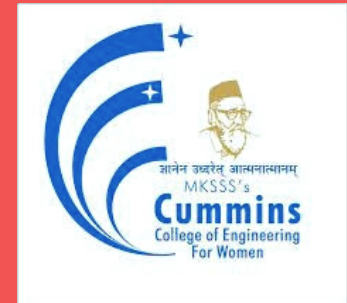


MAHARSHI KARVE STREET SHIKSHAN SANSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

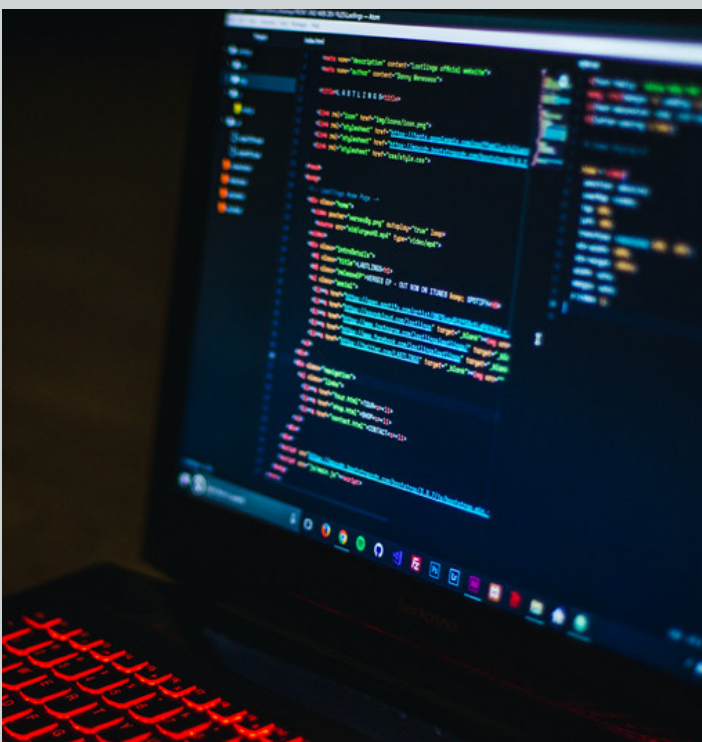
VISION

TO EQUIP WOMEN WITH AN
EXCELLENT EDUCATION IN COMPUTER
ENGINEERING ENABLING THEM TO
PLAY SIGNIFICANT LEADERSHIP
ROLES IN TECHNOLOGY
AND SOCIETY.



*"Software is a gas; it
expands to fill its
container."*

-- Nathan Myhrvold



MISSION

1. Impart excellent education, necessary skills, training, and experimentation capabilities in the field of computer science and engineering.
2. Create a vibrant and intellectually stimulating environment for students to promote innovative and multidisciplinary real-world problem-solving.
3. Develop women professionals and imbibe work ethics and leadership skills in them, thereby helping them pursue successful careers and contribute to science and technology.
4. Collaborate with industry and other universities to help create competent computer professionals.
5. Strive to fulfill the expectations of all relevant stakeholders.

PROGRAM EDUCATION OBJECTIVES

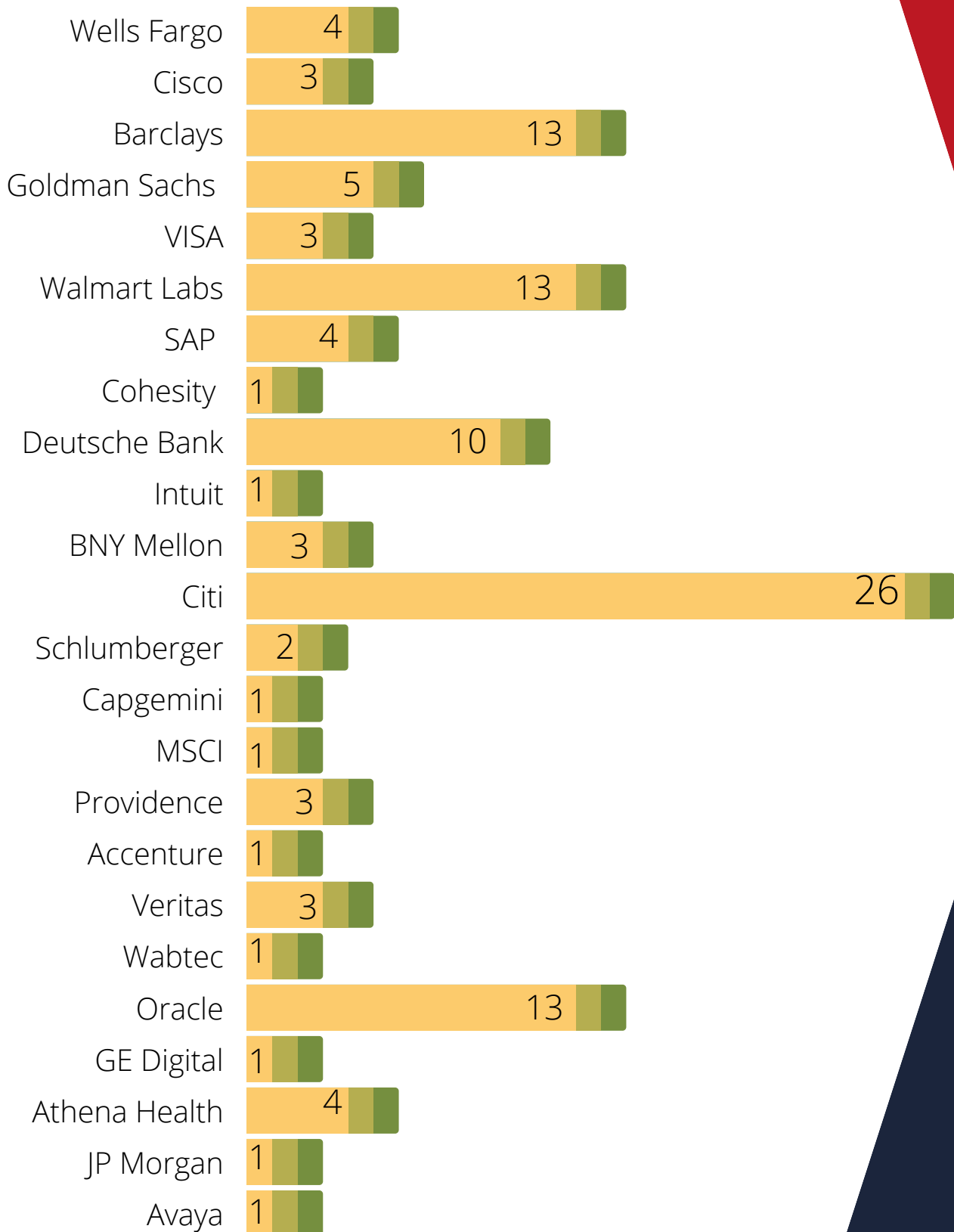
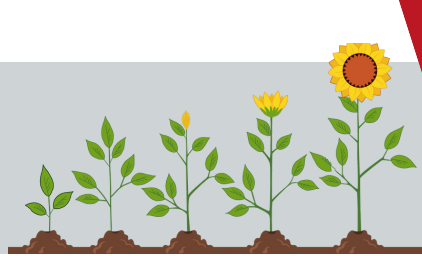
1. To prepare students for academic competence, to be employed as computer professionals, for industry, higher studies, research, entrepreneurship and to significantly contribute to the society at large.
2. To develop students' fundamental knowledge related to mathematics, science, computer science, computer engineering and to make them capable of providing solutions to challenging problems and multidisciplinary problems.

