



1.1 CURRICULAR PLANNING AND IMPLEMENTATION

1.1.1 The institution ensures effective curriculum delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

1. Planning:

(i) The college adheres to the university's recommended curriculum and is affiliated with JNTUH, Hyderabad. The academic calendar is developed for each semester in accordance with the university's schedule. The allotment of subjects is done on the basis of the ability and experience of the faculty.

(ii) Before the start of the semester, each faculty member is required to prepare an assigned course file that includes a lesson plan, course materials, and assignment question papers.

(iii) Courses in similar domains are under general supervision. Curriculum gaps are identified through constructive stakeholder feedback.

(iv) The HOD evaluates the course file during a general academic plan review at the beginning of the semester, making recommendations as needed. Refresher courses, workshops, and seminars are recommended for the staff to stay updated.

2. Curriculum Delivery:

The college formulates an active plan for effective delivery of the curriculum through lectures and lab sessions. For analytical courses, tutorial classes are set up to improve students' problem-solving abilities. To support its faculty in ensuring the effective delivery of the curriculum, the institution provides a sufficient number of books and other learning resources, including journals, magazines, and teaching models.

3. Monitoring the implementation of curriculum delivery:

The class coordinator carefully observes how the course material is delivered and gives feedback to the HOD. The principal looks after the way the classes are conducted on a daily basis.

4. Monitoring the effectiveness of student learning:

Tests are conducted after the completion of each unit to maintain continuous evaluation. Students will get back the corrected answer sheets along with any important suggestions for improvement. Adequate measures are taken after identifying advanced and slow learners. Special classes are organized for slow learners, and advanced students are urged to enroll in value-added courses.



ACADEMIC CALENDAR:

Preparation of College academic calendar as per JNTUH academic calendar

- The college strictly follows the academic schedule which is published by the university.
- Different committees in the college will plan their events, which are escalated to the incharge of college academic coordinator who prepares the academic schedule for the academic year.
- Principal, HoDs, committee chairmen, will review the schedule, and approve the academic calendar.
- Academic schedule will be displayed widely.

COURSE FILE (should have the details of course file)

A lesson plan is a written document that outlines the format and specifics of a particular class within an academic year. The lesson plan specifies the number of periods, topics to be covered, and signatures of the HOD and Principal.

- Principals and HODs regularly evaluate the lecture dairy in accordance with lesson plan.

TIME TABLE PREPARATION:

Time tables are prepared that include time slots for class work, laboratories, projects, skill development clubs, seminars, counselling sessions, and the library.

CONTINUOUS INTERNAL EVALUATION

The Institute conducts two midterm examinations in a semester, carrying 10 marks for descriptive, 10 marks for objective, and 5 marks for assignments as per the instructions of JNTUH. An average of two mid marks is taken for internal evaluation of 25 marks, which is considered with external semester examinations, and for laboratory internal evaluation of 25 marks, which is also considered with external semester examinations.

File Description	Document
1.1.1 The institution ensures effective curriculum delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment	PROOFS



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Authentication Certificate

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WARANGAL - 506 371 (T.S.)



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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
ACADEMIC CALENDAR (2018-19)
FOR NON-AUTONOMOUS CONSTITUENT & AFFILIATED COLLEGES
B. TECH. I YEAR I & II SEMESTERS**

I SEM

S. No	EVENT	DATE	Duration
1.	Induction programme	16 th to 28 th July 2018	2 weeks
2.	Commencement of Instruction	30 th July 2018	
3.	First Mid Term Examinations	24 th to 26 th sept. 2018	
4.	Submission of First Mid Term Exam Marks to University on or before	4th Oct. 2018	
5.	Parent-Teacher Meeting	13 th Oct. 2018	
6.	Dussehra recess	15 th to 20 th Oct. 2018	1 week
7.	Last date of Instruction	28 th Nov. 2018	16 weeks
8.	Second Mid Term Examinations	29 th Nov. to 1 st Dec. 2018	
9.	Preparation Holidays and Practical Examinations	3 rd to 8 th Dec. 2018	1 week
10.	Submission of Second Mid Term Exam Marks to University on or before	8 th Dec. 2018	
11.	End Semester / Supplementary Examinations	10 th to 22 nd Dec. 2018	2 weeks
12.	Semester Break	24 th to 29 th Dec. 2018	1 week



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II SEM

S. No	EVENT	DATE	Duration
1.	Commencement of Instruction	31 st Dec. 2018	
2.	First Mid Term Examinations	25 to 27 Feb. 2019	
3.	Submission of First Mid Term Exam Marks to University on or before	7 th March 2019	
4.	Parent-Teacher Meeting	9 th March 2019	
5.	Last date of Instruction	20 April 2019	16 weeks
6.	Second Mid Term Examinations	22 to 24 th April 2019	
7.	Preparation Holidays and Practical Examinations	25 April to 1 st May 2019	1 week
8.	Submission of Second Mid Term Exam Marks to University on or before	1 st May 2019	
9.	End Semester / Supplementary Examinations	2 nd to 16 May 2019	2 weeks
10.	Summer Vacation	17 May to 6 th July 2019	7 weeks

DIRECTOR

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

REVISED ACADEMIC CALENDAR (2018-19)

FOR NON-AUTONOMOUS CONSTITUENT & AFFILIATED COLLEGES

B. TECH. I YEAR I & II SEMESTERS

I SEM

	EVENT	DATE	Duration
1	Induction programme	16 to 28 July 2018	2 weeks
2	Commencement of Instruction	30 th July 2018	
3	First Mid Term Examinations	24 th to 26 th sept. 2018	
4	Submission of First Mid Term Exam Marks to University on or before	4 th Oct: 2018	
5	Parent-Teacher Meeting	13 Oct. 2018	
6	Dussehra recess	15 th to 20 Oct. 2018	I week
7	Last date of Instruction	28 th Nov. 2018	16 weeks
8	Second Mid Term Examinations	29 th Nov. to 1 st Dec. 2018	
9	Preparation Holidays and Practical Examinations	3 rd to 8 th Dec. 2018	1 week
10	Submission of Second Mid Term Exam Marks to University on or before	8 th Dec, 2018	
11	End Semester / Supplementary Examinations	10 to 22 nd Dec. 2018	2 weeks
12	Semester Break	24 th to 29 th Dec. 2018	I week

II SEM

S. No	EVENT	DATE	Duration
1	Commencement of Instruction	2 nd Jan. 2019	
2	First Mid Term Examinations	27 Feb. To 1 st Mar. 2019	
3	Submission of First Mid Term Exam Marks to University on or before	8 th March 2019	
4	Parent-Teacher Meeting	9 March 2019	
5	Last date of Instruction	23 rd April 2019	16 weeks
6	Second Mid Term Examinations	24 to 26 April 2019	
7	Preparation Holidays and Practical Examinations	27 April to 4 May 2019	1 week
8	Submission of Second Mid Term Exam Marks to University on or before	Y ^d May 2019	
9	End Semester / Supplementary Examinations	18 May 2019	2 weeks
10	Summer Vacation	20 th May to 13 July 2019	8 weeks


DIRECTOR

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

REVISED ACADEMIC CALENDAR (2018-19)

FOR NON-AUTONOMOUS CONSTITUENT & AFFILIATED colleges B. TECH. II, III & IV YEARS I & II SEMESTERS

1 SEM

	EVENT	DATE	Duration
12.	Commencement of Instruction	9 July 2018	
13.	First Mid Term Examinations	4 th to 6 Sept. 2018	
14.	Submission of First Mid Term Exam Marks to University on or before	15 th Sept. 2018	
15.	Parent-Teacher Meeting	13 Oct. 2018	
16.	Dussehra recess	15 to 20 Oct. 2018	I week
17.	Last date of Instruction	10 Nov. 2018	16 weeks
18.	Second Mid Term Examinations	12 to 14 Nov. 2018	
19.	Preparation Holidays and Practical Examinations	15 to 24 Nov. 2018	I week
20.	Submission of Second Mid Term Exam Marks to University on or before	24 th Nov. 2018	
21.	End Semester / Supplementary Examinations	26 Nov. to Dec. 2018	2 Weeks
22.	Semester Break	10 to 15 Dec. 2018	1 week

II SEM

	EVENT	DATE	Duration
11.	Commencement of Instruction	24 Dec. 2018	
12.	First Mid Term Examinations	18 to Feb. 2019	
13.	Submission of First Mid Term Exam Marks to University on or before	27 th Feb. 2019	
14.	Parent-Teacher Meeting	9 March. 2019	
15.	Last date of Instruction	20 th April 2019	16 weeks
16.	Second Mid Term Examinations	22 nd to 24 April 2019	
17.	Preparation Holidays and Practical Examinations	25 April to 04 May 2019	I week
18.	Submission of Second Mid Term Exam Marks to University on or before	2019	
19.	End Semester / Supplementary Examinations	6 to 18 May 2019	2 weeks
20.	Summer Vacation	20 May to 13 Jul 2019	8 weeks

Parthasarathi
17.12.18
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COLLEGE ACADEMIC CALANDER (2018-2019)

