Program Name: Computer Engineering

COMP-GLANCE 2K21

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NEWS LETTER

EDITORIAL BOARD

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About Program

Department of Computer Engineering is one of the latest branches of Engineering in modern era of Technology. It is rapidly growing field with a wide range of job opportunities. The Technical Education department aims towards making available the trained and technically qualified hands to serve the industry and society.

The department organizes workshops, expert lectures, seminars, industrial visits and extracurricular activities from time to time to provide out students and facilities to interact with the peers from across the country. Our students are trained to develop a balanced personality and will prove to be an invaluable

Mr.V.D Pawar

Head Of the Department

VISION

"To provide quality Technical education for rural students in the field of Computer Engineering."

MISSION

M1: To provide opportunities to promote technical skills in students through workshops

M2: To create awareness in rural students on life - long learning in the field of computer engineering and encourages them for positive attitude and problem solving by seminars

M3: To innovate the ideas for better computer domain experty by industrial visits and trainings

Program Educational Objectives (PEOs)

➢ PEO1 - Ability to apply modern computing technology for the ethical and social aspects.
➢ PEO2 - Have a positive attitude towards lifelong learning and succeed in industry or higher education.
➢ PEO3 - To practice as computing professionals in designing, developing and maintaining projects in computer technical areas.

In This Issue

Academic performance 2021-22

❖ **Third Year:**

Mahadev M. Yelure (92.63%)   **Mitali N. Malwadkar (89.60%)**   **Varad R.Salgare (86.97%)**

❖ **Second Year:**

Mohamadhanif B.Jamadar (88.40%)   **Urvashi G.Patil (85.20%)**   **Samarth S.Bharama(84%)**

❖ **First Year:**

Dhanashri O.Harkud (88.13%)   **Samruddhi V.Jadhav (88%)**   **Nadeem A.Bangi (86.50%)**

Expert Lecture and Workshop:

We invited various experts from various colleges,industries and Alumni to enhance student's technical knowledge as well as overall personality

- "**Python Programming for beginner's**" by Ms.Kulkarni A.A HOD in AI&DS Dept.SSWCE,Solapur on 12/3/2022

- "**Business oriented communication & interview techniques**" by Mrs. Birajdar L.S. Lecturer in A.G. Patil Polytechnic Solapur for first year students on 12/03/2022.

- "**Stress Management**" by Dr. Namita Wadapurkar, for third year students on date-29/03/2022

- "**Career Guidance**" by Dr. Metan S. S. for third year students on 24/03/2022.

- "**How to write research paper**" by Prof. Jadhav S.V. SVERI Pandharpur for third year students on 29/04/2022.

- "**Interview Techniques**" by Sneha Mathpati (Alumni) for third year students on 7/5/2022.

- Arranged one day workshop on "**Big data**" by Mr.Bahubali Kandale Director,Technowing IT solutions,Solapur on 5/3/2022

- "**Essential Software Testing Methodology for Industry**" by Mr.Shivling Zalaki Business Analyst Amdocs,Pune on **26/2/2022**

- "**Software Development using Angular JS**" by Mr.Anand Chougule Project Lead ,Pune on 16/4/2022

Expert Interaction with Student

Industrial Visits-

We visited to PM Plastic Industries,Akkalkot on 12/3/2022 under Environment study course
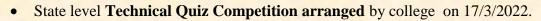

Faculty Corner

Training & Workshops, Paper Publications and Achievements:

- Mr.Pawar V.D attended three days faculty Development Program on " Mobile application development" organized by SES,Polytechnic,Solapur

- .Mr.Pawar V.D attended two days faculty Development Program On "Internet Of Things" Organized by BMP Polytechnic ,Solapur

- Mr. Chougule V.V D attended three days faculty Development Program on "Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic ,Akkalkot.

- Mr Gaikwad S.T attended two days faculty Development Program On "Internet Of Things" Organized by BMP Polytechnic ,Solapur

- Mr Gaikwad S.T attended three days faculty Development Program " Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic , Akkalkot.

- Ms.Shiral S.G attended two days faculty Development Program On "Cyber Security" Organized by BMP Polytechnic ,Solapur

- Ms.Shiral S.G attended three days faculty Development Program on "Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic , Akkalkot

- Mr.Goden N.A attended three days faculty Development Program on " Mobile application development" organized by SES,Polytechnic,Solapur

- Mr.Goden N.A attended two days faculty Development Program On "Cyber Security" Organized by BMP Polytechnic ,Solapur

- Mr.Goden N.A attended three days faculty Development Program on "Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic , Akkalkot

- Ms.Jadhav U.U attended three days faculty Development Program on "Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic , Akkalkot

- Ms.Hiremath D.M attended two days faculty Development Program On "Internet Of Things" Organized by BMP Polytechnic ,Solapur

- Ms.Hiremath D.M attended three days faculty Development Program on "Application of tools & techniques in Technical Education" Organized by SVSMD'S KKI Polytechnic , Akkalkot

CO-Curricular & Extra-curricular Activities

Computer Program is continuously arranging student centered Co-curricular & Extra Curricular activities for the overall personality development of students.

