TELE-CONVERSE

Bi-annual Newsletter

OF

ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

Contents

List of Faculty/Staff Members in the Department

Faculty Members

1. Prof. (Dr.) Sharada V. Chougule (Associate Professor)
2. Prof. Giri S. Kulkarni (Associate Professor)
3. Prof. Mansi S. Kolwankar (Assistant Professor)
4. Prof. Sujay D. Mainkar (Assistant Professor)
5. Prof. Suhasini S. Goilkar (Assistant Professor)
6. Prof. Rashmi R. Kulkarni (Assistant Professor)
7. Prof. Neha S. Sakhalkar (Assistant Professor)
8. Prof. Vinayak D. Chavan (Assistant Professor)
9. Prof. Asmita A. Chavan (Assistant Professor)
10. Prof. Vijay M. Galshetwar (Assistant Professor)
11. Prof. Saurabh S. Athalye (Assistant Professor)

Staff Members

12. Mr. Sandip R. Pardule
13. Mr. Paresh Sambare

Vision

To develop competent professionals who will be able to contribute effectively to the advancing electronics & telecommunication technologies.

Mission

- To provide quality education through practical knowledge and technical
- skills. To strengthen industry interaction to meet current and future trends.
- To inculcate teamwork spirit, leadership qualities and human values.

Program Specific Outcomes (PSOs)

- Students will be able to showcase knowledge gained in the domains of communication engineering, signal processing, RF/microwave engineering, semiconductor technology, digital and embedded systems.
- Gain awareness regarding design skills, software packages and telecom standards.

Highlights of the Department

- Intake of 60 students
- Well qualified Teaching faculty and experienced La assistant
- 08 Spacious Laboratories
- State of the art Equipment / instruments
- Plenty of electronic components and consumables
- 55 PCs with good configuration
- Well Equipped PCB Design Lab
- Seminar Hall
- LCD Projector
- Departmental Library with approximately 200 titles
- Regular conduction of workshops and Competitions
- Alumni placed worldwide in renowned companies like IBM, Infosys, Tech-mahindra, L&T-Infotech, Capgemini, Cognizant, TCS, Vodafone, Flex etc.
- Alumni working as Entrepreneurs

Programs organized by the Department

1. A Workshop on Web Development and Software Testing

The department of Electronics and Telecommunication arranged an Expert Talk and a Workshop in collaboration with Qspiders Pune, on Web Development and Software Testing from 20th August 2020 to 04th September 2020.

Initially, the team members of Qspiders Pune conducted two days online expert talk on the Current Trends in Information Technology, Job opportunities as a Software Developer, Software Testing and Automation in Software Testing on 20 and 21 August 2020. The importance and applications of various programming languages like Java, Python , SQL was discussed. In the two days session, the industry experts guided on choosing a proper career path to work in the software field. The students of TE and BE EXTC attended these sessions. The session received good response from students.

Followed by the two days session, a workshop was conducted by Qspiders team from 24 August to 04 September 2020 on the topics like software testing, web development, programming with JAVA, Python, etc. A total of 15 students from TE EXTC attended this workshop which helped them to gain detailed knowledge in programming, testing, and automation and it's industrial applications.

The workshop was referred by Mr. Suraj Sawant, alumnus of EXTC department. He was placed in Qspider through FAMT Campus placement drive in 2018 and is currently working with Qspider as a Software Development Engineer in Testing.

The workshop was co-ordinated by Prof. M. S. Kolwankar under the guidance of Dr. Sharada V. Chougule, HoD EXTC and with valuable support of Principal, Dr. Kaushal Prasad.

One of the presentation slide captured during the workshop session

2. Two-day Training Program on Raspberry Pi and IoT

Department of Electronics and Telecommunication Engineering organized a "Two days Training Program on Raspberry Pi and IoT" on 9th and 10th November 2020 for Third Year and Final Year students. Mr Niraj Kapase, Assistant Professor, DKTE Ichalkaranji, was the resource person for this training program. He has completed M.S. in Mobile and Satellite Communication from University of Surrey, UK.

The program was inaugurated by Dr S. V. Chougule, HOD E&TC. She welcomed and introduced the resource person.

