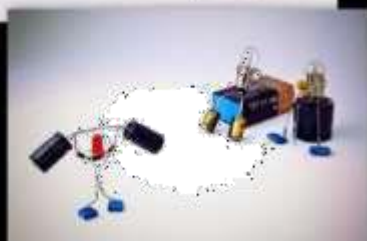
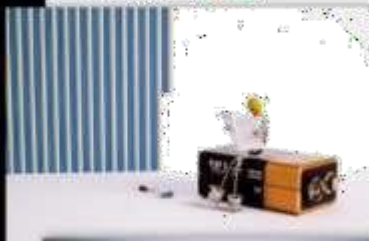




**WE SEE DEPARTMENTS
DIFFERENTLY**

E&TC



MODERN EDUCATION SOCIETY'S
COLLEGE OF ENGINEERING

Wadia College Campus, PUNE-01

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Department of Electronics & Telecommunication

Newsletter Volume – 17 Issue 26, JAN-MAY 2023

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 and 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 | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| NAIK DEVANSH PARESH | SWAPNIL DHONDIRAM AKHADE | NEERAJ THOMBRE | MANAKOJI KIRTI BHIMASHANKAR | POPALGHAT VISHNU SANTOSH |
| SGPA: 8.27 | SGPA: 8.27 | SGPA: 8.11 | SGPA: 8.09 | SGPA: 8.0 |
| Toppers of TE | | | | |
|  |  |  |  |  |
| ANJALI SURYAKANT JADHAV | BALGUDE PRANJAL VILAS | THANVI KHUSHAL RAJENDRA | SALGALKAR SUDNYA RAJKUMAR | AVCHARE MRUNAL MANIK |
| SGPA: 9.12 | SGPA: 8.9 | SGPA: 8.55 | SGPA: 8.5 | SGPA: 8.43 |
| Toppers of BE | | | | |
|  |  |  |  |  |

| | | | | |
|-----------------------|--------------------------------|------------------------|---------------------------|-------------------------|
| SANSKRATI PATANKAR | NALAWADE VAISHNAVI SUNIL | THAKUR AARTI YOGESH | BORBALE DIPAK ARUNAPPA | KHOCHARE VINAY ASHOK |
| SGPA: 9.39 | SGPA: 9.18 | SGPA: 9.14 | SGPA: 9.11 | SGPA: 9.11 |

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. | Company Name | Name | Package |
|---------|----------------------------|---------|---------|
| 1 | Anjali Jadhav | Visteon | 7.00 |
| 2 | Pranjal Balgude | Visteon | 7.00 |
| 3 | Yash Bari | GIC | 4LPA |
| 4 | Rohan Choughule | GIC | 4LPA |
| 5 | Vishakha Sonar | GIC | 4LPA |
| 6 | Rohan Somnath Gund | GIC | 4LPA |
| 7 | Chinmay Sanjay Kulkarni | GIC | 4LPA |
| 8 | Parvati Sunil Khokle | GIC | 4LPA |

| | | | |
|----|------------------|---------------|------|
| 9 | Adarsh Patil | GIC | 4LPA |
| 10 | Shubh P Malkar | GIC | 4LPA |
| 11 | Vinit Gamre | Amazon | 3.50 |
| 12 | Anushka Ghate | Amazon | 3.50 |
| 13 | Christy Daniel | Amazon | 3.50 |
| 14 | Samriddhi Diwedi | Amazon | 3.50 |
| 15 | Madhur Bagwe | Amazon | 3.50 |
| 16 | Rohan Honde | Amazon | 3.50 |
| 17 | Ansh Tomar | Eidiko | 4.70 |
| 18 | Sudnya Salgarkar | Bharti Airtel | 5.50 |
| 19 | Utkarsha Mokal | Bharti Airtel | 5.50 |

Faculty Achievement / Special Work :

Dr. K.S. Tiwari:

1. Lung Cancer Prediction from CT Images and using Deep Learning Techniques
2. Design of exact reduct rough set hardware accelerator for early-stage diabetes risk prediction
Worked as Reviewer for conference in ACCET 2023.
3. Patent Published on Automatic Forest Fire Protection 202341035602A
4. Patent Published on IOT Based Heavy Vehicles Fire accident detection and emergency alert System.

