

HOPE FOUNDATION'S  
FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI



(APPROVED BY AICTE, RECOGNIZED BY DTE AND AFFILIATED TO MUMBAI UNIVERSITY)

# *TELE-CONVERSE*

Bi-annual Newsletter  
OF

ELECTRONICS AND TELECOMMUNICATION  
ENGINEERING DEPARTMENT

*VOLUME 7, ISSUE 1, (1 JANUARY 2023 - 30 JUNE 2023)*



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## List of Faculty/Staff Members in the Department

### Faculty Members

1. Dr. Sharada V. Chougule (Associate Professor)
2. Prof. Giri S. Kulkarni (Associate Professor)
3. Prof. Amol R. Sutar(Assistant Professor)
4. Prof. Mansi S. Kolwankar (Assistant Professor)
5. Prof. Sujay D. Mainkar (Assistant Professor)
6. Dr. Suhasini S.Goilkar (Assistant Professor)
7. Prof. Neha S. Sakhalkar (Assistant Professor)
8. Prof. Vinayak D. Chavan (Assistant Professor)
9. Prof. Vijay M. Galshetwar (Assistant Professor)
10. Prof. Madhura K. Zagade (Assistant Professor)
11. Prof. Gauri S. Bhosale (Assistant Professor)
12. Prof. Saurabh S. Athalye (Assistant Professor)

### Staff Members

13. Mr. Sandip R. Pardule
14. Mr. B. M. Biradar

## 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 Educational Objectives (PEOs)

<b>PEO 1</b>	Integration of knowledge	Integrate fundamental knowledge in mathematics & basic engineering sciences to solve real life technical problems.
<b>PEO 2</b>	Implementation and testing	Train students to understand the concepts of simulation, synthesis, implementation and testing to create and analyze different projects in the various fields of Electronics & Telecommunication engineering.
<b>PEO3</b>	Ethics and Human values	Nurture students for effective communication, cultured mannerism, ethical values, and teamwork and entrepreneurship skills.
<b>PEO4</b>	Professional development	Encourage professional development including higher education to produce graduates who will pursue lifelong learning.

## Program Specific Outcomes (PSOs)

<b>PSO1</b>	Utilization of Domain specific knowledge	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.
<b>PSO2</b>	Awareness and adaptability to recent trends	Gain awareness regarding design skills, software packages and telecom standards.

## Highlights of the Department

- ❖ Intake of 60 students
- ❖ Well qualified Teaching faculty and experienced Lab assistant
- ❖ 08 Spacious Laboratories
- ❖ State of the art Equipment / instruments
- ❖ Plenty of electronic components and consumables
- ❖ Three Computer Labs with latest configuration
- ❖ Well Equipped PCB Design Lab
- ❖ Seminar Hall
- ❖ ICT Classroom
- ❖ Departmental Library with approximately 327 titles
- ❖ Regular conduction of workshops, Seminars, Training Programs and Competitions
- ❖ Artificial Intelligence & Machine Learning--> Introduced Honours and Minor degree program in Academics to facilitate the students to choose additionally the specialized courses in the emerging areas.
- ❖ 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] Two Days Workshop on Raspberry - Pi and it's applications in Project Building

A Two days' workshop on Raspberry-Pi and its applications in Project Building, under MOU with Jeet Fortuneline Pvt. Ltd. and IETE Students Forum (ISF) was organized by the Department of Electronics and Telecommunication Engineering, from 20th January to 21st January 2023.

Prof. S. S. Goilkar, the Coordinator, welcomed the speaker and all participants. Dr S. V. Chougule, Head of EXTC Department, graced the inaugural program and delivered the keynote address about Two days workshop on Raspberry-Pi and its applications in Project Building, Under MOU with Jeet Fortuneline Pvt. Ltd. and IETE Students Forum (ISF).