- State level **Technical Quiz Competition arranged** by college on 17/3/2022.

- Under Extra-curricular activity **Rangoli Competition** arranged by college on 18/3/2022

Sr. No.	Name of Student	Event	Organizer	Prize/ Participation
1	Mr.Yelure M.M	**Technical Quiz Competition**	SVSMD's KKI Polytechnic Akkalkot	1st Winner
2	Mr.Kalshetti S.L	**Technical Quiz Competition**	SVSMD's KKI Polytechnic Akkalkot	2nd Winner
3	Ms.Baje Vaishnavi Senapati	**Rangoli Competition**	SVSMD's KKI Polytechnic Akkalkot	1st Winner
4	Ms.Shirsat Tejaswini Shridhar	**Rangoli Competition**		2nd Winner

- Covid-19 Vaccination Drive is organized on 28 oct. 2021 to protect our students and society from covid-19 infection.

Department Event
Freshers Party-4/12/2021

We plant the tree on New year celebration-1/1/2022

Traditional day organized on the occasion of Womens Day Celebration-8/3/2022

No matter even if it takes a while, a Woman will handle every responsibility with a smile!

Women-The most beautiful human being

Students Publications

Sr. No.	Paper Title	Student Name	Guide Name	Published in
1	Phishing Website Detector	Mr.Yelure V.M. Mr. Nanna O.V	Mr.Goden N.A	International Journal
2	QuickJobz Web Application	Mr Salgare V. R. Miss Malwadkar M. N	Mr.Pawar V.D	International Journal

Projects

"*Digital Notice Board*"

This project deals with the implementation of voice-based system by using with the help of android application. The communication is made possible by using WIFI module. The main objective of this work is to develop a smart notice board which works in a well-organized manner with respect to date and time which will help the user to easily keep in track of the notice board every day and each time he uses the system and to convey the information more effectively. The notice can be send wirelessly within a second. This creative technique can be used to display latest information. In his paper basically focused on designing an electronic notice board for different sectors like schools. The contents of notice can be changed anytime. The concept is to design a SMS based automatic display board which can replaced the current used programmable electronic display. It is proposed to design a display board which should be programmed from an authorized mobile phone.

The message to be displayed is sent through a SMS from a transmitter. The microcontroller

receives the SMS, validates the sending Mobile Identification Number and displays the desired information. The electronics displays which are currently used are programmable display. This makes it inefficient for immediate information transfer, and thus the display board loses its importance. The display board programs itself with the help of the incoming SMS. The main components of the kit include microcontroller, Arduino UNO. WIFI is an open wireless protocol for exchanging data over short distances from mobile devices, creating Personal Area Networks (PANs). It was originally conceived as a wireless alternative to RS232 data cables. It can connect several devices, overcoming problems of synchronization. Bluetooth will receive the signal sent by the Android application device (mobile phone), and then send this signal to the microcontroller. In order to implement this project, we need to use an Android application

Implemented by,
Mr.Patil Ravi
Mr.Pujari Kashinath
Under the Guidance of,
Ms.Shiral S.G
Dept.of Computer Engg.

Inplant Training

Inplant training is the most important part of a student's career. Inplant training gives practical knowledge to the students and explains how the IT industry works.Our Students completed Inplant Training in **Panchakshar Technology** and **Rudra Infotech,Solapur**

MOU's

During this academic year department has made two Memorandum of Understanding(MOU's) with Panchakshar Technology,Solapur and Technowing Solution,Pune.Currently six MOU's are working under Program

Sr. No.	Name of Industry	MOU Date	Period of MOU
1	Panchakshar Technology,Solapur	05/04/2022	3 years from effective Date
2	Technowing Solutions,Pune	05/04/2022	3 years from effective Date
3	Dream Technolgy	05/04/2022	3 years from effective Date
4	Winner Software Pvt.Ltd,Pune	11/03/2020	3 years from effective Date
5	Katare informatics SOLAPUR	31/08/19	3 years from effective Date
6	Shreevidya Infotechnologies, Solapur	31/08/19	3 years from effective Date