

ECHO

COMPUTER DEPARTMENT NEWSLETTER



VISION

To equip women with excellent education in Computer Engineering enabling them to play significant leadership roles in technology and society.

“WHAT’S IN YOUR HANDS I THINK AND HOPE IS INTELLIGENCE: THE ABILITY TO SEE THE MACHINE AS MORE THAN WHEN YOU WERE FIRST LED UP TO IT ,THAT YOU CAN MAKE IT MORE.”

-ALAN J. PERLIS

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 career and contribute to science and technology.
- 4.** Collaborate with industry and other universities to help create competent computer professionals.
- 5.** Strive to fulfil the expectations of all relevant stakeholders.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

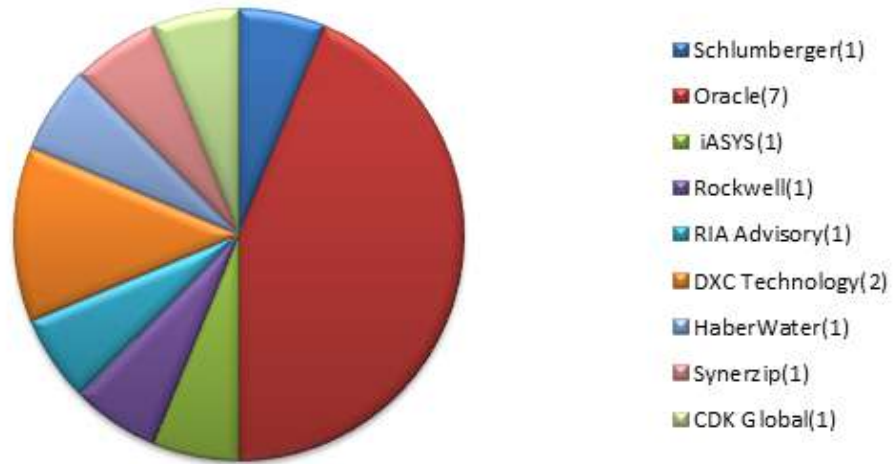
- 1.** Impart excellent education, necessary skills, training and experimentation capabilities in the field of computer science and engineering.
- 2.** To develop students fundamental knowledge related to mathematics, science, computer science, computer engineering and to make them capable of providing solutions to challenging problems and multidisciplinary problems.

- 3.** To enrich students with soft skills, leadership skills, professional skills and work ethic 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 (PSOS)

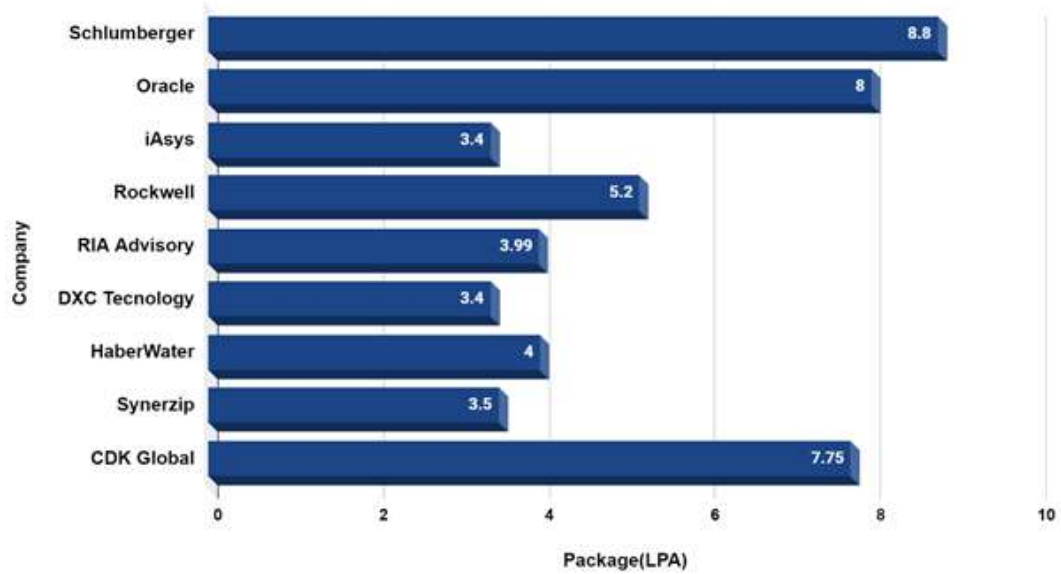
- 1.** Graduates capable of working in various domains, solving problems by applying knowledge and skills from Software Development, Networking, Databases, Internet of Things, and Embedded systems.
- 2.** Graduates capable of developing, maintaining software services, software products and embedded systems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

