SIES GRADUATE SCHOOL OF TECHNOLOGY
Sri Chandrasekarendra Saraswati Vidyapuram, Plot 1C-E, Sector V, Nerul, Navi Mumbai – 400 706.

DEPARTMENT OF COMPUTER ENGINEERING
Annual Report 2019-20

1. Academic achievements:

Shantanu Ghar,Sayali Patil and Venkatesh Arunachalam from BE won CDAC-nVIDIA's "AI Hackathon 2019" and received cash prize of Rs. 1 Lakh.

Vrunda Mange and Mansi Khamkar Won Consolation Prize in Anveshna 2019-20 .

- Team members Senthil Thannermalai, V. Karthikraj, Venkatesh Murugesh have won 2nd Runner up in Texture ,National level paper presentation competition in SIESGST on topic 'Geo fencing based digital lang ownership and efficient crop rotation for farmers in Feb 2020.

Prof. Deepti Reddy has completed her Ph.D. in Education Technology from IIT Bombay in the month of November 2019.

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Prof. Varsha Patil has completed Ph.D. from Thadomal Shahani College of Engineering Mumbai in the month of September 2019.

Prof. Aparna Bannore has completed her Ph.D. from Mumbai University in the month of November 2019.

1. Prof. Pranita Mahajan has reviewed the translated files of the course "Introduction to research" offered by IIT Madras, September 2019.
2. Dr. Varsha Patil ranked in Topper 1% in the course titled "Fundamentals of Artificial Intelligence" offered by NPTEL, October 2019.
3. Prof. Kalyani Pampattiwar has been awarded as "NPTEL Descipline Star" in the month of Dec 2019 by NPTEL.
4. Prof. Pranjali Thakre admitted to Ph.D. in May 2019 at NMIMS,Mumbai.
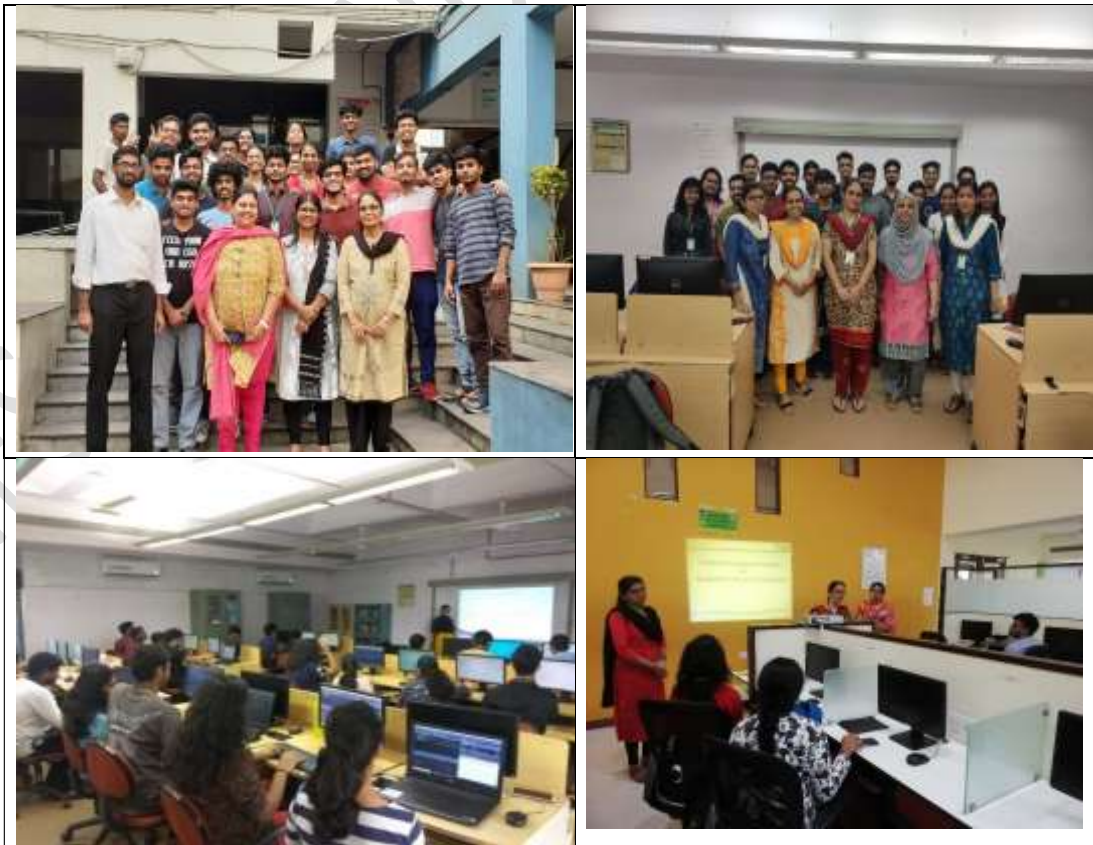5. Dr. Rizwana Shaikh has written an article for SIES e-magzine ADHIGAM for April issue 2020.