Mr Samarjeet Chavan, Director, Jeet Fortuneline Pvt. Ltd. Sangli conducted two days workshop and covered the following topics:

- ☐ 1. Introduction to: introduction to Raspberry-Pi,
- ☐ 2. Raspberry-Pi Hardware and selection of board for a particular application
- ☐ 3. Exploring different possibilities with Raspberry-Pi
- ☐ 4. Python programming with Raspberry-Pi,
- ☐ 5. Interfacing sensors with Raspberry-Pi
- ☐ 6. IoT with Raspberry-Pi
- ☐ 7. Telegram API
- ☐ 8. Image processing applications.

The workshop was organized by Electronics and Telecommunication Engineering Department (EXTC) and coordinated by Mrs S. S. Goilkar and Miss G B Bhosale under the guidance of the head EXTC, Dr S.V. Chougule. Principal Dr Kaushal Prasad encourage to organize this workshop.

A total of 37 participants from SE and TE E&TC completed the workshop. The students actively participated in the two workshops and shared their feedback.



**Dr Sharada V. Chougule HOD EXTC briefing the objectives of the workshop**



**Resource person Mr Samarjeet Chavan conducting the workshop**



**Valedictory function and vote of thanks**



## 2] Add-on course on Arduino Under IETE Students Forum (ISF)

Add-on Course on Arduino, under IETE Students Forum (ISF), was organized by the Department of Electronics and Telecommunication Engineering, from 22<sup>nd</sup> January to 24<sup>th</sup> February 2023. In this course, the students were given hands-on exposure to hardware interfacing and Programming of various modules such as LED, ADC, PWM, light brightness control, Buzzer, LDR, LCD, Seven segments Display, serial communication, servo motor etc. The objective of this workshop is to explore Arduino programming and its application development towards project building among the students.

This course was organized to serve the following outcomes:

1. To understand and get familiar with the Arduino board, Arduino IDE
2. Apply practical knowledge and skill to solve real-time technical problems in a group.
3. Demonstrate the capabilities of individual and teamwork

Mr Azal S Naik, the Student coordinator, welcomed the speaker and all participants. Dr. S. V. Chougule, Head of E&TC Department, graced the inaugural program and delivered the keynote address about the add-on course on Arduino and its applications in Project Building. Prof. Amol R. Sutar, Assistant Professor in EXTC Department, conducted the course. The training program was coordinated by students Mr. Naik Azal Saleem, Ms. Sawant Vaibhavi Satappa, Mr. Kadam Siddesh Santosh, Mr. Herekar Mahesh Vishnu of EXTC Department, under the guidance of HOD EXTC Dr. S V Chougule. A total of 49 participants from SE completed this course with active participation.



**Inauguration of Add -on the course on Arduino**



**Prof. Amol R. Sutar conducting the workshop**



**Valedictory function and Vote of thanks**

### **3] ASENT held TechSpring - 2023**

Department of Electronics & Telecommunication Engineering (EXTC) under the Association for Students of Electronics and Telecommunication (ASENT) organized signature Technical event- TechSpring 2023 with a motto 'SHOW YOUR SKILLS, EXPLORE YOUR TALENTS' from 28<sup>th</sup> February 2023 to 01<sup>st</sup> March 2023.

Mr. Nilesh Wankhede (AGM ,ZTTC BSNL Pune) and Mr. Yogesh Bhongale (Senior Engineer, BSNL Ratnagiri) were the Chief guests for inaugural function of TechSpring 2023.

The Chief Guests inaugurated TechSpring 2023 in presence of Dr. Kaushal Prasad, Principal; /Dr. S. V. Chougule, HOD -EXTC Department; Prof. G.S.Kulkarni; Prof. /M. K. Zagade Faculty Incharge - ASENT; Ms. Shahzeen Budye and Mr. Adeeb Shaikh , Student Chief Co-ordinator -

**ELECTRONICS AND TELECOMMUNICATION ENGINEERING**



ASENT.

