

Co-Curricular Activities 2021-22
E & TC Department

| Sr. No. | Particulars | Organized by CCOEW (No. of students) | Organized by Other Institutes (No. of students) | Total (No. of students) |
|----------------|--|---|--|--------------------------------|
| 1 | Paper Presentation- List of Winners | 0 | 09 | 09 |
| 2 | Paper Presentation- List of Participants | 0 | 39 | 39 |
| 3 | Project Competition- List of Winners | 0 | 0 | 0 |
| 4 | Project Competition- List of Participants | 0 | 17 | 17 |
| 5 | Workshop/Seminars- List of Participants | 01 | 4 | 5 |
| 6 | Other Technical Events- List of Winners | 10 | 07 | 17 |
| 7 | Other Technical Events- List of Participants | 02 | 18 | 20 |
| 8 | ROBOCON Participation | - | 8 | 8 |
| 9 | Patent Filed | - | - | 1 |

1. PAPER PRESENTATION

| INTERNATIONAL | NATIONAL | STATE |
|---------------|----------|-------|
| 48 | 0 | NIL |

| Sr. No. | Particulars | No. of Students |
|---------|--------------|-----------------|
| 1 | Winners | 09 |
| 2 | Participants | 39 |

List of Winners

| Sr. No. | Name of the Student | Title of the Paper/Event | Month & year | Within state/ National level/ International level Publication or Journal or Event | Organizing Institute | Prize/Award |
|---------|---------------------|---|----------------------------------|---|----------------------|---------------------------|
| 1 | Ankita Kajale | Smart Gadget for Women Safety Using IoT | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |
| 2 | Namira Shaikh | Smart Gadget for Women Safety Using IoT | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |
| 3 | Pratiksha Temgire | Smart Gadget for Women Safety Using IoT | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |
| 4 | Roshni Sensharma | User Councillng Voice Controlled Chatbot AI Powered Human Interaction | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |
| 5 | Sanjukta Choudhary | User Councillng Voice Controlled Chatbot AI Powered Human Interaction | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |

| | | | | | | |
|---|--------------------|---|-------------------------------|---------------|-------------------|---------------------------|
| 6 | Mahima Talegaonkar | User Councelling Voice Controlled Chatbot AI Powered Human Interaction | 23-24 th July 2021 | International | MMCOE Pune | Best Research Paper Award |
| 7 | Mansi Bhandarkar | Comparative Study of Unscented and Extended Kalman Filtering methods for State of Charge Estimation of Lithium-Ion Battery in EVs | 26-30 th Sept.2021 | International | Curtin University | Got AUPEC prize -2021 |
| 8 | Rutuja Kulkarni | Comparative Study of Unscented and Extended Kalman Filtering methods for State of Charge Estimation of Lithium-Ion Battery in EVs | 26-30 th Sept.2021 | International | Curtin University | Got AUPEC prize -2021 |
| 9 | Tanvi Kumbhar | Comparative Study of Unscented and Extended Kalman Filtering methods for State of Charge Estimation of Lithium-Ion Battery in EVs | 26-30 th Sept.2021 | International | Curtin University | Got AUPEC prize -2021 |

List of Participants

| Sr. No. | Name of the Student | Title of the Paper/Event | Month & year | Within state/ National level/ International level Publication or Journal or Event | Organizing Institute |
|---------|---------------------|--------------------------------------|--------------|---|----------------------|
| 1 | Amruta Pomane | Covid-19 Detection Using Chest X-ray | July-2021 | International | IJATES |
| 2 | Swaliha Sonadi | Covid-19 Detection | July-2021 | International | IJATES |

| | | | | | |
|---|------------------|--|--|---------------|-----------|
| | | Using Chest X-ray | | | |
| 3 | Aishwarya Shinde | Covid-19 Detection Using Chest X-ray | July-2021 | International | IJATES |
| 4 | Tanvi Oka | Text Summarization of News Articles | 5-6 th August 2021, 6 th International Conference on ICT | International | ICT4SD |
| 5 | Prachi Patankar | Text Summarization of News Articles | 5-6 th August 2021, 6 th International Conference on ICT | International | ICT4SD |
| 6 | Shivani Rege | Text Summarization of News Articles | 5-6 th August 2021, 6 th International Conference on ICT | International | ICT4SD |
| 7 | Meghna Raje | Object tracking by adaptive fusion of thermal infrared and visible spectrum imaging using particle filter and structural similarity index metric | Oct-Dec.2021 | International | JARS-SPIE |
| 8 | Nikhita More | Object tracking by adaptive fusion of thermal infrared and visible spectrum imaging using particle filter and structural similarity index metric | Oct-Dec.2021 | International | JARS-SPIE |
| 9 | Shivangi Sinha | Object tracking by adaptive fusion of thermal infrared and visible spectrum imaging using particle filter and structural similarity index metric | Oct-Dec.2021 | International | JARS-SPIE |