2. **Collaborative/MOUs':**
   - Computer engineering department has signed a MoU with Cloud Counselage on 26 Sep 2019

3. Department Initiatives:

- Department has started with NBA activities. Roles and Responsibilities have assigned to faculties in the month of November 2019.

- CE department has conducted workshops/SDPs on various security tools for students of all departments. "Network Security and Ethical hacking" dated 16nd Dec and 21 Dec 2019 was conducted in collaboration with Unotech Soft Ltd, 9 th Legend.

- Blockchain Technology and Application is one of the SDP floated for the first time in the department with good response from students from various semesters

- In this winter vacation also as a part of continuous practice, the department has floated SDP's in various domains such as Software design and Thinking, R programming, Blockchain Technology to explore students to upcoming technologies needed by industry

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- To improve placements and technical skills of students, technical quizzes, aptitude lectures, weekly code chef activities followed by coding competition were conducted.
- Five faculties have completed training on various courses conducted by NPTEL
- To help student's in selecting problem statements for National level Smart India Hackathon (SIH), a seminar was conducted on 13/01/2019.
- The partnership between the Institute and the Company is designed to facilitate the internship hiring process by signing MOU with Cloud Counselage.
- Apprehending Government related internship and taking necessary steps for the same
- As an initiative towards providing good internship opportunities to students department has started drafting mail to companies or startups.
- As a part of Career Development Cell Dr. Aparna Bannore has conducted weekly programming/Aptitude activities for SE/TE students
- To promote Web Development Skills within students Prof. Namrata Patel and Prof. Kranti Bade has conducted Web Development competition for TE students under CSI on 13/09/2019.

- Computer Department has organized Syllabus Revision meeting of subject 'Database Management' on dated 3/3/2020 in SIESGST.

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- The CSI Student Chapter of SIES Graduate School of Technology organized a national level project competition, INNOVATIONS, on 28th February, 2020. Total 27 teams participated from various engineering colleges in India. Mr. Kaustubh Gadgil Scientific Officer (G), BARC as the chief guest for the event.

Academic / technical achievements of students:

- Students have actively participated in technical Event Cognition held on 13th and 14th September 2019.

- .Shantanu Ghar,Sayali Patil and Venkatesh Arunachalam from BE won CDAC-nVIDIA's "AI Hackathon 2019" and got cash prize of Rs. 1 Lakh.

- Apurva M, Navin Kumar M.,Mahadevan Narayanan, Aaditya G, Ajun Nair have published paper entitled " Using deep Learning on satellite Images to identify Deforestation/Afforestation" in ICCVBIC (Springer).

- Amogh Gokhale from BE won first prize in inquisitive in techopedia, 13-14 Sep 2019.

- Atharva Kshirsagar and Shubham Loya from SE C won the Technopoly Event under Techopedia, National level technical competition by IEEE, 13-14 Sep 2019.