B. Tech I, II, III, IV year I semester

I SEM

S. No	EVENT	DATE	Duration
1	Commencement of Instructions II, III, IV Year	9 th July 2018	----
2	Induction Program/Orientation Program for I year	16 th to 28 th July 2018	2 Weeks
3	Orientation Program and Parent meet	18 th July 2018	1 Day
4	Commencement of Instructions I Year	30 th July 2018	----
5	Workshop	25 th to 30 th 2018	1 Day
6	First Mid Term Examinations for II, III, IV Year	4 th to 6 th Sep 2018	3 Days
7	Seminar on Entrepreneurship	15/09/2018	1Day
8	IoT Hackathon	17 th to 19 Sept 2018	3 Days
9	First Mid Term Examinations for I Year	24 th to 26 th Sep 2018	3 Days
10	Career Guidance for III and IV years (TIPS for GATE)	25 th Sept 2018	1 Day
11	Innovision-2k	26 th to 29 th Sept 2018	3 Days
12	Fresher's Day	6 th oct 2018	1 Day
13	Dusserha recess	15 th to 20 th Oct 2018	1 Week
14	Awareness program on (VOTING)	1 st Nov 2018	1 Day
15	Last Date of Instruction for II, III, IV Years	10 th Nov 2018	---
16	Last Date of Instruction for I Year	28 th Nov 2018	---
17	Second Mid Term Examinations for II, III, IV Year	12 th to 14 th Nov 2018	3 Days
18	Second Mid Term Examinations for I Year	29 th Nov to 1 st Dec 2018	3 Days
19	Preparation Holidays & Practical Examinations II, III, IV Year	15 th to 24 th Nov 2018	1 Week
20	Preparation Holidays & Practical Examinations I Year	3 rd to 8 th Dec 2018	1 Week
21	End Semester Examinations II, III, IV Year	26 th Nov to 8 th Dec 2018	2 Week
22	End Semester Examinations I Year	10 th to 22 nd Dec 2018	2 Week
23	Semester break for II, III, IV Year	10 th to 15 th Dec 2018	1 Week
24	Semester break for I Year	24 th to 29 th Dec 2018	1 Week



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COLLEGE ACADEMIC CALANDER (2018-2019)

B. Tech I, II, III, IV-year II semester

II SEM

S.No	EVENT	DATE	Duration
1	Commencement of Instructions II, III, IV Year	24 th Dec 2018	---
2	Commencement of Instructions I Year	2 nd Jan 2019	---
3	Workshop on Research Methodology	11 th to 16 th Feb 2019	1 Week
4	First Mid Term Examinations for II, III, IV Year	18 th to 20 th Feb 2019	3 Days
5	First Mid Term Examinations for I Year	27 th Feb to 1 st March 2019	3 Days
6	Workshop	4 th to 19 th March 2019	2 Days
7	SRITHAM-2K19	18 TH April 2019	1 Day
8	Last Date of Instruction for I Year	23 rd April 2019	---
9	Seminar on Intellectual Property Rights	24 th April 2019	1 Day
10	Last Date of Instruction for II, III, IV Years	29 th April 2019	---
11	Second Mid Term Examinations for II, III, IV Year	22 nd to 29 th April 2019	---
12	Second Mid Term Examinations for I Year	24 th to 26 th April 2019	---
13	Preparation Holidays & Practical Examinations II, III, IV Year	25 th April to 4 th May 2019	1 Week
14	Preparation Holidays & Practical Examinations I Year	27 th April to 4 th May 2019	1 Week
15	End Semester Examinations II, III, IV Year	6 th to 18 th May 2019	2 Weeks
16	End Semester Examinations I Year	6 th to 18 th May 2019	2 Weeks
17	Summer Vacation for I, II, III, IV Year	20 th May to 13 th July 2019	8 Weeks



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REVISED ACADEMIC REGULATIONS R15 FOR B. TECH. (REGULAR)

CONTINUOUS INTERNAL ASSESSMENT

DISTRIBUTION AND WEIGHTAGE OF MARKS

1. The performance of a student in each semester or I year shall be evaluated subject-wise for a maximum of 100 marks for a theory and 75 marks for a practical subject. In addition, industry-oriented mini-project, seminar and project work shall be evaluated for 50, 50 and 200 marks, respectively.
2. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End Examination.
3. For theory subjects, during a semester there shall be 2 mid-term examinations. Each mid-term examination consists of one objective paper, one essay paper and one assignment. The objective paper and the essay paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for essay paper). The Objective paper is set with 20 bits of multiple choice, filling the blanks and matching type of questions for a total of 10 marks. The essay paper shall contain 4 full questions (one from each unit) out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 1 to 2.5 units of the syllabus, the second mid-term examination shall be conducted on 2.5 to 5 units. Five (5) marks are allocated for Assignments (as specified by the subject teacher concerned). The first Assignment should be submitted before the conduct of the first mid-examination, and the second Assignment should be submitted before the conduct of the second mid-examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each candidate. However, in the I year, there shall be 3 midterm examinations, each for 25 marks, along with 3 assignments in a similar pattern as above (1st mid shall be from Unit-I, 2nd mid shall be 2 & 3 Units and 3rd mid shall be 4 & 5 Units) and the average marks of the examinations secured (each evaluated for a total of 25 marks) in each subject shall be considered to be final marks for the internals/sessional. If any candidate is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University.

The details of the Question Paper pattern is as follows:

- a) The End semesters Examination will be conducted for 75 marks which consists of two parts viz. i). Part-A for 25 marks, ii). Part –B for 50 marks.
 - b) Part-A is compulsory question which consists of ten sub-questions. The first five sub-questions are from each unit and carries 2 marks each. The next five sub-questions are one from each unit and carries 3 marks each.
 - c) Part-B consists of five Questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an “either” “or” choice (that means there will be two questions from each unit and the student should answer any one question)
4. For practical subjects there shall be a continuous evaluation during a semester for 25 sessional marks and 50 end semester examination marks. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The end semester





examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University.

5. For the subject having design and/or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and Estimation, the distribution shall be 25 marks for internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for end semester examination. There shall be two internal tests in a Semester and the average of the two shall be considered for the award of marks for internal tests. However, in the I year class, there shall be three tests and the average will be taken into consideration.
6. There shall be an industry-oriented Mini-Project, in collaboration with an industry of their specialization, to be taken up during the vacation after III-year II Semester examination. However, the mini-project and its report shall be evaluated along with the project work in IV-year II Semester. The industry oriented mini-project shall be submitted in a report form and presented before the committee. It shall be evaluated for 50 marks. The committee consists of an external examiner, head of the department, the supervisor of the mini-project and a senior faculty member of the department. There shall be no internal marks for industry-oriented mini-project.
7. There shall be a seminar presentation in IV-year II Semester. For the seminar, the student shall collect the information on a specialized topic and prepare a technical report, showing his understanding of the topic, and submit it to the department. It shall be evaluated by the departmental committee consisting of head of the department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 50 marks. There shall be no external examination for the seminar.
8. There shall be a Comprehensive Viva-Voce in IV-year II semester. The Comprehensive Viva-Voce will be conducted by a committee consisting of Head of the Department and two Senior Faculty members of the Department. The Comprehensive Viva-Voce is intended to assess the student's understanding of the subjects he studied during the B. Tech. course of study. The Comprehensive Viva-Voce is evaluated for 100 marks by the Committee. There are no internal marks for the Comprehensive Viva-Voce.
9. Out of a total of 200 marks for the project work, 50 marks shall be allotted for Internal Evaluation and 150 marks for the End Semester Examination (Viva Voce). The End Semester Examination of the project work shall be conducted by the same committee as appointed for the industry-oriented mini-project. In addition, the project supervisor shall also be included in the committee. The topics for industry oriented mini project, seminar and project work shall be different from one another. The evaluation of project work shall be made at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project.
10. The Laboratory marks and the sessional marks awarded by the College are subject to scrutiny and scaling by the University wherever necessary. In such cases, the sessional and laboratory marks awarded by the College will be referred to a committee. The Committee will arrive at a scaling factor and the marks will be scaled accordingly. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective





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institutions as per the University rules and produced before the Committees of the University as and when asked for.

11. The 'Gender Sensitization' course in II Year II semester in B.Tech. and B. Pharmacy for all the branches in the Constituent and Affiliated Colleges of JNTUH including Autonomous Colleges as a compulsory subject in addition to the existing course structure of R 13 and R15 Regulations and it should be treated as a Lab subject (Student Centered) with two credits from the academic year 2015-16.
12. Internal assessment should be based on attendance requirement as per the norms of the University, Assignments (during the course) and a mini project (at the end of the course).
13. Since this is a value-added course, the name of the course may be reflected in the Marks Memo. Final result would be Pass/Fail based on the marks obtained in the Internal Evaluation. Marks obtained in the course will not be included in the aggregate marks for the award of the degree. 40% marks should be obtained to get a pass grade



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CSE SUBJECT ALLOTMENT SEM-I (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Data Warehousing and Data Mining	Dr. Erukala Sudarshan
2	Data Structures through C++	Ranadheer Reddy Goli
3	Object Oriented Programming using C++	Ranganath Kanakam
4	Linux Programming	Ranjith Kumar Marrikukkala
5	Design Patterns	Mahesh Akarapu
6	Mobile Computing	Chandragiri Shiva Sai Prasad
7	Cloud Computing	Shwetha Sirikonda
8	Design and Analysis of Algorithms	Shabana Mohammed
9	Object Oriented Programming using C++	Thota Sruthi
10	Software Engineering	Valpadasu Hema
11	Data Warehousing and Data Mining	Sravanthi Thota
12	Data Communication and Computer Networks	Akula Ramakrishna
13	Mobile Computing	Bonthala Prabhanjan Yadav
14	Software Engineering	Nethravathi Rippika
15	Computer Forensics	Vasam Srinivas
16	Design Patterns	Vatte Pranathi
17	Data Structures through C++	Mannanuddin Khaja
18	Mathematics – IV	T.Raja Jithendar
19	Principles of Electronic Communications	N.Swathi
20	Mathematical Foundations of Computer Science	K.Rajesh chary
21	Digital Logic Design	T.Chandra Prakash

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CSE SUBJECT ALLOTMENT SEM-II (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Database Management Systems	Dr. Erukala Sudarshan
2	Compiler Design	Ranadheer Reddy Goli
3	Formal Languages and Automata Theory	Ranganath Kanakam
4	Web Technologies	Ranjith Kumar Marrikukkala
5	Ad hoc and Sensor Networks	Mahesh Akarapu
6	Semantic Web and Social Networks	Chandragiri Shiva Sai Prasad
7	Operating Systems	Shwetha Sirikonda
8	Compiler Design	Shabana Mohammed
9	Design Patterns	Thota Sruthi
10	Computer Organization	Valpadasu Hema
11	Web Technologies	Sravanthi Thota
12	Cryptography and Network Security	Akula Ramakrishna
13	Operating Systems	Bonthala Prabhanjan Yadav
14	Computer Organization	Nethravathi Rippika
15	Database Management Systems	Vasam Srinivas
16	Design Patterns	Vatte Pranathi
17	Cryptography and Network Security	Mannanuddin Khaja
18	Principles of Computer Communications and Networks	Ch. Padmaja
19	Business Economics and Financial Analysis	K.M.Sujatha
20	Management Science	K.M.Sujatha