Dr. M. M. Dhanvijay :

1. E-Commerce Engineering Navigating Web Development Based Voice for Local
2. A manuscript is published in SCOPUS indexed journal
3. A design patent published for title An instrument for measuring students' IQ 415239-001

I) International Conferences/National conference

| Sr. No. | Name of the teacher | Title of the book/chapters published | Title of the paper | Title of the proceedings of the conference | Name of the conference | National / International | ISBN/ISSN number of the proceeding | Name of the publisher |
|---------|-----------------------|--------------------------------------|--|--|--|--------------------------|---|-----------------------|
| 1. | Dr. Kanchan S. Tiwari | | Lung Cancer Prediction from CT Images and using Deep Learning Techniques | TEE CCOWN | Trends in Electrical , Electronics and Computer engineering conference | International | https://doi.org/10.1109/TEECCON59234.2023 | IEEE |
| | | | Design of exact reduct rough set hardware accelerator for early-stage diabetes risk prediction | <u>Results in Control and Optimization</u> | Elsevier Journal | International | https://doi.org/10.1016/j.rico.2023.100331 | IEEE |
| 2. | Prof. M.M Dhanvijay | | E-Commerce Engineering Navigating Web Development Based Voice for Local | ICCC MLA | 2023 IEEE 5th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA), Hamburg , Germany , 2023 | International | Electronic ISBN:979-8-3503-3828-7 | IEEE |

Publications (Journal):-

| Name of the author/s | Title of paper | Name of journal |
|-----------------------------|--|------------------------|
| Dr. Kanchan. S. Tiwari | Patent Published on Automatic Forest Fire Protection 202341035602A | IJIRT |
| Dr. Kanchan. S. Tiwari | Patent Published on IOT Based Heavy Vehicles Fire accident detection and emergency alert system 202341035602A | IJIRT |
| Dr. Mrinai Dhanvijay | A manuscript is published in SCOPUS indexed journal | |
| Dr. Mrinai Dhanvijay | A design patent published for title An instrument for measuring students' IQ 415239-001 | |

WORKSHOP / FDP ATTENDED :

| Sr. No | Name of teacher | Name of conference/ webinar/FDP/ FOW/workshop attended |
|---------------|---------------------------------------|---|
| 1. | | Barclays in association with Rubicon Foundation had organized 2 days soft skill training session Barclays in association with Rubicon Foundation had |
| 2. | Dr. Rekha Kadam Prof. N. Yusufzai. | A guest lecture on Radiation and Microwave Theory |
| 3. | P.M. Bagul Mam. | ROBO VISION EVENT |
| 4. | Dr. K.S. Tiwari | MESx 2.0 |

| | | |
|----|----------------------|--------------------------|
| 5. | Prof. Yogita Ajar | IOT SYNERGIA |
| 6. | Prof. U.D,Dattasamje | Cloud Computing Workshop |

Special Achievement

Dr. K.S.Tiwari: Patent Published on Automatic Forest Fire Protection 202341035602A
Patent Published on IOT Based Heavy Vehicles Fire accident detection and emergency alert system 202341035602A

Dr. M.M.Dhanvijay 1. A manuscript is published in SCOPUS indexed journal
2. A design patent published for title An instrument for measuring students' IQ 415239-001

DEPARTMENT ACTIVITIES :

Parent meeting was held on Saturday, 02nd Sept. 2023 in Seminar hall 514. Parents were informed to attend the meeting through WhatsApp messaging and telephonic chat by the respective Parent Teacher. Parents were invited to discuss their wards performance attendance and related queries.



Photo #01: Faculty with Parents



Photo #02: Interaction with Parents

Guest Lectures :-

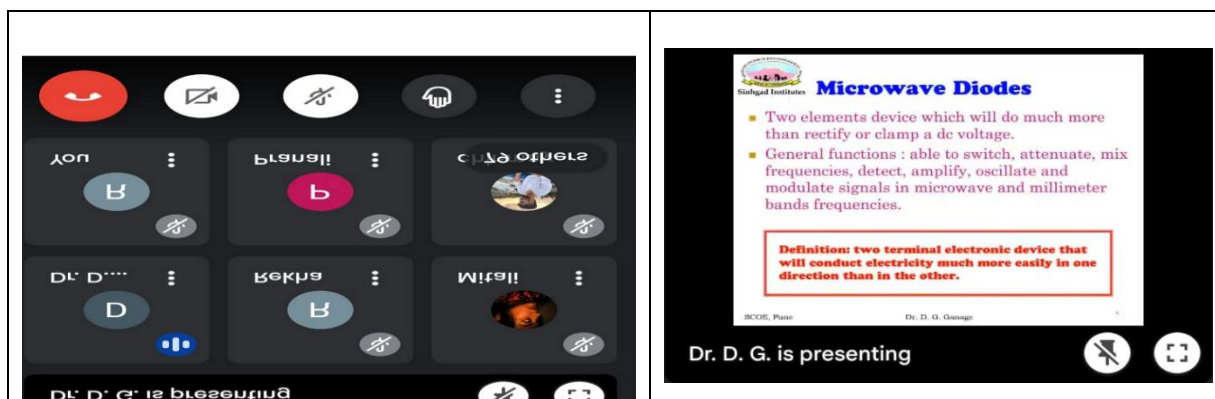
Barclays in association with Rubicon Foundation had organized 2 days soft skill training session conducted on 18th & 19th Aug,2023.

It was started with the introduction of students and some self-motivating adjectives assigned to their personalities. Day 1 was started with SWOT analysis and combined group interviews. Further with Group Discussion among the students. Each row was given particular topic to discuss and prepare and present for 10 minutes .After that students were thought basic ethics and manners for sitting for an interview. At last Personal Interview of all students was taken and session was ended.