- Workshop for students on "Angular 5" was conducted by Saiprasad and Vignesh Reddy dated 12/10/2019.

- Aaditya Parthasarthy has won Bugforever Coding competition in SIESGST, Sep 2019.

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- Two team of 4 students each Senthil kumar, Karthikraj,Thirumalai Y, Shwetambari shinde and Aditya P, Sidharth Bayle, Akash Chavan, Varsha kini from TE get selected for Deep Blue Majesco Project competition under Mastek group of Company, Sep 2019

- One team of 4 students Mithil Poojary, Aakash Chavan, Rahul Sawantdesai and Ninad Chavan got selected for international coding competition ICPC Amritpuri at both regional levels, Sep 2019.

- Abhishek Joshi from SE CE is awarded by Elite certification in the course " python (algorithms and data structures) ",NPTEL Sep 2019.

- Shreya Mukherjee from SE CE is awarded by Elite+Gold certification in the course " Programming in Java ",NPTEL Jul-Oct 2019.

- Tejas Shenoy, Dhananjay, Senthil kumar from TE have won the first prize in WDL project competition, Sep 2019.

- Ninad Chavan has successfully completed Foundation certificate in CCDSAP from Codechef.

- Vijay Nadar, Krishnan Naidu from SE CE ,part Team Turbocrafters of has honored with AIR 6 and 1st in Mumbai at Baja 2020 endurance **.**

- Karthikraj, Yogesh, Shardul, Tejas, Shreyas and Shruti has qualified internal round of Smart India Hackathon.

- Swarika, Ajun, Aditya, Mahadevan , Apurva has qualified internal round of Smart India Hackathon.

- Sweta shekhar and team has qualified internal round of Smart India Hackathon.

- Shantanu Ghar, SAyali Patil and Venkatesh Arunachalam won third prize in Hackathon arranged by IITB, March 2020.

- Paper published by Sudhanshu Tarale, Snehal Deshmukh and Ankita Dharurkar on "Suspicious financial activities detection using machine learning", IJRASET (UGC Care), March 2020.

- Karthikraj, Yogesh, Shardul, Tejas, Shreyas and Shruti selected for final round of Smart India Hackathon.

- Sayali Patil, Shantanu ghar, Venkatesh Arunachalam won 1st Runner up in I-Hack conducted by E-cell IIT Bombay in Feb 2020

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Runners up at I_Hack 2020

- Chinmay Chandak & Arvind Thangraj has won Technical Excellence Award in Feb 2020.

- Sayali Patil has won Best Enterprising student award in Feb 2020.

- Team of V. Karthikraj, Shardul doke, Shruti Tambe,Tejas Shenoy, Yogesh vishwanathan, Shreyas Shridhar nominated in Smart India Hackathon 2020.

- Sanoop Menon has secured 34th rank in CEED 2020 by IIT Bombay in Feb 2020.

- Team members V. Karthikraj, Senthil Thannermalai, Thirumalai Nambi Yadav , Shweta shilwant have won special award for outstanding research in Deep blue Majesco on Topic 'Long term water consumption & prediction of Mumbai' in Feb 2020

- Team members Senthil Thannermalai, V. Karthikraj, Venkatesh Murugesh have won 2nd Runner up in Texture in SIESGST on topic 'Geo fencing based digital lang ownership and efficient crop rotation for farmers in Feb 2020.

- Total 28 students from computer department (TE & SE) are eligible for level 2 in CISCO ISTE CODATHON in April 2020.

- Final Year Student Sarthak has developed Live Tracking of the CORONA virus app under HMI Mini project in April 2020.

- V Karthikraj ,Venkatesh M from TE computers participated in Hackathon Conducted by Datta Meghe College

- Vrunda Mange and Mansi Khamkar Won Consolation Prize in Anveshna 2019-20 .