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ECE SUBJECT ALLOTMENT SEM-I (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Mathematics IV	Mr.K.Rajesh Chary
2	Analog Electronics	Mr.Nuneti Govardhan
3	Electrical Technology	Mr.P.Mahesh
4	Signals and Stochastic Process	Ms.Chinthireddy Padmaja
5	Network Analysis	Mr.M.S.Teja
6	Electromagnetic Theory and Transmission Lines	Mr.Shyam Sunder Merugu
7	Linear and Digital IC Applications	Mr.Kommabatla Mahender
8	Digital Communications	Ms.Raghava Kumari Deevi
9	Fundamentals of Management	Ms.K.M.Sujatha
10	Database management systems	Mr.V.Pranathi
11	Management Science	Ms.K.M.Sujatha
12	Microwave Engineering	Mr.Ravikiran Karre
13	Computer Networks	Mr.A.Mahesh
14	Cellular and Mobile Communications	Mr.Maisagalla Gopal
15	Digital Image Processing	Mr.Eelandula Kumaraswamy
16	Optical Communications	Dr.Pritam Singh Bakariya

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ECE SUBJECT ALLOTMENT SEM-II (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Switching Theory and Logic Design	Ms.Anitha Maddhi
2	Pulse and Digital Circuits	Mr.Nuneti Govardhan,
3	Control Systems	Mr.M.S.Teja
4	Analog Communications	Mr.Maisagalla Gopal
5	Business Economics and Financial Analysis	Ms.K.M.Sujatha
6	Java Programming	Mr.B.Prabanjan
7	Digital Image Processing	Mr.Shyam Sunder Merugu
8	Antennas and Wave Propagation	Mr.Ravikiran Karre
9	Microprocessors and Microcontrollers	Ms.Raghava Kumari Deevi
10	Digital Signal Processing	Mr.Talapelli Chandra Prakash
11	Satellite Communications	Ms.Nandikonda Swathi
12	Radar Ssystems	Dr.Pritam Singh Bakariya
13	Digital Signal Processors and Architectures	Mr.Eelandula Kumaraswamy


HOD





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EEE SUBJECT ALLOTMENT SEM-I (A.Y 2018-19)		
S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Electromagnetic Fields	R.Shashi kumar Reddy
2	High Voltage Engineering	
3	Electrical Circuits Lab	
4	Power Electronics	M.Radhika
6	Electrical Machines Lab-1	
7	Electrical Circuit Analysis	K.Sravan kumar
8	Power System -II	
9	Electrical Circuits Lab	
10	Measurements And Instrumentation	S.Anitha
11	Measurements And Instrumentation Lab	
12	Power System Simulation Lab	M.S Teja/S.Anitha
13	Electrical Machines-I	E.Suresh
14	Electrical Machines Lab -I	
15	Highvoltage Dc Transmission	P.Mahesh
16	Basic Electrical Engineering	
17	Measurements And Instrumentation Lab	
18	Electrical And Hybrid Vehicles	M.S.Teja
19	Power System Simulation Lab	
20	Engineering Mechanics	A.Rajesh
21	Analog Electronics	N. Govardhan
22	Business Economics and Financial Analysis	K.M.Sujatha
23	Fundamentals of Management for Engineers	V.Srinivas

R. S. K. Reddy
HOD



Rajini

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





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EEE SUBJECT ALLOTMENT SEM-II (A.Y 2018-19)		
S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Control Systems	R.Shashi kumar Reddy
2	Renewable Energy Sources	
3	HVDC Facts	M.S.Teja
4	Power Electronics Lab	
5	Power System Analysis	K.Sravan kumar
6	Control System Lab	
7	Power System-1	
8	Switch Gear and Protection	S.Anitha
9	Power Electronics Lab	
10	Power System Lab	E.Suresh
11	Electrical & Electronics Instrumentation	
12	Electrical Machines Lab-II	M.Radhika
13	Ehv Ac Transmission Systems	
14	Control System Lab	
15	Power Electronics	P.Mahesh
16	Electrical Machines-II	
17	Electrical Machines Lab-II	
18	Switching Theory & Logic Design	K.Mahender Sharma
19	Business Economics and Financial Analysis	K.M.Sujatha

R. S. K. Reddy
HOD



Rajin

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WARANGAL - 506 371 (T.S.)





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H&SC SUBJECT ALLOTMENT SEM-I (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Mathematics - I	T.Raja Jithender
2	Applied Physics	Ch.Krishna Reddy/A.Srinivas
3	Programming for Problem Solving	K.Divya/Sukhveerji
4	Engineering Graphics	A.Rajesh/Dr.I.Rajasree Reddy
5	Applied Physics Lab	Ch.Krishna Reddy/A.Srinivas
6	Programming for Problem Solving Lab	K.Divya/Sukhveerji

Srinivas
JOD



Rajini

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WARANGAL - 506 371 (T.S.)



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H&SC SUBJECT ALLOTMENT SEM-II (A.Y 2018-19)

S. No.	NAME OF THE COURSE	NAME OF THE FACULTY
1	Mathematics - II	T.Raja Jithender
2	Chemistry	Dr.N.Srivani
3	Basic Electrical Engineering	Ram Prasad
4	Engineering Workshop	A.Rajesh
5	English	P.Vijaya Laxmi/T.Kumara Swamy
6	Engineering Chemistry Lab	Dr.N.Srivani
7	English Language and Communication Skills Lab	P.Vijaya Laxmi/T.Kumara Swamy
8	Basic Electrical Engineering Lab	Ram Prasad



Rajani

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Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)



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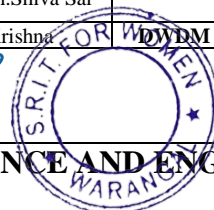
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Consolidated Time - Table - I Sem (A.Y.2018-19)

w.e.f. 09-07-2018									
Day	Branch	9:30-10:20	10:20-11.05	11:15-12:00	12:00-12:50	12:50 to 1:30	1:30-2:20	2:20-3:10	3:10-4:00
		I	II	III	IV		V	VI	VII
MON	II CSE A	MFCS	JAVA LAB/ITWS LAB			LUNCH	JAVA	DS	DLD
	II CSE B	DLD	M-IV	MFCS	DS		M-IV	DLD	JAVA
	III CSE A	FM	DCCN	DAA	PEC		DAA LAB		
	III CSE B	DAA	PEC	DCCN	SE		SE/CN LAB		
	IV CSE A	LP	LP / DWDM LAB				CF	CC	DWDM
	IV CSE B	DWDM	CF	CC	DP		MC	LP	DP
TUE	II CSE A	JAVA	DLD	DS	MFCS		DLD	M-IV	JAVA
	II CSE B	DLD	JAVA/ITWS LAB				JAVA	DS	MFCS
	III CSE A	DCCN	FM	SE	DAA		SE/CN LAB		
	III CSE B	PEC	DAA	DCCN	PEC		DAA LAB		
	IV CSE A	CF	DP	CC	MC		LP	DP	DWDM
	IV CSE B	MC	LP / DWDM LAB				DWDM	CF	LP
WED	II CSE A	M-IV	DS / ITWS LAB				ASSOCIATION		
	II CSE B	DS	DLD	JAVA	MFCS		ASSOCIATION		
	III CSE A	DAA	PEC		DCCN		ASSOCIATION		
	III CSE B	SE	DCCN	SE	FM		ASSOCIATION		
	IV CSE A	CC	LP / DWDM LAB				ASSOCIATION		
	IV CSE B	LP	DP	CF	CC		ASSOCIATION		
THU	II CSE A	JAVA	MFCS	DLD	DS		LIBRARY	DS	M-IV
	II CSE B	MFCS	DS/ITWS LAB				DAA LAB		
	III CSE A	PEC	DCCN	SE	FM		SE	DCCN	SE
	III CSE B	FM	PEC	DAA	PEC		CC	MC	LP
	IV CSE A	DP	MC	DP	CF		MC	DWDM	CF
	IV CSE B	CC	LP / DWDM LAB				LIBRARY	M-IV	MFCS
FRI	II CSE A	DLD	JAVA	DS	M-IV	JAVA	MFCS	LIBRARY	
	II CSE B	JAVA	DS	M-IV	DLD	SE / CN LAB			
	III CSE A	SE	FM	PEC	DAA	DAA LAB			
	III CSE B	DAA	SE / CN LAB			DWDM	CF	CC	
	IV CSE A	DWDM	LP	MC	DP	DP	CC		
	IV CSE B	CF	CC	DWDM	LP	ASSOCIATION			
SAT	II CSE A	MFCS	DS	M-IV	LIBRARY	ASSOCIATION			
	II CSE B	M-IV	DS / ITWS LAB			ASSOCIATION			
	III CSE A	SE	DAA	SE	DCCN	ASSOCIATION			
	III CSE B	DCCN	SE	FM	DAA	ASSOCIATION			
	IV CSE A	MC	LP	CF	DWDM	ASSOCIATION			
	IV CSE B	DP	DWDM	CC	LP	ASSOCIATION			
SUBJECT	II YEAR		SUBJECT	III YEAR		SUBJECT	IV YEAR		
	CSE A	CSE B		CSE A	CSE B		CSE A	CSE B	
M-IV	T.Raja Jithendar		DAA	Shabana		LP	M.Ranjith Kumar		
DSC++	G.Ranadheer Reddy	K.Mannanuddin	DCCN	A.Rama Krishna		DP	V.Pranathi	A Mahesh	
MFCS	K.Rajesh chary		SE	V.Hema		DWDM	Dr.E.Sudarshan	T.Sravanthi	
DLD	T.Chandra Prakash		FM	K.Sujatha		CC	S.Shwetha		
OOPS	K.Ranganath	T.Sruthi	PEC	N.Swathi		MC	B.Prabhanjan	Ch.Shiva Sai Prasad	
DSC++ Lab	G.Ranadheer Reddy/A.Mahesh	R.Nethravathi	DAA Lab	Shabana / T.Sravanthi		CF	V.Srinivas		
ITWS Lab	V.Hema	T.Shruthi	SE Lab	V.Hema / Ch.Shiva Sai	R.Nethravathi / Ch.Shiva Sai	LP Lab	M.Ranjith Kumar / B.Prabhanjan Yadav		
OOPS Lab	S.Shwetha		CN Lab	A.Rama Krishna		DWDM	Dr. E.Sudharshan / V.Srinivas		

Ranganath
I/C TIME TABLE

H.O.D



Rajan
PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sumathi Reddy Institute of Technology for
Ananthasagar (V), Hasanparthy
WARANGAL - 506 371 (T.S.)