3. To enrich students with soft skills, leadership skills, professional skills, and work ethics to make them good computer professionals and role models for future generations.
4. To prepare students capable of self-learning, to have the ability to adapt to changes, and to possess the ability to understand the impact of engineering on society and humankind.

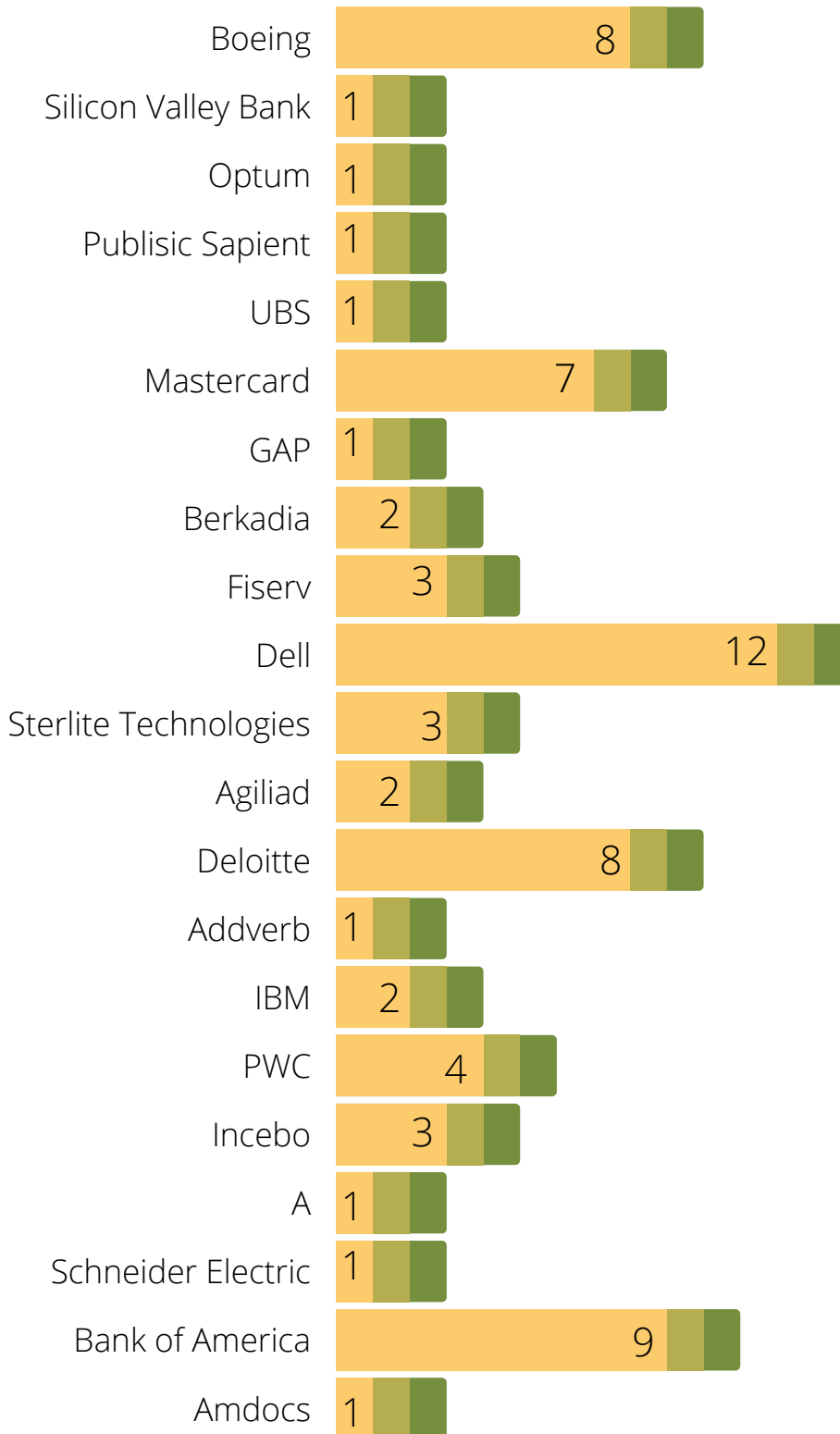
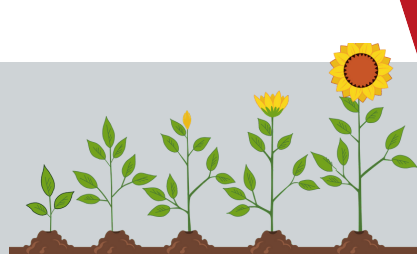
PROGRAM SPECIFIC OUTCOMES

1. Graduates capable of working in various domains, solving problems by applying knowledge and skills from Software Development, Networking, Databases, Internet of Things, and Embedded systems.
2. Graduates capable of developing, maintaining software services, software products, and embedded systems by applying the entire software development life cycle.