5. Cultural / sports achievements:

- Satish Manikannan completed 4*100 m rally boys and won 2nd prize during ENTHUSIA 2K19 conducted by VJTI

- As a part of NSS team Ms. Anushree Kolhe, Sakshi Mahadik won first prize in UDAAN , NSS street play competition

- Aishwarya Ganeshan and Shweta Ravikumar Participated in Youth Festival conducted by UOM in singing

- Arshita Soni won first prize in Group Dance in Euphoria 2019

6.Faculty achievements/Research grants:

Faculty achievements

- As a part of syllabus revision B.E. Faculties have attended Orientation of Mumbai University on various subjects.

- Prof. Varsha Patil visited Cloud Counselage Pvt. Ltd for internship and Placement activities.

- Dr. Rizwana shaikh acted as reviewer for ICACTA 20 by DJ Sanghvi college mumbai on feb 2020 elsevier publication.

- Dr. Rizwana Shaikh has been invited as a member of the Technical Program Committee for IEEE Conference GUCON 2020.

- Prof. Suvarna Chaure, Prof. Anindita Khade, Prof. Pranjali Thakre were the resourse person in STTP on "Object oriented programming in Mechanical Engg", organized by Mechanical Department SIES GST.

- Dr. Rizwana Shaikh has organized and also acted as resource person for AICTE-ISTE approved STTP on " Cloud Computing and HPC" in the december 2019.

- Prof. Pranita Mahajan has guided the students team as a Coach to get qualified at international coding competition ICPC Amritpuri at both regional levels, Sep 2019.

- Prof.Anindita Khade has been a reviewer for the IEEE conference named ICCCDW organized by Atharva College in Feb 2020.

- Dr. Deepti Reddy was invited as resource person for a workshop for teachers on topic CS education workshop : Computing Education Research with a focus on teaching-learning of thinking skills in ACM COMPUTE 2019 conference at University of Goa on Oct 11,2019.

- Dr. Rizwana Shaikh was invited as a part of the syllabus revision committee for the operating system subject in feb2020.

Research grants (Minor Research Grant for 19-20)

- Dr.Rajesh Kadu and Prof. Kranti Bade has submitted Minor research proposal on "IOT based Water Quality Management using sensors" for AY 2019-20 and received a grant of Rs.20000 from university of Mumbai.

- Prof. Prachi Shahane, Prof. Pranita Mahajan has submitted Minor research proposal on " Medical chatbot for Non-Communicable Disease Awareness and Prevention for Indian Rural Women " for AY 2019-20 ND received grant from UOM

- Prof. Ujwala Ravale , Prof. Preeti Godbole, has submitted Minor research proposal on " Real time flood monitoring and control system " for AY 2019-20 and received grant from UOM.

- Prof. Kalyani Pampattiwar, Prof. Namrata Patel has Submitted Minor research proposal on "IOT based energy efficient system to control street lamp" for AY 2019-20.

- Prof. Amit Pandhare,Prof.Anindita Khade has submitted Minor research proposal on "Opinion mining for good governance" for AY 2019-20.

- Prof. Preeti Godbole, Prof. Prachi Shahane has submitted Minor research proposal on " Crack Monitoring in bridges using mobile robots " for AY 2019-20.

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- Dr. Aparna Bannore, Prof. Ujwala Ravale has submitted Minor research proposal on "Attack and Anomaly detection in critical IOT network using Machine Learning " for AY 2019-20.
- Prof. Masooda Modak, Dr. Rizwana Shaikh has submitted Minor research proposal on " Smart Agriculture using IOT " for AY 2019-20.

- Dr. Deepti Reddy, Prof. Suvarna Chaure has submitted Minor research proposal on " Analyzing Students Cognitive behaviour behavior in online learning environment using eye tracking " for AY 2019-20.
- Prof. Pranjali Thakre, Dr. Varsha Patil has submitted Minor research proposal on " Dams Monitoring and Management using IOT to prevent disaster" for AY 2019-20.

MAJOR EXTRA /CO-CURRICULAR ACTIVITIES

- WDL Project Competition was organized by Prof. Kranti bade and Prof. Namrata Patel for third year students on 22/10/2019.