Ananthasagar, Hasanparthy, Warangal -506371, Telangana. Website: www.sritw.org

Phone no: 0870-2818302. Email: principal@sritw.org



Consolidated Time - Table - II Sem (A.Y.2018-19)

Day	Branch					12:50 to 1:30 PM	w.e.f. 24-12-2018		
		9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50		1:30-2:20	2:20-3:10	3:10-4:00
		I	II	III	IV				
MON	II CSE A	FLAT	DBMS / OS LAB			LUNCH	V	VI	VII
	II CSE B	DBMS	CO	OS	FLAT		BEFA	OS	DBMS
	III CSE A	WT	DP	CD	PCN		CO LAB		
	III CSE B	DP	PCN	WT	CNS		DP	WT	CNS
	IV CSE A	SWSN		ASN	MS		PCN	CD	LIBRARY
	IV CSE B	ASN		SWSN	LIBRARY		LIBRARY	ASN	
TUE	II CSE A	DBMS	CO	BEFA	FLAT		CO LAB		
	II CSE B	OS	DBMS / OS LAB				DBMS	BEFA	FLAT
	III CSE A	CNS	WT LAB				CNS	WT	CD
	III CSE B	DP	PSC	CNS	PCN		CNS / AECS LAB		
	IV CSE A	SWSN		LIBRARY	SWSN		LIBRARY	MS	
	IV CSE B	MS	LIBRARY	ASN			LIBRARY	SWSN	
WED	II CSE A	OS	CO LAB				ASSOCIATION		
	II CSE B	CO	BEFA	DBMS	BEFA		ASSOCIATION		
	III CSE A	CD	CNS / AECS LAB				ASSOCIATION		
	III CSE B	WT	WT LAB				ASSOCIATION		
	IV CSE A	ASN		MS			ASSOCIATION		
	IV CSE B	MS		SWSN	ASN		ASSOCIATION		
THU	II CSE A	CO	DBMS / OS LAB			DBMS	FLAT	BEFA	
	II CSE B	CO	OS	FLAT	BEFA	CO LAB			
	III CSE A	DP	CNS	LIBRARY	CD	WT	PCN	DP	
	III CSE B	PCN	CD	WT	DP	LIBRARY	CD	CNS	
	IV CSE A	PROJECT WORK			PROJECT WORK				
	IV CSE B	PROJECT WORK			PROJECT WORK				
FRI	II CSE A	OS	DBMS	CO	OS	BEFA	CO	FLAT	
	II CSE B	OS	FLAT	CO	DBMS	DBMS / OS LAB			
	III CSE A	PCN	WT LAB	PCN	CD	LIBRARY	DP	CNS	
	III CSE B	CD	CNS / AECS LAB			CNS	WT	DP	
	IV CSE A	PROJECT WORK			PROJECT WORK				
	IV CSE B	PROJECT WORK			PROJECT WORK				
SAT	II CSE A	CO	OS	FLAT	DBMS	ASSOCIATION			
	II CSE B	FLAT	DBMS	CO	OS	ASSOCIATION			
	III CSE A	PCN	CNS / AECS LAB			ASSOCIATION			
	III CSE B	CNS	CD	WT	DP	ASSOCIATION			
	IV CSE A	PROJECT WORK			ASSOCIATION				
	IV CSE B	PROJECT WORK			ASSOCIATION				
SUBJECT	II YEAR		SUBJECT	III YEAR		SUBJECT	IV YEAR		
	CSE A	CSE B		CSE A	CSE B		CSE A	CSE B	
CO	R.Nethravathi	V.Hema	CD	Shabana	G.Ranadheer Reddy	MS	K.Sujatha		
DBMS	Dr. E.Sudarshan	V.Srinivas	WT	M.Ranjith Kumar	T.Sravatnhi	SWSN	Ch.Shiva Sai Prasad		
OS	S.Shwetha	B.Prabhanjan	CNS	A.Rama Krishna	K.Mannanuddin	ASN	A.Mahesh		
FLAT	K.Ranganath		PCCN	Ch. Padmaja					
BEFA	K.M.Sujatha		DP	V.Pranathi					
CO LAB	R.Nethravathi/ V.Hema	V.Hema/ R.Nethravathi	CNS LAB	B.Prabhanjan / Shiva Sai Prasad	B.Prabhanjan /A.Rama Krishna				
DBMS LAB	Dr. E.Sudarshan /T.sruthi	Shabana /T.sruthi	WT LAB	V.Pranathi					
OS LAB	S.Shwetha / A.Mahesh	S.Shwetha / VS	AECS LAB	P.Vijaya Lakshmi	T.Kumara Swamy				

Ranganath
I/C TIME TABLE

[Signature]



Rajin
PRINCIPAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Sumathi Reddy Institute of Technology for Women
 Ananthasagar (V), Hasanparthy
 WARANGAL - 506 371 (T.S)



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CONSOLIDATED TIME TABLE - I SEM (2018-19)

W.e.f. :2-7-2018

Day	Branch	9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50	12:50 to 01:30	1:30-2:20	2:20-3:10	3:10-4:00
		I	II	III	IV		V	VI	VII
MON	II-ECE A	NA	<----PDC B1/ AE B2 LAB----->			L U N C H	NA	ET	M-IV
	II-ECE-B	SSP	NA	ET	M-IV		<----PDC B1/ AE B2 LAB----->		
	III-ECE-A	DC	EMTL	FM	LDIC		<----AECS B1/ DSP B2 LAB----->		
	III-ECE-B	FM	EMTL	DC	DBMS		LDIC	DC	DBMS
	IV-ECE	MS	MWE	CN	DIP		<--MWE B1&DC B1 LAB-->		
TUE	II-ECE A	AE	ET	M-IV	NA		SSP	NA	ET
	II-ECE-B	NA	<----PDC B1/ AE B2LAB----->				AE	ET	M-IV
	III-ECE-A	DBMS	EMTL	LDIC	FM		DC	DBMS	LIBRARY
	III-ECE-B	DC	<----AECS B1/ DSP B2 LAB----->				EMTL	FM	LDIC
	IV-ECE	OC	<--MWE B1&DC B2 LAB-->				MWE	DIP	CN
WED	II-ECE A	SSP	<----AE B1/ AC B2 LAB----->				<----ASSOCIATION----->		
	II-ECE-B	SSP	M-IV	*M-IV	AE		<----ASSOCIATION----->		
	III-ECE-A	LDIC	EMTL	FM	DC		<----ASSOCIATION----->		
	III-ECE-B	LDIC	EMTL	DC	FM		<----ASSOCIATION----->		
	IV-ECE	CN	CMC	MWE	MS		<----ASSOCIATION----->		
THU	II-ECE A	ET	AE	M-IV	NA	<----AC B1 /PDC B2 LAB----->			
	II-ECE-B	M-IV	<----AE B1 / AC B2 LAB----->			SSP	AE	M-IV	
	III-ECE-A	FM	DBMS	DC	EMTL	<----MPMC B1/ AECS B2 LAB----->			
	III-ECE-B	DC	FM	LDIC	EMTL	DBMS	DC	LIBRARY	
	IV-ECE	DIP	MWE	CMC	OC	<---ACS LAB--->			
FRI	II-ECE A	M-IV	SSP	AE	ET	NA	SSP	SSP	
	II-ECE-B	ET	AE	NA	SSP	<----AC B1 / PDC B2 LAB----->			
	III-ECE-A	FM	<----DSP B1/ MPMC B2 LAB----->			LDIC	DBMS	LIBRARY	
	III-ECE-B	DBMS	LDIC	FM	EMTL	<----MPMC B1/ AECS B2 LAB----->			
	IV-ECE	CMC	MWE	OC	MS	CN	CMC	LIBRARY	
SAT	II-ECE A	ET	SSP	AE	NA	<----ASSOCIATION----->			
	II-ECE-B	NA	ET	AE	SSP	<----ASSOCIATION----->			
	III-ECE-A	DC	DBMS	LDIC	EMTL	<----ASSOCIATION----->			
	III-ECE-B	DBMS	<----DSP B1/ MPMC B2 LAB----->			<----ASSOCIATION----->			
	IV-ECE	CN	DIP	MS	MWE	<----ASSOCIATION----->			

II - II ECE
M-IV :Rajesh Chary
AE: K.Srinivas (A)
ET:S.Anitha
SSP:Ch.Padmaja

NA:MS Teja
EDC Lab : N.Govardhan/K.Srinivas

BS Lab :T.Chandraprakash
BEE LAB :MS Teja /MS.Teja

III - ECE
FM:K.M Sujatha
LDIC: K.Mahendra Sharma
DC: D.Raghava kumari
EMTL:ShyamsunderMerugu

DBMS: V.Pranathi
LICA Lab : K.Mahender sharma,E.Kumaraswamy
DICA Lab : M.Shyam sunder
DC Lab : D.Raghava kumari

IV - ECE
MS: K.M. Sujatha
MWE:K.Ravikiran
CN :A.Mahesh
CMC: Dr.M.Gopal
E1-DIP:E.Kumaraswamy
E2- OC:Dr.Preetham Singh
ACS LAB :P.Vijayalaxmi/T.Kumaraswamy
MWE & DC lab :M.Swathi/K.Ravi kiran

NO Time Table

HOD



Rajesh
Principal

Sumathi Reddy Institute of Technology for Women
 Ananthasagar (V), Hasanparthy (M)
 WARANGAL - 506 371 (T.S.)