/Dr. S. V. Chougule, HOD EXTC, welcomed all for the event and introduced the chief guest. She emphasized the importance of organizing such events for personal grooming of the students in her address. Dr. Kaushal Prasad, Principal, focused on significance of the organizing and participating events in career building of students.

Mr. Yogesh Bhongale motivated & appreciated the students for systematic organization of the event in their inaugural talk. The Chief Guest Mr. Nilesh Wankhede (AGM, ZTTC BSNL Pune) gave information to students on topic “Evolution of Wireless Technology- 1G to 5G”. The dignitaries congratulated the students for a very successful event and praised their teamwork, management skills and collaborative for making fantastic decoration, highlighting latest telecom trends.

TechSpring 2023 encouraged the students to showcase their innovative ideas and technical excellence. The initiative was to encourage innovative ideas and technical excellence among students. Continuing the trend, this year also saw an overwhelming response and participation of the students from various degree and diploma engineering institutes of the Konkan belt. The students enthusiastically participated & showcased their talent in Project Presentation, Circuitrix, Spell-Bee, Logic master, Fill in the code, Poster making, Pictionary, Stamp n Blind, Mehendi, Mobile Gaming and Photo Manipulation during this techfest.

Prize distribution and Valedictory function was conducted on 01/03/2023. The programme was successfully concluded with a vote of thanks by. Mr. Adeeb Shaikh, Student Chief Coordinator ASENT.

This program served the following objectives:

1. To participate in co-curricular and extra-curricular activities.
2. To improve Communication skills, leadership and team skills and overall personality.
3. Make the interaction between students.





**Inauguration of Techspring 2023**



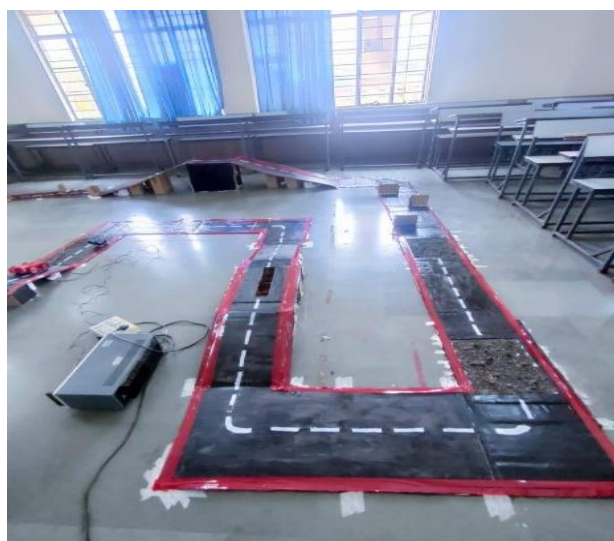




Participation of students in various events



Brainwaves: Robo Race







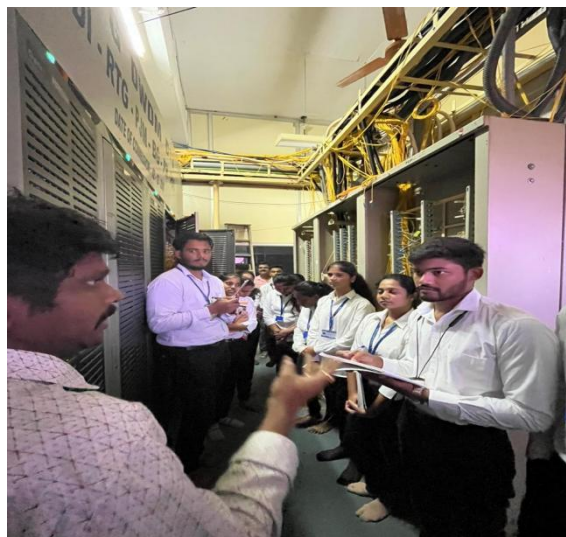
### Prize Distribution

#### 4] Industrial Visit to BSNL, Ratnagiri

Department of Electronics & Telecommunication Engineering (EXTC) organized Industrial Visit to BSNL, Ratnagiri for Third Year Students on 29th March 2023.