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- Industrial visit to Reliance Jio was organized by Prof.Pranita Mahjan on 21/09/2019.

- Industrial visit to Banglore IT park was organized at institute level in the month of Dec 2019,total 51 students and Prof.Sunil K Punjabi ,Prof.Suvarna Choure and Prof.Pranjali Thakre were the part of IV

   Online Courses

- Prof. Prachi Shahane has successfully completed Datacamp Certfication for "Introducton to python", 23/09/19.

- Prof. Pranita Mahajan has completed online course by Udemy on "MAchine Learning with Python and NLP", 27 Dec 2019.

- Prof. Ujwala Ravale has successfully completed 12 week FDP course on "Ethical Hacking" offered by NPTEL, IIT, Jul- Oct 2019.

- Prof. Kalyani Pampattiwar, Prof. Masooda Modak honored with Elite certificate in 12 week FDP course on "Ethical Hacking" offered by NPTEL, IIT, Jul- Oct 2019.

- Prof. Namrata Patel, Prof. Kranti Bade has successfully completed UDEMY course on "Learn By example- PHP for dynamic websites" on 23/09/2019.

- Prof. Anindita Khade has successfully completed UDEMY course on "Python for Data Science and Machine Learning" on 23/09/2019.

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- Prof. Sunil Punjabi has successfully completed certification examination on "The Fundamentals of Digital Marketing" on 18 Nov 2019.

- Prof.Anindita Khade completed UDEMY Course on Machine learning and BDA in March 2020
  Prof.Anindita Khade completed UDEMY Course on Angular JS in April 2020.

- Dr. Rizwana Shaikh has completed certification on topic ' Build with the blockchain: "Deploy your own private blockchain' by Udemy in April 2020".

- Prof. Namrata Patel has completed certification on "Open stack Installation and Deployment" by Udemy in May 2020.

- Prof. Pranjali Thakre has completed certification on 'Complete Data science and Machine Learning in python 2020' by udemy on May 3, 2020.

- Dr. Rizwana Shaikh, Prof. Masooda Modak, Prof. Kalyani P and Namrata p have successfully completed the online course on Blockchain technology by IIT Roorkee in May 2020.

- Dr. Rizwana Shaikh, Prof. Masooda Modak, Prof. Kalyani P and Namrata p has successfully completed the online course on Blockchain technology full stack implementation by udemy in May 2020.

Publications

- Dr.Varsha Patil has successfully published a paper on ,"Modified CSLBP" in International Journal of Electrical & Computer Engineering (2088-8708).[Scopus indexed journal],August 2019.

- Dr. Varsha Patil has published the paper entitled ,"Adaptive CSLBP compressed image hashing" in International Journal of Electrical & Computer Engineering (2088-8708). Scopus indexed journal,August 2019.

- Prof. Kalyani Pampattiwar, Prof. Masooda Modak, Prof. Namrata Patel have presented paper titled " Preserving Privacy of data in distributed system using homomorphic encryption" in ICACIE 2019 Springer.

- Prof. Ujwala Ravale has published paper titled ," Novel Hybrid Security Model in Cryptography" in UGC approved journal International Journal of Research and Analytical Reviews (IJRAR),Jan 2020.

- Dr. Rizwana Shaikh has published paper titled ," GIS based FIR and SOS System" in International Conference on Intelligent computing and Smart Communication Technologies", Springer, August 2019.

- Prof. Pranita Mahajan has published paper titled ," Text Mining in Healthcare" in International Conference on Data Engineering and Communication Systems ELsevier Scopus, Dec 2019.

- Prof. Prachi Shahane has published paper titled ," High Performance Computing with Machine Learning in Healthcare" in UGC approved journal Journal of Information and Computational Science, Jan 2020.

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- Prof. Sunil K Punjabi has published paper titled ,“ Chat bot Using API : Human To Machine Conversation” in IEEE Global Conference For Advancement   In Technology, Bangalore , Oct 2019.