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING CONSOLIDATED TIME TABLE - II SEM (2018-19)

W.e.f. :24-12-2018

Day	Branch	9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50	12:50 to 01:30	1:30-2:20	2:20-3:10	3:10-4:00
		I	II	III	IV		V	VI	VII
MON	II-ECE A	BEFA	<----PDC B1/ AE B2 LAB----->			L	AC	CS	STLD
	II-ECE-B	STLD	BEFA	AC	CS		<----PDC B1/ AE B2 LAB----->		
	III-ECE-A	MPMC	DIP	AWP	DSP		<----AECS B1/ DSP B2 LAB----->		
	III-ECE-B	AWP	DIP	MPMC	JAVA		DSP	MPMC	JAVA
	IV-ECE	SC	SC	DSPA	DSPA		RS	SEMINAR	
TUE	II-ECE A	PDC	AC	CS	STLD	L	BEFA	DSP	AC
	II-ECE-B	PDC	<----PDC B1/ AE B2LAB----->				CS	AC	DSP
	III-ECE-A	JAVA	DIP	DSP	AWP		MPMC	JAVA	LIBRAR Y
	III-ECE-B	MPMC	<----AECS B1/ DSP B2 LAB----->				DIP	AWP	DSP
	IV-ECE	RS	RS	SC	SC		DSPA	RS	LIBRAR Y
WED	II-ECE A	STLD	<----AE B1/ AC B2 LAB----->			U	<----ASSOCIATION----->		
	II-ECE-B	STLD	CS	*CS	PDC		<----ASSOCIATION----->		
	III-ECE-A	DSP	DIP	AWP	MPMC		<----ASSOCIATION----->		
	III-ECE-B	DSP	DIP	MPMC	AWP		<----ASSOCIATION----->		
	IV-ECE	RS	SC	DSPA	DSPA		<----ASSOCIATION----->		
THU	II-ECE A	AC	PDC	CS	BEFA	N	<----AC B1 / PDC B2 LAB----->		
	II-ECE-B	CS	<----AE B1 / AC B2 LAB----->				STLD	ASSOCIATION	
	III-ECE-A	AWP	JAVA	MPMC	DIP		<----MPMC B1/ AECS B2 LAB----->		
	III-ECE-B	MPMC	AWP	DSP	DIP		JAVA	DIP	LIBRAR Y
	IV-ECE	<----PROJECT WORK/ SEMINAR----->					<----PROJECT WORK/ SEMINAR----->		
FRI	II-ECE A	CS	STLD	PDC	AC	C	ASSOCIATION		STLD
	II-ECE-B	AC	STLD	BEFA	PDC		<----AC B1 / PDC B2 LAB----->		
	III-ECE-A	AWP	<----DSP B1/ MPMC B2 LAB----->				DSP	JAVA	LIBRAR Y
	III-ECE-B	JAVA	DSP	AWP	DIP		<----MPMC B1/ AECS B2 LAB----->		
	IV-ECE	<----PROJECT WORK/ SEMINAR----->					<----PROJECT WORK/ SEMINAR----->		
SAT	II-ECE A	AC	STLD	PDC	BEFA	H	<----ASSOCIATION----->		
	II-ECE-B	BEFA	AC	PDC	STLD		<----ASSOCIATION----->		
	III-ECE-A	MPMC	JAVA	DSP	DIP		<----ASSOCIATION----->		
	III-ECE-B	JAVA	<----DSP B1/ MPMC B2 LAB----->				<----ASSOCIATION----->		
	IV-ECE	<----PROJECT WORK/ SEMINAR----->					<----ASSOCIATION----->		

II - ECE

CS:MS Teja
PDC: K.Srinivas /N.Govardhan
AC:Dr.M.Gopal
STLD: M.Anitha
BEFA: KM Sujatha
PDC Lab : N.Govardhan, K.Srinivas
AC Lab :T.Chandraprakash/CH.Padmaja
AE LAB: M.Anitha

III - ECE

AWP: K.Ravi Kiran
DSP:T.Chandraprakash/K.Mahender
MPMC: D.Raghavakumari
DIP:ShyamsunderMerugu
JAVA: B.Prabanjan
DSP Lab :N.Swathi/M.Ramprasad
MPMC Lab :D.Raghavakumari
AECS Lab : P. Vijayalaxmi

IV - ECE

RS : Dr.Preetham Singh
DSPA:E.Kumaraswamy
SC : N.Swathi

Signature
Time Table

Signature
HOD.



Signature
Principal

Copy to Principal, A.O. Examination Branch, All H.O.Ds (EEE, ECE, CSE, H&Sc), EDC, T&P





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

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Department of Electrical & Electronics Engineering SCONSOLIDATED TIME TABLE - I SEM (A.Y. 2018-19)

w.e.f.: 09-07-2018

Day	Branch	9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50	12:50 to 01:30	1:30-2:20	2:20-3:10	3:10-4:00
		I	II	III	IV		V	VI	VII
MON	II- EEE	EM	EM -1 LAB/EC LAB			L U N C H	EMF	EM-1	SPORTS
	III- EEE	BEFA	M&I	PE			ES	HVE	M&I
	IV- EEE	E&HV	FM	TRAINING CLASSES			HVDC	E&HV	LIBRARY
TUE	II- EEE	ECA	AE- LAB				EM-1	AE	EMF
	III- EEE	ACS LAB		PS-II			HVE	M&I	LIBRARY
	IV- EEE	HVDC	FM	TRAINING CLASSES			HVDC	E&HV	FM
WED	II- EEE	AE	EM-1	EMF	ECA		ASSOCIATION		
	III- EEE	M&I	PE/PSS LAB				ASSOCIATION		
	IV- EEE	FM	HVDC	E&HV	ES		ASSOCIATION		
THU	II- EEE	EM-1	EC LAB/EM-1 LAB				ECA	EM	AE
	III- EEE	M&I	M&I LAB			PS-II		PE	
	IV- EEE	ES	E&E DESIGN Lab/Tutorial			ES	HVDC	LIBRARY	
FRI	II- EEE	EMF	AE	ECA	EM-1	EM	EMF	SPORTS	
	III- EEE	HVE	PSS/PE LAB			HVE	BEFA	PE	
	IV- EEE	HVDC	E&E DESIGN Lab/Tutorial			ES	E&HV	FM	
SAT	II- EEE	EMF	EM-1	ECA	EM	ASSOCIATION			
	III- EEE	M&I	BEFA	PE	HVE	ASSOCIATION			
	IV- EEE	ES	E&HV	TRAINING CLASSES		ASSOCIATION			
II - EEE (Room. No:210)			III - EEE (Room. No:211)			IV- EEE (Room. No:212)			
EM	A.Rajesh	PE	M. Radhika		ES	M.Anitha			
ECA	K.Sravan kumar	PS-II	K.Sravan Kumar		FM	V.Srinivas			
AE	N. Govardhan	M&I	S.Anitha		E & HV	M.S TEJA			
EM-1	E.Suresh	BEFA	K.M.Sujatha		HVDC	P.Mahesh			
EMF	R.Shashi kumar Reddy	HVE	R.Shashi Kumar Reddy		Project Coordinator :	M.S TEJA / K.Sravan Kumar			
EM -1 LAB	E.Suresh/M. Radhika	PSS LAB	M.S TEJA/S.ANITHA		Training Classes:	V.Srinivas			
AE- LAB	N. Govardhan	PE LAB	M.S.Teja						
EC LAB	K.Sravan kumar/R.Shashi Kumar Reddy	M&I LAB	S.Anitha/P.MAHESH						
		ACS LAB	T.Kumara Swamy						

I/C Time Table

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Department of Electrical & Electronics Engineering CONSOLIDATED TIME TABLE - II SEM (A.Y. 2018-19)

W.e.f. :24-12-2018

Day	Branch	9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50	12:50 to 01:30	1:30-2:20	2:20-3:10	3:10-4:00	
		I	II	III	IV		V	VI	VII	
MON	II- EEE	STLD	EC/EM-II LAB			L U N C H	STLD	EM-II	CS	
	III- EEE	PE	SGP	PSA			SGP	PCCN	LIBRARY	
	IV- EEE	RES	EHVAC		HVDC		RES	HVDC	SPORTS	
TUE	II- EEE	EM-II	CS/EC LAB				CS	PS-I		
	III- EEE	EEI	PE/PS LAB				PE	SGP	PSA	
	IV- EEE	HVDC	RES		EHVAC		RES	LIBRARY		
WED	II- EEE	PS-I	CS	EM-II			ASSOCIATION			
	III- EEE	PCCN	EEI	PSA			ASSOCIATION			
	IV- EEE	RES	HVDC		EHVAC		ASSOCIATION			
THU	II- EEE	STLD	EM-II/CS LAB				CS	SPORTS		
	III- EEE	SGP	PCCN	PE		EEI	LIBRARY			
	IV- EEE	PROJECT				PROJECT				
FRI	II- EEE	BEFA	CS	EM-II	PS-I	CS	STLD			
	III- EEE	PCCN	AECS/PE LAB			PE	SGP	EEI		
	IV- EEE	PROJECT				PROJECT				
SAT	II- EEE	BEFA		STLD	PS-I	ASSOCIATION				
	III- EEE	PSA	PS/AECS LAB			ASSOCIATION				
	IV- EEE	PROJECT				ASSOCIATION				
II - EEE (Room. No:210)		III - EEE (Room. No:211)			IV- EEE (Room. No:212)					
PS-1	K.SRAVAN KUMAR	PSA	K.SRAVAN KUMAR		RES	R.SHASHI KUMAR				
EM-II	P.MAHESH	PE	P.MAHESH		EHVA	M.RADHIK				
CS	R.SHASHI KUMAR	SGP	S.ANITHA		C	A				
STLD	K.MAHENDER SHARMA	EEI	E.SURESH		HVDC	M.S TEJA				
BEFA	K.M.Sujatha	PCCN	P.DIVYA		Facts	MS TEJA				
CS LAB		PS LAB	S.ANITHA/E.SURES		PROJE	CT				
K.SRAVAN KUMAR/M.RADHIKA		H LAB	H							
EM-II LAB		PE LAB	M.S TEJA/S.ANITHA							
M.RADHIKA/P.MAHESH		AECS LAB	AECS LAB							
H		LAB	E.KUMARA SWAMY							
EC LAB										
M.ANITHA										

