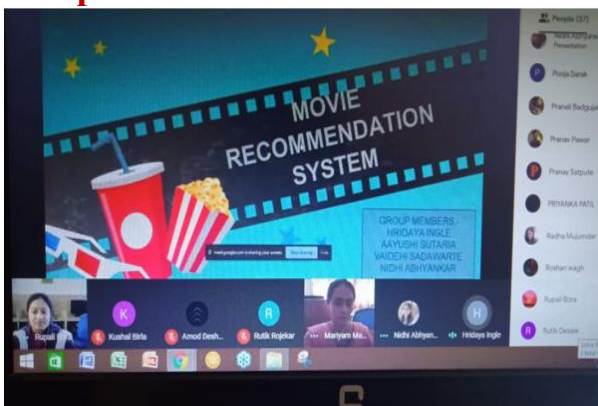## ■ Online Database Mini Project competition

The Department of Computer Engineering organized an "Online Database Mini Project competition" on 1st December 2020 at 2.00pm to 6.00pm for third year Computer Engineering students. Prof. Poonam Fegade, Asst. Prof. MCA, KKWIEER, Nashik and Ms. Kasturi Admane, Persistent Systems were judges for the competition. Total 15 groups participated in the competition and gave demonstrations of their mini project. The projects are from various domains such as Inventory, Health Care, Crime management, Event Management, Recommendation System, Grocery Store, Online Book store etc. Four winners were announced in the competition. Judges greatly appreciated efforts and work done by the students. The competition was coordinated by Prof. S. K. Gondhalekar and Prof. I. Priyadarshini under the Guidance of Prof. Dr. S. S. Sane.
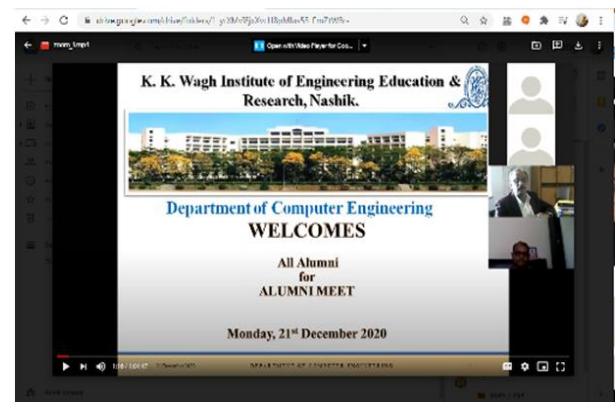
■ Online Skill Development Mini Project competition on 4th December 2020

The Department of Computer Engineering organized an Online Skill Development Mini Project competition on 4th December 2020 for third year

Computer Engineering students. Prof. M. E. Maniyar, Asst. Prof. MCA, KKWIEER, Nashik and Ms. Prof. R. M. Bora Asst. Prof. IT were judges for the competition. Total 12 groups registered in the competition and gave demonstrations of their mini project. The projects are from various domains such as Chatbots, Inventory, Health Care, Recommendation System, Data Analysis, games etc. Three winners were announced in the competition. Judges greatly appreciated efforts and work done by the students. The competition was coordinated by Prof. K. P. birla and Prof. R.H. Jadhav under the Guidance of Prof. Dr. S. S. Sane

■ Online Alumni meet on 21st December 2020

Online Alumni meet was organized by department of computer engineering on 21st December 2020 at 3.00pm. Meeting was conducted in two phases as Institute level and Department level. Second phase started with the presentation of the Department of Computer Engineering at a glance by Prof. Dr. S. S. Sane. There were around 50 participants including Alumni and Faculty of the Department and the faculty. There was interaction between current students and Alumni. Some questions were raised by the current students which were put forth through the representative Mr. Shreyas Kalvankar. Mr. Suchit Tiwari, CEO, Cognifront, Mr. Raj Shekar, Director of Technology Innovation at ACS Technologies Ltd., Mr. Pansare and Mr. Manoj P etc attended an alumni meet. Alumni expressed their gratitude towards college and faculty members. Then Mr. Suchit Tiwari gave suggestions as alumni mentorship for current students and asked to build ethics in current students.. Mr.Rajshekhar also asked to give an opportunity to start a technology incubation and entrepreneurship program. Meeting was ended with a vote of thanks by Prof. Seema Gondhalekar.
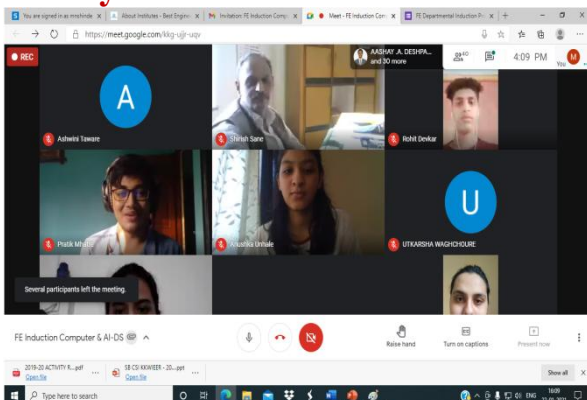
Sameer Rathod, student of computer engineering department of BE-B received a Scholarship for one of the Nano degree Courses (Phase 1 & 2) from Bertelsmann Company with Artificial Intelligence and Deep Learning course domain. Udacity is one of the leading platforms for the online nano degree Program.