- Dr. Rajesh Kadu has published paper titled ,“Fraudulent News Detection using Machine Learning Approaches” in in IEEE Global Conference for Advancement in Technology (GCAT-2019), Oct 2019.

- Prof. Masooda Modak has published paper titled ,“ Detection of Dyslexia using Eye Tracking Measures”,in Springer International Conference on International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019.

- Prof. Masooda Modak has published paper titled ,“ Predictive Maintenance Of Heavy ommercial Vehicles Using Machine Learning And Data Analytics ”in UGC approved Journal on International Journal of Information and Computing Science,Jul 2019

- Prof. Anindita Khade has published paper titled ,“ Modelling Customer Behaviour for efficient recommendation systems” ,in UGC Approved Journal International Journal of Research and Analytical Reviews, Jan 2020.

- Prof. Suvarna Chaure has published paper titled ,“ Implementation of Blockchain for Payroll Taxation”, in International Conference on Research and development in Engg and technology ICRDETMS-2019 ISBN-13-9781677031795, Dec 2019.

- Dr. Aparna Bannore has published paper titled “Use of Honeypot to secure IoT Network”, in JETIR - Journal of Emerging Technologies and Innovative Research,July 2019.

- Prof.Anindita Khade published a paper “Booting of Diskless Workstations” in International Journal of Scientific Research in Computer Science,Engineering and Information Technology,Volume 6,Issue 2,April 2020,ISSN:2456-3307

- Prof. Pranjali Thakre has presented a paper ‘A Novel Design for Voice-Enabled Home Automation and Personalized Recommendation System’ in DJICACTA, Feb 2020 which will be published in Springer.

- Prof. Preeti Godbole has published a paper "Suspicious financial activities detection using machine learning", IJRASET (UGC Care), March 2020

7. Seminars/workshops organised by departments:
Seminars/workshops organized by departments

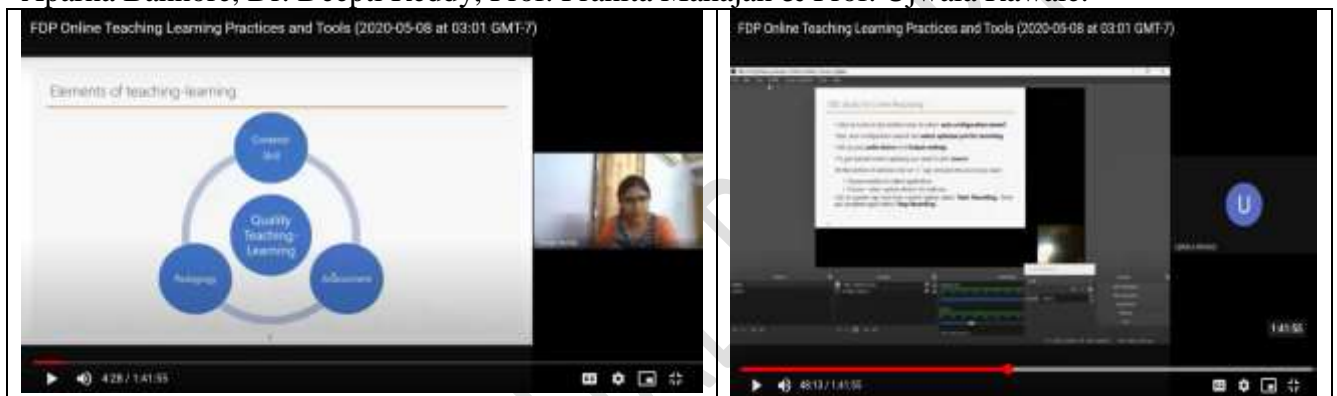### Faculty Development Program

STTP

- Department of Computer Engineering has organized AICTE-ISTE approved Short Term Training Program on “ Cloud computing & High Performance Computing” from

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09/12/2019 to 14/12/2019. Resource person were Dr. Bhushan, from Thadomal Shahani ,Dr. Rizwana Shaikh, Prof. Preeti Godbole, Prof. Prachi Shahane.