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SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

DEPARTMENT OF HUMANITIES AND SCIENCE

B.Tech. I-Year I Semester Time Table for the A.Y. 2018-19

(Break: 11.05am - 11.15am)

w.e.f.: 30/07/2018

Day	Section	9:30-10:20	10:20-11:05	11:15-12:00	12:00-12:50	12:50 to 1:30 PM	1:30-2:20	2:20-3:10	3:10-4:00	CSE-A	CSE-B	ECE-A	
		I	II	III	IV		V	VI	VII				
MON	ECE-A	AP/PPS LAB			AP	LUNCH	M-I	PPS	ES	M-I: T.RAJA JITHENDER	M-I: T.RAJA JITHENDER	M-I: K.RAJESH CHARY	
	ECE-B	EG			M-I		AP/PPS LAB			EC: Dr.N.SRIVANI	EC: Dr.N.SRIVANI	AP:A.SRINIVAS	
	CSE-A	EC	ENG		BEE		M-I	BEE		BEE: RAM PRASAD	BEE: RAM PRASAD	PPS: K.DIVYA	
	CSE-B	ENG	BEE	EC	M-I		ELCS/EWS LAB			Eng: P.VIJAYA LAKSHMI	Eng: T.KUMARASWAMY	EG: A.RAJESH/Dr.I.RAJ ASRI REDDY	
	EEE	M-I	EC	ENG	BEE		EC/BEE LAB			EG	EWS LAB:A.RAJESH	AP LAB: A.SRINIVAS	
TUE	ECE-A	M-I	PPS	AP	ES		AP LAB			ELCS LAB: P.VIJAYALAKSHMI	ELCS LAB: T.KUMARASWAMY	PPS LAB: K.DIVYA ES: A.SRINIVAS	
	ECE-B	PPS	AP	M-I			EC/BEE LAB			EC LAB: Dr.N.SRIVANI BEE LAB: RAMPRASAD	EWS LAB:A.RAJESH		
	CSE-A	M-I	ENG	EC			EC	BEE	LIB				
	CSE-B	EC	BEE	M-I	ENG		AP	M-I	AP				
	EEE	BEE	ELCS/EWS LAB				M-I	PPS	SPORTS				
WED	ECE-A	EG			M-I		SEMINAR				ECE-B	EEE	
	ECE-B	PPS	M-I	ES	AP		SEMINAR			M-I: K.RAJESH CHARY	M-I: T.RAJA JITHENDER		
	CSE-A	BEE	ELCS/EWS LAB				EC/BEE LAB			AP: CH.KRISHNA REDDY	EC: Dr.N.SRIVANI	BEE: RAM PRASAD	
	CSE-B	ENG	M-I	EC	BEE		EC	M-I	LIB	PPS: SUKHVEERJI	BEE: RAM PRASAD		
	EEE	M-I	EC/BEE LAB				ENG	BEE	EC	EG: Dr.I.RAJASRI REDDY /A.RAJESH	Eng: T.KUMARASWAMY		
THU	ECE-A	AP/PPS LAB			AP	AP/PPS LAB			M-I: T.RAJA JITHENDER	M-I: T.RAJA JITHENDER			
	ECE-B	AP	ES	M-I	PPS	M-I	ENG	LIB	AP LAB: CH.KRISHNA REDDY	EWS LAB:A.RAJESH			
	CSE-A	ELCS/EWS LAB			M-I	EC/BEE LAB			PPS LAB: SUKHVEERJI ES: CH.KRISHNA REDDY	ELCS LAB: T.KUMARASWAMY			
	CSE-B	EC/BEE LAB			EC	ELCS/EWS LAB				EC LAB: Dr.N.SRIVANI BEE LAB: RAMPRASAD			
	EEE	M-I		BEE		ES	LIB	SPORTS					
FRI	ECE-A	AP	PPS	M-I	AP	AP/PPS LAB							
	ECE-B	PPS	AP		M-I	M-I	ENG	LIB					
	CSE-A	BEE		EC	M-I	EC/BEE LAB							
	CSE-B	ENG	M-I	BEE	EC	ELCS/EWS LAB							
	EEE	EC	BEE	ENG	M-I	ASSOATION							
SAT	ECE-A	M-I		PPS	AP								
	ECE-B	ES	AP	M-I	PPS								
	CSE-A	BEE	M-I	EC	ENG								
	CSE-B	M-I	EC	BEE	ENG								
	EEE	BEE	ENG	EC	M-I								

Signature
Time Table

Signature
H.O.D.

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LESSON PLAN

Name of the Faculty: A.RAJESH

Academic Year: 2022-23

Course Code: ME105ES

Course Name: Engineering Graphics

Program: B.Tech

Branch: DS

Year/semester: I/II II SEM

S.NO	Topic	Method of Teaching	Scheduled date
UNIT-I			
1	Introduction to Engineering Graphics	Chalk and board	10-04-2023
2	Principles of Engineering Graphics	Chalk and board	10-04-2022
3	Significance of Engineering Graphics	Chalk and board	10-04-2022
4	Geometrical Constructions	Chalk and board	18-04-2022
5	Conic Sections-Introduction	Chalk and board	21-04-2022
6	Conic Sections-Ellipse	PPT	25-04-2022
7	Conic Sections-Parabola	PPT	28-04-2023
8	Conic Sections-Hyperbola	PPT	28-04-2022
9	Cycloidal Curves-cycloid	PPT	02-05-2023
10	Cycloidal Curves-Epicycloid	PPT	05-05-2023
11	Cycloidal Curves-Hypocycloid	PPT	29-05-2023
12	Scales-Plain Scale	PPT	30-05-2023
13	Scales-Diagonal Scale	PPT	30-05-2023
14	Scales-Vernier Scale	PPT	02-06-2023
15	Introduction to CAD	Chalk and board	06-06-2023
16	CAD-Views, commands	PPT	06-06-2023
17	CAD-Conics,Cycloidal Curves,Scales	CAD Software	06-06-2023
UNIT-II			
18	Principles of Orthographic Projections	Chalk and board	09-06-2023
19	Conventions of Orthographic Projections	Chalk and board	12-06-2023
20	Projection of Points	PPT	16-06-2023
21	Projection of Lines	PPT	20-06-2023
22	Projection of Planes	PPT	29-06-2023
23	Auxiliary Views-Planes	PPT	30-06-2023
24	CAD-Points, lines and planes	CAD Software	03-07-2023
UNIT-III			
25	Projections of Regular Solids	PPT	05-07-2023
26	Auxiliary Views-Solids	PPT	07-07-2023
27	Section of Solids-Prisms	FLIPPED CLASS	10-07-2023
28	Section of Solids-Cylinder	FLIPPED CLASS	12-07-2023
29	Section of Solids-Pyramids	FLIPPED CLASS	14-07-2023



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30	Section of Solids-Cones	FLIPPED CLASS	15-07-2023
31	CAD-Projection of Regular Solids	CAD Software	19-07-2023
32	CAD-Section of Solids	CAD Software	24-07-2023
UNIT-IV			
33	Development of Surfaces of Solids	PPT	04-08-2023
34	CAD- Development of Surfaces of Solids	CAD Software	05-08-2023
UNIT-V			
35	Orthographic Projections	PPT	07-08-2023
36	Isometric Projections	PPT	09-08-2023
37	CAD-Orthographic Projections	CAD Software	11-08-2023
38	CAD-Isometric Projections	CAD Software	11-08-2023

TEXT BOOKS:

1. Engineering Drawing N.D. Bhatt / Charotar
2. Engineering Drawing and graphics Using AutoCAD Third Edition, T. Jeyapoovan, Vikas: S. Chand and company Ltd.

REFERENCE BOOKS:

1. Engineering Drawing, Basant Agrawal and C M Agrawal, Third Edition McGraw Hill
2. Engineering Graphics and Design, WILEY, Edition 2020
3. Engineering Drawing, M. B. Shah, B.C. Rane / Pearson.
4. Engineering Drawing, N. S. Parthasarathy and Vela Murali, Oxford
5. Computer Aided Engineering Drawing – K Balaveera Reddy et al – CBS Publishers

Note: - External examination is conducted in conventional mode and internal evaluation to be done by both conventional as well as using computer aided drafting



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LESSON PLAN

Name of the Faculty: A.RAJESH

Academic Year: 2022-23

Course Code: ME105ES

Course Name: Engineering Graphics

Program: B.Tech

Branch: DS

Year/semester: I/II II SEM

S.NO	Topic	Method of Teaching	Scheduled date
UNIT-I			
1	Introduction to Engineering Graphics	Chalk and board	10-04-2023
2	Principles of Engineering Graphics	Chalk and board	10-04-2022
3	Significance of Engineering Graphics	Chalk and board	10-04-2022
4	Geometrical Constructions	Chalk and board	18-04-2022
5	Conic Sections-Introduction	Chalk and board	21-04-2022
6	Conic Sections-Ellipse	PPT	25-04-2022
7	Conic Sections-Parabola	PPT	28-04-2023
8	Conic Sections-Hyperbola	PPT	28-04-2022
9	Cycloidal Curves-cycloid	PPT	02-05-2023
10	Cycloidal Curves-Epicycloid	PPT	05-05-2023
11	Cycloidal Curves-Hypocycloid	PPT	29-05-2023
12	Scales-Plain Scale	PPT	30-05-2023
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15	Introduction to CAD	Chalk and board	06-06-2023
16	CAD-Views, commands	PPT	06-06-2023
17	CAD-Conics,Cycloidal Curves,Scales	CAD Software	06-06-2023
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22	Projection of Planes	PPT	29-06-2023
23	Auxiliary Views-Planes	PPT	30-06-2023
24	CAD-Points, lines and planes	CAD Software	03-07-2023
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25	Projections of Regular Solids	PPT	05-07-2023
26	Auxiliary Views-Solids	PPT	07-07-2023
27	Section of Solids-Prisms	FLIPPED CLASS	10-07-2023
28	Section of Solids-Cylinder	FLIPPED CLASS	12-07-2023