Placement Details :



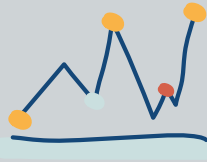
Placement Details :



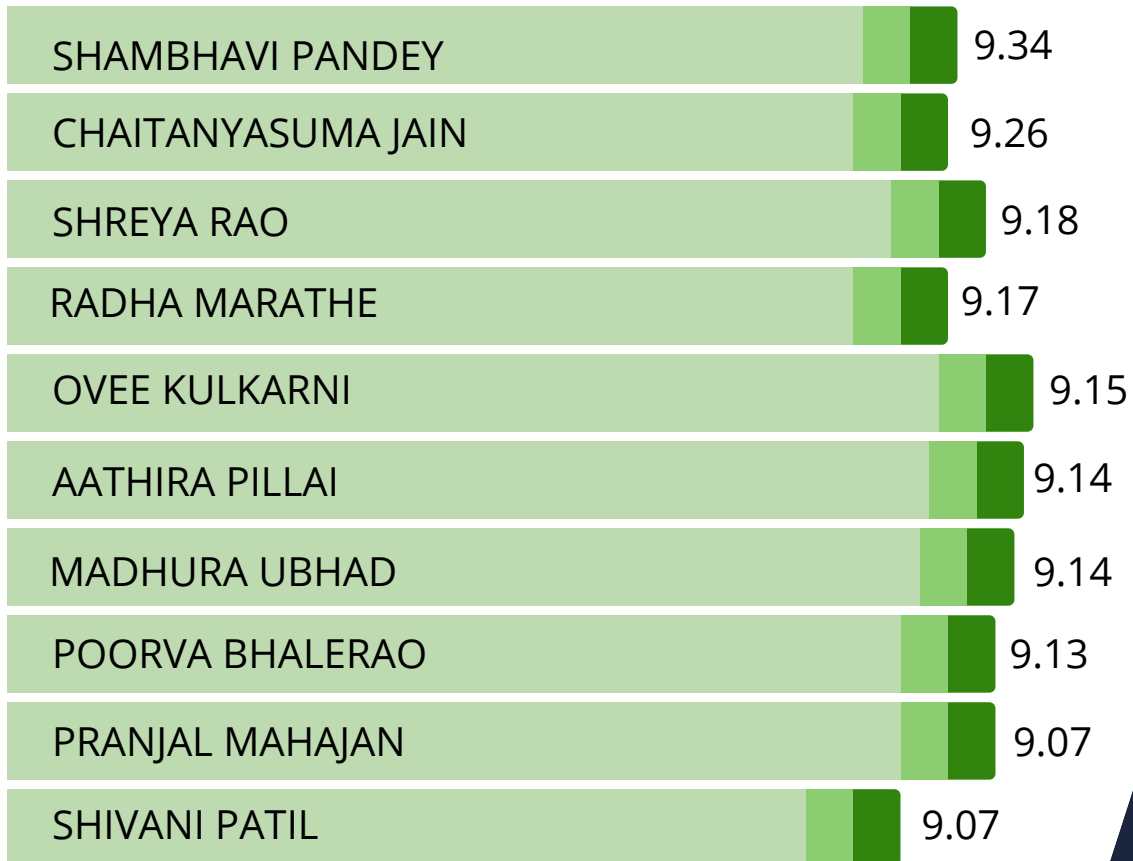
Maximum Stipend: "Vaara Kukreti"
from Company "Cohesity "
received a CTC of 37.28 lpa.

Topper:

Final year-2019-20

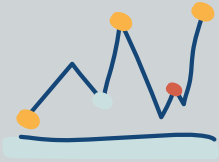


Final Year Toppers

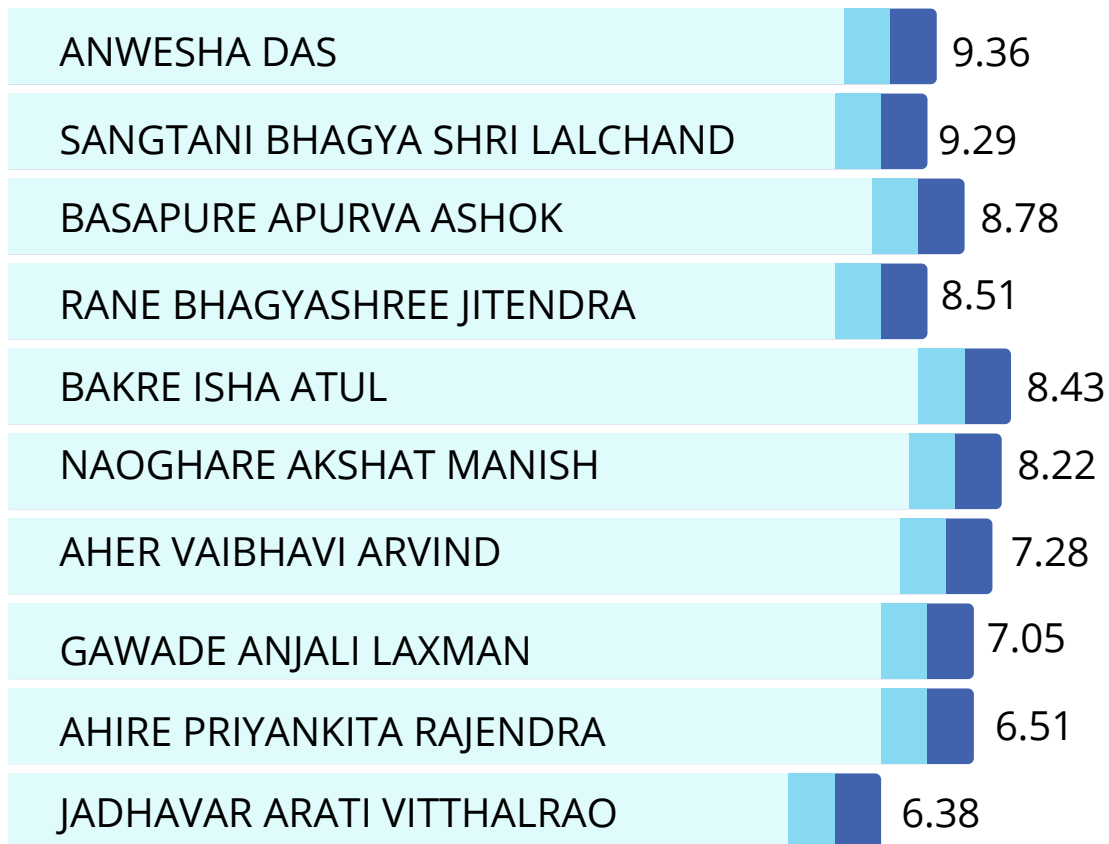


Topper:

