



SKN SINHAGAD COLLEGE OF ENGINEERING

E&TC Engineering Department

VOLUME X, ISSUE I

DEC 2022

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Vision

To be recognized as excellent technical education and research center in Electronic and Telecommunication Engineering to develop competent professionals and transform them in to good human beings.

Workshop on PCB Design

Electronics and Telecommunication Department have organized the "Workshop on PCB Design Using Eagle Software". In this workshop we have studied a basics of Eagle software. The Eagle Software has two windows namely schematic window and board layout window. The Schematic window, as the name implies is use to draw schematics. Schematic is a drawing which represents the circuit with component symbol and connection lines. In the schematic editor, add all components which is required by your circuit. These components are available in the library. After adding all components in the schematic editor, make a proper connection with wires.

There are two ways to use EAGLE schematic window. One is with graphical icons. It is available in the toolbar (left side of the window). You can interact with these icons by drag and drop with mouse. The second method is with a command line. You can type the command

Mission

- To facilitate high quality technical education and apply technology for the betterment of society.
- To develop collaborative and multidisciplinary project from society and using them as a learning platform.
- To create research environment to meet ever changing needs of Industries/Enhance Consultancy and outreach activities.
- To imbibe the essence of human values. Ethics and professional skills to continue-economic development.

Guest Lecture on Home Security using IoT



In this guest lecture we have studied a wireless Home Security System through the Internet of Things module and Raspberry Pi version 3. It is an active system which will show whether the person is authorized for home or unauthorized. It is a friendly user interface system. It is easily installable and can be used anywhere as this is a wireless system. This system is easily operable, low power consumption and low cost. This is developed for remotely controlled and uses the Wi-Fi for transmission of the data. It is easily installed at any place and can be controlled from any remote area.

The home security system has a long way to go. As the technologies improve every second, with time we may have many ways for home security with more light protocol and less delay in the output. With upcoming technologies there will be good enhancement in the computer board as well as the communication protocols, which will make it simpler as well as more light and secure.

International Conference



International conference on innovations in artificial intelligence & machine learning (ICIAIML - 2022) Under the leadership of Dr. K.J. Karande Sir principal , SKNSCOE Faculty members are committed to preparing student are tomorrow leaders are capable of meeting the demand of the ever changing word,



International conference on innovation in Artificial Intelligence and machine learning (ICIAIML) 2022 promote theoretical and applied AI research as well as intellectual interchanging among research and practitioners.

SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR
Savitribai Phule Shikshan Prasarak Mandal's
Tal: Pandharpur, Dist: Solapur. 413304

Sinhgad Institutes Pandharpur

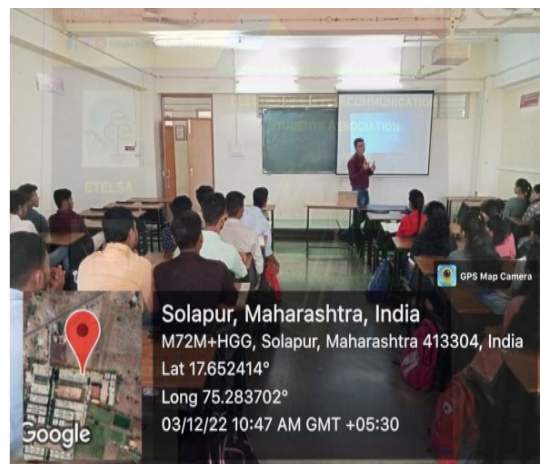
ELECTRONICS & TELECOMMUNICATION ENGINEERING
STUDENTS ASSOCIATION

organizes one day workshop on
Peripheral Feature and Programming of PIC Microcontroller

EMINENT SPEAKER
Mr.R.S.Khamitkar
Assistant Professor
WIT Solapur

Venue : E&TC Department Room No. 309

Date : 3 Dec 2022 10 AM	Mr. Birajadar G. B. Coordinator	Dr. A. O. Mulani Head of Department	Dr. S. G. Kulkarni Vice-Principal	Dr. K. J. Karande Principal
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PIC is a Peripheral Interface Microcontroller which was developed in the year 1993 by the General Instruments Microcontrollers. It is controlled by software and programmed in such a way that it performs different tasks and controls a generation line. PIC microcontrollers are used in different new applications such as smartphones, audio accessories, and advanced medical devices. PIC (Programmable Interface Controllers) microcontrollers are the world's smallest microcontrollers that can be programmed to carry out a huge range of tasks. These microcontrollers are found in many electronic devices such as phones, computer control systems, alarm systems, embedded systems, etc. Various types of microcontrollers exist. These microcontrollers are programmed and simulated by a circuit-wizard software. The PIC microcontroller interfacing can be used in different applications, such as video games' peripherals, audio accessories, etc.