The visit provided an exposure to the students and understanding of different working sections of BSNL such as Battery room, Transmission and Mobile Networking. They also got the opportunity to observe the working of real cables, OFC communication and the requirement of the main distribution function. A total of Sixty-Three students from Third Year Class along with 2 faculty members of the EXTC department visited BSNL, Ratnagiri.

The visit was successfully arranged by Third Year EXTC students with a special effort from Mr. Sanchit Desai, Mr. Avadhoot Joshi and Miss. Sukanya Bhosale under the guidance of Dr. S. V. Chougule (HOD EXTC), Prof. M. S. Kolwankar and Prof. M. K. Zagade. We are very much thankful to all the staff members of the BSNL Office, Ratnagiri for their kind cooperation.







**BSNL staff members explaining concepts to TE EXTC students**



**Students and Faculty members along with BSNL Staff members**

## **5] Cyber- Awareness Seminar**

The Department of Electronics & Telecommunication Engineering (EXTC) and the Association for Students of Electronics and Telecommunication (ASENT) organized a Cyber-Awareness Seminar on 7th April 2023 at Paranjape Agro Product Private Limited, MIDC,

Ratnagiri.

Prof. Madhura K. Zagade (Faculty member EXTC and Incharge ASENT) coordinated the program successfully under the guidance of Dr Sharada V Chougule, Head, EXTC. This program is specially designed for all workers from the Paranjape Agro Product Private Limited factory. In this program, the second, third and final year EXTC students explained the importance of Cybersecurity along with practical examples and various methods scammers use to trap people who unaware of the latest technology.

The seminar helped the workers of Paranjape Agro Product Private Limited, Ratnagiri to get insight of the various scams such as Cyberstalking, Password cracking, Phishing, Credit card fraud, UPI frauds, Card Skimmers, scams using QR codes etc. with real-time examples. The workers of the factory showed keen interest in the interactive session.

This program served the following objectives:

1. To educate employees about the threats that lurk in cyberspace.
2. To inform employees about security risks and how to avoid them.
3. To get familiar with Different types of Cyber Crime and how to take help from government bodies such as INDIA's cybercrime department for protection.



**Mr. Swaroop Gavankar (ASENT Committee Member) explaining basic concept of Cyber Crime to workers of Paranjape Agro Product Private limited factory**





**ASENT Co-coordinators explaining various types of Cyber crime and their prevention measures to workers of Paranjape Agro Product Private limited factory**



**Faculty member,ASENT Co-coordinators and workers of Paranjape Agro Product Pvt. LTD.**



**/ Prof M. K. Zagade (Faculty member) and ASENT Co-coordinators at Paranjape Agro Product Private limited, MIDC, Ratnagiri for conducting “Cyber-Awareness” Seminar**

## 6] E&TC Department Held Project Competition

Project Competition for BE and SE EXTC students was organized by the Department of Electronics and Telecommunication Engineering, on 15th April 2023 and 2nd May 2023 respectively.

Prof. V. D. Chavan and Prof. M. S. Modak judged the projects of B.E. students and Prof. M. S. Kolwankar and Prof. P. A. Potdar judged the projects of S. E. students.

The project competition aimed at enabling the students to demonstrate proficiency in the design, application of appropriate research methods, collection and analysis of data and presentation of results and to develop social awareness in students and come up with innovative ideas/solutions on social issues.

The competition also builds up the spirit of teamwork among the students. The competition was coordinated by Mr A. R. Sutar and Miss G. S. Bhosale of the EXTC Department, under the guidance of HOD EXTC Dr S.V. Chougule. Many students actively participated in the competition.



