



SKN SINHAGAD COLLEGE OF ENGINEERING

E&TC Engineering Department

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ELECTRONICS AND
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TION ENGINEERING
DEPARTMENT ORGA-
NIZED TECHNICAL

INSIDE THIS ISSUE:

"Webinar Series" 1

"Webinar Series" 2

"Online Short
Term Courses" 3

"Placements" 4

Vision of Dept. : 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.

Guest Lecture

Guest lecture on Machine learning techniques have gained tremendous popularity in recent years due to their ability to learn patterns and make predictions from large datasets. This has led to the development of numerous applications in a wide range of fields. In urban studies, machine learning techniques can be applied to solve a variety of problems. One of the most significant applications of machine learning in urban studies is LULC mapping by analyzing satellite images using machine learning algorithms, it is possible to identify and map different land use and land cover types such as vegetation, water bodies, and built up areas.

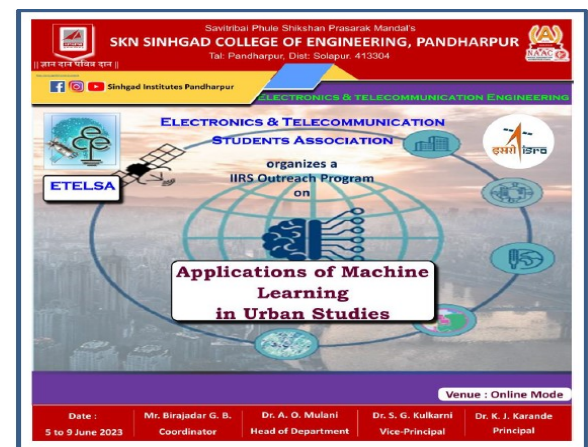
Another useful application of machine learning in urban studies is building footprint extraction. Machine learning algorithms can detect and delineate building footprints accurately, which is useful for tasks such as urban planning and disaster management. Similarly, machine learning can also be used for greenspace extraction, where it can identify and map green spaces such as parks, forests, and gardens, which are essential for urban sustainability and public health. In addition,

Seminar



Mission of Dept.:

- 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.



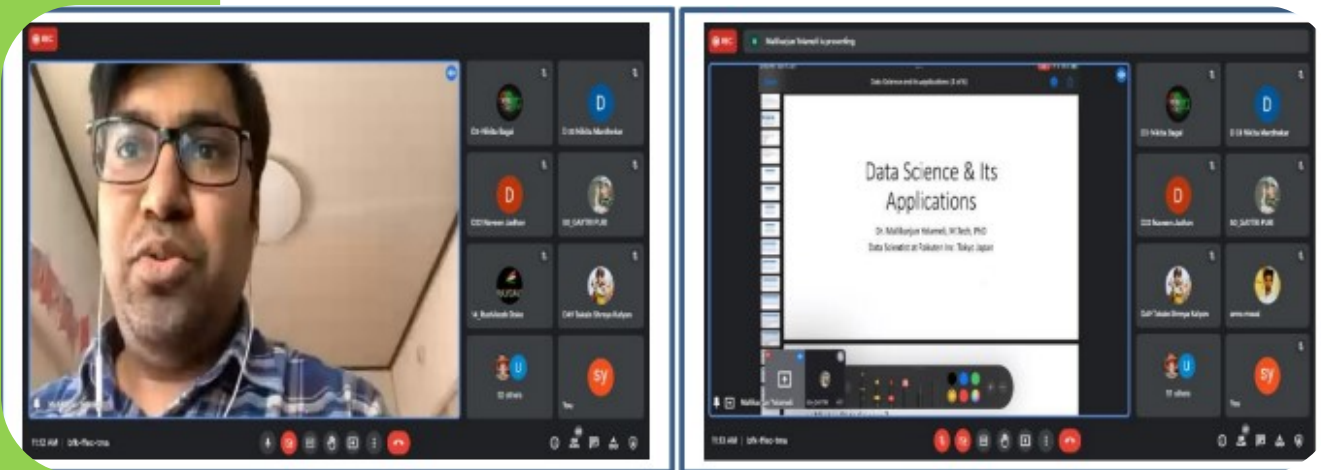
In this guest lecture we have studied a various type of sensors, raspberry pi, arduino are studied in this lecture. A wireless sensor network (WSN) is a step of the journey in the book. This is because a WSN is a distributed system consisting of sensors that measure environment data, such as a field or a forest, a building or a person, and a city. There are no wires, so communication in this system uses radio waves. The technological driver for this method is that the world is changing so fast that sensors are becoming much cheaper and more widely available. There have been many changes in communication technology, from Bluetooth, radio, cell phones, etc. Thus, many options for collecting and sharing data. This trend allows more and more people to experiment with measuring devices from wireless sensor networks.