Mr. Prakash Kalavadekar, research scholar of department of Computer engineering of K. K. Wagh Institute of Engineering Education & Research, Nashik successfully defended his online PhD Viva under guidance of Prof. Dr. S. S. Sane.

Department of Computer Engineering Students, Durgesh Pachghare, Pranjal Mulane, Mayur Deshmukh, Pranesh Dhake, Andrew Kamble, Abiali Husain participated in final round of AICT Smart India Hackathon SIH 2020 for project titled "Network of Autonomous Drones – Aided Disaster Emergency Assistance"

An online meeting of the Departmental Advisory Board was held on Thursday, 24th December 2020 at 2.30pm in the Computer Department via Zoom. Dr. Rupali Kulkarni, Training Head, SWSFSPL, Nashik, Mr. Mahesh Rasal, Co-Founder, The WISE, Nashik, Mrs. Aparna Kale, Co-Founder, Watermelon Tech, Nashik , Ms. Dipti Kasliwal, Final Year Student, Mr. Adwait Gondhalekar, Third Year Student, Mr. Kochhar Hargun Singh, Second Year Student and faculty were present in the meeting.

■ FE Induction programme" on 22nd January 2021

The Department of Computer Engineering organized a "Departmental FE Induction programme" on 22nd January 2021 at 1.30 pm for First year Computer Engineering and Artificial Intelligence and Data science students. Dr. S. S. Sane and Dr. S. M. Kamalapur introduced about department to students, Asst. Prof. S. M. Malao informed about curriculum. Prof. N.G.Sharma and Prof. R. H. Jadhav informed about T & P activities. Asst. Prof. S. K. Gondhalekar informed about Alumni & Mentoring, Asst. Prof. C. R. Patil informed about Debuggers club and activities. Asst. Prof. A. V. Kolapkar and Asst. Prof. K. P. Birla informed about CSI Student Branch and REDx club. Asst. Prof. M. N. Shinde informed about NPTEL courses and Asst. Prof. I. Priydarshini informed about Dept. Library Facility. Asst. Prof. M. N. Shinde gave vote of thanks.

Kushal Dogra and Shubham Dhanwat, currently in SE-B Computer Dept received silver medal in NPTEL "The Joy of Computing Using Python" course.

Ms. Vaishali Tidke our alumni and ex-faculty of computer department successfully defended her PhD Viva under guidance of Prof. Dr. S. S. Sane

■ 5-Days National Level Online Workshop on "Quantum Computing"

5-Days National Level Online Workshop on "Quantum Computing" was conducted from 2nd February 2021 to 6th February 2021 by department of Computer engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik, in association with Aress Software and Education Technologies Pvt. Ltd. for faculty, Ph.D Research Scholars, UG, PG students from Educational Institutions in India / Abroad and Professionals from Industries / Research labs. Resource Person were Prof. Dr. Bhanu Das, Professor, Tokyo Institute of Technology, Japan, Prof. Dr. Sachin Kadam,

Director-ICT, Bharati Vidyapeeth University, Pune, Prof. Dr. Sunil R Patil, Associate Prof., Institute of Science, Nagpur, Mr. Amit Saxena, Program Director, C-DAC, Pune, Er. Manoj B Bhatkar, VP – IT, AnandRathi IT Pvt. Ltd, Prof. Dr. Bibhash Sen, Associate consultant, NIT, Durgapur, WB, Prof. Dr. Nisheeth Joshi, Professor, Banasthali , University, RJ, Prof. Dr. Siddhartha Bhattacharyya, Professor, Christ University, Bangalore, Prof. Jayanta Pal, Tripura University, TR, Mr. Bikash K. Behera Founder, Director of Bikash, Dr. Ankur Raina, IISC Banglore & Research Specialist, Univ. of Arizona, Arizona, US.