Students demonstrating the project





**Students giving the presentation of the project and exploring project ideas**

## **7] Farewell 2023**

Department of Electronics & Telecommunication Engineering (EXTC) under the Association for Students of Electronics and Telecommunication (ASENT) organized Farewell 2023 on 04th May 2023 for the final year students. It was hosted by Ms. Iram Pathan student of TE EXTC. The program was attended by all the faculty and students of the department.

Dr. S. V. Chougule, Head of EXTC Department, emphasized the importance of technical education and self-learning for academic as well as professional life. She highlighted the importance of discipline and human values in all aspects of life and expressed the best wishes to BE students. Prof. G S Kulkarni stated importance of all-round development in students' college



life and gave best wishes to students. Many students of BE EXTC expressed their views regarding their involvement with the department and the institute. Ms. Akshata Sardesai, TE EXTC, shared her experiences of working in teams. The programme was successfully concluded with a vote of thanks by Mr. Adeeb Shaikh, the Student Chief Coordinator, ASENT.

Prof. M. K. Zagade (ASENT Faculty In-charge) and Prof. M. S. Kolwankar under the guidance of Dr. S. V. Chougule, HOD EXTC coordinated this event.

This program served the following objectives:

1. To offer best wishes to all BE students for their bright future.
2. To motivate students of SE and TE EXTC through experiences shared by BE students.



**/Dr. S V Chougule and Prof. G S Kulkarni offering the best wishes to BE students for their future**



**TE EXTC students provides best wishes to BE students and express their experiences**



**Students of BE EXTC sharing their experience about EXTC Department**





**Students of BE EXTC and Faculty at Farewell-2023**

## **8] ISTE Approved One Week Online FDP on AI Algorithms and Applications in Healthcare**

ISTE Approved One Week Online FDP on AI Algorithms and Applications in Healthcare was organized by Electronics and Telecommunication Engineering Department (EXTC) from 19<sup>th</sup> June to 23<sup>rd</sup> June 2023 daily 10.00 a.m. to 04.00 p.m.

Following are objective of this online FDP program:

- Enhance understanding in AI algorithms and applications in healthcare.
- Build proficiency in AI integration and implementation in healthcare education and research.

In this five days faculty development program sessions were conducted on Overview of AI in Healthcare, AI algorithms (CNN, RNN, LSTN, Reinforced Learning) for Healthcare, Ethics and issues of AI in Healthcare, Natural Language, Deep Learning Algorithms for Healthcare, Hands on session, Generative AI in Healthcare, AI in dentistry, Biomedical/image processing

applications in Healthcare, Text Analytics and NLP for Health Care and Societal Implication of it, Image analysis using ML for Biomedical Applications, Hands on session, Pattern recognition in Electrocardiogram, Case studies of AI in Healthcare.

The Resource Persons Mr. Adep Venugopal (Lead Data Scientist, General Manger, Reliance Jio), Dr. Raja Moorthy (Chief Operating Officer, Kirusa Inc.), Mr. Pramod Kachare (RAIT, Mumbai), Dr. Hemprasad Patil (VIT, Vellore), Dr. Yogesh. H. Dandwate (VIIT, Pune), Dr. Ashutosh Marathe (Vishwakarma Institute of Technology, Pune). , Dr. Suhasini Goilkar (Finolex Academy of Management and Technology,Ratnagiri), Mr. Prakash Pimpale, CDAC Mumbai, Dr. Satishkumar Chavan (Associate Professor, Don Bosco Institute of Technology Kurla West), Dr. Rajesh Ghongade (Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune) delivered the informative sessions on healthcare algorithms, case studies and hands on sessions.

On occasion of International Yoga day on 21<sup>st</sup> June 2023, a session on “Yoga and Health” was conducted by Prof. G S Kulkarni of F A M T Rtanagiri,

**Dr. Suhasini S. Goilkar and Mr. Saurabh A. Athalye**, Faculty coordinators of this faculty development program welcomed the speaker and all participants. **Principal Dr. Kaushal Prasad**, Finolex Academy of Management and Technology graced the inaugural program, **Dr. S. V. Chougule**, HOD EXTC Department, delivered the keynote address about purpose and objectives of organizing this Online FDP on AI Algorithms and Applications in Healthcare.