NUMBER OF STUDENTS PLACED AFTER DECEMBER 2019

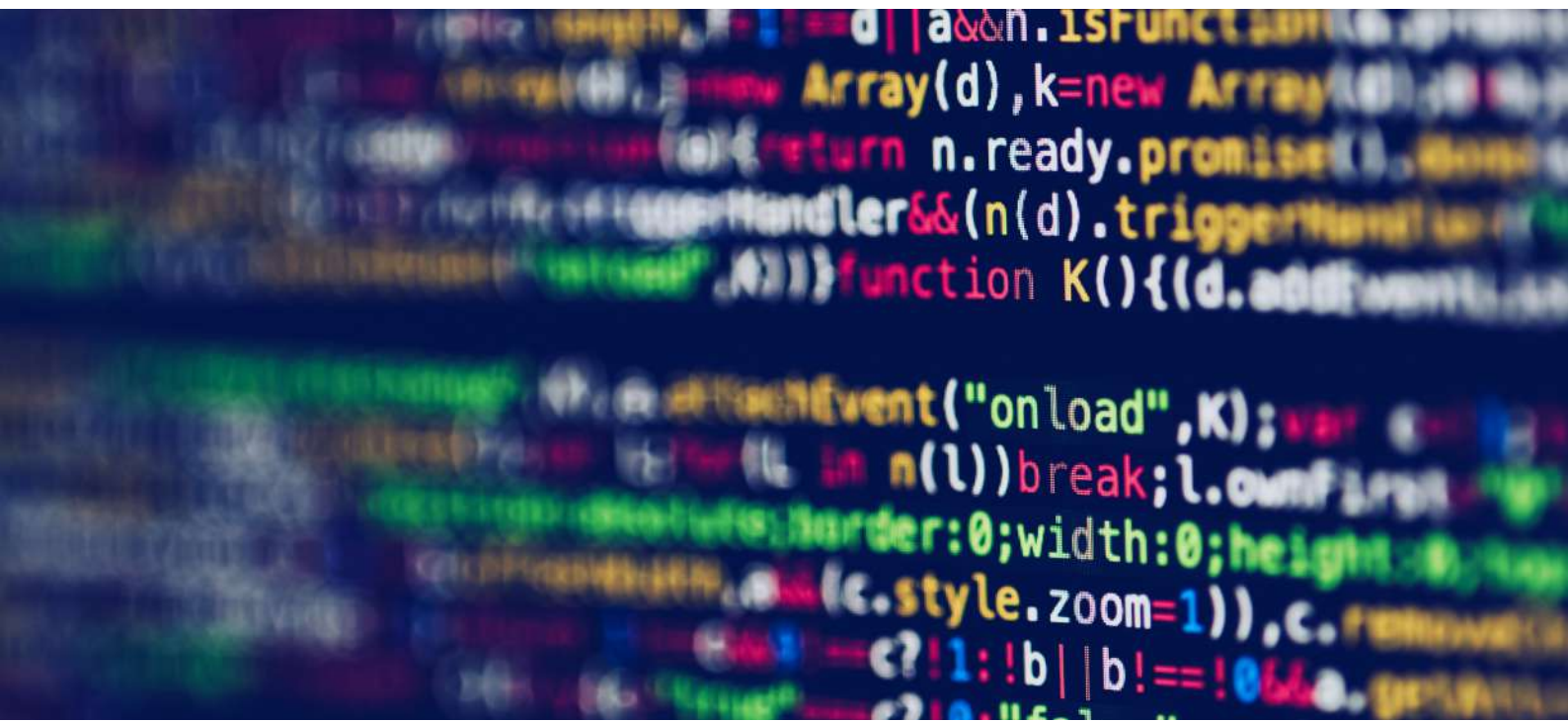


STUDENTS PLACED IN SECOND SEMESTER

Salary Offered by Companies



Average salary offered= 5.34 LPA



INTERNSHIPS

This year due to nationalized lockdown, as per AICTE guidelines summer internships were canceled. So TE students were allowed to take only online internships.

This was a very tough time for the students. Many companies canceled offers. But some companies still allowed students.

- Number of students pursuing internship currently: **108**
- Number of students received an internship through college: **75**
- Number of students who got stipend: **82**
- Maximum stipend: **1.5 Lakhs**

STUDENT ACHIEVEMENTS

Special Achievements

- 1.Esha Chiplunkar received Pratibha Excellence Award with scholarship of INR 60,000 organized by Eaton in January 2020.
- 2.Sai Ghule received first prize INR 18,000 in inter-college IBM Hackathon (24 hour Hackathon-climate change) in Innovation organized by IBM and CCOEW , Pune in February 2020.
- 3.Somya Pathak and Munmun Agarwal received second prize INR 8000 in inter-college IBM Hackathon (24 hour Hackathon-climate change) in Innovation organized by IBM and CCOEW , Pune in February 2020.

National level Achievements

- 1.Sakshi Pophale received Inspiration award in National level “Smart India Hackathon” organized by Indian Govt-MHRD,MIC,Persistent in March 2019.
- 2.Kanchan Sarolkar, Kimaya Badhe and Neha Chaudhari received second prize in National level Ideathon organized by NEC Labs India in March 2020.
- 3.Bhakti Deshpande,Samrudhi Ghorpade and Samruddhi Malge received second prize in Big Data domain in National level “Smart India Hackathon” organized by India Govt-MHRD,MIC,Persistent in June 2020.
- 4.Jagruti Deshpande received a participation certificate on reaching the Grand Finale of National level Smart India Hackathon organized by Indian Govt-MHRD,COEP,DeAsra in March 2019.

Inter-College Level Achievements

1. The A Team- Asawari Badkundri,Poorva Bhalerao,Purva Tugaonkar and Dhanashree Barvakar and Team 4'o clock- Neha Tirumalasetti,Prajakta Nisal,Radha Marathe and Chaitanyasuma Jain won intra-college IBM “Call for Code 2020” Hackathon organized by IBM and CCOEW,Pune on February 28,2020.
- 2.Sakshi Pophale received second prize in inter-college Hackathon organized by ACMW, ISACA, Cyber Prudent in March,2019.
- 3.Shalmalee Choudhari received 2nd Prize INR 2000 and certificate in Technovate 2020 in February ,2020.
- 4.Shivani Gokhale received third prize in inter-college Technical Quiz organized by Deutsche Bank in February,2020.
- 5.Somya Pathak and Munmun Agarwal received first prize INR 4000 in inter-college Casino Royale-Innovation 2k20 organized by CCOEW,Pune in February 2020.

6. Preksha Sakalley and Samruddhi Wagh received first prize INR 2000 in inter-college Sci-po -Innovation 2k20 organized by CCOEW, Pune in February 2020.

7. Aishwarya Bhat received second prize INR 2000 in inter-college Casino Royale-Innovation 2k20 organized by CCOEW, Pune in February 2020.

8. Tanya Shikarwar received first prize INR 3500 in inter-college Debug-Innovation 2k20 organized by CCOEW, Pune in February 2020.

9. Samruddhi Malge and Samrudhi Ghorpade declared as the first runner-ups in inter-college Debug-Innovation 2k20 organized by CCOEW, Pune in February 2020.

Winners and Participation in Paper presentations

1. Sakshi Karanjekar presented a paper on “Analysis of Convolutional Neural Network for the Long Cancer Detection Using CT-Scan Images” in the paper presentation competition organized by IIMT Engineering College, Meerut in May 2020.

