

School of Computer Science & Applications

VALUE ADDED COURSES (VAC)

Session 2020-21



IFTM UNIVERSITY

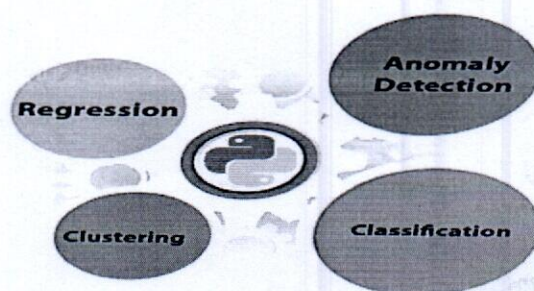
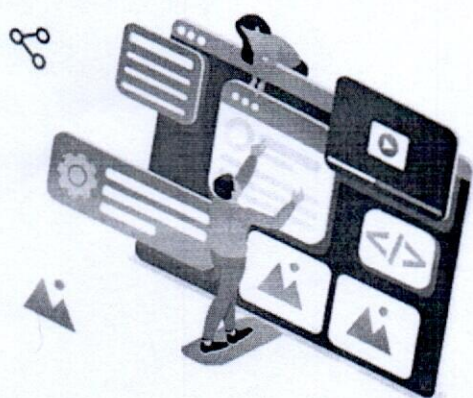
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IFTM University, Moradabad
School of Computer Science & Applications

VALUE ADDED COURSES (VAC)



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IFTM University, Moradabad
School of Computer Science & Applications
Value Added Courses

Preamble

It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. School of Computer Science & Applications, IFTM University offers a wide variety of short-term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts that help students stand apart from the rest, in the job market, by adding further value to their resume.

Program Objectives: The Value-Added Courses (VAC) main objective is to equip the students in current technologies and also to reduce the gap between academic and industry.

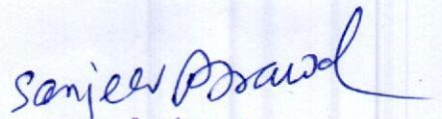
- To provide students an understanding of the latest technologies.
- To improve employability skills of computer science students.
- To bridge the skill gaps and make students corporate ready.

Why choose this program / these programmes?

It is a school-oriented training program, designed to competently prepare students in the finer aspects to make a suitable entry into the corporate world. Fresh graduates are moulded to analytically think and skillfully communicate, which in turn transforms them into perfect candidates with a skill sets that matches the expectation of any Organization.

Available Courses: There are various kinds of certificate courses available for undergraduate to graduate students. The students have the option to choose the courses according to their interests and inclinations. The value-added course offered in the form of training programs/ modules and are as follows:

1. **Basic Concept of Machine Learning using Python:** Machine Learning with Python course focuses on giving students a serious head-start and practical approach on building deployable machine learning models by offering an in-depth understanding of the major types of machine learning algorithms, comprising of supervised, unsupervised, and reinforcement learning using the most widely used programming language. (for program details see Annexure '1')


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2. **Latest Web Application Development Techniques:** Students will gain the skills and project-based experience needed for entry into web design and development careers. Students will be able to use a variety of strategies and tools to create websites. Students will develop awareness and appreciation of the myriad ways that people access the web and will be able to create standards-based websites that are accessible and usable by a full spectrum of users. (for program details see Annexure '2')

General Guidelines for students:

1. The students are advised to read the guidelines very carefully before proceeding.
2. The courses are open for all the students of Undergraduate and Post-Graduate Courses of the school.
3. The interested students are free to register in more than one Course.
4. Interested students are required to fill the registration form and the admission for a course will be done on first come first serve basis.
5. On the commencement of the course, it is mandatory for the students to attend all the classes pertaining to the course.
6. The students will not be eligible for certificate if the attendance in the opted course is less than 90%.
7. The assessment includes 50 marks for assignments & quiz test and 50 marks for final assessment.
8. The certificate shall be provided by the University to the students upon successful completion of the course.

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Program Summary:

Programme : **Value Added Courses (VAC)**

Participants : **UG / PG Level students**

Duration : **30-40 hours for each Module**

Medium of Instruction : **English**

Minimum Required Attendance: **90%**

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