Valedictory function and Online Quiz was conducted on the last day at the end of the session. The faculty development program was organized by Electronics and Telecommunication Engineering Department (EXTC), and coordinated by **Dr. Suhasini S. Goilkar and Mr. Saurabh A. Athalye** of EXTC Department, under the guidance of HOD EXTC **Dr. S.V. Chougule**.

A total of 86 participants from different colleges successfully completed the faculty development program. Participants actively participated in the five days ISTE Approved One Week Online FDP on AI Algorithms and Applications in Healthcare and shared their feedback of this faculty development program. Participants appreciated the department organizing team for the overall organization of this FDP and shown their interest in attending such events in future also.

**Structure of AE**

Diagram illustrating the Structure of an Autoencoder (AE) with layers: Input Layer, Hidden Layer, and Output Layer. The diagram shows the flow of data through these layers, with equations  $\hat{x} = f(W^T \cdot x + b)$  and  $\hat{y} = g(W^T \cdot \hat{x} + c)$ .

**Natural Language Processing – Pipeline (Ref: Turing)**

Diagram illustrating the NLP Pipeline steps: 1. Tokenization, 2. Stemming, 3. Lemmatization, 4. Stop Word Analysis, 5. Dependency, 6. Cleaning, and Normalization.

**Applications of Generative AI in Healthcare**

Icons representing various applications: Drug Discovery, Medical Transcription, De-Identification, Unmasking Text, Text to Image Converter, Visualizing Text, Disease Diagnosis, and Explainable AI.

**AI IN DENTISTRY**

Logo and text: PROF. DR. ASHUTOSH NARAYNE, VISHAKARMA INSTITUTE OF TECHNOLOGY, PUNE.

**Medical Informatics**

Text defining Medical Informatics: Medical informatics is the application of computers, communications and information technology and systems to all fields of medicine. It includes medical care, medical education, and medical research. Medical informatics is the branch of science concerned with the use of computers and communication technology to acquire, store, analyze, communicate, and display medical information and knowledge to facilitate understanding and improve the accuracy, timeliness, and reliability of decision-making.

**Medical Informatics**

Diagram illustrating the Medical Informatics system, showing the flow of data between a patient, a doctor, and a computer system.