Third Year -2019-20

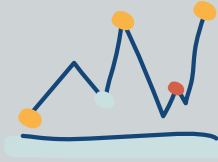


Third Year Toppers

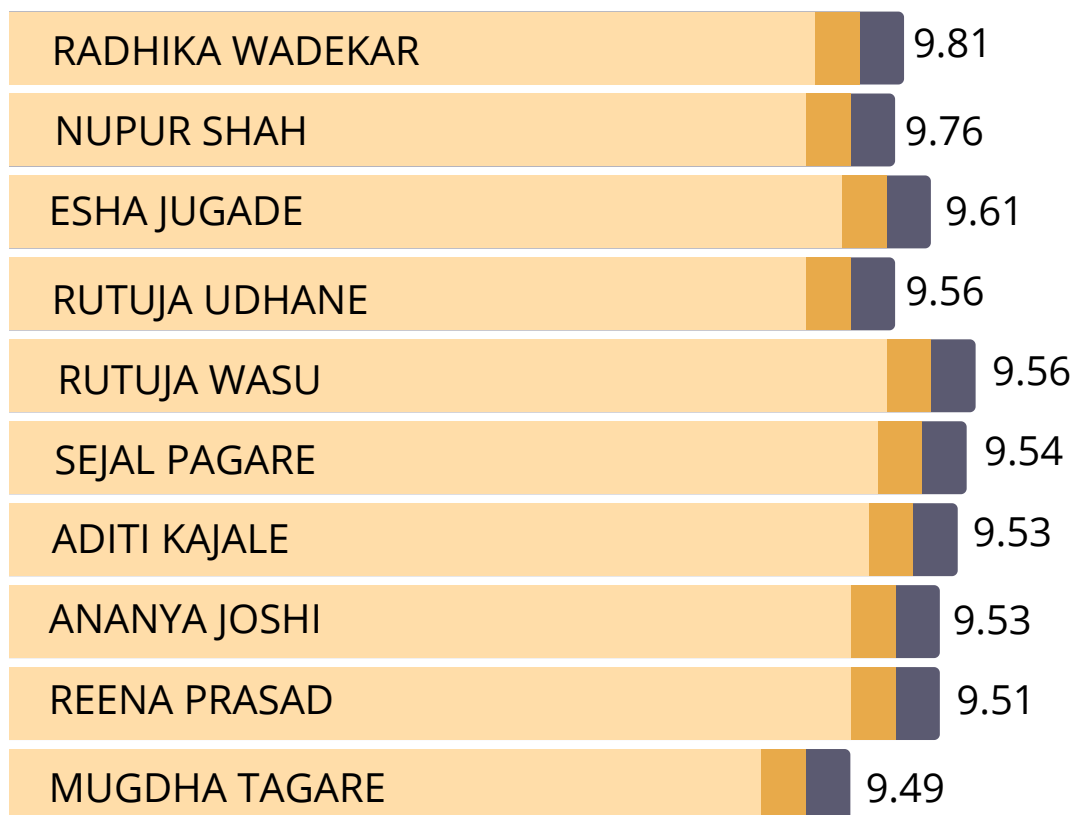


Topper:

Second Year -2019-20



Second Year Toppers



Student Achievements:



Co-curricular Achievements

1. Shreya Pawaskar from B.Tech won award of cash prize Rs.75000/- at TechGig Geek Goddess Amex AI/ML Hackathon 2021 organized by TechGig India.
2. Shreya Pawaskar from B.Tech won 4th prize at Descript Winter of Code organized by Devscript India.
3. Parnavi Kulkarni from Third Year B. Tech secured 3rd position in HackSprint v3.0 - Hackathon event organized by Marathwada Mitra Mandal College of Engineering-Indian Society of Technical Education(MMCOE-ISTE) Pune, Maharashtra, India in October 2021.
4. Parnavi Kulkarni from Third Year B. Tech secured 1st position in Third Year category in Technical Idea Submission competition organized by Code club Cummins College of Engineering for Women, Pune, Maharashtra, India in October 2021.
5. Sejal Kshirsagar from Third Year B. Tech received certificate for contribution as a buddy (student mentor) in Garnishing Talent Program organized by Confederation of Indian Industry (CII), Eaton and Cummins College of Engineering for Women (CCEW) Pune , Maharashtra , India in April 2021.
6. Samruddhi Pravin Deode from Third Year B. Tech awarded as winner in JP Morgan Chase Code for Good Hackathon organized by JP Morgan Chase and Co. ,New York, United States in July 2021.



Student Achievements:



7. Samruddhi Pravin Deode from Third Year B.Tech awarded as winner (SWE WE Local 2022 Rising Star) in Society of Women Engineers(SWE) Local Rising Star Award organized by Society of Women Engineers(SWE), Chicago, Illinois in November, 2021.

8. Samruddhi Pravin Deode from Third Year B. Tech awarded as winner in Code For Good Hackathon organized by JP Morgan Chase, New York, United States in July, 2021.

9. Nupur Shah from Third Year B. Tech presented a paper with title "A Multi-Objective Optimization-based Clustering Approach for COVID-19 Scholarly Articles" in IEEE International Conference on Systems, Man and Cybernetics, Melbourne, Australia in October 2021.



Student Achievements



Extra-curricular Achievements

1. Yuga Ajay Tharkude from Third Year B. Tech awarded as winner in football, MIT WPU SUMMIT 2021, National Level Inter-Engineering Sports Meet organized by Managing Committee of MAEER'S (Maharashtra Academy of Engineering Education and Research) MIT-WPU (Maharashtra Institute of Technology -World Peace University) Group of Institutions, Pune , Maharashtra , India in December 2021.

2. Gouri Lonkar from Third Year B. Tech awarded as winner and secured 1st place in Football, MIT WPU SUMMIT , National Level Inter-Engineering Sports Meet organized by Managing Committee of MAEER'S (Maharashtra Academy of Engineering Education and Research) MIT- WPU (Maharashtra Institute of Technology -World Peace University) Group of Institutions, Pune , Maharashtra , India in December 2021.

3. Shruti Prabhu from Third Year B. Tech received bronze medal in Taekwondo Senior District Championship organised by Taekwondo Organisation, Pune, Maharashtra, India in November 2021.

4. Anushka Pankaj Pawar from Third Year B. Tech awarded as winner and received Gold Medal in Volleyball, MIT Summit , National Level Inter-Engineering Sports Meet organized by Managing Committee of MAEER'S (Maharashtra Academy of Engineering Education and Research) MIT- WPU (Maharashtra Institute of Technology -World Peace University) Group of Institutions, Pune , Maharashtra , India in December 2021.



Student Achievements



5. NISARGA KHATKALE from Third Year B. Tech awarded as winner and secured 3rd place in Cricket Tournament organized by Pune City Zonal Sports Committee (PCZSC), Pune, Maharashtra, India in December 2021.