- Department of Computer Engineering has organized FDP on "Online Teaching Learning Practices and Tools" from 8/5/20 to 9/5/20 through Google meet by Dr. Aparna Bannore, Dr. Deepti Reddy, Prof. Pranita Mahajan & Prof. Ujwala Rawale.

Workshop

- One day workshop on Linux conducted by Teaching learning centre ICT , coordinated by IIT Bombay under remote centre on 23 Aug 2019.

- One day workshop on R conducted by Teaching learning centre ICT ,coordinated by IIT Bombay under remote centre on 9 Nov 2019.

- Department of Computer Engineering organized workshop on "Bootstrap" on 10th August by Prof. Sunil Punjabi and CSI Council. Total number of participants for the event were 16.

- Department of Computer Engineering organized workshop on "Python" on 31st August by Masooda Modak. Total number of participants for the event were 10.

- Department of Computer Engineering organized workshop on "Django" on 7th September by Girlscript Community. Total number of participants for the event were 18.

- Department of Computer Engineering organized workshop Coding competition on 9th August by CSI Council. Total number of participants for the event were 52.

- E-yantra workshop conducted by prof. Sunil Punjabi for FE/SE students on 31/08/2029.

- Workshop on PC assembly was conducted for SE/TE students on 21/09/2019 under CSI.

Seminar

- Prof. Namrata Patel and Kranti Bade has organized expert talk on " Latest Web Development Technologies" for TE students in Sep 2019.

- Prof. Pranjali Thakre has organized expert talk on " Advanced JAVA" for SE students in Sep 2019.

- Guest Lecture was organized by Prof. Pranita Mahajan on subject Computer Network for TE students on 18/10/2019. Speaker was Mrs Kavya and Team IIT Bomabay.

- Seminar on Technical paper writing for TE/BE students was conducted by Dr. Aparna Bannore and Dr. Rizwana Shaikh in the first week of October 2019.

- Workshop on " Quality Teaching Learning-HOTS" for faculty of CE department by Dr Deepti Reddy and Prof. Preeti Godabole.

- Presentation and report writing skills conducted for TE and BE (Through Meet) : Pranjali, Preeti, Dr. Rajesh K, Dr. Varsha P TE: 29/4/20,30/4/20

Pre Placement Seminar

- Dr. Aparna Bannore , Pranjali Thakre has conducted seminar on "Programming with C Quiz including topics Data types, Control Structure, Pointers" on 16/09/2019.

- Dr. Deepti Reddy has conducted seminar on "Programming with C Quiz Data structure Linked list ,trees" on 17/09/2019.

- Prof. Prachi Shahane has conducted seminar on "Logic building and Coding" on 18/09/2019.

- Prof. Vaishali Bhujade has conducted seminar on "Programming with Java" on 19/09/2019.

- Prof. sunil Punjabi has conducted "Quantitative Aptitude" on 20/09/2019.

SDP

- Department of Computer Engineering conducted Student Development Program with Internship on, "Software Design" in collaboration with IIT Bombay from 16/12/2019 to 20/12/2019.Resource person were Dr. Deepti Reddy, Mr. Prajish P, Mrs. Lakshmi Ganesh, Prof. Sunil Punjabi. Total number of participants for the event were 22. (https://iitbcomputingedresearch.wordpress.com/2019/12/23/software-design-workshop-2019-at-sies-graduate-school-of-technology-navi-mumbai/)

- Department of Computer Engineering conducted Student Development Program with Internship on ,"R Programming" by Dr. Varsha Patil, Prof.Pranita Mahajan,Prof. Masooda Modak, Prof. Anindita Khade, Prof. Prachi Shahane from 02/12/19 to 07/12/19. Total number of participants for the event were 28.