2. Sakshi Pophale received second prize in Paper Presentation event where she presented a paper on “Smart Contract implementation using block chain” in Alacrity 2020 organized by AISSMS COE, Pune.

3. Shruti Bhilave and Akshata Jedhe presented a paper on “Vehicle Maintenance Index” in Smart India Hackathon 2020 organized by Indian Govt-MHRD, MIC, Persistent.

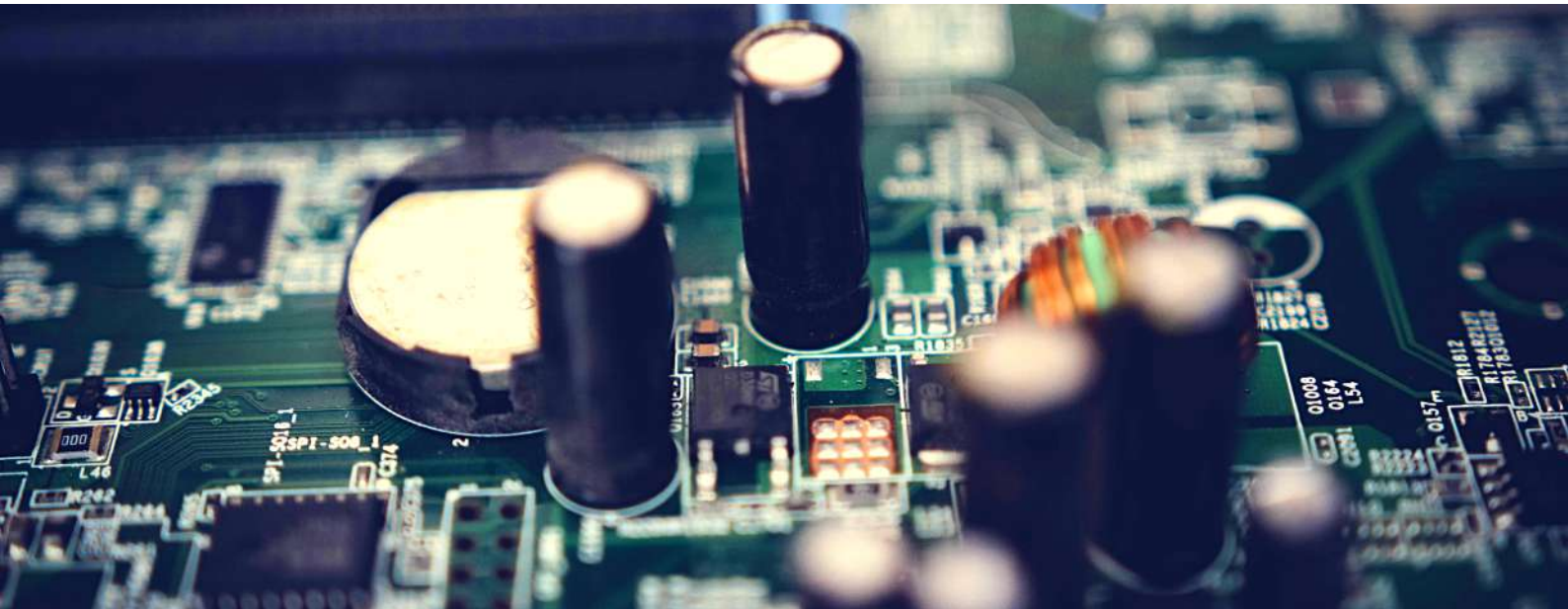
Winners and Participation in Project competitions

1. Bhakti Deshpande, Samrudhi Ghorpade, Samruddhi Malge and Yashashri Bongulwar received second prize in Big Data domain in National level Project competition Impetus and Concepts-2020 [Project title: “One Click Spark development Platform”] organized by PICT, Pune in May 2020.

2. Bhakti Deshpande, Samrudhi Ghorpade, Samruddhi Malge and Yashashri Bongulwar received participation certificate in Big Data domain [Project title: “One Click Spark development Platform”] on reaching Grand Finale in National level Project competition “Smart India Hackathon” organized by Indian Govt-MHRD, MIC, Persistent in January 2020.

3. Sakshi Patil, Kranti Gangurde and Sanyukta Bapte got selected to District-level [Project title: Devanagari Handwritten Document Classification] in Avishkar organized by SPPU in January 2020.

4. Aditi Sathiyapalan, Simran Moondra, Mansi Shinde and Sejal Shroff participated in National level Project Competition Tech-Pro [Project title: Extending SCLP (Language Processor for a subset of C) for supporting new language features] organized by G.S. Mandal's Maharashtra Institute of Technology, Aurangabad (M.S.) in June 2020.



Participations in Workshops/Seminars

1. Sakshi Ingole attended a workshop on “Internet of Things” held in IIT Bombay in January 2020.
2. Nitika Jangra attended both the webinars on “Leadership Talk” organized by MHRD’s Innovation Cell in May and June 2020 respectively.
3. Nitika Jangra attended the SKILL-A-THON workshop organized by GUVI Geek Networks with UiPath association.
4. Sejal Shroff attended the Webathon+Week of Learning workshop organized by Progate in January 2020.
5. Sejal Shroff attended the MOOCs Workshop (Mentor-Mentee Exchange Program) organized by Microsoft Student Partners 2020 from April to July 2020.

Participations in Coding Competitions/ Robotics/ Quizzes

National level

1. Soha Parasnis participated in the National level ACM India Winter School 2019-2020 on 'Hybrid Cloud' at IISc, Bangalore organized by Association for Computing Machinery (ACM) India, IBM and IISc, Bangalore from 9th to 14th Jan 2020.
2. Sonal Shilimkar participated in the National level Coding competition “Zeal Covid- 19 Hackathon” organized by Zeal College, Pune in June 2020.
3. Tanya Shikarwar participated in the National Level Coding competition “Flipkart's #GirlsWannaCode” organized by Flipkart in January 2020.