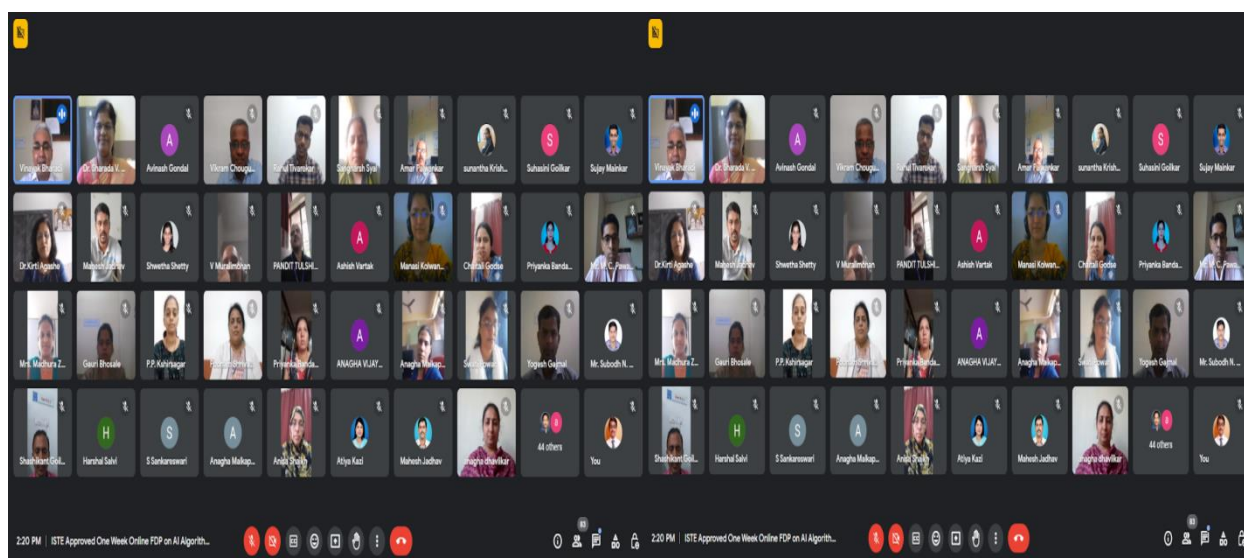


Forward Pass

Diagram illustrating the Forward Pass of a Neuron:

- Inputs:  $x_1, x_2, \dots, x_n$
- Weights:  $w_1, w_2, \dots, w_n$
- Net Sum:  $Z$
- Predefined Activation Function:  $f$  (mostly used for non-linearity)
- Output:  $y$

## Resource persons sessions on AI Algorithms and Applications in Healthcare



## Valedictory function and vote of thanks

## Faculty Achievements

- 1 Dr. Sharada V. Chougule appointed as RESOURCE PERSON for Online Faculty Orientation Program for the course of “Natural Language Processing (NLP)(ECCDLO8012)”, Rev 2019 'C scheme of Fourth Year, Semester-VIII, Electronics and Telecommunication Engineering, jointly Hosted by: Fr. C. Rodrigues Institute of Technology, Vashi, Finolex Academy of Management & Technology, Ratnagiri, Xavier Institute of Engg, Mahim on 9th January, 2023.
- 2 Dr. Sharada V. Chougule has successfully completed ISTE approved SF-STTP/FDP Programme on “Natural Language Processing and it's Applications” held during 09.01.2023 to 14.01.2023 organized by Xavier Institute of Engineering, Mahim, Mumbai, Maharashtra.
- 3 Dr. Sharada V. Chougule worked as Paper Setter for Mumbai University Exam FH2023.
- 4 Dr. Sharada V. Chougule worked as Syllabus Setter Mumbai University EXTC SEM VIII.
- 5 Dr. Sharada V. Chougule published a paper titled "College Hostel Portal" in IEEE National Students' Conference on Innovation In Rural Development organized by IEEE Students' Branch, Shri Sant Gajanan Maharaj College of Engineering, Shegaon held on 20th - 21st April 2023.
- 6 Dr. Sharada V. Chougule worked as reviewer of the paper #1570908765 ("Exploratory Review of Applications of Machine Learning for Small- and Medium-Sized Enterprises (SMEs)") for ICHCSC 2023.
- 7 Dr. Sharada V. Chougule completed ISTE Approved One Week Online FDP on AI Algorithms and Applications in Healthcare, organized by Department of Electronics and Telecommunication Engineering, from 19th June to 23rd June 2023.
- 8 Prof. Manasi S. Kolwankar published a paper titled "Automated pothole Filling Machine" in International Journal for Research in Applied Science and Engineering Technology(IJRASET), volume 11, Issue 4, April 2023.
- 9 Prof. Manasi S. Kolwankar published a paper titled "Coin Separator and Counter" in International Journal for Scientific Research and Development(IJSRD), volume 11, Issue 2, April 2023.
- 10 Prof. Sujay D. Mainkar published a paper titled "Efficient Deep Learning Approach for Food Image Classification " in International journal of analytical and experimental modal analysis(IJAEMA), volume XV, Issue V, May 2023.
- 11 Prof. Suhasini S. Goilkar completed her PhD in Electronics and Communication Engineering on 5<sup>th</sup> May, 2023, where Research is based on “An Analysis and Implementation of Depth

Estimation and Image Restoration from Defocused Images.”