6. Uma Sawant Bhosale from Second Year B.Tech was awarded as a 'Winner' in a Football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021. Gaurika Gupta from Second Year B.Tech(Computer Engineering) was awarded as a 'Winner' in Football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

7. Sayalee Damle from Second Year B.Tech was awarded as a 'Winner' in a Football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

8. Tanvi Kasande from Second Year B.Tech was awarded as a 'Winner' in a Badminton match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

9. Uma Sawant Bhosale from Second Year B.Tech was awarded as a 'Winner' in a Football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

10. Akanksha Shinde from Second Year B.Tech was awarded as a 'Winner' in Volleyball match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

11. Sakshi parandwal from Second Year B.Tech won '3rd Prize' in Cricket in Inter collegiate(SPPU) Competition held at Sinhgad College, Lonavala in December 2021.



Student Achievements



12. Sawari Shinde from Second Year B.Tech won '2nd prize' shot put(w) 9.88mtr performance in Inter collegiate(SPPU) Competition held at Sant Dnyaneshwar Stadium, Bhosari in December 2021.

13. Khushi Gosavi from Second Year B.Tech won '3rd prize' in chess (women) in Inter collegiate(SPPU) Competition Manghanmal Udharam College Of Commerce(MUCC), Pimpri in December 2021.

14. Sawari Shinde from Second Year B.Tech was awarded as a 'Winner' in Powerlifting at Poona college organized by SPPU Inter collegiate competition in December 2021.

15. Akanksha Shinde from Second Year B.Tech won '4th prize' in Volleyball in SPPU Inter collegiate competition organized by MIT WPU Kothrud in December 2021.

16. Alefiya Dawasaz from Second Year B.Tech won '3rd place' in football at Inter collegiate(SPPU) competition organized by BMCC Ground in December 2021.

17. Uma Sawant Bhosale from Second Year B.Tech won '3rd place' in football at Inter collegiate(SPPU) competition organized by BMCC Ground in December 2021.

18. Gaurika Gupta from Second Year B.Tech won '3rd place' in football at Inter collegiate(SPPU) competition organized by BMCC Ground in December 2021.



Student Achievements



19. Sayalee Damle from Second Year B.Tech won '3rd place' in football at Inter collegiate(SPPU) competition organized by BMCC Ground in December 2021.

20. Sakshi Khaire from Second Year B.Tech won '3rd place' in Yogasana at the Inter collegiate(SPPU) competition organized by Abeda Inamdar College, Pune in December 2021.

21. Madhura Patil from Second Year B.Tech won '3rd place' in Yogasana at Inter collegiate(SPPU) competition organized by Abeda Inamdar College, Pune in December 2021.

22. Prerna Ghorpade from Second Year B.Tech won '3rd place' in Innovative Business Idea competition at Cummins College, Pune on 26th and 27th Nov 2021.

23. Rutuja Keskar from Second Year B.Tech was awarded as "winner" in a singing competition organized by Walchand college of engineering, Sangli in Art Circle "Ganetostav" held in September 2021.

24. Sawari Shinde from Second Year B.Tech was awarded as a winner in a volleyball match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

25. Riya savant from Second Year B.Tech was awarded as a winner in a basketball match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

26. Vaishnavi mundada from Second Year B.Tech was awarded as a winner in a basketball match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.



Student Achievements:



27. Yashvi Bhutada from Second Year B.Tech was awarded as a winner in a basketball match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

28. Alefiya Dawasaz from Second Year B.Tech was awarded as a winner in a football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

29. Uma Sawant Bhosale from Second Year B.Tech was awarded as a winner in a football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

30. Gaurika Gupta from Second Year B.Tech was awarded as a winner in football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

31. Sayalee Damle from Second Year B.Tech was awarded as a winner in a Football match at MIT Summit21 organized by MIT WPU Kothrud in December 2021.

32. Shruti Bhilave and Sanjana Date from B.Tech are team members of winners of basketball Competition held at MIT, Pune.

33. Sanjana Date from B.Tech was team members of basketball Competition held at Pune zone.



Student Achievements:

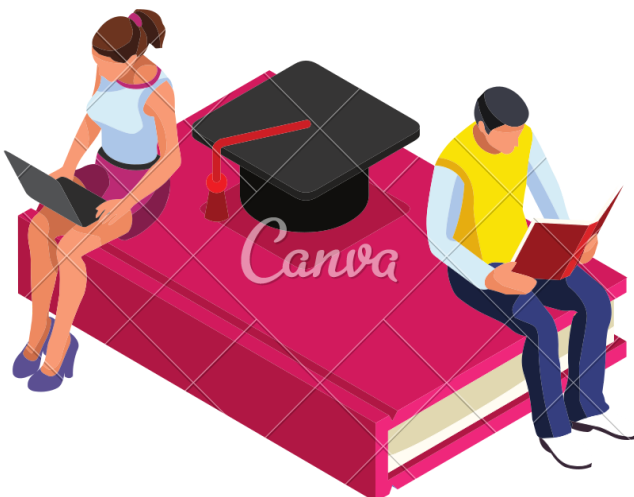


34. Manasi Kasande from B.Tech won 3rd Place at Cricket Tournament held at SPPU. Pune

35. Shreya Pawaskar from B.Tech won 2nd prize at Innovative Business Idea Competition 2021 organized by CCEW, Pune.

36. Vaishnavi Madhekar from B.Tech selected for best three projects under fellowship at Menon lab Springs 2021 organized by Menon labs.

37. Shrishti Kane from B.Tech has participated at Panache-Solo singing organized by HNIMR, Pune.



Paper Publication : Student and Faculty



1. Mrs. Swati Shirsath, with students Gayatri Bedse, Divya Ghorpade, Tejashri Gangurde and Shreya Kulkarni, published a paper "A recommendation system for the role selection in college elections" at ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India held during August 5th-6th 2021. ISSN: 2367-3370

2. Mrs. Swati Shirsath, with students Chhanam Thorat, Aishwarya Bhat, Padmaja Sawant and Isha Bartakke, published a paper "A Detailed Review on Text Extraction using Optical Character Recognition" at ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India held during August 5th-6th 2021. ISSN: 2367-3370

3. Dr. Shilpa Deshpande, with students, Madhura Potnis, Sanjyot Sathe, Purva Tugaonkar and Gayatri Kulkarni published a paper "Hybrid Intrusion Detection System for Detecting DDoS Attacks on Web Applications Using Machine Learning" at 6th International Conference on ICT for Sustainable Development published in Lecture Notes in Networks and Systems, volume 314. Springer, Singapore.