| | | | | | |
|----|----------------|---|----------|---------------|----------------------|
| 10 | Tanvi Takavane | Stocks and Cryptocurrency Price Prediction using Long short term memory | May.2022 | International | IJERT |
| 11 | Trisha Shah | Stocks and Cryptocurrency Price Prediction using Long short term memory | May.2022 | International | IJERT |
| 12 | Rishima Mathur | Stocks and Cryptocurrency Price Prediction using Long short term memor | May.2022 | International | IJERT |
| 13 | Isha Bhasme | Fuel Consumption Prediction of Cars Using Machine Learning | May 2022 | International | GIS SCIENCE JOURNAL, |
| 14 | Supriya Malkar | Fuel Consumption Prediction of May 2022Cars Using Machine Learning | May 2022 | International | GIS SCIENCE JOURNAL |
| 15 | Aayushi Mohod | Fuel Consumption Prediction of Cars Using Machine Learning | May 2022 | International | GIS SCIENCE JOURNAL, |
| 16 | Trupti Bhapkar | Recognition of real time Indian Sign language gestures for Cafeteria | May 2022 | International | Dikensian Journal |

| | | | | | |
|----|-----------------------------|--|-----------|---------------|---|
| 17 | Siddhi Dhamale | Recognition of real time Indian Sign language gestures for Cafeteria | May 2022 | International | Dikensian Journal |
| 18 | Arati Dhawale | Recognition of real time Indian Sign language gestures for Cafeteria | May 2022 | International | Dikensian Journal |
| 19 | Jahanvi Ashok Singh | Covid-19 Prediction Model using LSTM | May 2022 | International | GIS SCIENCE JOURNAL, |
| 20 | Pranita Bhagwatrao Dhakne , | Covid-19 Prediction Model using LSTM | May 2022 | International | GIS SCIENCE JOURNAL, |
| 21 | Madhura Rohit Pansare | Covid-19 Prediction Model using LSTM | May 2022 | International | GIS SCIENCE JOURNAL, |
| 22 | Rutuja Soni | Generation of Art for Mental Health Detection and Aid | May 2022 | International | Dikensian Journal ISSN No. :0012-2440, Volume 22, Issue 5 |
| 23 | Ritvi Mishra | Generation of Art for Mental Health Detection and Aid | May 2022 | International | Dikensian Journal ISSN No. :0012-2440, Volume 22, Issue 5 |
| 24 | Rutuja Shreshthi | Generation of Art for Mental Health Detection and Aid | May 2022 | International | Dikensian Journal ISSN No. :0012-2440, Volume 22, Issue 5 |
| 25 | Geetanjali Bhosale | Simulation of Self Driving Car using CNN | June 2022 | International | GIS SCIENCE JOURNAL |

| | | | | | |
|----|-------------------|---|---------------|---------------|---------------------|
| 26 | Bhumika Bhagia | Simulation of Self Driving Car using CNN | June 2022 | International | GIS SCIENCE JOURNAL |
| 27 | Akankasha Hatle | Simulation of Self Driving Car using CNN | June 2022 | International | GIS SCIENCE JOURNAL |
| 28 | Piyusha Babar | Human face Generation Using DCGAN | May-June 2022 | International | IJMCR Journal |
| 29 | Yashanjali Chavan | Human face Generation Using DCGAN | May-June 2022 | International | IJMCR Journal |
| 30 | Shital Indulwar | Human face Generation Using DCGAN | May-June 2022 | International | IJMCR Journal |
| 31 | Hrutuja Satpute | Deepfake Creation Using Generative Adversarial Network | June.2022 | International | GRADIVA Journal |
| 32 | Samruddhi Raut | Deepfake Creation Using Generative Adversarial Network | June.2022 | International | GRADIVA Journal |
| 33 | Pragati Sapke | Deepfake Creation Using Generative Adversarial Network | June.2022 | International | GRADIVA Journal |
| 34 | Shreya Jare | Speed Estimation and License Plate Detection of Moving Vehicles | June 2022 | International | GIS SCIENCE JOURNAL |
| 35 | Anushka Katre | Speed Estimation and License Plate Detection of Moving Vehicles | June 2022 | International | GIS SCIENCE JOURNAL |