Inter-College level

1. Aditi Kela participated in the Quiz Contest on “C language” organized by H.V.P.M.’s COET, Amravati in May 2020.
2. Richa Pawar participated in “Grads Olympiad” organized by Springfield Olympiads in May 2020.
3. Richa Pawar participated in the online MCQ Quiz Competition entitled “DeKodeIT” organized by Kode IT Solutions.
4. Stuti Chopra participated in “Grads Olympiad” organized by Springfield Olympiads in May 2020.
5. Stuti Chopra participated in Covid 19 General Awareness Quiz organized by Krishna Group of colleges, Bijnor in May 2020.
6. Nitika Jangra participated in the Coding Quiz Competition organized by Bharati Vidyapeeth's College of Engineering for Women, Pune in May 2020.
7. Snehal Khot participated in the Coding Quiz Competition organized by Bharati Vidyapeeth's College of Engineering for Women, Pune in May 2020.
8. Snehal Khot participated in the Coding Quiz Competition organized by Marathwada Mitra Mandal's College Of Engineering, Pune in May 2020.
9. Nitika Jangra participated in the Online Coding Quiz Competition organized by PCCOER ,Pune in May 2020.

Extracurricular Activities

1. Apoorva Bhapkar won the second prize in Triple Jump in ZEST 2020 conducted at COEP in Jan 2020. She also participated in 110m hurdles, Discus Throw, Long Jump and 4x100m Relay.
2. Shalmalee Shenolikar participated in the Basketball event conducted by COEP in Feb 2020.
3. Kranti Gangurde participated in Kabaddi event conducted by the Pune University in Jan 2020 and COEP in Feb 2020.
4. Shalmalee Shenolikar and Shruti Bhilave won the first prize in Basketball during PACE 2020 conducted by AIT Pune in Feb 2020.
5. Manasi Kasande was the winner of the Cricket Event in Pace 2020 organized by AIT during Feb 2020.
6. Shalmalee Shenolikar and Shruti Bhilave bagged the first prize in Basketball during PENTACLE 2020 conducted by CCOEW, Pune in Feb 2020.



7.Shalmalee Shenolikar won the first prize in Basketball during Elevate 2020 conducted by PICT, Pune in Feb 2020.

8.Vaishnavi Khare bagged the second place in Rope-Mallakhamb at the All India Inter-University tournaments at GND University Amritsar in March 2020.

9.Shruti Bhilave was the runner up in the Basketball competition organized by Pune City Zonal Sports Committee.

10.Apoorva Bhapkar won the third prize in 4x100m Relay Race in Damini conducted by MKSSS during Jan-Feb 2020.

11.Shivani Patil won the third prize in the Suryanamaskar competition in Damini conducted by MKSSS during Jan-Feb 2020.

12.Namrata Giri, Apoorva Bhapkar, Kranti Gangurde, Vaishnavi Khare, and Srushti Gandhi won the third prize in Tug of War during Damini conducted by MKSSS in Jan-Feb 2020.

13.Kranti Gangurde won third prize in the Kabaddi event in Damini conducted by MKSSS during Jan-Feb 2020.

14.Vaishnavi Khare won third prize in the Suryanamaskar competition in Damini conducted by MKSSS during Jan-Feb 2020.

15.Vaishnavi Chormale bagged the third prize in the Kho-kho event in Damini organized by MKSSS during Feb 2020.

16.Harshala Dagale and Manasi Kasande were the winners of the Cricket Event in Damini 2020 organized by MKSSS during Feb 2020.

FACULTY

Faculty Research Publication 2019-2020

1. Mr. Hitendra Khairnar conducted Online Presentation on the topic Aggregated Time Series based Vehicular Traffic Path Recommendation, issue date 15th - 17th May 2020 in the ICCCS 2020 (5th International Conference on Computer and Communications Systems) Shanghai, China.
2. Dr. Neeta Maitre published Journal paper "An Incremental Approach Towards Clustering Short-Length Biological Sequences." Recent Trends in Communication and Intelligent Systems. Springer, Singapore, 2020. 151-156.

Book Publications

1. "Data Warehousing and Data Mining", book authored by Mrs. Pranjali A. Deshpande is published by Technical Publication, ISBN-10:938942093X ISBN-13: 978-9389420920 in December 2019.
2. A book on "Modern Software Engineering," published by Technical Publication in February 2020 is authored by Mrs. Pranjali A Deshpande (ISBN 978-93-89750-51-5).
3. Dr. Neeta Maitre wrote book chapter: "MidClustpy: a clustering approach to predict coding region in a biological sequence." Soft Computing in Data Analytics. Springer, Singapore, 2019. 351-359

Details of Faculty As Resource / Expert Person

1. Dr. Supriya Kelkar was a recognized evaluator for the National Board of Accreditation visits.
2. Dr. Sunita Jahirabadkar has been appointed as the Academic Research Coordinator (ARC) for SPPU, Pune, during 2019-2020 for the next three years.
3. Dr. Sunita Jahirabadkar was appointed as an M.Tech. Seminar Evaluator (3rd Semester Project-based Seminar) , date 3/2/2020 in DoT Pune.
4. Dr. Chhaya S. Gosavi was appointed as PG Guide at DoT, Pune, during 2019-2020 at SPPU, DoT, Pune.
5. Dr. Sandhya Arora was the Session Chair in the 5th international conference on IoT, Next Generation Networks, and Cloud Computing ICINC-2020, which was held at SKNCOE, Pune on 12th and 13th Feb 2020.
6. Dr. Chhaya Gosavi was an external examiner for M.E. for VIIT Pune.
7. Dr. Chhaya Gosavi was the judge for a poster and model competition activity in the technical event "UDAAN 2k20" at MMCOE Pune held on 20th Feb 2020.

8. Dr. Chayya Gosavi was an external examiner for F.Y. M.Tech students specializing in Data Science Analytics (DSA) and Network Management/ Cyber Security (NMCS) Project stage-II at MIT-WPU, Pune.

9. Dr. Sunidha Jahirabadkar was the Session Chair in the 5th international conference on IoT, Next Generation Networks, and Cloud Computing ICINC-2020, which was held at SKNCOE, Pune on 12th and 13th Feb 2020.