4. Dr. Supriya Kelkar and Dr. Shilpa Deshpande, with students, Tanvi Kulkarni, Paulomee De, Swara Lawande and Vagisha Sinha published a paper "Trust Evaluation and Cloud Service Recommendation System Based on Machine Learning Techniques" at International Conference on Computing, Communication and Green Engineering (CCGE21), IEEE held during September 2021.





5. Mrs. Aparna Hajare, with students Darshita Kumar, Kshitija Choudhari, Pooja Patel, Shambhavi Pandey, published a paper “Simple Text Annotation Tool (STAT) : Web-based tool for creating training data for spaCy models” at ICT4SD - 6th International Conference on ICT for Sustainable Development , Goa held during August 5th-6th 2021.

6. Sushila Shelke & Mahendra Deore, with students Pooja Raut, Akanksha Mishra, Shreya Rao and Saloni Kawoor, published a paper “Review on Log-Based Anomaly Detection Techniques” at 2nd international conference on sustainable expert systems (ICSES 2021) sponsored by Springer, organized by Tribuvan University, Nepal on 17th-18th Sept 2021.

7. Aparna Hajare & Shilpa Deshpande, with students Shivani Gokhale, Reetika Poosarla, Sanjeevani Tikar and Swapnali Gunjawate, published a paper “Creating Helm Charts to ease deployment of Enterprise Application and it's related Services in Kubernetes” at IEEE International Virtual Conference on Computing, Communication and Green Engineering-2021 (CCGE'21) between 23rd - 25th September 2021.

8. Shilpa Deshpande, with students Mitali Patil, Harsha Kalmath, Shreya Pandey and Khushboo Chamedia, published a paper “OpenStack Cloud Deployment For Scientific Applications” at International Conference on Computing, Communication and Green Engineering (CCGE21), IEEE, held during September 2021.



Faculty:



9. Dr. Anjali Naik, with student Aaditree Jaisswal, published a paper "Effect of Hyper parameters on Backpropagation" at 4th IEEE Pune section International Conference on Innovation in Engineering, Design and Holistic Education (IEEE, Pune Con2021) held during 16th-19th Dec 2021.

10. Dr. Sheetal Barekar, with students, Shreya Shinde, Shubhangi Gaherwar, Avani Sathe and Malvika Menon, published a paper "Creation of Knowledge graph for client complaint management system" at 6th International Conference on Data Management, Analytics & Innovation held during 15th - 17th Jan 2021.

11. Dr. Sandhya Arora, with students, Dipashree Patil, Shivani Patil and Shreya Patil, published a paper "Financial forecasting of stock market using sentiment analysis and data analytics" at 5th world conference on smart trends in systems, security and sustainability held during 29-30 July 2021 at London, United Kingdom.

12. Dr. Sandhya Arora, with students, Aaditree Jaisswal, Prachi Ghalsasi, Aabha Jain and Misha Batra, published a paper "Classification of handwritten Indic script using deep learning" at 5th world conference on smart trends in systems, security and sustainability held during 29-30 July 2021 at London, United Kingdom.



Faculty:



13. Mrs. Sakshi Mandke, with students Shreeya Patil , Pranoti Pote , Tanvi Vaishnav , Mrinali Jaiswal and Rucha Tatawar, published a paper “Use and Implementation of Gamification in Enterprise Systems” in International Research Journal of Engineering and Technology (IRJET) on 07 July 2021 (Volume 8).

14. Mr.M.P.Deore, with students, published a paper “MDFRCNN: Malware Detection using Faster Region proposals Convolution Neural Network” in International Journal of Interactive Multimedia and Artificial Intelligence(IJIMAI) in July 2021.

15. Dr. Shubhangi Tikhe, with students, Sonali Bhushan Ambadkar, Prachi Shekhar Kulkarni, Rashmi Vishwanath, Papulwar and Swarali Mukund Patil, published a paper on “Prediction and Prognosis of Lung Cancer using Machine Learning Techniques” in International research journal of engineering and technology (IRJET, Volume 8) in Sept-2021.

16. Dr.Supriya Kelkar and Dr. Shilpa Deshpande, with students, Madhura Apte, Aishwarya Dorge, Pooja Bomble and Anushka Dhamankar published a paper “Gateway Based Trust Management System For Internet Of Things” in Innovation, Technologies and Management Journal : Revista Geintec-Gestao Inovacao E-Tecnologias(Vol. 11, Issue No. 4, ISSN: 2237-0722, pp. 4750-4763) in August 2021.



Faculty:



17. Dr. Sunita Jahirabadkar, with students, Rachana Raut, Ritika Deore, Saloni Bobade and Shreyanka Suryawanshi published a paper on “Optimization and Enhancement of Space Object Identification Algorithms and Implementation using Deep Learning Network” at 2021 Asian Conference on Innovation in Technology (ASIANCON) held during 27th-29th August 2021.

18. Aparna Hajare, with students Darshita Kumar, Shambhavi Pandey, Pooja Patel and Kshitija Choudhari, published a paper “Generalized Named Entity Recognition Framework” at 2021 Asian Conference on Innovation in Technology (ASIANCON) held during 27th-29th August 2021.

19. Mrs. Varsha Pimprale, with students Esha chiplunkar, Aishwarya tonpe, Prachee Adoni and Sumedha Joshirao, published a paper “An insight into the technologies required for building an AI based Help Desk” at International Conference on Emerging Trends in Engineering and Technology (ICETET-2021) organized by Sandip Institute of Engineering and Management, Nashik sponsored by Institute For Engineering Research and Publication (IFERP) held during 7th-8th July 2021.

20. Mr. Hitendra Khairnar, with students Pooja Shinde, Gauri Kudalkar, Shruti Pawar and Harshita Tiwari, published a paper “Accident Hotspot Detection using DB-Scan clustering” at ICT4SD - 6th International Conference on ICT for Sustainable Development , Goa, India held during August 5th-6th 2021.



Faculty:



Patent and Copywrites

1. Jyoti Bangare filed a patent application on "Integrating the block-chain technology into a mobile health system" on 06/05/2021 which was published on 30/07/2021.

Patent Application No. 202111020602

Faculty Achievement and Awards

1. Dr. Sandhya Arora, Dr. Chhaya Gosavi & Prof Swati Shirsath were awarded Second Prize in the "Teaching-Learning- Evaluation Hackathon" conducted by Symbiosis University, Pune on 25th November 2021.