| | | | | | |
|----|----------------------|---|---------------|---------------|-----------------------------------|
| 36 | Priyanaka Sutar | Speed Estimation and License Plate Detection of Moving Vehicles | June 2022 | International | GIS SCIENCE JOURNAL |
| 37 | Aarfa Sheikh | Object Detecion based on Multi-modal adaptive fusion using YOLOv3 | Apr-June 2022 | International | Journal of Applied Remote Sensing |
| 38 | Apurva Baru | Object Detecion based on Multi-modal adaptive fusion using YOLOv3 | Apr-June 2022 | International | Journal of Applied Remote Sensing |
| 39 | Sanjana Shinde Desai | Object Detecion based on Multi-modal adaptive fusion using YOLOv3 | Apr-June 2022 | International | Journal of Applied Remote Sensing |

2. PROJECT COMPETITION

| | | | |
|----------------------|-----------------|--------------|--------------------------------|
| INTERNATIONAL | NATIONAL | STATE | COLLEGE (Internal) |
| 03 | 09 | 05 | 17 |

| Sr. No. | Particulars | No. of students |
|----------------|---------------------|------------------------|
| 1 | Participants | 17 |

List of Participants

| Sr. No. | Name of the Student | Name of the event in which participated/ Title | Month & year | Within National level/ International level | Organizing Institute |
|----------------|----------------------------|---|-----------------------------|---|------------------------------|
| 1 | Madhuvanti Oka | Versatalia | 30 th April 2022 | National | PVG COET & G.K.Pate IOM Pune |

| | | | | | |
|----|--------------------|--------------------------------|-----------------------------|--------------|--------------------------------|
| 2 | Pranali Pokharkar | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 3 | Vaishnavi Patil | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 4 | Rutuja Kadam | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 5 | Gaurangi Rathi | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 6 | Riddhi Zanwar | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 7 | Ishita Rathod | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 8 | Shruti Swami | Project Competition | 2 nd May.2022 | Within State | AISSMS Pune |
| 9 | Saili Shinde | Project Competition | 2 nd May.2022 | Within State | AISSMS Pune |
| 10 | Bhumika Zambare | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM, Pune |
| 11 | Swapnaja Wattamwar | Versatalia Project Competition | 30 th April 2022 | National | PVG's COET& G K Pate IOM,Pune |

| | | | | | |
|----|-------------------|---|--------------------------------|---------------|-----------------------|
| 12 | Kanishka Deogade | Project Competition Techno Genesis 2022 | 18-23 rd April 2022 | International | MIT ADT |
| 13 | Dhanashree Thorat | Project Competition Techno Genesis 2022 | 18-23 rd April 2022 | International | MIT ADT |
| 14 | Snehal Kale | Project Competition Techno Genesis 2022 | 18-23 rd April 2022 | International | MIT ADT |
| 15 | Shruti Swami | Project Competition | 2 nd May 2022 | Within State | DTE,SPPU, AISSMS IOIT |
| 16 | Saili Shinde | Project Competition | 2 nd May 2022 | Within State | DTE,SPPU, AISSMS IOIT |
| 17 | Harshada Hingmire | Project Competition | 2 nd May 2022 | Within State | DTE,SPPU, AISSMS IOIT |

3. SEMINARS/WORKSHOPS/CONFERENCES

| INTERNATIONAL | NATIONAL | STATE | COLLEGE (Internal) |
|---------------|----------|-------|-----------------------|
| 0 | 04 | 01 | 0 |

| Sr. No. | Particulars | No. of students |
|---------|--------------|-----------------|
| 1 | Participants | 05 |

