infinity Club conducted its First workshop of 2023. It was a successful event. The Speaker Mr. Mallesh and Anjali Pardeshi explained basics of Arduino and its working. The second session was on Raspberry Pi where he explained basics of raspberry pi, pin connection, and its programming technique and also explained difference between Arduino and Raspberry Pi.

Workshop Conducted on MATLAB by Ankit Kumar
A workshop on MATLAB was conducted by Ankit Kumar, an industry expert who works as an application engineer in Design Tech Systems Pvt Ltd. The workshop aimed to provide students with a comprehensive understanding of the basics of MATLAB and its applications in engineering. The workshop was conducted on the 11th April for SEA E&TC and 12th April for SEB E&TC students at the college campus.

Fibre Splicing workshop conducted on 03-05-23. Fiber Splicing technique is used in optical fibre communication, in order to form long optical links for better as well as long-distance optical signal transmission. He has shown practically how to consider geometry of two fibers, their proper alignment and mechanical strength. He also brought the various connectors like SCPC, SC APC, LC/PC to display.

ELECTRO ESSENTIAL workshop was conducted by Vaishnavi Mandlik. on 05/05/2023 at 3:30 Pm. The workshop was divided into three sessions. Atharva explained different types of electronic components and its contents. Then the second session was a Non-Tech Speech by Arnav Botre which was a Junior Senior Interaction where he guided the students about engineering life and how to deal with various problems followed by QNA session. Neeraj Chhajed give guidance regarding Arduino Uno and its software Arduino IDE. After the session quiz organized for participants.

BE Project Departmental Competition and Demonstration was conducted on 12/5/2023**.**The demonstration was started at 10:00AM. Externals evaluates all projects along with the internal project guide. Externals share their views on student's project with the project coordinator Dr. R.S. Kadam. They gave valuable suggestions, motivated and appreciated the students for their project work.
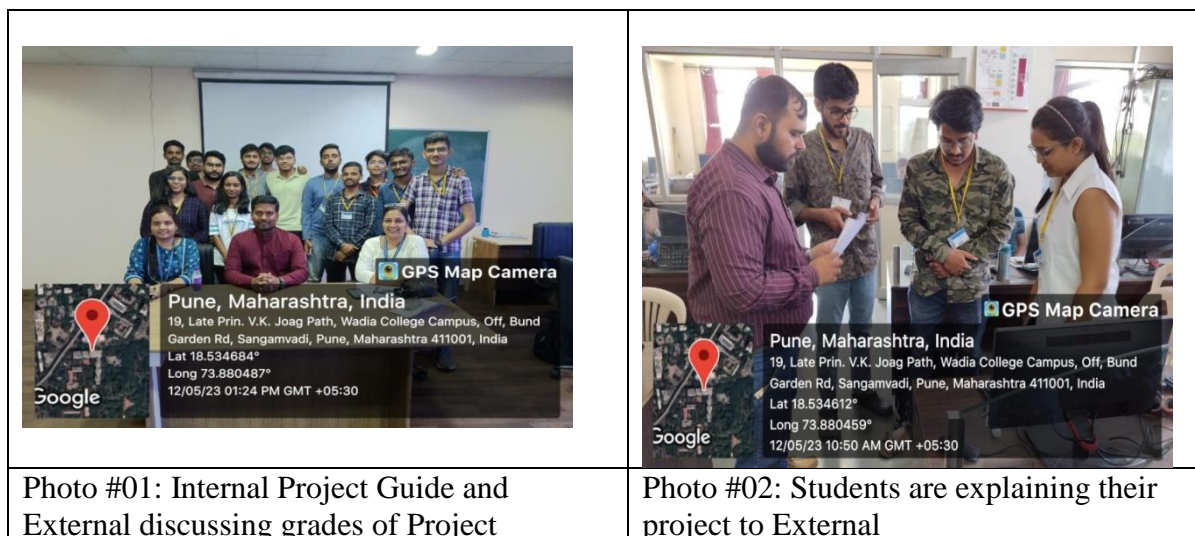

Photo #01: Internal Project Guide and External discussing grades of Project	Photo #02: Students are explaining their project to External

BE Project Review- III and IV B.E. students gave their Project review – IV presentation. Respective panel members conducted this review. Student gave presentation based on their project progress on
24-03-23.