2. Prof Pranjali Deshpande was awarded with Sugam Bhushan Pursakar by Prachin Lalit Kala Prabodhini, Sanskrutik Karya Sanchalanaalaya, Government of Maharashtra registered organization, on 28th November 2021.

3. Prof Swati Shirsath commissioned as Flying Officer (Associate NCC Officer, Cummins College of Engg for women and 3 MAH AIR SQN, NCC, PUNE) at Air Force Station, Tambaram, Chennai on 29th Oct 2021.



Faculty:



Faculty as Resource Person:

1. Dr. Chhaya Gosavi was invited as Subject Expert and Guest Speaker of the System Programming and Operating System in three days Online Faculty Development Program on System Programming and Operating System by Sinhgad College of Engineering, Vadgaon (Bk), Department of Computer Engineering, in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University.

2. Dr. Chhaya Gosavi contributed as a Facilitator for the Garnishing Talent program for the academic year 2021-22. The program is an initiative of the Confederation of Indian Industry (CII), sponsored and led by Eaton in collaboration with Cummins College Engineering for Women, Pune.

3. Mr Hitendra Khairnar was awarded certificate for exceptional contribution as a Judge in 'Toycathon, 2021' by Ministry of MSME on 27th Aug 2021.

4. Dr.Chhaya Gosavi was appointed as a member of external audit committee for Academics and Administrative audit planning to conduct external audit for the A.Y 2019-20 for F.Y.B.Tech and A.Y 2020-21 for S.Y.B.Tech by JSPM's Rajarshi Shahu College of Engineering, Pune on 9 th Sept.2021.

5. Dr. Chhaya Gosavi was a Technical program committee member and a reviewer at First IEEE International Virtual Conference on Computing, Communication and Green Engineering-2021 (CCGE'21) between 23rd - 25th September 2021.



Faculty:



6. Mr.Hitendra Khainar was a Resource Person for dissertation and Viva-Voce separately entitled "Increase in Crop yields using machine learning algorithm " submitted by Ms Verma Swapnil in part fulfillment of the requirement of the M.E IT(Sem-III/IV) (CBCGS) Degree Examination by University of Mumbai.

7. Mr.Hitendra Khainar received Appreciation Letter for spreading knowledge to 5th Semester from CE Branch " Theory of Computation's Recursive function theory" by CCOEW, Nagpur on 18th Nov 2021.

8. Dr. Neeta Maitre was Reviewer for 2021 IEEE International Conference on Computational Intelligence and Computing Applications (IEEE-ICCICA-21) at GH Rasoni College of Engg Nagpur between 26th-27th November 2021.

9. Dr. Sandhya Arora was speaker at FDP on topic " Research Methodology-Process, objective, characteristics, Types of research, role of ICT in research at SIT, Lonavala on 2nd Dec 2021.

10. Dr. Sandhya Arora was Speaker at ATAL FDP session on Search techniques in AI 'Heuristic Algorithm Techniques' at RIET Jaipur on 5 Jan 2022.





Research Publications

1. Dr. Neeta Maitre published a research publication on "AI based Solution: A Business Perspective" in GORTERIA JOURNAL, VOLUME 34, ISSUE 7 - 2021 (July-2021) ISSN: 00172294

2. Dr. Neeta Maitre published a research publication on "Relative Greenhouse Gases Emissions of MSA Algorithms: A comparison of T-Coffee and MAFFT" in Journal of Emerging Technologies and Innovative Research (JETIR) (July 2021, Volume 8, Issue 7) ISSN-23495162

3. Sheetal Barekar published a research publication on "Non-Destructive Vector fault Locator to Detect resistive open defects in static Random access memory with improved performance" in International Journal of university of Shanghai for science and Technology (Volume 23, Issue 7, July -2021) ISSN:1007-6735

4. Sushila Shelke published a paper publication on "Role of Various Features in Identification of Rumors in the Social Network" at 12th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at Indian Institute of Technology, Kharagpur, India, in association with IEEE Kharagpur Section held during July 6th - 8th 2021.

5. Ashwini Rajurkar published a paper publication on "Comparative study of Real Time video segmentation techniques for video processing" at AICTE sponsored National conference on Multidisciplinary Research and Innovations NCMRAI-21 at Sipna College of Engineering and Technology, Amravati during 28-29th Jan 2022.



Faculty:



6. Mrs. Jyoti Bangare and Nilofer Kittad published a research publication on "A Review: Federated Learning for Health care application" in Journal of Emerging Technologies and Innovative Research (JETIR) on 31st August, 2021. ISSN:2349-5162

7. Dr. Sheetal Barekar published a research publication on "On-chip weak resistive defect diagnosis with performance enhancement in 45nm technology static random access memory" in Elsevier- Microelectronics journal 115 (2021) 105178 (Science Direct) in July-2021.

8. Dr. Sheetal Barekar published a paper publication on "On-Chip Area and Test Time Effective Weak Resistive Open Defect Detection Technique for Cache Memory" at IEEE 12th Latin American Symposium on Circuits and Systems (LASCAS) on 4th Oct 2021.

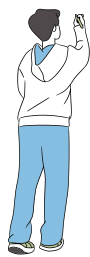
9. Mrs. Meenal Kamlakar published a research publication on "Use of Machine Learning and Sensors for Monitoring Pregnancy" in Acta Scientific Computer Sciences 3.12 (Journal Name: AS Computer Sciences) in December 2021.





Workshops Attended

1. Mrs. Vaishali Salgar attended an online hands-on course on Artificial Intelligence and Machine Learning from 15th December to 17th December 2021 at Vodafone Idea Foundation & CSR.
2. Dr. Chhaya Gosavi attended TechSaksham program on "Artificial Intelligence" at Microsoft India & SAP India led Faculty Development Program from 28th December 2021 to 30th December 2021.
3. Mrs. Vaishali Salgar & Mrs. Aparna Hajare attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Best Teaching Learning and Assessment Practices in Computer Science/Information Technology based on National Education Policy (NEP)" from 5th - 9th Jul 2021 at Sri Jaya Chamarajendra College of Engineering, Mysore.
4. Mrs. Aparna Hajare attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Practical insight into key concepts of Blockchain" from 12th -16th Jul 2021 at Ramaiah Institute of Technology, Bengaluru.
5. Dr. Neeta Maitre attended 5 days hands-on program on "Fundamentals of Linux and Data Analytics" at CCOEW, Pune by Vodafone Idea Limited and Connecting Dreams Foundation from 12th -16th Jul 2021.
6. Mrs. Jyoti Chinchole attended AICTE Sponsored STTP on "Innovative & Inventive Problem Solving" at AISSMS COE, Pune from 13th -18th Jul 2021.