10. Mr. Hitendra Khairnar was the Session Chair at the International conference ICCCS, China, on May 29th, 2020.

11. Dr. Chhaya Gosavi was the Reviewer and Session Chair for Second International Conference on Advanced Trends in Computer Science, and Information Technology (ICATCSIT-2020) held at RSCOE, Pune in June.

12. Dr. Chhaya Gosavi was appointed as the expert faculty for the National Training Program on "Project Guidance: From Selection to Implementation" held at RSCOE, Pune on 8th June 2020.

Faculty Development Programs

1. Mr. Hitendra Khairnar and Mrs. Madhuri Tasgaonkar attended the six-day FDP on "Predictive Analytics in Big Data Applications Using Hadoop and R-Programming" held from December 16 to December 21, 2019, at Sreenidhi Institute Of Science And Technology, Yamnampet, Ghatkesar, Hyderabad.

2. Mrs. Neeta Maitre, Mrs. Shilpa Pant, Mrs. Rakhi Dongaonkar, Mrs. Vaishali Salgar, Mrs. V.S. Pimprale, Mrs. Madhuri Tasgaonkar, Mrs. Nutan Deshmukh, Mrs. Sakshi Mandke, Mrs. Nilofer Attar, Dr. Sunita Jahirabadkar, Mrs. Aparna Hajare, Dr. Anjali Naik, Mrs. Sayali Sapkal, Mrs. Geetanjali Salunkhe, Mrs. Neha Korla, Mrs. Sulakshana Nagpurkar and Mrs. Sharyu Mirasdar attended the six-day FDP on "Data Science" held from December 2 to December 7, 2019, under PMMMNMTT, MHRD and Government of India (GOI) at CCOEW, Pune.

3. Dr. Chhaya Gosavi and Mr. Mahendra Deore attended the one-week online FDP on "Python 3.4.3" held from April 20 to April 25, 2020, organized by PCCOE, Pune.

4. All Faculties of all departments attended the 7-days Hands-on Online Faculty Development Program on "Use of Moodle as LMS" to earn Competency of Gnomio Moodle Creation for OBE held from June 26 to July 3, 2020, at CCOEW, Pune.

5. Mrs. Vaishali Salgar, Mrs. Shilpa Pant, and Mrs. Aparna Hajare attended the Five Days FDP on "Cloud Computing Using AWS" held from June 3 to June 7, 2020, at CCOEW, Pune

6. Dr. Sandhya Arora attended the one-week Online FDP on "Python 3.4.3" from April 27 to May 2, 2020, organized by Pune Institute of Computer Technology, Pune.

7. Dr. Sandhya Arora attended the one-week online faculty development program on “Open Source Learning Management System: Modular Object-Oriented Dynamic Learning Environment (MOODLE) ” from June 16 to June 20, 2020, organized by Zakir Husain College of Engineering and Technology Aligarh Muslim University, Aligarh.

8. Dr. Sandhya Arora attended the one-week FDP on “DRUPAL” from May 18 to May 23, 2020, organized by Bharati Vidyapeeth College Of Engineering for Women.

9. Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended the one-week Faculty Development Program On “LaTeX from June 8 to June 13, 2020, organized by Bapurao Deshmukh College Of Engg. Wardha in association with Spoken Tutorials, IIT Bombay under Under MHRD, Government of India (GoI),(PMMMNMTT).

10. Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended a one-week National Level Online FDP on “Online Teaching-Learning Processes using ICT tools for Education 4.0” from June 8 to June 13, 2020, organized by St. Vincent Pallotti College of Engineering, Nagpur in association with CSI, Nagpur.

11. Mr. Saurabh Mengale, Mr. Hitendra Khairnar, Ms. Nutan Deshmukh, Mrs. Varsha Pimprale, Mr. Mahendra Deore, Mr. Prakash Date attended a one-week Faculty Development Program (online) on “Security Issues & Role of Cryptography in Communication” from 22nd to 26th June 2020, organized by UMIT, SNDTWU, Mumbai.

12. Dr. Supriya Kelkar completed a five days FDP on “Advancements in IoT” from 8th to 12th June 2020 organized by MMCOE, Pune.

13. Dr. Supriya Kelkar attended a one week Online Faculty Development Program on “Python Programming” from 28th April to 03rd May 2020, organized by JSPM’s Rajarshi Shahu College of Engineering, Tathawade, Pune.

14. Dr. Supriya Kelkar attended a one-week FDP titled “DRUPAL” from 18th May 2020 to 2nd May 2020 Pune Vidhyarthi Griha’s College Of Engg. And Technology, Pune.

15. Ms. Sarika Jogalekar attended a five days Online Faculty Development Program on “Pioneering AI Technology- A Case Study Approach” from 22nd June to 26th June 2020, organized by School of Engineering, Dayananda Sagar University, Bengaluru.

16. Mr. Mahendra Deore attended the one-week online FDP on “PHP and MY SQL ” held from April 24 to April 30, 2020, organized by Smt. Kashibai Navale College of Engineering, Pune.

17. Mr. Mahendra Deore attended the one-week online FDP on “DRUPAL” held from May 4 to May 9, 2020, organized by PCCOE College of Engineering, Pune.

18. Mr. Mahendra Deore attended the one-week online FDP on “Innovative Teaching Pedagogy in Technical Institutions” from June 1 to June 5, 2020, organized by MVP’S KBT College of Engineering, Nashik.

19. Dr. Neeta Maitre attended the one-week Online Faculty Development Program “PHP and MySQL” from May 8 to May 13, 2020, organized by Sir Visvesvaraya Institute Of Technology, Nashik.

20. Dr. Neeta Maitre attended the five days Faculty Development Program on “Data Visualization using Tableau” from June 8 to June 12, 2020, organized by Dayananda Sagar College of Arts, Science and Commerce, Bengaluru.

21. Dr. Neeta Maitre attended the five days FDP on “Artificial Intelligence & Data Science” from June 10 to June 14, 2020, organized by the Oriental Institute of Science & Technology, Bhopal.

22. Mrs. Nilofer Attar attended the five days FDP on “Python Programming & Fuzzy System” from May 18 to May 22, 2020, organized by JSPM, Narhe.