Following topics were covered in the training program:

1. Different models of Raspberry Pi
2. Installation of OS and configuration of Raspberry Pi
3. Interfacing of LED, LCD, Seven segment display
4. Interfacing of various sensors like IR sensor, PIR sensor, Ultrasonic Sensor etc
5. IoT applications

The program was conducted using Google Meet platform. It was attended by 62 students from E&TC, IT and Electronics branch. The training program helped students to become familiar with Raspberry Pi and its applications in IoT. The Training program was coordinated by Mr V. D. Chavan (Asst. Prof. E&TC) under the guidance of Dr. Sharada V. Chougule, HoD EXTC.
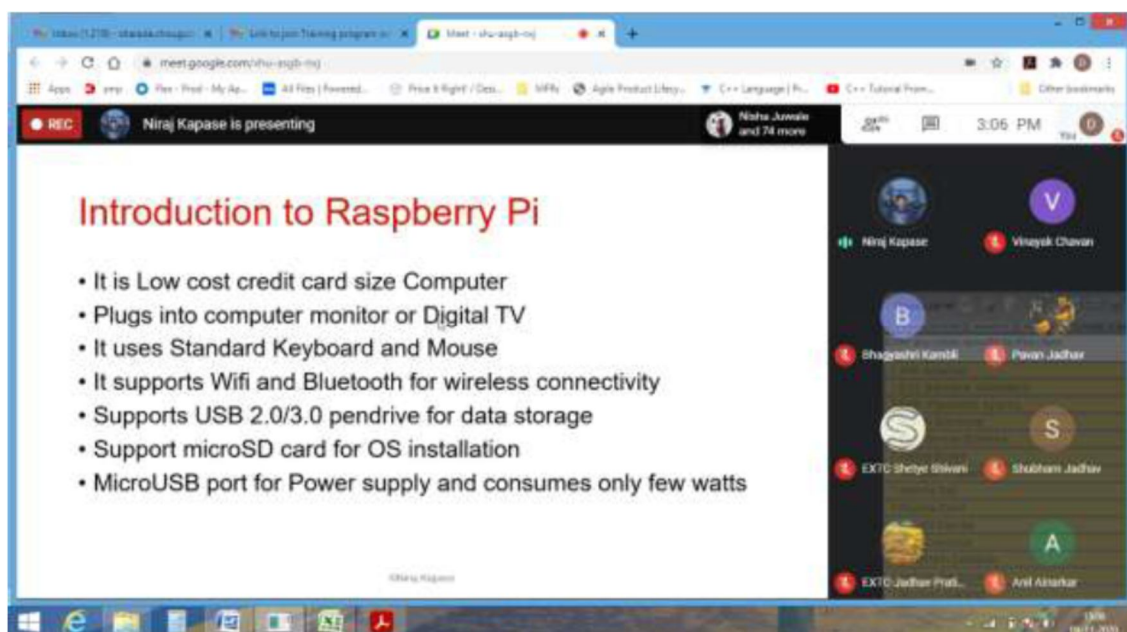
One of the presentation slide captured during the session of the workshop

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Resource person Mr. Niraj Kapase interacting with participants during the session

Resource person Mr. Niraj Kapase demonstrating the concept to participants during the session

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Faculty Achievements

1. /Prof. Dr. S. V. Chougule published a paper titled 'Aquatic Farm Monitoring System' in International Journal of Scientific Research in Engineering and Management (IJSREM), Vol.4, Issue 8, August 2020.

2. /Prof. Dr. S. V. Chougule successfully completed Five days FDP program on "Machine Learning using Python" from 10 August 2020 to 14 August 2020, organized by Sinhagad Technical Education Society in association with ATS Learning Solutions.

3. /Prof. Dr. S. V. Chougule successfully completed One week AICTE-ISTE approved STTP on 'Outcome Based Education and NBA' from 29 June to 03 July 2020, organized by L R Tiwari College of Enginnering.

4. /Prof. Dr. S. V. Chougule successfully completed International FDP on 'Research Methodologies and Techniques' from 04/07/2020 to 05/07/2020, organized by Sandeep Institute of Enginnering and Management, Nashik.

5. /Prof. Dr. S. V. Chougule successfully completed Five days online FDP on 'Research in Engineering, A Way Forward' , from 06/07/2020 to 10/07/2020, organized by A P Shah Institute of Technology, Thane.

6. /Prof. Dr. S. V. Chougule successfully completed 12 weeks online NPTEL Course on 'NBA Accreditation and Teaching Learning in Engineering (NATE)' from July 2020 to October 2020.