Riya Vinay Jain, Reva Milind Kulkarni, Tejas Pradeep Shirsath, Nishant Bhimrao Surwade (FE student) from Artificial Intelligence & Data Science branch were selected for the GMRT Virtual Science Exhibition from among 700 students which was organized by GMRT (NCRA - TIFR), Pune and Indian Institute of Knowledge, Pune

Pranav Shimpi and Sameer Rathod from BE of Computer Engineering, KKWIEER selected as facilitator of Google Cloud Facilitator program from Google.

Ms. Ashwini Pal from BE computer Engineering, KKWIEER received 1st in CSI regional Essay Competition in College Category.
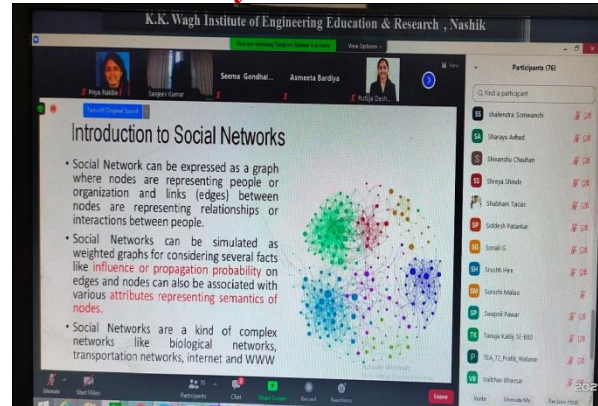
Mr. Roshan Wagh from TE computer Engineering received 2nd Prize in CSI regional Essay Competition in College Category.

Prof. Priya Rakibe received 2nd prize in CSI regional Essay Competition in Professional Category.

Internships Opportunity for Two students has been offered in Quantum Computing.

41 students and 18 students were registered for Honor degree course named "Data Science" and "AI & ML" respectively.

■ Expert lecture on "Python for Social Network Analysis"

An online expert lecture on the topic "Python for Social Network Analysis" was organized by Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik on 12th March 2021 at 02.45pm. The session was conducted by Er. Shano Solanki, Assistant Professor, CSE, NITTTR, Chandigarh (Established by Ministry of HRD, Govt. of India). The session was coordinated by Prof. P. D. Rakibe under the guidance Prof. Dr. S. S. Sane, Head, department of Computer Engineering, KKWIEER, Nashik.

■ Expert lecture on "issues/problems facing during mentoring sessions"

An expert lecture on the topic "Issues/problems facing during mentoring sessions" was organized by Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik on 15th March 2021 at 02.00pm. The session was conducted by Dr. Ms Pratibha M Chandak. The session was coordinated by Prof. S. K. Gondhalekar
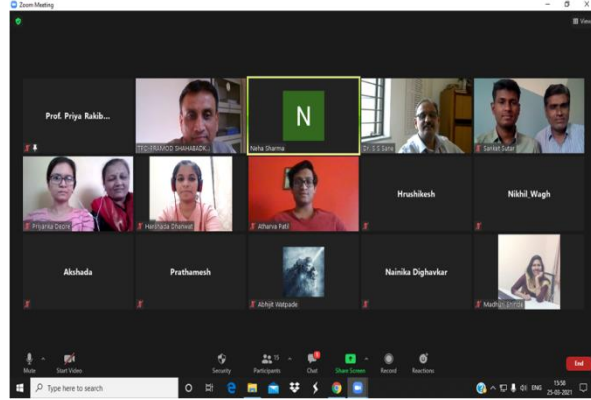
under the guidance Prof. Dr. S. S. Sane, Head, department of Computer Engineering, KKWIEER, Nashik.

Prof. P. D. Rakibe delivered talk on "Rise of Woman, Learning's during Pandemic" on occasion of Woman's Day Celebration organized by K. K. Wagh Vidyabhavan and Junior College, Bhausaheb Nagar, Tal. Niphad, Dist. Nashik on 8th March 2021.

Prof. Dr. S. S. Sane delivered an expert lecture on "NAAC guidance" organized by K. K. Wagh Arts,Commerce, Science & Computer Science College, Saraswati Nagar, Adgaon Road, Panchavati, Nashik on 26th March 2021 at 04.00 pm.