23. Mrs. Nilofer Attar attended the four Days of FDP Program on “ICT/LMS Tools for Teaching & Learning” from June 16 to June 19, 2020, organized by K. C. College of Engineering & Management Studies & Research, Thane.

24. Mrs. Nilofer Attar attended the one-week FDP on LaTeX from April 25 to May 1, 2020, organized by S.B. Patil College of Engg, Indapur.

25. Mrs. Nilofer Attar attended the one-week FDP on “DRUPAL” from May 4 to May 9, 2020, organized by Sinhgad Institute of Technology & Science, Narhe.

26. Mrs. Nilofer Attar attended the one-week online Faculty Development Program on “Python” from May 18 to May 23, 2020, organized by SKN Sinhgad College of Engineering, Pandharpur.

27. Mrs. Nilofer Attar attended the six days FDP on “Moodle Management System” from June 1 to June 6, 2020, organized by Datta Meghe College of Engg. Mumbai.

28. Mrs. Nilofer Attar attended the one-week Online Faculty Development Program on “Advanced C++” from April 27 to May 1, 2020, organized by AISSMS IOIT, Pune.

29. Ms. Shilpa Pant attended a five days FDP on “Python Programming and Fuzzy System” from 18th May 2020 to 22nd May 2020, organized by JSPM Narhe Technical Campus, Pune.

30. Ms. Shilpa Pant attended a one-day FDP on “Digital Transformation” from 11th to 13th June 2020, organized by the AISSMS College of Engineering, Pune.

31. Ms. Shilpa Pant attended a one-week Online Faculty Development Program on “Python 3.4.3” from 27th April to 2nd May 2020, organized by Pune Institute of Computer Technology, Pune.

32. Ms. Shilpa Pant attended two days FDP on “Effective use of ICT tools for efficient online teaching” from 29th May to 30th May 2020, organized by PICT, Pune.

33. Ms. Shilpa Pant attended one Week Online FDP on “PHP and MySQL,” which included a demonstration cum hands-on exposure in PHP and MySQL, from May 8, 2020, to May 13, 2020, organized by Shri Visvesvaraya Institute Of Technology, Nashik.

34.Ms. Shilpa Pant attended a one week Online Faculty Development Program entitled “DRUPAL” from 4th May 2020 to 9th May 2020, organized by Sinhgad Institute of Technology and Science, Narhe, Pune.

35.Ms. Shilpa Pant attended a two week Online Faculty Development Program on Java from 4th May to 15th May 2020, organized by Sinhgad Academy of Engineering, Kondhwa (Bk), Pune.

36.Mrs. Aparna Hajare and Mrs.Vaishali Salgar attended a one week Online FDP on “Signal, Image & Video Processing: A Practical Approach” (TEQIP-III) from 26th May to 30th May , organized by Government College of Engg., Karad.

37.Ms. Deepali Nagrale attended a five days FDP on “Cloud Computing using Amazon Web Services” from 03 May 2020 to 07 June 2020, organized by COMP & IT Department, Trinity College of Engineering & Research, Pune.

38.Ms. Deepali Nagrale attended a five days FDP on Security Issues and Role of Cryptography in Communication from 22nd to 26th June 2020 organized by Usha Mittal Institute of Technology, SNDT Women’s University, Mumbai.

Webinars

1.Mr. Hitendra Khairnar attended the one day webinar on “Big Data & COVID -19: Technologies and Applications” held on June 6, 2020, organized by Maharishi International University, US.

2.Mrs. Vaishali Salgar and Mrs. Aparna Hajare attended the one day webinar on “BlockChain” on June 11, 2020, organized by Anand Institute of Higher Institute, Chennai.

3.Mrs. Vaishali Salgar attended the one day webinar on “ 5G Communication” on June 10, 2020, organized by DMI College of Engineering.

4.Mrs. Vaishali Salgar and Mrs. Aparna Hajare attended the One day webinar on “Python Programming & Industrial Applications” on June 9, 2020, organized by Ethiraj College for Women, Chennai.

5.Mrs. Vaishali Salgar attended the one day webinar on “ Android App Development” on June 11, 2020, organized by Rajeswari Vedachalam Government Arts College, Chennai.

6.Mrs. Vaishali Salgar attended the one day webinar on “ Robotics Process Automation” on June 9, 2020, organized by Sridevi Women’s Engineering College.

7.Dr. Sandhya Arora attended the one day Webinar on “Current Trends in Data Science” on May 1, 2020, organized by College of Engineering and Management, Nagpur.

8.Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended a one day Webinar on “ Industry Trends using Machine Learning with MATLAB” on June 3, 2020, organized by PCCOE, Pune.

9. Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended a one-week webinar on “Cummins Webclave 2020– Thoughts for Comprehensive IT Future” from 29th May 2020 to 4th June 2020, organized by CCOEW, Nagpur.
10. Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended a two days Webinar on “Water, Sanitization, Hygiene, and Waste Water Management for the COVID -19 Virus” on 15th and 16th June 2020, organized by Chitkara University, Punjab.
11. Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh attended a webinar on "Cyber Security- It's not just a technology" on 13th June 2020, organized by CSI, Pune.
12. Dr. Supriya Kelkar attended a one-day webinar on “Embracing digital transformation as a future-proofing strategy” on 3rd June 2020, organized by Deakin University.
13. Dr. Supriya Kelkar attended a two days webinar on “Cyber Safety for Teacher” on 5th & 6th June 2020, organized by Savjivani college of Engg, Kopargaon.
14. Ms. Sarika Jogalekar attended a one-day webinar on “Creating And Testing Block Chains With Hyperledger Composer” on 19th June 2020, organized by the Department of CSE, Pragati Engineering College.
15. Ms. Nilofer Attar attended the one day webinar on “Right Choice-Motivational Talk” on May 30, 2020, organized by AISSMS College of Engineering, Pune.
16. Mrs. Shilpa Pant attended the one day webinar On “Roles of IoT on Industrial Applications” on May 21, 2020, organized by Sethu Institute of Technology.
17. Ms. Shilpa Pant attended the one-day webinar Series on “AWS Cloud Services And Their Usage” on June 3, 2020, organized by K J College of Engineering and Management Research, Pune.
18. Ms. Shilpa Pant attended the one day webinar on “Cybersecurity when future is uncertain” on June 2, 2020, organized by Daulatrao Aher College Of Engineering, Karad.
19. Ms. Shilpa Pant attended the one day webinar on “Self Management” on June 3, 2020, organized by Daulatrao Aher College Of Engineering, Karad.
20. Ms. Shilpa Pant attended a one-day webinar on “Educational System Challenges and Opportunities aftermath of COVID-19 Pandemic” on 18th June 2020 organized by S. B. Jain Institute of Technology, Management & Research, Nagpur.
21. Ms. Shilpa Pant attended a one-day webinar on “Outcome Based Education” on 20th June 2020, organized by Vishweshwraya Abhiyantriki Padvika Mahavidyalay.
22. Ms. Shilpa Pant attended the six days webinar on Technology awareness program for faculty on “Introduction To Blockchain Technology" held from 25th May to 30th May 2020 organized by JSPM Narhe Technical Campus, Pune.