7. /Prof. Dr. S. V. Chougule successfully completed One week online hands on workshop on" Real Time Computer Vision Applications using Python with webcam" from 16 to 21 August 2020, organized by Shri Sant Gajanan Maharaj College of Engineering ,Shegaon.

8. /Prof. Dr. S. V. Chougule attended online orientation program on Skill Lab: C++ and Java Programming ECL304, Revised 2019'C scheme of second year semester III, EXTC Department, on 11 July 2020 organized by VPPCOE Mumbai.

9. /Prof. Dr. S. V. Chougule attended an online orientation program on Skill Lab: Python Programming ECL404, of revised 2019'C scheme of second year semester IV, EXTC Department, on 17 February 2021 organized by Terna Engineering College, Navi Mumbai.

10. /Prof. Dr. S. V. Chougule attended one day symposium (online panel discussion) on "Beyond the Pandemic: Knowledge, Recession and much more" on 9th August 2020 organized by RGIT Mumbai.

11. /Prof. Dr. S. V. Chougule attended webinar on 'How to use Microsoft Teams effectively for Education' on 10th August 2020 organized by LLAGT.

12. /Prof. Dr. S. V. Chougule attended four days industrial webinar on 'Internet of Things and Raspberry-pi programming' on 17th July 2020 conducted by Electrowings Services Ichalkaranji.

13. /Prof. Dr. S. V. Chougule attended webinar on 'Carrier Opportunities after Engineering Education: A broader perspective for students and parents' on 20 July 2020 organized by LLAGT.

14. /Prof. Dr. S. V. Chougule attended webinar on 'Machine Learning using Matlab' on 13 July 2020, organized by SR Group of Institutions, Jhansi in association with DesignTech Systems Pvt. Ltd.

15. /Prof. Dr. S. V. Chougule attended webinar on 'Artificial Intelligence (AI) and Machine Learning (ML)' on 6th July 2020 organized by LLAGT.

16. /Prof. Dr. S. V. Chougule attended webinar on "Women's Prowess 2020" organized bu IsquareIT Pune.

17. /Prof. Mansi S. Kolwankar published a paper titled 'Speech Recognition Based English To Marathi Translator' in International Journal of Research and Analytical Reviews (IJRAR), Volume 7 Issue 4 , Date of Publication: November 2020 2020-11-04 00:47:28.

18. Prof. Sujay D. Mainkar participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 24th To 28th August 2020 at St. Joseph's College of Engineering.

19. Prof. Sujay D. Mainkar has successfully completed ISTE approved Online/SF-STTP/FDP programme on "Research in Engineering" held during 6th To 10th July 2020 organized by A.P. Shah Institute of Technology, Thane.

21. Prof. Sujay D. Mainkar has successfully completed TEQIP-III sponsored interdisciplinary online faculty development program on 'Teaching Learning Processes for beginers during COVID19 pandemic' from 14th To 19th July 2020, held at Department of Mechanical Engineering, VNIT Nagpur.

22. /Prof. Rashmi R. Kulkarni presented and published a paper titled 'Identifying Most Influential Personality using directed graphs with Embedded Approach' in 2020 International Conference for Emerging Technology (INCET) in June 2020. This paper was published in IEEE Xplore on 3rd August 2020.

Student's Achievements

1. Mr. Inayat Ibrahim Wasta, Mr. Maaruf A. Razzak Phansopkar, Mr. Sameer Babu Gawade published a paper titled 'Aquatic Farm Monitoring System' in International Journal of Scientific Research in Engineering and Management (IJSREM), Vol.4, Issue 8, August 2020.

2. 222 students of the department have completed online certification courses through **Coursera** for Campus. Coursera is an American massive open online course provider founded in 2012 by Stanford University computer science professors Andrew Ng and Daphne Koller. Coursera works with universities and other organizations to offer online courses, certifications, and degrees in a variety of subjects.

Campus Placements of the department

Sr. No.	Name of the Student	Name of the Company
1.	Tejas Sarpotdar	TCS
2.	Supriya Naik	TCS
3.	Adittyaa Varadkar	Tech Mahindra
4.	Chetana Agre	Flex
5.	Rachana Parhate	Flex
6.	Puja Patekar	Flex
7.	Saurabh Tendulkar	Qspider

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Mr. Saurabh S. Athalye
Assistant Professor (EXTC)

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