ALVA'S
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Alva's Institute of Engineering & Technology

Shobhavana, Mijar, Moodbidri –574225

Web: aiet.org.in

Accredited by NBA (ECE)

Department of Electronics and Communication Engineering is Organizing

Five Days Online Workshop on

"How to develop a Pythonic coding rather than Python coding – Logic Perspective"

21st July 2020 - 25th July 2020

Coordinated By

Dr. D V Manjunatha
Professor & Head, Dept. of ECE

Resource Person

Dr. S. Mohideen Badhusha
Professor
Department of CSE, AIET, Mijar

Highlights of Workshop

- Practical exercises assigned amidst the lecture hours.
- Hands-on training for all sessions.
- To inculcate the knowledge of developing Pythonic coding with Case-Studies using Google Colab.

Expected Outcomes

- The students will be able to write programs with complete understanding of the logics.
- The students will become better programmers with good reasoning at their interviews.
- The logical building ability of the students will get improved by continuous and rigorous practices.
- They will complete the Case studies and post it in Hitgub repository in Google Colab file format.

Registration

Kindly confirm your participation in the following link

https://forms.gle/985DW8A78Utwi6dn7

Faculty Coordinator : **Mrs. Nishma**
Assistant Professor, Dept. of ECE
Ph No: 9663691775

Registration Fee: Free of Cost

Last Date for Registration: 16/07/2020 7.00pm.

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering. Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments at the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics & Communication at Alva's Institute of Engineering and Technology was started in the year 2008-09. The department is affiliated to Visvesvaraya Technological University (VTU) and was recognized as Research Centre of VTU in the year 2017- 18 and accredited by NBA in 2019-20. The department has an intake of 120 aspirants per year. The department has well-equipped classrooms and computer laboratories with high-end systems as per the AICTE norms. The syllabus encompassing the latest technologies, excellent laboratory facilities and exemplary faculties are the main reasons for the prized status accorded to this course.

ECE is one of the renowned branches in the field of Engineering, have proved time and again, that they play a pivotal role in both the developing and well-being of our society in the fast paced human life. E&C branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. The department has well-qualified, experienced and research oriented faculty.

VISION OF THE DEPARTMENT

"Centre of Excellence to Empower the young minds in the field of Electronics and Communication Engineering with research focus and skill development through Transformative Education catering to the needs of the Society".

MISSION OF THE DEPARTMENT

- To create Learning Environment to enable the Students for Excellence in the field of Electronics and Communication Engineering.
- To Empower the Students with necessary Skills for Solving the Complex Technological Problems.
- To Inculcate Research Culture among Teaching-Learning Group by guiding them towards Research Activities to bridge the gap between Industry and Academia.
- By Imbibing the Students with Human Values and Ethics through Transformative Education and make them Socially Responsible Professionals.

PROGRAM SPECIFIC OUTCOMES

A graduate of the Computer Science and Engineering Program will exhibit:

PSO1: Understand and apply the principles of Science and Engineering in the field of Electronics and Communication.

PSO2: Ability to design and implement systems using the concepts of Analog & Digital Electronics, Communication & Networking, Signal Processing, Embedded Systems and Semiconductor technology to solve complex problems.

PSO3: Develop proficiency to use modern Hardware and Software tools in the area of Electronics and Communication Engineering.

PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Computer Science & Engineering will able to

PEO1: Apply Mathematical, Scientific and Engineering fundamentals for problem solving.

PEO2: Expose to Emerging Technologies and pursue higher studies or do research.

PEO3: Become Competent and Employable with necessary skills.

PEO4: Inculcate Professional and Ethical attributes and contribute to Society as responsible Citizen.

ABOUT WORKSHOP

If you're new to Programming and Python in particular, you might have heard the term Pythonic being brought up at tech conferences, meetups and even at your own office. You might have also wondered why the term and whether they're just talking about writing Python code. In this workshop you are going to understand what the term Pythonic means and why you should be interested in learning how to write Pythonic code rather than writing Python code Most of the Python beginners are not understood how a python program can be written effectively. They write the Python program as they develop other programming languages such as C, C++ and Java. The customary coding of Python makes the coding very verbose and ineffective. The uniqueness the Python lies in the way it has to be written using fantastic data structures and strategies available in Python.

In this regard, the workshop imparts the knowledge of writing effective pythonic coding. The workshop is conducted in view of disseminating the knowledge and expertise as well as training to the participants in interview point of view also

TARGET AUDIENCE

The workshop is open for students and faculty of **AICTE / UGC approved Engineering and Technology Institutions.**