PCB Designing Workshop by Homraj Reddy had conducted during 1/2/2023 to2/2/2023.On first day the introduction to PCB designing software &on second day the designing of circuit on PCB conducted. Day 1started at 9:30 am with inauguration ceremony by lighting the lamp , Dr. Pranoti Mane, HOD Entc addressed to the students and introduced the guest Mr. Homraj Reddy. Sir showed their industrial level project and circuit design.

Two Days Support Staff Skill Development Program on " **Excel and Advanced Excel**" Organised by IQAC in association with Dept of E&TC All supporting,

administrative, library staff who is working in Modern Education Society were attended this workshop. Mr. Jaysing Bhosale (Faculty Member ,IBS ,Pune) and Prof. Arun Prasad (ERP Consultant and academician ,IBS, Pune) effectively conducted workshop on 14ᵗʰ, 15ˢᵗ Feb, 2023 Tuesday, Wednesday(Two days).

Support Staff Skill Development Program on the topic "आयुष्यघडविताना" had been conducted for all supporting, administrative, library staff of the institute. It is organized by IQAC in association with Department of Electronics & Telecommunication on 7/01/2023.

Curricular Activities:-

One-day LaTeX workshop has organized on 21/4/2023. The program featured expert speakers from prestigious institutes in India. 51 participants participated in the offline training, aimed at enhancing capacity advanced techniques for writing Mathematics, report writing, technical paper writing paper writing.,figure and sub-figures, Index, Beamer, referencing and bibliography,
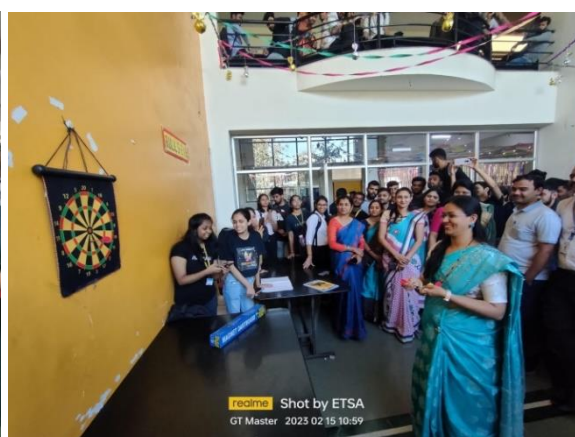
Extra-Curricular Activities:-

1. AARAMBH 2K23 REPORT

Annual Departmental fest named Aarambh 2k23 was organized by Electronics and Telecommunication student's association on 15th, 16th and 17th February 2023 in association with Modern Education Society's College of Engineering Pune-01. The event was held in offline mode after 3 years. The fest consisted of 10 events in total. They were classified as technical and non-technical events and were organized for pure fun and recreational purposes.
EVENTS CONDUCTED: Codewar Circuit Design and Simulation Tech Quiz Valorant Neon Cricket Expedition Unknown Blind Pani Puri Bull's Eye IPL Auction Debate.

Women's Day celebrated on 8th march 2023.The Expert Speaker Neha Bhosale, Founder L & D Faciliator, Skillsgenix has invited for the session. In the Session subject Expert explained management between personal and professional life and guidance regarding parenting responsibilities. Social factors affecting on women's performance also discussed.

| Photo #01:All ladies staff along with guest | Photo #02: Speaker Neha Bhosale and Participants |

"IETE Inter Collegiate Project Competition-2023" has organized on 24th April 2023. The program started with saraswati Poojan and introduction and felicitation of Chief Guest Dr. D.S. Bormane , Dr. R.D. Kharadkar, Dr. S.B. Somani and Industry Experts. Dr. P. P. Mane gave glance of various activity conducted under IETE chapter and department. Principal Dr. M. P. Dale elaborate College journey and achievement. Chief guest Dr. D. S. Bormane importance of Project competition. All dignitaries interacted with students. Student from different colleges, MESCOE IETE student members are present for interaction with IETE Executive Committee.The judges evaluated all Project and selected five toppers . Various students from SE , TE and Bishop school students visited Project competition.

| Photo #01: MESCOE IETE Student members, Staff with IETE Executive committee and Industrial expert | Photo #02: Bishops School Kalyaninagar students with participants |