23.Ms. Shilpa Pant attended a one-day webinar on the topic “Introduction to Electric Vehicle and New Market Trends” on 25th May, organized by Brahma College of Engineering and Research Institute, Nashik.

24.Ms. Shilpa Pant attended a one-day online technical session on "How to improve the citation and write research papers” on 1st May 2020, organized by Shri Vishvesvaraya Institute of Technology, Nashik.

25.Ms. Shilpa Pant attended a one-day webinar on “IOT’ on 4th May 2020 organized by IETE, Mumbai.

26.Ms. Shilpa Pant attended a one-day webinar on “Virtual Reality” on 14th May 2020 organized by SRM, Chennai.

27.Ms. Shilpa Pant attended a one-day webinar on “ Image Processing using Python” on 12th May 2020, organized by Mount Zion College of Engineering.

28.Ms. Shilpa Pant attended a one-day webinar on “ IoT using Raspberry Pi” on 19th June 2020, organized by the Institute Of Engg. & Technology.

29.Ms. Shilpa Pant attended a one-day webinar on “COVID-19: Impact and Opportunity in Engineering Sector” on 13th June 2020, organized by Vishweshwarayya Abhyantriki Padvika Mahavidhyalaya.

30.Ms. Shilpa Pant attended a one-day webinar on “Intellectual Property (IP) Importance in individual life and a Startup's Success & Growth.” on 12th June 2020 organized by K J College of Engineering and Management Research, Pune-48.

31.Ms. Shilpa Pant attended a 3 Days webinar Series on “Post COVID-19 Challenges in Engineering Education and Industry” from 25th May to 27th May 2020 organized by K J College of Engineering and Management Research, Pune-48.

32.Ms. Deepali Nagrale attended a one day webinar on “Blockchain Technology” on 9th June 2020 organized by the Department of Information Systems & Management, Bhaktavatsa Law Memorial College of Women, Chennai.

33.Ms. Deepali Nagrale attended a one day webinar on topic “Cybersecurity: it’s not just technology” on 13th June 2020 organized by Computer Society of India, Pune Chapter.

34.Ms. Deepali Nagrale attended a national level webinar on the topic “Creating and Testing Blockchains with Hyperledger composer” on 19th June 2020 organized by the Department of CSE in association with CSI Region V, Pragati Engineering College(A), Surampalem, E.G., Dist., A.P., India.

35.Ms. Deepali Nagrale attended a one day webinar on “International Yoga Day” on 21st June 2020 organized by the Department of Engineering Sciences, AISSMS's Institute of Information Technology, Pune.

36.Ms. Deepali Nagrale attended a one-day webinar on “Industrial IoT in Manufacturing” on 23 June 2020, organized by the Department of Electronics and Telecommunication, Director, Gill Instruments Pvt Ltd, Bengaluru, Karnataka, India.

37.Ms. Deepali Nagrale attended a one-day webinar on “PLM: Product Lifecycle Management” on 27 June 2020, organized by AISSMS's Institute of Information Technology, Pune.

38.Ms. Deepali Nagrale attended a one-day webinar on “A case study on Application of Image & Video Processing in Defense” on 30th June 2020 organized by the Department of Electronics and Telecommunication, AISSMS IOIT, Pune.

39.Ms. Deepali Nagrale attended a one-day webinar on “Industry 4.0” on 28th June 2020, organized by the Department of Electronics and Telecommunication, AISSMS IOIT, Pune.

40.Ms. Deepali Nagrale attended a one-day webinar on “Bigdata” on 28th June 2020, organized by the Department of Electronics and Telecommunication, AISSMS IOIT, Pune.

41.Ms. Deepali Nagrale attended a one-day webinar on “Robotics & Automatics” on the 28th June 2020 Department of Electronics and Telecommunication, AISSMS IOIT, Pune.

Courses

1.Mrs. Aparna Hajare, Dr.Anjali Naik, Mrs. Vaishali Salgar, and Mrs. Madhuri Tasgaonkar completed the 16 week Course SWAYAM ARPIT ONLINE COURSE CERTIFICATION on “ Career Advancement Scheme (CAS) promotion Leadership and Governance in Higher Education" Level 2 , held from October to January 2020 under Faculty Development Program at CCOEW, Pune.

2.Dr. Chhaya Gosavi completed the two weeks Coursera online certification on “Introduction to Data Science in Python” from May 15 to May 28, 2020, organized by the University of Michigan.

3.Dr. Chhaya Gosavi completed the two weeks online certification on “Machine Learning using SAS Viya” from May 20 to June 3, 2020, organized by SAS, Pune.

4.Dr. Chhaya Gosavi Ms. Meenal Kamalakar and Ms.Neha Koria completed the NPTEL-AICTE 12 Week Course on “Programming in Java” from January to April 2020 at CCOEW, Pune.

5.Mrs. Vaishali Salgar completed the one day online non-credit course “Build a Simple App in Android Studio with Java” on June 10, 2020, organized by Coursera Project Network and offered through Coursera.