Seminar



The minimum set cover algorithm is used to place sensors at the most strategic locations. This technique results in a set of sensor pairs (called the sentinel sensors) to anticipate sensor errors.

A sentinel sensor acts as a backup of the other pair should the pair is faulty.



Webinar on “Data Science and its Applications” was organized on 15/01/2022 by the department of Electronics and Telecommunication Engineering . Dr. Mallikarjun Yelameli, Data Scientist, Rakuten Group Inc., Japan was the speaker. Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from noisy, structured and unstructured data, and apply knowledge and actionable insights from data across a broad range of application domains. Data science is related to data mining, machine learning and big data.

Globally, data scientists are the most sought-after, in-demand profession and almost all industries are actively hiring Data Scientists. This webinar helped participants to learn the basics of data science and its applications in various fields. They also understood the prerequisites and skills required to become data scientist. Expert also suggested some of the free resources available over internet for preparation. Dr. Mallikarjun Yelameli, also informed student about how to get ready for industry opportunities. For that he suggested some online courses to get knowledge of statistics and algorithms that are required for industrial applications.

Five Days online Short Course on “Machine Learning to Deep Learning”

Five days Online Short Course on



Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification and Detection
July 4 - 8, 2022



Organized by
Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
Dehradun

www.iirs.gov.in

Main core utilization of remote sensing data is for landuse / landcover map generation. Further it has been tried to increase capability of remote sensing data to extract single class of interest. Also to map different stages within a given class, generate information about specific class of interest in time domain. In today's scenario various remote sensing sensor's data is available, it gives an opportunity to integrate these multiple sensor data in a given application, to extract specific class level information. So it's important to explore machine/deep learning algorithms to extract specific class level information from multi-sensor temporal remote sensing data sets....

We invite you to attend this five days short course on Machine learning to Deep Learning: A journey for remote sensing data classification. The short course is scheduled from July 4, 2022..

Two Days online Seminar on “National Start-up Day”

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

Sinhgad Institutes Pandharpur

Department of
Electronics & Telecommunication Engineering
Organizes session on

National Start-Up Day
in association with
Institution's Innovation Council (IIC) and
Electronics & Telecommunication Students
Association (ETELSA)

EMINENT SPEAKER


Dr. Shivraj Kale
Director
PSP-IP & Associates Pvt Ltd
Pune

Time: 06:00 PM
Date: 25/02/2022

To participate in the session use following link
Session link: <https://youtu.be/6pMfDxSumEw>

Prof. G. B. Birajadar
Staff Coordinator

Dr. A. O. Mulani
HOD (E&TC)

Dr. S. G. Deshmukh
IIC Convener

Dr. S. G. Kulkarni
Vice-Principal &
IIC President

Dr. K. J. Karande
Principal

Startups are a boost to the country's economy, so several policies are brought up by the government every year to help startups grow by generating capital. Startups seek, develop and validate the business model by being the backbone of the economy of the nation. Therefore, Hon'ble Prime Minister Narendra Modi has declared January 16th as "National Startup day".

To celebrate this day, an expert session was arranged on 'National Start-Up Day'. The guest was Dr. Shivraj Kale, Director, PSP-IP & Associates Pvt. Ltd., Pune. He rightly mentioned the role of Startups in current situation. He also mentioned the necessary factors that affect the growth of Start-Up. He satisfactorily answered various questions asked by students during the session.

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.



Atharva Nitin Yeole

ExcelR



Shubham Sanjay Mali

Pibythree



Shivani Arvind Meherkar

Qspider



Rukmini Sunil Shirke

Kiran Academy, Pune

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

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