List of Participants

| Sr No. | Name of the Student | Name of the event in which participated | Month & year | Within state/ National level/ International level | Organizing Institute |
|--------|----------------------|---|--------------------------------|---|---------------------------|
| 1 | Vandanarani Mishra | Tech Symposium Impetus & Concepts 22 | 25-27 th March 2022 | National | PICT |
| 2 | Sambhavi Gautam | Tech Symposium Impetus & Concepts 22 | 25-27 th March 2022 | National | PICT |
| 3 | Aditi Tarate | Tech Symposium Impetus & Concepts 22 | 25-27 th March 2022 | National | PICT |
| 4 | Janvi Ramnani | IOT Workshop Innovation 2022 | 8-9 th April 2022 | Within State | CCOEW |
| 5 | Swarangi Thakurdesai | Ground Station Workshop | 6 th Feb.2022 | National | Ham Radio Club IIT Bombay |

4. OTHER TECHNICAL EVENTS

| INTERNATIONAL | NATIONAL | STATE |
|---------------|----------|-------|
| 11 | 10 | 16 |

| Sr. No. | Particulars | No. of students |
|---------|--------------|-----------------|
| 1 | Winners | 17 |
| 2 | Participants | 20 |

Summary of student participation in online courses

| Organized by (Online) | Participation Count |
|-------------------------------|---------------------|
| Skill UP | 01 |
| Udemy | 01 |
| NPTEL / Swayam Govt. of India | 02 |
| Ant Wak | 01 |
| Other | 32 |
| Total | 37 |

List of Winners

| Sr. No | Name of the Student | Name of the event | Month & year | Within state/ National level/ International level | Organizing institute | Prize /Rank |
|--------|-------------------------|--|------------------------------|---|-----------------------------------|----------------------|
| 1 | Pranjali Gajendragadkar | Technical Presentation on Engineers Day 2K21 | 15 th Sept.2021 | National | Chandigarh Engg College, Jhanjeri | 2 nd Rank |
| 2 | Vanshika Agarwal | Avery Dennison foundation InvEnt Scholarship Program | July-2021 | International | Avery Dennison Foundation | 1300 USD |
| 3 | Shruti Gawas | Avery Dennison foundation InvEnt Scholarship Program | July-2021 | International | Avery Dennison Foundation | 1300 USD |
| 4 | Rucha Jagtap | Innovation 2022- Electrify | 8-9 th April 2022 | Within State | CCOEW | First Position |

| | | | | | | |
|----|----------------------|---|----------------------------------|--------------|--|-------------------------------------|
| 5 | Rucha Jagtap | Code and Conquer Hackathon | 24 & 26 th March 2022 | Within State | T&P Cell CCOEW | First prize |
| 6 | Akshata Lalage | Innovation 2022- Electrify | 8-9 th April 2022 | Within State | CCOEW | First Position |
| 7 | Purva Barge | Code and Conquer Hackathon | 24 & 26 th March 2022 | Within State | T&P Cell CCOEW | Second prize |
| 8 | Krutika Kulkarni | Hackathon | 26-27 th Aug.2021 | National | M&G Prudential Hackathon | Winner |
| 9 | Pradnya Kanale | Innovation 2022 Ideation | 8-9 th April 2022 | Within State | CCOEW | Second Position |
| 10 | Samruddhi Kadam | Code and Conquer Hackathon | 24 & 26 th March 2022 | Within State | T&P Cell CCOEW | Third prize |
| 11 | Aditi Oak | IP Olympiad | 19 th April 2022 | National | IPTSE | Won All India rank 8 in IPTSE |
| 12 | Shivani Mishra | Innovation 2022 Crack Down | 8-9 th April 2022 | Within State | CCOEW | Third Position |
| 13 | Swarangi Thakurdesai | Hardware Hackathon | 8-9 th April 2022 | Within State | CCOEW | Third Position |
| 14 | Vaishnavi Upadhyay | Innovation 2022- Electrify | 8-9 th April 2022 | Within State | CCOEW | First Position |
| 15 | Vandanarani Mishra | Technological Innovation to benefit the society | 4-6 th May 2022 | State | CCOEW & Institution's Innovation Council | Kedar Tumne Innovation Award Winner |
| 16 | Shambhavi Gautam | Technological Innovation to benefit the society | 4-6 th May 2022 | State | CCOEW & Institution's Innovation Council | Kedar Tumne Innovation Award Winner |
| 17 | Aditi Tarate | Technological Innovation to benefit the society | 4-6 th May 2022 | State | CCOEW & Institution's Innovation Council | Kedar Tumne Innovation Award Winner |