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29	Section of Solids-Pyramids	FLIPPED CLASS	14-07-2023
30	Section of Solids-Cones	FLIPPED CLASS	15-07-2023
31	CAD-Projection of Regular Solids	CAD Software	19-07-2023
32	CAD-Section of Solids	CAD Software	24-07-2023
UNIT-IV			
33	Development of Surfaces of Solids	PPT	04-08-2023
34	CAD- Development of Surfaces of Solids	CAD Software	05-08-2023
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36	Isometric Projections	PPT	09-08-2023
37	CAD-Orthographic Projections	CAD Software	11-08-2023
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TEXT BOOKS:

1. Engineering Drawing N.D. Bhatt / Charotar
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4. Engineering Drawing, N. S. Parthasarathy and Vela Murali, Oxford
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Machine Learning

Academic Year: 2022-2023

Branch: CSM

Year/Sem: III/I

Course Objectives

1. This course explains machine learning techniques such as decision tree learning, Bayesian learning etc.
2. To understand computational learning theory.
3. To study the pattern comparison techniques.

Course Outcomes

1. Understand the concepts of computational intelligence like machine learning
2. Ability to get the skill to apply machine learning techniques to address the real time problems in different areas
3. Understand the Neural Networks and its usage in machine learning application.

LESSON PLAN

S. No.	Topic	Unit No./ No. of periods per Unit	Mode of teaching	Schedule Date
Unit – I				
1	Introduction - Well-posed learning problems, designing a learning system	Unit-I / 12	Chalk and Board	09.09.2022
2	Perspectives and issues in machine learning		Demonstration	12.09.2022
3	Concept learning and the general to specific ordering – introduction, a concept learning task		Chalk and Board	13.09.2022
4	Concept learning as search, find-S: finding a maximally specific hypothesis		Chalk and Board, Implementation	15.09.2022
5	Version spaces		Chalk and Board	16.09.2022
6	Candidate elimination algorithm,		Demonstration, Implementation	19.09.2022
7	Remarks on version spaces and candidate elimination		PowerPoint Presentation	19.09.2022
8	Inductive bias		Chalk and Board	20.09.2022
9	Decision Tree Learning – Introduction, decision tree representation		Demonstration	22.09.2022



10	Appropriate problems for decision tree learning, the basic decision tree learning algorithm		Demonstration	23.09.2022	
11	Hypothesis space search in decision tree learning		Chalk and Board	10.10.2022	
12	Inductive bias in decision tree learning, issues in decision tree learning.		Chalk and Board	11.10.2022	
	UNIT-II				
13	Artificial neural networks-1– introduction		Demonstration	13.10.2022	
14	Neural network representation, appropriate problems for Neural network learning		PowerPoint Presentation	14.10.2022	
15	Perceptrons		Chalk and Board	17.10.2022	
16	Multilayer networks and the back-propagation algorithm.		PowerPoint Presentation	18.10.2022	
17	Artificial Neural Networks-2- Remarks on the Back-Propagation algorithm		Chalk and Board	20.10.2022	
18	An illustrative example: face recognition		Chalk and Board	21.10.2022	
19	Advanced topics in artificial neural networks		Chalk and Board	25.10.2022	
20	Evaluation hypotheses – motivation		PowerPoint Presentation	27.10.2022	
21	Estimation hypothesis accuracy	Unit-II / 12	Chalk and Board	28.10.2022	
22	Basics of sampling theory		Chalk and Board	31.10.2022	
23	A general approach for deriving confidence intervals		PowerPoint Presentation	01.11.2022	
24	Difference in error of two hypotheses, comparing learning algorithms.		Chalk and Board	03.11.2022	
	UNIT-III				
25	Bayesian learning – Introduction, Bayes theorem			PowerPoint Presentation	04.11.2022
26	Bayes theorem and concept learning		Chalk and Board	07.11.2022	
27	Maximum Likelihood and least squared error hypotheses		Chalk and Board	10.11.2022	
28	Maximum likelihood hypotheses for predicting probabilities		PowerPoint Presentation	18.11.2022	



29	Minimum description length principle	Unit-III / 15	Chalk and Board	21.11.2022
30	Bayes optimal classifier		Chalk and Board	22.11.2022
31	Gibs algorithm		Chalk and Board	24.11.2022
32	Naïve Bayes classifier, an example: learning to classify text		PowerPoint Presentation	25.11.2022
33	Bayesian belief networks		Chalk and Board	28.11.2022
34	The EM algorithm.		PowerPoint Presentation	29.11.2022
35	Computational learning theory – Introduction, probably learning an approximately correct hypothesis		Chalk and Board	01.12.2022
36	Sample complexity for finite hypothesis space, sample complexity for infinite hypothesis spaces, the Mistake bound model of learning.		Chalk and Board	02.12.2022
37	Instance-Based Learning- Introduction, k-nearest neighbour algorithm		PowerPoint Presentation	05.12.2022
38	Locally weighted regression, radial basis functions		Chalk and Board	06.12.2022
39	Case-based reasoning, remarks on lazy and eager learning	Chalk and Board	08.12.2022	
UNIT-IV				
40	Genetic Algorithms – Motivation, Genetic algorithms	Unit-IV /11	PowerPoint Presentation	09.12.2022
41	An illustrative example, hypothesis space search		Chalk and Board	12.12.2022
42	Genetic programming		Chalk and Board	13.12.2022
43	Models of evolution and learning, parallelizing genetic algorithms		PowerPoint Presentation	15.12.2022
44	Learning Sets of Rules – Introduction, sequential covering algorithms		Chalk and Board	16.12.2022
45	Learning rule sets: summary, learning First-Order rules,		Chalk and Board	19.12.2022
46	Learning sets of First-Order rules: FOIL, Induction as inverted deduction, inverting resolution		PowerPoint Presentation	20.12.2022
47	Reinforcement Learning – Introduction, the learning task		PowerPoint Presentation	22.12.2022



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48	Q-learning, non-deterministic, rewards and actions		PowerPoint Presentation	23.12.2022
49	Temporal difference learning, generalizing from examples		Chalk and Board	27.12.2022
50	Relationship to dynamic programming.		Chalk and Board	29.12.2022
	UNIT-V			
51	Analytical learning-1- introduction	Unit-V / 8	Chalk and Board	30.12.2022
52	Learning with perfect domain theories: PROLOG-EBG, Remarks on explanation-based learning		Chalk and Board	02.01.2023
53	Explanation-based learning of search control knowledge.		Chalk and Board	03.01.2023
54	Analytical Learning-2-Using prior knowledge to alter the search objective		Chalk and Board	05.01.2023
55	Using prior knowledge to augment search operators.		Chalk and Board	06.01.2023
56	Combining Inductive and Analytical Learning – Motivation		PowerPoint Presentation	09.01.2023
57	Inductive-analytical approaches to learning		Chalk and Board	10.01.2023
58	Using prior knowledge to initialize the hypothesis.		PowerPoint Presentation	12.01.2023

TEXT BOOKS:

1. Machine Learning – Tom M. Mitchell, - MGH

REFERENCES:

1. Machine Learning: An Algorithmic Perspective, Stephen Marshland, Taylor & Francis



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SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

Subject Name: JAVA PROGRAMMING

Faculty Name: Jorika Vedika

Subject Code: CS405PC

Branch: CSE-A&B

Academic Year: 2022-2023

Year/Sem: II Year II Sem

Course Objectives: The objectives of this course for the student are to:

1. To introduce the object-oriented programming concepts.
2. To understand object-oriented programming concepts, and apply them in solving problems.
3. To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes
4. To introduce the implementation of packages and interfaces
5. To introduce the concepts of exception handling and multithreading.
6. To introduce the design of Graphical User Interface using applets and swing controls.

Course Outcomes: At the end of the course the student will be able to:

1. Able to solve real world problems using OOP techniques.
2. Able to understand the use of abstract classes.
3. Able to solve problems using java collection framework and I/o classes.
4. Able to develop multithreaded applications with synchronization.
5. Able to develop applets for web applications.
6. Able to design GUI based applications.

LESSON PLAN

Sl. No.	TOPIC	Method of teaching	Schedule Date
UNIT – I Object-Oriented Thinking			
1	A way of viewing world – Agents and Communities, messages and methods, Responsibilities	Power Point Presentation	3/5/23
2	Classes and Instances, Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions	Power Point Presentation	5/5/23
3	Summary of Object-Oriented concepts. Java buzzwords, An Overview of Java, Data types, Variables and Arrays	Power Point Presentation	29/5/23
4	operators, expressions, control statements, Introducing classes, Methods and Classes, String handling	Power Point Presentation	2/6/23
5	Inheritance– Inheritance concept, Inheritance basics, Member access, Constructors	Power Point Presentation	5/6/23