Online Felicitation of Placed Students along with parents was organized by Department of Computer engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik on 18th, 23rd and 25th March 2021. Students placed in Hexaware Technologies, Teitto Evry, Josh Software, Birlasoft, Infosys InfitiQ, Aress Software, TCS Digital, Eternus Solution, BluePineapple, Jio Platforms, Amdocs, FINIQ, TCS Ninja Company. It was coordinated by Prof. N. G. Sharma and Prof. R. H. Jadhav under guidance of Prof. Dr. S. S. Sane Head, department of Computer Engineering, KKWIEER, Nashik.

Deore Priyanka Nitin, Aher Abhishek Girish from Department of Computer Engineering were qualified in GATE 2021 with rank 637 and 353 respectively.

Dhanajay Kanade and Vinay Surywanshi, Assistant Professor of department of Computer engineering has successfully certified AWS as Cloud Practitioner.

Shweta Jadhav and Madhuri Shinde, Assistant Professor of department of Computer engineering has successfully certified NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT-2021) of module "Orientation towards Technical Education & Curriculum Aspects".

Rushikesh Sanjay Patil from SE-A of department of Computer engineering selected as Internshala Student Partner (Internshala Campus Ambassador) by Internshala.

Two BE Computer students Pranav Shimpi, Sameer Rathod and Prof. K.P.Birla received Google Facilitator Badge. More than 350 students from college have shown active response to the Google cloud Training certificate Courses.

#GoogleCloudReady

Pranav Shimpi
KK Wagh Institute of Engineering
Education and Research, Nashik

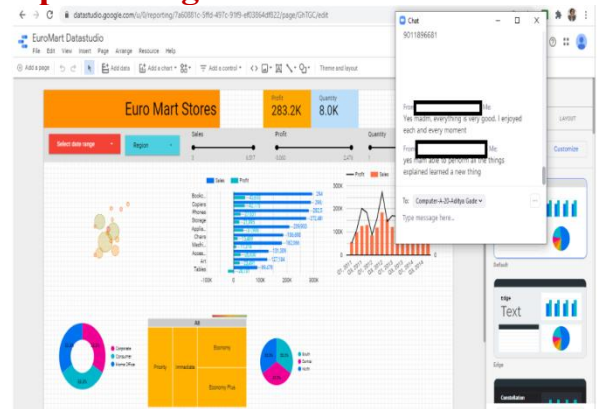Google Cloud Ready
Facilitator program

#GoogleCloudReady

Sameer Rathod
KK Wagh Institute of Engineering
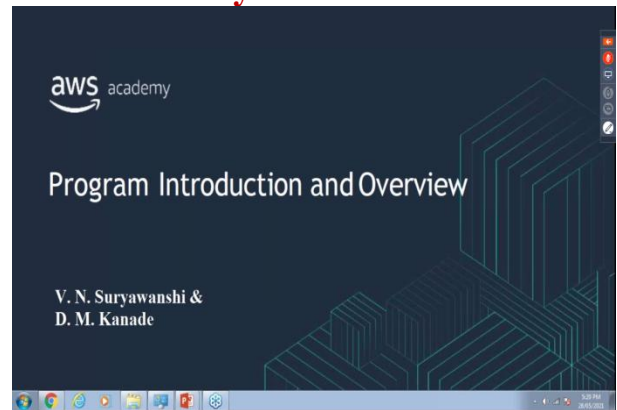Education and Research, Nashik

Google Cloud Ready
Facilitator program

Prof.Smita Patil, Assistant Professor of department of Computer engineering have certified in Coursera courses named Introduction to Data Analysis Using Google Spreadsheet and Create a Website Using Wordpress : Free Hosting & Sub-domain

Rakhi Palde, Technical assistant of department of Computer engineering have certified in Coursera courses named Introduction to Google Docs and Initiation à Google Drive

Jayashree Rahatal, Technical assistant of department of Computer engineering have certified in Coursera courses named Initiation A Google Drive, Programming for Everybody (Getting Started with Python), Build training website using google site and Introduction to google docs

■ Online Hands-on Training Course was conducted for Students of Third Year on topic "Google Data Studio"

Online hands-on workshop on "Data Visualization" was conducted by Dr. R. D. Kulkarni, Adjunct Professor of the department on 22nd May 2021. The course included the training on tool "Google Data Studio". Initially, elaboration on the need of Data Visualization and the demand of this skillset in the industry was discussed so that students get the proper insight of objective behind the conduction of the said workshop. The workshop covered various features of the tool like: concept of dashboards, creating data dashboards using various info graphics, use of report-wide controls and finally using and deploying the dashboard. Total 21 students attended the workshop.