6. Mrs. Vaishali Salgar completed the one day online non-credit course “Using Python to Access Web Data” on June 20, 2020, organized by the University of Michigan and offered through Coursera.

7.Mrs. Varsha Pimprale and Mrs. Nutan Deshmukh completed a 12-week Nptel Course on "Yoga Practices-I" during April-June 2020.



8. Dr. Supriya Kelkar completed an NPTEL online (12 Week Course) on “Joy Of Computing Using Python” from Jan to Apr 2020.

9. Ms. Nilofer Attar completed the NPTEL (12 Week Course) on Problem-solving through Programming in C from January to April 2020 at CCOEW, Pune.

10. Ms. Nilofer Attar completed the NPTEL (8 Week Course) on “DATA MINING” from February to April 2020 at CCOEW, Pune.

11. Ms. Shilpa Pant completed an NPTEL (12 Week Course) on “Computer Network & Internet Protocol” from Jan to Apr 2020.

12. Ms. Shilpa Pant completed Cloud Computing Basics (Cloud 101), an online non-credit course authorized by Learn Quest, and offered through Coursera on 8th June 2020.

13. Ms. Aparna Hajare completed an NPTEL (4 Week Course) on “Design and Pedagogy of the introductory programming course” in Feb – Mar 2020.

Workshops

1. Mr. Hitendra Khairnar, Mrs. Vaishali Salgar, Mrs. Sarika Jogalekar, and Mrs. Amrita Nalawade attended the One Week online workshop on “Next Generation software tools and trends for industrial solution current practices” held from June 13 to June 17, 2020, organized by Government College of Engineering, Aurangabad.

2. Dr. Sandhya Arora attended the four days Online Workshop for Students and Faculty Development Program On “LaTeX” from May 14 to May 17, 2020, organized by MIT College of Railway Engineering and Research, Barshi.

3. Ms. Deepali Nagrale attended a five days workshop on “Next Generation Software Tools and Trends for Industrial Solutions: Current Practices” organized by NGST-2020 from 13 June to 17 June 2020 organized by Computer Science and Engineering Department, Government College of Engineering, Aurangabad.

Guest Lectures

1. Prof. A. N. Muchrikar arranged an Interactive Session including experience sharing and inspirational talk with the under-grads by Ms. Joan Wills, Executive Director, Electronics department, Cummins Inc, USA on February 28, 2020 for 100 TY students from all branches.

2. Prof. Sakshi Mandke, Prof. H.S. Khairnar, Prof. P.A. Deshpande, Dr. Neeta Maitre arranged a lecture on 'Data Science & Analytics - Technology trends & tools' by Ms. Kranti Athalye - Sr. Manager, University Relations, IBM on April 24, 2020 for Final year students of elective : Big Data Analytics Elective.

3. Prof. Sakshi Mandke, Prof. H.S. Khairnar, Prof. P.A. Deshpande, Dr. Neeta Maitre arranged a lecture on 'Hadoop installation and hosting / deployment of enterprise application on Hadoop' by Ms. Mrudula Madiraju - Product Security Specialist & Customer Advocate, IBM Analytics Engine, IBM on April 28, 2020 for Final year students of elective : Big Data Analytics Elective.

4. Prof. Sakshi Mandke, Prof. H.S. Khairnar, Prof. P.A. Deshpande, Dr. Neeta Maitre arranged lecture sessions on 'Big Data Visualization' by Ms. Sonali Dey - Operations Manager, Global Business Services, IBM on April 30 and May 5, 2020 respectively for Final year students of elective : Big Data Analytics Elective.

5. Prof. P.A. Deshpande, Prof. Sakshi Mandke, Prof. H.S. Khairnar, Dr. Neeta Maitre arranged lecture sessions on 'Map reduce in real life' by Dr. Sandeep Deshmukh on May 20 and May 22, 2020 respectively for TY, BTech students.

6. Prof. Pranjali Deshpande arranged a lecture on 'Opportunities in Human Computer Interaction' by Ms. Shruti Mahajan, Research Assistant, Worcester Polytechnic Institute on January 9, 2020 for TY students of elective: Human Computer Interaction.

7. Prof. Ashutosh Muchrikar, Dr. Shilpa Deshpande and Mrs. Jyoti Bangare arranged a talk on 'Developer 101's' by Ms. Aditi Dixit, Full Stack Developer, Rakuten Incubation team, USA on January 15, 2020 for B.Tech students.

8. Dr. S.M. Kelkar arranged a talk on 'Python, a tool - it's Optimization and Applications' by Ms. Anuja Kelkar on April 24, 2020 for TY Computer students.

Positive Impact of Covid-19 Pandemic on IT Industry



The outbreak of Covid-19 has largely impacted the global economy, with disrupting businesses across diverse sectors around the world. The spread of the virus now has led countries into lockdown, fearing the economy of a recession. As the virus significantly affects most established countries, its impact on India is relatively low than others but has a larger impact on the country's businesses and economy.

Over the last couple of decades, the IT industry has been India's leading sector to economic growth. It plays a crucial role in fulfilling the country's several middle-class dreams of accomplishment and aspirational careers. In recent times, Indian firms have faced several projects cancellations by clients across sectors due to limitations in air travel and shutting down of cities and countries to contain the spread of the Covid-19 pandemic To create diversified offerings, India's leading IT service suppliers like Infosys, Wipro and TCS are providing varied products, showcasing leading ideas in blockchain and artificial intelligence to clients using innovation hubs, research, and development centres .

Amidst the challenging situation due to the pandemic that the IT industry is witnessing, the companies are expected to significantly see their growth slow. Large players like TCS, Infosys, and HCL technologies are at the frontline to bear the maximum jolt as the demand from clients in the US and Europe, which are worst hit by COVID-19, is expected to fall. The revenue is expected to be reduced by approximately 2-7% largely impacted by the slowdown in decision making, delay in pipeline conversion and project execution and pricing impact on core business.

In addition, the overall impact of the virus on India's economy was projected to reach around INR 8.8 trillion. Despite GDP forecasts cut growth for the south-Asian country, the large unorganized sectors of the country were said to keep the economy from falling.

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