- Department of Computer Engineering conducted Student Development Program with Internship on, "Network Security & Ethical Hacking " by Dr.Aparna Bannore, Prof. Ujwala Rawale, Prof. Suvarna Chaure,Prof. Kalyani pampattiwar, Prof. sunil Punjabi from 16/12/2019 to 21/12/2019. Total number of participants for the event were 17.

- Department of Computer Engineering conducted Student Development Program with Internship on, "Blockchain Technologies & Applications" by Dr. Rizwana Shaikh, Prof. Masooda modak, prof. Kalyani pampattiwar, prof. Namrata Patel from 02/12/19 to 07/12/19. Total number of participants for the event were 25.

- Department of Computer Engineering conducted Student Development Program with Internship on ,"Web Technologies" by Dr Prof. Masooda modak, prof. Kranti Bade, prof. Namrata Patel, Prof. Ujwala Rawale from 04/12/19 to 19/12/19. Total number of participants for the event were 25.

Internship

a.   Abhishek Joshi SE C has Completed internship from 2/12/2019 to 24/12/2019 at JACOBS Engineering India Pvt ltd.

b.   Most of the second and third year students from Computer Engineering Department has completed internship as a part of Student Development Programme.

Seminars/workshops attended by departments

- 18 Faculty members of Computer Engineering department attended the AICTE-ISTE approved Short Term Training Program on "Cloud computing & High Performance Computing" from 09/12/2019 to 14/12/2019.

- Faculty members has attended one day workshop on Linux conduted by IIT Bombay on 23rd August.

- Prof. Prachi Shahane has attended FDP on "High Performance Computing " At RAIT.

- Prof. Prachi Shahane, Prof. Suvarna Chaure Prof. Sunil Punjabi and Prof. Anindita Khade has attended one day "Workshop on How to Make Impact Through Effectivey Communication" on 6th July 2019 and 19th oct 2019 At SIESGST

- Prof. Prachi Shahane, Prof. Suvarna Chaure has attended oirentaton program on "Mobile communicaton and computing " on 11/07/2019 at SAKEC .

- Prof. Pranita Mahajan has attended "Smart Classroom", conducted at the Department of CSE, IIT Bombay, 24-25 June 2019.

- Prof. Pranita Mahajan has attended one day Coordinators' Workshop on Linux - 3 August 2019, under ICT, IIT Bombay.

- Prof. Pranita Mahajan has attended one day Coordinators' workshop on R Programming ", 12 Oct 2019, under ICT, IIT Bombay.

- Prof. Ujwala Ravale has attended one day workshop on R Programming - 12 Oct 2019, under ICT, IIT Bombay.

- Prof. Preeti G attended the syllabus setting meeting for DL-COA conducted by Datta Meghe college of Engineering, on 25/2/2020.

- Prof.Anindita Khade Attended Orientation program on Big Data Analytics in DBIT on

- 15/07/2019

- Prof.Anindita Khade organized and attended the syllabus setting meeting for DBMS conducted in SIES GST on 03/03/2020

- m. Prof. Masooda Modak Attended Orientation program on "Cloud Computing Laboratory " in K,C,   College of Engineering on 17/01/2020.

- n.Prof.Masooda Modak was part of the organizing team and attended the syllabus setting meeting for DBMS conducted in SIES GST on 03/03/2020

Online Teaching -Learning (08/04/20 to 17/05/20)

- In the pandamedic situation, the department organized the lectures and practicals in online mode using GoogleClassroom and Hangout Meet. Online schedule was well received by the students and for 45 days they were imparted with the subject knowledge from 08/04/2020 to 17/05/2020. Various online classes and activities conducted by the department . Practicals conducted

- Practicals for the various subjects were conducted by providing videos of practicles,using simulators and using virtual classroom and Zoom virtual laboratory.Usage of various tools like Google meet ,Camtesia, screencast o tic,Openboard,JamBoard , kahoot etc was been used.

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Annual Report Format (for website) Version 1.0