■AWS Academy Cloud Foundation course

Online session on "**AWS Academy Cloud Foundation course**" was conducted on wednesday 26/05/2021 at 5 pm. **Prof. Dr. S. S. Sane** given the introduction of the AWS academy and its importance for the Job opportunities with students. Then **Prof. V. N. Suryawanshi** had briefed about the AWS Cloud Foundation Course, its curriculum with the students. Finally question answer session was conducted in

which **Prof. Sane, Prof. Surywanshi and Prof. Kanade** answered the queries raised by students. Nearly 100 students were attended the session.

Virtual Interaction of juniors (SE Students) with Placed Seniors (BE Students) in department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik) was conducted on 27th May 2021 at 3.00 pm in DSA Lab Sessions. The objective of the event was to introduce students about the placement process, and convey to them the importance of Data Structures, other fundamental and Lab Courses and Programming in the Placement process and skills required to get a higher package. Mr. Shreyas Kalvankar placed in FinIQ, Ms. Apurva Wani and Ms. Kavita placed in TIAA from BE Computer participated in interaction session and guided SE students about Placement Process (Rounds, About package) , Criteria and Technical Round, Importance of Fundamentals for placement, Importance of Coding Practice and different sites, mini/major projects etc.

■ **admission counseling session for Direct Second year**

Online **admission counseling session for Direct Second year** was conducted on **28**[th] **May 2021** at 3:00 pm by the **Department of Computer Engineering**, K. K. Wagh Institute of Engineering Education and Research, Nashik. The target audiences were students of Computer Engineering and Information technology branch of **K K Wagh Polytechnology, Nashik** and parents. The Session started with a welcome speech by **Prof. J. R. Mankar. Prof. Dr. S. M. Kamalapur** then briefed about K. K. Wagh Educational Society. **Prof. P P Vaidya** briefed about the Computer Engineering department. **Prof. Dr. S. S. Sane, Head, Department of Computer Engineering** addressed the audience on Carrier after Diploma at Departments of Computer Engineering and AI-DS. During the session, **Ms.Gautami Dhoke**, an alumina of Department of computer Engineering shared her experience about the college and **Ms. Dipti Kasliwal** , a current final year student of the computer engineering department also shared her experience about the department and college. In the session around 220 participants were present. The session was coordinated by **Prof. Dr. S. S. Sane, Prof J. R. Mankar , Prof.A V Kolapkar** along with staff members of the Computer Engineering department and anchored by **Prof. N. M. Pagare**. **Prof. A V Kolapkar** proposed a vote of thanks for the session.

Dipti Kulkarni alumna of computer department of engineering has been selected in the 100 Ethnic Minority Future Leaders List supported by Yahoo Finance alongside many great leaders.

Dipti Kulkarni, vice-president, senior business support manager, Bank of America

Sameer Rathod student of department of Computer engineering has successfully completed Nano Degree program, UDACITY in the domain of "AI Product Manager"

Dr. Snehal Kamalapur has served as session chair in "cPGCON-2021" held on 7th & 8th May 2021 at Department of Computer Engineering, Smt. Kashibai Navale College of Engineering. PUNE

Dr. S. S. Sane has served as resource person for 5 days FDP on "Research Skills Development" arranged by the department of Information Technology, MVPS's KBT College of Engineering, Nashik.

Dr. S. S. Sane has appointed as External Expert Member on the Research Recognition Committee (RRC) of MCA of Jawaharlal Nehru Engineering College which is a constituent college of MGM University, for recognition to Ph. D. guide/Supervisor in the discipline of Engineering and Technology.

Seminars/Workshop/Training attended by staff:

- Prof. C. R. Patil, Prof. S. K. Gondhalekar, Prof. S. T. Patil, Prof. N. M. Pagare, Prof. S. D. Jadhav, Prof. M. N. Shinde, Prof. G. R. Gupta, Prof. P. D. Rakibe attended AICTE-ISTE Sponsored One Week Induction / Refresher programme on Role of ICT in Teaching Learning Process from 14th December to 19th December 2020.
- Prof. G. R. Gupta, Prof. N. M. Pagare attended Two Week Online FDP under AQIS 2019-2020 on "Emerging Trends in Deep Learning and Its Applications" from 23rd November to 5th December 2020.

