



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaol)

NH-66, Kottara Chowki, Mangaluru, Karnataka 575006

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AJIET/CS/MIP/2021-22

Date:14-02-2022

CIRCULAR

Dear Students, we are excited to announce the Mini Project Program on “Web Technology and its Applications” for the 6th semester. This program offers you the opportunity to showcase your technical knowledge.

Eligible students can apply by submitting their Mini Project proposals for approval. Successful Project ideas may earn academic credit.

For more details, contact Mini Project Coordinator

Course Name: Web Technology and its Applications

Course Code: 18CS63

H.O.D. - Computer Science & Engineering
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangaluru - 575 006, D.K., Karnataka

Copy to,

1.LMET-Vice President, AJIET

2.Office-AJIET

Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
Scheme of Teaching and Examination 2018 – 19
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)
(Effective from the academic year 2018 – 19)

VI SEMESTER

| Sl. No | Course and Course code | | Course Title | Teaching Department | Teaching Hours /Week | | | Examination | | | Credits | | |
|--------------|------------------------|----------|--|--|----------------------|-----------|--------------------|-------------------|------------|------------|------------|-------------|----|
| | | | | | Theory Lecture | Tutorial | Practical/ Drawing | Duration in hours | CIE Marks | SEE Marks | | Total Marks | |
| | | | | | L | T | P | | | | | | |
| 1 | PCC | 18CS61 | System Software and Compilers | CS / IS | 3 | 2 | -- | 03 | 40 | 60 | 100 | 4 | |
| 2 | PCC | 18CS62 | Computer Graphics and Visualization | CS / IS | 3 | 2 | -- | 03 | 40 | 60 | 100 | 4 | |
| 3 | PCC | 18CS63 | Web Technology and its applications | CS / IS | 3 | 2 | -- | 03 | 40 | 60 | 100 | 4 | |
| 4 | PEC | 18CS64X | Professional Elective -1 | CS / IS | 3 | -- | -- | 03 | 40 | 60 | 100 | 3 | |
| 5 | OEC | 18CS65X | Open Elective –A | CS / IS | 3 | -- | -- | 03 | 40 | 60 | 100 | 3 | |
| 6 | PCC | 18CSL66 | System Software Laboratory | CS / IS | -- | 2 | 2 | 03 | 40 | 60 | 100 | 2 | |
| 7 | PCC | 18CSL67 | Computer Graphics Laboratory with mini project | CS / IS | -- | 2 | 2 | 03 | 40 | 60 | 100 | 2 | |
| 8 | MP | 18CSMP68 | Mobile Application Development | CS / IS | -- | -- | 2 | 03 | 40 | 60 | 100 | 2 | |
| 9 | INT | -- | Internship | (To be carried out during the intervening vacations of VI and VII semesters) | | | | -- | -- | -- | -- | -- | -- |
| TOTAL | | | | | 15 | 10 | 06 | 24 | 320 | 480 | 800 | 24 | |

Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project, INT: Internship.

Professional Elective -1**Course code under 18XX64X**

| Course code under 18XX64X | Course Title |
|---------------------------|--------------------------------------|
| 18CS641 | Data Mining and Data Warehousing |
| 18CS642 | Object Oriented Modelling and Design |
| 18CS643 | Cloud Computing and its Applications |
| 18CS644 | Advanced JAVA and J2EE |
| 18CS645 | System Modelling and Simulation |

Open Elective –A (Not for CSE / ISE Programs)

| | |
|---------|--|
| 18CS651 | Mobile Application Development |
| 18CS652 | Introduction to Data Structures and Algorithms |
| 18CS653 | Programming in JAVA |
| 18CS654 | Introduction to Operating System |

Students can select any one of the open electives offered by any Department (Please refer to the list of open electives under 18CS65X).

Selection of an open elective is not allowed provided,

- The candidate has studied the same course during the previous semesters of the programme.
- The syllabus content of open elective is similar to that of Departmental core courses or professional electives.
- A similar course, under any category, is prescribed in the higher semesters of the programme.

Registration to electives shall be documented under the guidance of Programme Coordinator/ Adviser/Mentor.

Mini-project work: Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary Mini- project can be assigned to an individual student or to a group having not more than 4 students.

CIE procedure for Mini-project:

(i) **Single discipline:** The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the Guide. The CIE marks awarded for the Mini-project work, shall be based on the evaluation of project report, project presentation skill and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.

(ii) **Interdisciplinary:** Continuous Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college. The CIE marks awarded for the Mini-project, shall be based on the evaluation of project report, project presentation skill and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.

SEE for Mini-project:

(i) **Single discipline:** Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department.

(ii) **Interdisciplinary:** Contribution to the Mini-project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted separately at the departments to which the student/s belongs to.

Internship: All the students admitted to III year of BE/B.Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and /or VII and VIII semesters. A University examination shall be conducted during VIII semester and the prescribed credit shall be included in VIII semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. Those, who do not takeup/complete the internship shall be declared fail and shall have to complete during subsequent University examination after satisfying the internship requirements

AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.