Expert lecture on "Orientation Session"

Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR
Tal: Pandharpur, Dist: Solapur. 413304

|| ज्ञान दान पवित्र दान ||

Sinhgad Institutes Pandharpur

उत्तमपुरुषान अपि अभियन्तु निर्मातुं कटिबद्धाः वयं

Virtual Labs
MHRD Govt of India Initiative

Welcome
Students of E&TEC Department
to
Orientation Session
SKNSCOE @ Glance

INSTITUTION'S INNOVATION COUNCIL
(Autonomy of IIRs initiative)

EMINENT SPEAKER
Dr. K. J. Karande
Director & Principal

Venue : AC Seminar Hall Room No. 306

Date : 29 Aug 2022	Mr. Birajadar G. B.	Dr. A. O. Mulani	Dr. S. G. Kulkarni	Dr. K. J. Karande
11 AM	Coordinator	Head of Department	Vice-Principal	Principal

Objective:-

1. To welcome students to SKNSCOE for their bright future.
2. To make students aware about cultural and academic excellence at SKNSCOE.
3. To highlight Project Based Learning nurtured at college.
4. To make aware opportunities present at SKNSCOE for overall development of student as an Engineer

Outcome and Benefit in terms of learning/skill/ Knowledge.

1. Students got awareness of SKNSCOE culture and values.
2. Students enrolled for various internships, IIRS outreach courses.
3. Students started using Virtual Lab for practical simulation.
4. Students started participating willingly to the events organized.

One Day Workshop on Seminar on "Developing Critical Thinking Skills with Python"

Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR
Tal: Pandharpur, Dist: Solapur. 413304

|| ज्ञान दान पवित्र दान ||

Sinhgad Institutes Pandharpur

ELECTRONICS & TELECOMMUNICATION ENGINEERING

ELECTRONICS & TELECOMMUNICATION STUDENTS ASSOCIATION
organizes a One day Workshop on

Developing Critical Thinking Skills with Python

EMINENT SPEAKER
Miss. Seema Dongare
System Analyst
Zimetrics Technology Pvt. Ltd
Pune

Venue : E&TEC Department Room No. 310

Date : 21 Nov 2022	Mr. Khapale N. J.	Dr. A. O. Mulani	Dr. S. G. Kulkarni	Dr. K. J. Karande
4 PM	Coordinator	Head of Department	Vice-Principal	Principal

Python is a general-purpose, high-level, remarkable powerful dynamic programming language that is used in a wide variety of application domains. Python supports multiple programming paradigms, including object-oriented, imperative and functional programming styles. Participants will gain hands-on experience in Python through a series of practice sessions and quizzes. Critical thinking is a skill that is essential in education. Combining other skills such as analyzing, evaluating valid and reliable information, and synthesizing it to obtain an educated answer makes critical thinking so fundamental for students to grasp early on in their education. It is critical for successful learning and is a skill used for life. Developing these skills helps to create lifelong learners who are curious, independent, and have broad interests.

Our Pride

Department of E&TC Engineering of SKN SCOE always took efforts for the placement of the students in MNCs and reputed organizations. Prof. Vaibhav Godase, E&TC Dept. T&P Coordinator, always takes rigorous follow up of students, their preparation and involvement in various placement activities. He succeeded to place considerable students in reputed companies during this year.



Asawari Anant Boxey
Cognizant;



Shital Maruti Gaikwad
Quality Kiosk



Monika Shankar Mali
Pentagon Space



Ejaj Yasin Attar
Vodafone



Sagar Santosh Bhumkar
Inmovidu

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and **Explore** Opportunities.....

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