Faculty:



7. Mrs.Nutan Deshmukh attended Online Elementary ATAL FDP on "nature Inspired Optimization Techniques" at National Institute of Technology Delhi from 19th -23rd Jul 2021.

8. Mrs.Varsha Pimprale and Mrs. Nutan Deshmukh attended Online Elementary ATAL FDP on "THE INTERNET OF THE THINGS & EVERYTHING-IOT/IOE" at University Institute of Engineering, Chandigarh University, Mohali from 26th-30th July 2021.

9. Mrs. Nilofer Kittad attended one week FDP On Data Science And Artificial Intelligence " at Marathwada Mitra Mandal's College of Engineering, Pune from 26th-30th Jul 2021.

10. Mrs. Nilofer Kittad attended STTP through ICT Mode on "Advanced Applications in Artificial Intelligence and Machine Learning" at Marathwada Mitra mandal's College of Engineering Pune from 2nd-6th Aug 2021.

11.Dr. Madhuri Tasgaonkar, Dr. Anjali Naik & Mr.Hitendra Khairnar attended ATAL Online Elementary FDP on "Sustainable Change Management in Technical Institutes for NEP - 2020 Implementation" at Government Engineering College, Bilaspur from 23rd -27th Aug 2021.

12. Mrs.Sushila Shelke & Sharayu Mirasdar attended ATAL Online Elementary FDP on "Fundamental of Artificial Intelligence" at College of Technology and Engineering, Udaipur from 13th - 17th Sept 2021.

13.Dr.Anjali Naik attended ATAL Online Elementary FDP on "Emotional Intelligence" at Graduate School of Management Studies, Ahmedabad from 13th - 17th Sept 2021.





Book Publications

1. Dr. Sandhya Arora & Mrs. Nutan Deshmukh published chapter "Internet of Things – Essential IoT Business Guide with Different Case Studies" in the book "Computing Technologies and Applications- Paving Path Towards Society 5.0", Publication: CRC Press Taylor and Francis, ISBN: 9780367763701 in July 2021.

2. Dr. Sandhya Arora & Mrs. Priya Deokar published chapter "Auto Scaling Techniques for Web Applications in the Cloud" in the book "Cloud computing Technologies for smart agricultural and healthcare", Publication: CRC Press Taylor and Francis, ISBN: 9781032068039 in July 2021.

3. Dr. Neeta Maitre published chapter "Human Factors in Autonomous Driving Systems: A User Perspective" in the book "Autonomous Driving and Advanced Driver-Assistance Systems (ADAS)", Publication: CRC Press, ISBN: 9781003048381 in November 2021.

4. Mrs. Pranjali Deshpande published a Technical Publication "Natural Language Processing", ISBN : 9789390450695 in December 2021.

5. Dr. Sandhya Arora published chapter "Sensor Applications in Agriculture–A Review" in the book "Cloud Computing Technologies for Smart Agriculture and Healthcare", Publication: CRC Press Taylor and Francis, ISBN: 9781032068039 in December 2021.

6. Dr. Sandhya Arora published chapters "Research Issues in IoT" and "Convolutional Neural Network and Its Advances: Overview and Applications" in the book "Computing Technologies and Applications: Paving Path Towards Society 5.0", Publication: CRC Press Taylor and Francis, ISBN: 9780367763701 in November 2021.



Faculty:



Guest lectures

1. Guest lecture by Dr. Abhijat Vichare on "Parallel and Approximation Algorithms" was conducted on 27 Nov 2021 for Third Year Comp Students (234) arranged by Dr. S. V. Tikhe, Prof. H. S. Khairnar, Prof. Aparna Hajare .
2. Guest lecture by Anushka Sancheti on "Tools used for statistical analysis and data science" was conducted on 15 Dec 2021 for Third Year Comp Students(70) arranged by Dr. Sandhya Arora and Dr. Madhuri Tasgaonkar.
3. Guest lecture by Dr. Susmita Bhambure on "Real life applications of statistics " was conducted on 11 Dec 2021 for Third Year Students(70) arranged by Dr. Sandhya Arora and Dr. Madhuri Tasgaonkar.
4. Guest lecture by Charudatta Bhave, on "Activity based session on Group Behavior" was conducted on 11 Dec 2021 for Final Year Comp students (95) arranged by Dr. Neeta Maitre, Dr. Sunita Jahirabadkar, Prof Pranjali Deshpande.
5. Guest lecture by Muskan Nechlani on "UI designing " was conducted on 14 Dec 2021 for Third Year students (130) arranged by Vaishali Salgar and Sanjivani Mane.
6. Guest lecture by Dr. Abhijeet Deogirikar on "IoT" was conducted on 21 Dec 2021 for FinalYear students (220) arranged by Mrs. Nutan Deshmukh, Mrs. Ashwini Rajurkar.
7. Guest lecture by Dr. Abhijat Vichare on " Importance of Final year project" was conducted on 14 Dec 2021 for Final Year students (190) arranged by Mr. Ashutosh Mucharikar, Mr. Mahendra Deore, Mrs. Meenal Kamlakar



ACM activities :

1st January 2021 - 30th June 2021



CODE IT !!

Coding Contest "Code It", conducted online due to COVID 19. It was a coding competition for SY and TY students of all branches. It was conducted on 9th Oct 2021. 375 students from various colleges across Pune region attended the event.

The CMW Regional event "INNOVATION- A STEP TOWARDS WOMEN ENTREPRENEURSHIP" was place on March 3rd, 2021, and was co-hosted by the student chapters of PCCOE, PICT, and CCOEW ACMW.

The "Mind Hacks" webinar was held on March 26th, 2021, with Prof. Yatharth Verma as the resource person.

Mr. Abdul Hussain, ICERTIS, was the resource person for the webinar "NLP" on April 17th, 2021.

On April 24, 2021, a webinar titled "Getting Started with Machine Learning" was held with Nikita Gandhi, Google as the presenter.





Faculty Co-ordinator:

Mrs. Sakshi S. Mandke

Dr. Shubhangi V. Tikhe



Designing Team :

Ms. Mansi Indore

Ms. Srushti Sulgudle

Ms. Akshada Malpure



Editing Team :

Ms. Shriharsha Dhobe

Ms. Snehal Baviskar

Ms. Nisha Deshmukh

Ms. Aanchal Tulsiani