A guest lecture on Radiation and Microwave Theory

A guest lecture on Radiation and Microwave Theory have been organized by Coordinator of event and subject teachers Dr. Rekha Kadam and Prof. N. Yusufzai on 18th Oct. 2023 from 2:30PM to 4:30PM. The expert speaker Dr. Dharmendra Ganage from SCoE, Pune has invited for the lecture. In the session, Subject Expert explained all solid state microwave components in detail. In the last 10 minutes students asked queries and speaker answered all queries satisfactorily.



ROBO VISION EVENT

On Thursday, October 26th, at 3 pm, 'Robo Vision' event was organized by Robo club members. Many students were present for the session. The event was successfully conducted. The guest speaker was an inspirational and renowned personality Chris Bastianpillai, the founding Partner of RoboMinds and Opex Consult. The event was led and executed under the guidance of Professor P.M. Bagul Mam



MESx 2.0 On 5th Oct 2023 day 1 Sachin Tayde were delivering a presentation about the field of data science as a guest lecturer. On 6th Oct 2023 day 2 Shridhar Mankar gave motivation to participants through an interactive session.



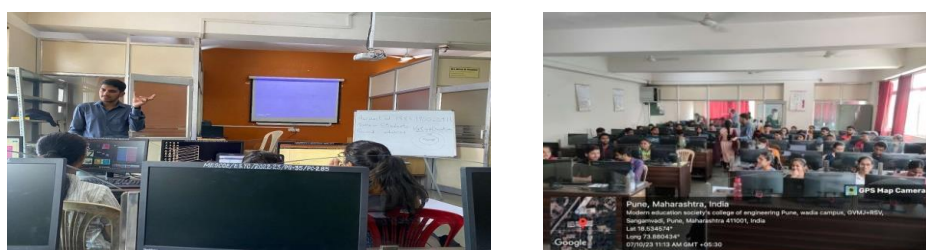
Workshop

IOT SYNERGIA conducted on 14th , 15th & 21st Oct 2023

The offline workshop was organized by the Electro Infinity Club team. On 14/10/2023 (Saturday), 15/10/2023 (Sunday), and 21/10/2023 (Saturday), Electro Infinity Club conducted. The Speaker of this event was Prof. Mr. Chandrakant Joshi Sir. Day one of IOT SYNERGIA was based on brief information of IOT and working of Arduino UNO. At the start of event Prof. Chandrakant Joshi Sir introduced himself. Day 2 of IOT SYNERGIA was based on Node MCU ESP8266, which is a IOT device, that provides Wi-Fi and programming capabilities. At the start of session Sir introduced Node MCU ESP8266 its pin diagram. Then he explained significance of various blocks of Node MCU ESP8266. Day 3 of IOT SYNERGIA was based on Raspberry Pi. Sir discussed on uses and operation of Raspberry Pi.



Cloud Computing Workshop Conducted On 7th Oct 2023. On 7th October 2023, MES's Wadia college of Engineering Pune had arranged Cloud Computing Workshop for students of Final year E&TC department. The Speaker for the event Mr. Arsalan Khan. He is an automotive cyber security engineer.



Curricular Activities:-

Bug Safari conducted on 13th & 14th Aug ,2023.

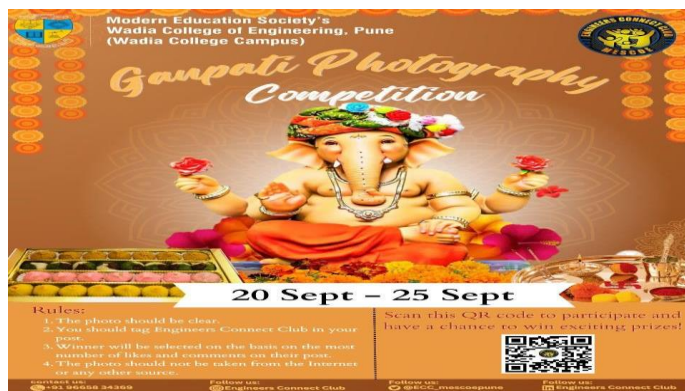
The Online Event was a resounding success, bringing together quiz and puzzle enthusiasts for an entertaining and intellectually stimulating experience. The event's ability to connect people from diverse backgrounds and geographical locations highlights the growing popularity of online quiz and puzzle events in the digital age.



Extra-Curricular Activities:-

Ganpati Decoration Competition From 20th To 25th Sep 2023.

This online Ganpati Decoration competition, hosted on Instagram, invites participants to showcase their creative prowess by sharing their unique Ganpati decorations. The winners will be determined based on the number of likes and comments received on their respective posts. This format encourages engagement and community involvement while celebrating the artistry of the participants.



Induction Program Conducted On 26th sept,2023.

The event was held to know students know about club and giving them introduction about club and club activities. Introduction of new core members and giving farewell to old members. Prize distribution was held for online event competition.