List of Participants

| Sr No | Name of the Student | Name of the event in which participated | Month & year | Within state/ National level/ International level | Organizing Institute |
|-------|-------------------------|--|--|---|----------------------------|
| 1 | Sanika Rajiv Gaikwad | Completed Online Course on Introduction to Cyber Security | 17 th Sept.2021 | National | Skill UP |
| 2 | Gayatri S. Belhekar | Completed course on Introduction to Cybersecurity | 11 th August 2021 | International | CISCO Networking Academy |
| 3 | Gayatri S. Belhekar | Completed course on Networking essentials | 9 th August 2021 | International | CISCO Networking Academy |
| 4 | Gayatri S. Belhekar | Completed Garnishing Talent Program 2021-22 | 2021 | Within State | Eaton, CII, CCOEW |
| 5 | Preeti Raut | Completed SDP on Competitive Coding with Data Structures Level 1 | 24-29 th January 2022 | National | E&ICT Academy, IIT Kanpur. |
| 6 | Gayatri Savarkar | Participated in 14 th Radio Astronomy Winter School (RAWS) | 20 th Dec to 1 st January 2022 | National | TLC,IUCAA |
| 7 | Bhagyashri Sunil Sabale | Participated in Swayam NPTEL course in Programming in Java | July-Oct.2021 | National | Govt Of India |
| 8 | Sanika Rajiv Gaikwad | Participated in Masterclass in Cryptography: Fundamentals on the Modern Approach | 12 th November 2021 | Within State | Ant Wak |
| 9 | Pradnya Kanale | Passed in IPTSE Olympiad | 15 th Feb.2022 | National | IPTSE |
| 10 | Sanika Rajiv Gaikwad | Online Course on TOTAL:CompTIA Security + Certification SYO-601(19.5 Hrs Course) | 2 nd May 2022 | National | Udemy |

| | | | | | |
|----|----------------------|--|------------------------------|---------------|----------------|
| 11 | Madhuvanti Oka | Publication of Manuscript entitled Communication Assistant Vol.9 issue.3 | 3 rd March 2022 | International | IRJET Journal |
| 12 | Kanchan Bhale | Tech.EventsPython Pizza Micro Conference | Dec.2021 | Intrenational | Hamburg Python |
| 13 | Ritika Rana, | Tech.EventsPython Pizza Micro Conference | Dec.2021 | Intrenational | Hamburg Python |
| 14 | Esha Sali | Tech.EventsPython Pizza Micro Conference | Dec.2021 | Intrenational | Hamburg Python |
| 15 | Kanchan Bhale | Poster Presentation | 22 nd Feb.2022 | Intrenational | Hamburg Python |
| 16 | Ritika Rana, | Poster Presentation | 22 nd Feb.2022 | Intrenational | Hamburg Python |
| 17 | Esha Sali | Poster Presentation | 22 nd Feb.2022 | Intrenational | Hamburg Python |
| 18 | Shivani Patil | NPTEL Course on Aircraft Design | Jan-Apr 2022 | National | IIT,Kanpur |
| 19 | Swarangi Thakurdesai | Innovation 2022-Electrifind | 8-9 th April 2022 | Within State | CCOEW |
| 20 | Preeti Raut | Ingenious' 22 Hackathon | 15 th May 2022 | Within State | ISA VIT |

5. Students' Participation in ROBOCON

| Sr. No | Name of student | Name of the event in which participated | Month & year | Within state/ National level/ International level | Organizing Institute |
|--------|-----------------|---|--------------|---|----------------------|
| 1 | Siddhi Nalawade | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 2 | Gauri Patil | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 3 | Vidushi Vinod | Robocon 2022 | July.2022 | National | IIT,Delhi |

| | | | | | |
|---|------------------|--------------|-----------|----------|-----------|
| 4 | Aarushi Chopkar | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 5 | Ananya Dey | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 6 | Arya Darvekar | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 7 | Shrawani More | Robocon 2022 | July.2022 | National | IIT,Delhi |
| 8 | Aparajita Sarkar | Robocon 2022 | July.2022 | National | IIT,Delhi |

6. PATENTS FILED : 2021-22

| Sr. No. | Name of Students | Title of Patent | Application Number & Date | Month & Year |
|---------|------------------|----------------------------------|---|--------------|
| 1 | Shruti Gawas | Automated Baby Monitoring system | 202221002829 18 th January 2022 | January 2022 |