- 12 Prof. Neha Marathe published a paper titled "Defence for Women Safety" in International Journal of Innovative Research in Science, Engineering and Technology(IJRSET), volume 12, Issue 4, April 2023.
- 13 Prof. S. S. Athalye published a paper titled "Comparative Study of The Use of Few Popular Machine Learning Algorithms For Automatic Diabetic Retinopathy Detection" in International Conference on MULTIDISCIPLINARY INNOVATION in ACADEMIC RESEARCH (MIAR - 23) ,13th May 2023,Ajmer, India.
- 14 Prof. S. S. Athalye published a paper titled "Comparative Study of The Use of Few Popular Machine Learning Algorithms For Automatic Diabetic Retinopathy Detection" in International Journal of Engineering Research in Computer Science and Engineering(IJERCSE), volume 10, Issue 6, June 2023.
- 15 Prof. Amol R. Sutar published and Presented a paper titled “Design and Implementation of Quasi Z -source Converter Based Battery Charger for Electric Vehicles” in International Conference for Convergence in Technology (I2CT) , 7<sup>th</sup> and 9<sup>th</sup> April, 2023.

## Student's Achievements

- 1 Ms. Alina Hasan Khatib secured First Rank in “Component recognition competition” organized by EXTC Department, FAMT, Ratnagiri on the occasion of Engineers Day Celebration.
- 2 Ms. Alina Hasan Khatib secured First Rank in “Fill in the code” in TECHSPRING 2023 event organized by EXTC Department, FAMT from 28/02/2023 To 01/03/2023.
- 3 Ms. Nancy Sawant published paper entitled “Automatic Restaurant Ordering System” in International Journal for Research in Applied Science and Engineering Technology(IJRASET),volume 11, Issue 5, May 2023.
- 4 Ms. Asavari A. Patel secured Second Rank in “Painting Competition” in Brainwaves 2023 Event organized by FAMT from 28/02/2023 To 01/03/2023.
- 5 Mr. Aseem Navid Momin secured First Rank in “Poster Competition Event” organized by DLLE cell of FAMT, Ratnagiri on the occasion of National Voters Day.
- 6 Ms. Madhura Prashant Machkar secured Second Rank in “Poster Competition Event” organized by DLLE cell of FAMT, Ratnagiri on the occasion of National Voters Day.
- 7 Ms. Samruddhi Kadam, Ms. Avantika Pilankar, Ms. Rina Patil and Ms. Apurva Agre published a paper titled "Defence for Women Safety" in International Journal of Innovative Research in Science, Engineering and Technology(IJRSET), volume 12, Issue 4, April 2023.
- 8 Mr. Pauras Chavan, Mr. Pradnyesh Dhapare, Mr. Paresh Joshi and Mr. Pratik Karande published a paper titled "Automated pothole Filling Machine" in International Journal for Research in Applied Science and Engineering Technology(IJRASET),volume 11, Issue 4, April 2023.
- 9 Mr. Raj Mayekar, Mrs. Riddhi Wasurkar and Mr. Uddesh Patil published a paper titled "Coin Separator and Counter" in International Journal for Scientific Research and Development(IJSRD), volume 11, Issue 2, April 2023.

## Placements of the Department

Sr. No.	Name of the Student	Company
1	Mande Anup Satish	Adisoft Technologies
2	Marathe Aaditya Pradeep	Adisoft Technologies
3	Hemant Vinayak Tanawade	Adisoft Technologies
4	Pawaskar Siddhi Yogesh	Hexaware technologies
5	Nagvekar Sahil Arvind	Stacklab
6	Kadam Samruddhi Sachin	Adisoft technologies
7	Pawaskar Siddhi Yogesh	Qspider
8	Karande Pratik Suryakant	Vadini Infocenter pvt Ltd

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