- Prof. C. R. Patil,, Prof. G. R. Gupta, Prof. N. M. Pagare attended AICTE sponsored One Week Short Term Training Programme on "Blockchain and its Applications" from 30th November to 05th December 2020, 14th December to 19th December 2020.
- Prof. Dr. S. M. Kamalapur attended One Day Online FDP on "Project Based Learning II" on 22nd January to 22nd January, 2021.
- Prof. P. P. Vaidya attended on 13th January to 13th Janury, 2021.
- Prof. R. H. Jadhav, Prof. I. Priyadarshini, Prof. N. G. Sharma attended AICTE Training And Learning (ATAL) Academy FDP on "Machine Learning and Pattern Recognition" from 18th January to 22ndJanury, 2021.
- Prof. A. V. Tavare attended AICTE Training And Learning (ATAL) Academy FDP on "Artificial Intelligence" from 11th January to 15th January, 2021
- Prof. M. J. Patil attended One Week Online Faculty Development Program on "Research Trends in Computer Engineering and Information Technology (RTCEIT-2021)" from 4th January to 9th January, 2021.
- Prof. Priya Rakibe attended E-quiz on Cyber Security Awareness, Modern College of Engineering, Pune on 22nd February, 2021.
- Prof. Anand Kolapkar attended 3 Days FDP on "Role of Machine Learning & Artificial Intelligence in Data Analytics from 24th to 26th March 2021.
- Prof. I.Priyadarshini, Prof. N. G. Sharma attended Machine Learning Master Class from 19th April, 2021 to 23rd April, 2021.
- Prof. N. G. Sharma attended FDP on AI ML from 18th April, 2021 to 20th April, 2021.
- Prof. P. P. Vaidya, Prof. J.R. Mankar attended FDP on "Advancement of Intelligent System and Computation" from 20th April, 2021 to 24th April, 2021.
- Prof. N. M. Pagare attended One Week Virtual STTP on "High Performance Computing Using Parallel, Distributed and Cloud Computing (HPCPDC2)" from 26th April, 2021 to 1st May, 2021

- Prof. P. S. Kubal, Prof. R.K.Durjad attended FDP on "Social, Media, Analytics and Cloud" from 26th April 2021 to 30th April 2021.
- Prof. A. D. Dixit attended Build a face recognition Application Using Python on 25th April,2021.
- Rakhee Palde, Poonam Shete, Priti Vaidya, Malti Barve attended 5 day workshop "Role of Supporting Staff in NBA Accreditation Process and Self Development" from 10th May to 14th May 2021.
- Smita Patil, Priya Rakibe attended 3 days FDP on "Recent Trends in wireless communication Technology" from 27th May to 29th May 2021.
- Smita Patil attended 3 days online workshop on "Cyber Security" from 17th May to 19th May 2021.
- Smita Patil, Priya Rakibe attended Three days FDP on "Innovative Teaching Learning Methods" from 10th May to 12th May 2021.
- Priya D.Rakibe attended One week FDP on "Introduction to MOODLE for teaching learning process" from 17th May to 22nd May 2021.
- Namrata M. Pagare attended 6 days "Deep Learning Tools & Applications in Engineering & Science" from 10th May to 15th May 2021.
- Megha Patil attended 5 days online FDP on "Artificial Intelligence" from 24th May to 28th May 2021.
- P. S. Kubal attended STTP on Practical Exposure on Machine Learning and Data Science from 26th April 2021 to 1st May, 2021.
- Prof. S. M. Malao attended Online workshop on "NBA Awareness" from 11th May 2021 to 14th May 2021.
- Reshma K. Dhurjad attended Online Workshop on Research Development and Innovation Ethics from 17th May to 19th May 2021
- Reshma K. Dhurjad attended One day Webinar on 'Stress Management' on 23rd May 2021.

Papers Presented by Staff and Student

Title of Paper: A System for Preventing Covid-19 by Automated Temperature Sensing and Social Distancing

Author: Vaishali S. Tidake, Shirish S. Sane

Abstract: The main aim of the product is to help maintain social distancing and screen people entering the company at the entrance. While some western, traditional or home remedies may provide comfort and alleviate symptoms of mild COVID-19, there are nomedicines that have been shown to prevent or cure the disease. As for now there is only 1st phase dose specific vaccine or treatment for COVID-19, this project is surely useful when it comes to prevention from the disease.
Keywords: Social distancing, temperature detection, covid-19, corona virus, pandemic, prevention.