6	Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc polymorphism	Power Point Presentation	6/6/23
7	pure polymorphism, method overriding, abstract classes, Object class, forms of inheritance	Power Point Presentation	9/6/23
8	specialization, specification, construction, extension, limitation, combination	Power Point Presentation	12/6/23
9	benefits of inheritance, costs of inheritance	Power Point Presentation	13/6/23
UNIT - II Packages			
1	Defining a Package, CLASSPATH, Access protection	Power Point Presentation	16/6/23
2	, importing packages. Interfaces- defining an interface, implementing interfaces	Power Point Presentation	19/6/23
3	Nested interfaces, applying interfaces	Power Point Presentation	20/6/23
4	variables in interfaces and extending interfaces	Power Point Presentation	21/6/23
5	Stream based I/O (java.io)- The Stream classes-Byte streams and Character streams	Power Point Presentation	23/6/23
6	Reading console Input and Writing Console Output	Power Point Presentation	24/6/23
7	File class, Reading and writing Files, Random access file operations	Power Point Presentation	26/6/23
8	The Console class, Serialization	Power Point Presentation	27/6/23
9	Enumerations, auto boxing, generics	Power Point Presentation	1/7/23
UNIT - III Exception handling			
1	Fundamentals of exception handling, Exception types	Power Point Presentation	3/7/23
2	Termination or resumptive models	Power Point Presentation	5/7/23
3	Uncaught exceptions, using try and catch, multiple catch clauses	Power Point Presentation	7/7/23
4	nested try statements, throw, throws and finally	Power Point Presentation	8/7/23
5	built- in exceptions, creating own exception sub classes	Power Point Presentation	18/7/23
6	Multithreading- Differences between thread-based multitasking	Power Point Presentation	25/7/23
7	process-based multitasking, Java thread model	Power Point Presentation	31/7/23
8	Magnetostriction and Magnetoresistance applications	Power Point Presentation	4/8/23



9	creating threads, thread priorities	Power Point Presentation	5/8/23
10	synchronizing threads, inter thread communication	Power Point Presentation	6/8/23
UNIT - IV The Collections Framework (java.util)			
1	Collections overview, Collection Interfaces	Power Point Presentation	8/8/23
2	The Collection classes- Array List, Linked List	Power Point Presentation	9/8/23
3	Hash Set, Tree Set, Priority Queue, Array Deque	Power Point Presentation	10/8/23
4	Accessing a Collection via an Iterator, Using an Iterator	Power Point Presentation	12/8/23
5	Comparators, Collection algorithms, Arrays	Power Point Presentation	14/8/23
6	The Legacy Classes and Interfaces- Dictionary, Hashtable	Power Point Presentation	16/8/23
7	Properties, Stack, Vector	Power Point Presentation	17/8/23
8	Applications of nanomaterials	Power Point Presentation	18/8/23
UNIT - V GUI Programming with Swing			
1	Introduction, limitations of AWT, MVC architecture	Power Point Presentation	19/8/23
2	components, containers. Understanding Layout Managers	Power Point Presentation	21/8/23
3	Flow Layout, Border Layout, Grid Layout	Power Point Presentation	22/8/23
4	Card Layout, Grid Bag Layout.	Power Point Presentation	23/8/23
5	Event Handling- The Delegation event model	Power Point Presentation	24/8/23
6	Events, Event sources, Event Listeners	Power Point Presentation	25/8/23
7	Event classes, Handling mouse and keyboard events	Power Point Presentation	26/8/23
8	Adapter classes, Inner classes, Anonymous Inner classes	Power Point Presentation	28/8/23
9	A Simple Swing Application, Applets – Applets and HTML	Power Point Presentation	29/8/23
10	Security Issues, Applets and Applications	Power Point Presentation	31/9/23
11	passing parameters to applets	Power Point Presentation	1/9/23



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12	Creating a Swing Applet, Painting in Swing, A Paint example	Power Point Presentation	2/9/23
13	Exploring Swing Controls- JLabel and Image Icon	Power Point Presentation	4/9/23
14	JTextField, The Swing Buttons JButton	Power Point Presentation	5/9/23
15	JToggleButton, JCheckBox, JRadioButton	Power Point Presentation	6/9/23
16	JTabbedPane, JScrollPane, JList, JComboBox, Swing Menus, Dialogs	Power Point Presentation	8/9/23

TEXT BOOKS:

1. Java The complete reference, 9th edition, Herbert Schildt, McGraw Hill Education (India) Pvt. Ltd.
2. Understanding Object-Oriented Programming with Java, updated edition, T. Budd, Pearson Education.

REFERENCE BOOKS:

1. An Introduction to programming and OO design using Java, J. Nino and F.A. Hosch, John Wiley & sons
2. Introduction to Java programming, Y. Daniel Liang, Pearson Education.
3. Object Oriented Programming through Java, P. Radha Krishna, University Press.
4. Programming in Java, S. Malhotra, S. Chudhary, 2nd edition, Oxford Univ. Press.
5. Java Programming and Object-oriented Application Development, R. A. Johnson, Cengage Learning.



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SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN LESSON PLAN

Name of the Faculty: RANGANATH KANAKAM
Subject with code: DISCRETE MATHEMATICS (CS401PC)

Academic Year : 2022-23
Branch: CSM A, B & CSD

Year/Semester : II-B.Tech.I-Sem

Course Objectives

- 1.Introduces the elementary discrete mathematics for computer science and engineering.
- 2.Topics include formal logic notation, methods of proof, induction, sets, relations, graph theory, permutations and combinations, counting principles; recurrence relations and generating functions.

Course Outcomes:

- 1.Ability to understand and construct precise mathematical proofs
- 2.Ability to use logic and set theory to formulate precise statements
- 3.Ability to analyze and solve counting problems on finite and discrete structures
- 4.Ability to describe and manipulate sequences
- 5.Ability to apply graph theory in solving computing problems

S.No	Topics	Unit No./No. of Periods per unit	Method of teaching	Scheduled dates
UNIT-I				
1	Propositional Logic, Applications of Propositional Logic	I/8	Chalk & Board	28-11-2022
2	Propositional Equivalence, Rules of Inference		Chalk & Board	01-12-2022, 2-12-2022
3	Predicates and Quantifiers, Nested Quantifiers		Chalk & Board	5-12-2022, 6-12-2022
4	Introduction to Proofs, Proof Methods and Strategy.		ppt	13-12-2022
5	Rules of Inference		Chalk & Board	14-12-2022, 15-12-2022
UNIT-II				
6	Sets, Functions, Sequences, Sums	II/8	ppt	18-12-2022, 21-12-2022
7	Matrices and Relations Sets, Functions		Chalk & Board	22-12-2022
8	Sequences, Summations, Cardinality of Sets and Matrices Relations		Chalk & Board	23-12-2022, 27-12-2022, 28-12-2022
9	Relations and Their Properties, n-ary Relations and Their Applications		Chalk & Board	29-12-2022
10	Representing Relations, Closures of Relations, Equivalence Relations, Partial Orderings		ppt	30-12-2022
UNIT-III				



11	Algorithms, the Growth of Functions, Complexity of Algorithms	III/8	Chalk & Board	02-01-2023
12	Induction and Recursion, Mathematical Induction,		Chalk & Board	03-01-2023, 04-01-2023
13	Recursive Definitions and Structural Induction		Chalk & Board	17-01-2023, 20-01-2023
14	Strong Induction and Well-Ordering		Chalk & Board	01-02-2023
15	Recursive Algorithms,		ppt, seminar	02-02-2023
16	Program Correctness		Chalk & Board	03-02-2023
UNIT-IV				
17	Discrete Probability and Advanced Counting Techniques	IV/10	Chalk & Board	06-02-2023, 07-02-2023
18	An Introduction to Discrete Probability, Probability theory		Chalk & Board	08-02-2023
19	Bayes' Theorem, Expected Value and Variance		Chalk & Board	09-02-2023, 10-02-2023
20	Advanced Counting Techniques: Recurrence Relations		ppt	13-02-2023
21	Solving Linear Recurrence Relations		ppt	14-02-2023, 15-02-2023
22	Divide-and-Conquer Algorithms, Recurrence Relations, Generating Functions		Chalk & Board	20-02-2023
23	Inclusion-Exclusion, Applications of Inclusion-Exclusion			22-02-2023
UNIT-V				
24	Graphs and Graph Models, Graph Terminology and Special Types of Graphs,	V/8	Chalk & Board	24-02-2023, 28-02-2023
25	Representing Graphs and Graph Isomorphism		Chalk & Board	01-03-2023, 04-03-2023
26	Connectivity, Euler and Hamilton Paths, Shortest-Path Problems		Chalk & Board	15-03-2023, 16-03-2023
27	Planar Graphs, Graph Coloring		animated video	28-03-2023, 29-03-2023

Text Books

1. Discrete Mathematics and its Applications with Combinatorics and Graph Theory- Kenneth H

Reference Books

1. Discrete Mathematical Structures with Applications to Computer Science- J.P. Tremblay and R. Manohar, TMH,
2. Discrete Mathematics for Computer Scientists & Mathematicians: Joe L. Mott, Abraham Kandel, Theodore P. Baker, 2nd ed, Pearson Education.
3. Discrete Mathematics- Richard Johnsonbaugh, 7th Edn., Pearson Education.
4. Discrete Mathematics with Graph Theory- Edgar G. Goodaire, Michael M. Parmenter.
5. Discrete and Combinatorial Mathematics - an applied introduction: Ralph.P. Grimald, 5th edition, Pearson Education.



SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

LESSON PLAN

Name of the Faculty: Prathyusha Reddy Pesaru

Academic Year : 2022-23

Subject with code: Formal Language and Automata Theory (CS416PC)

Branch: CSD

Year/Semester : II-B.Tech.II-Sem

Course Objectives

- To provide introduction to some of the central ideas of theoretical computer science from the perspective of formal languages.
- To introduce the fundamental concepts of formal languages, grammars and automata theory.
- Classify machines by their power to recognize languages.
- Employ finite state machines to solve problems in computing.
- To understand deterministic and non-deterministic machines
- To understand the differences between decidability and undecidability.

Course Outcomes

- Able to understand the concept of abstract machines and their power to recognize the languages.
- Able to employ finite state machines for modeling and solving computing problems
- Able to design context free grammars for formal languages
- Able to distinguish between decidability and undecidability.
- Able to gain proficiency with mathematical tools and formal methods.

S.No	Topics	Unit No./No. of Periods per unit	Method of teaching	Scheduled dates
UNIT-I				
1	Introduction to Finite Automata: Structural Representations, Automata and Complexity,	I/9	Chalk and Board	1-5-23, 2-5-23
2	the Central Concepts of Automata Theory – Alphabets, Strings, Languages, Problems.		Chalk and Board	3-5-23
3	Nondeterministic Finite Automata: Formal Definition, an application, Text Search, Finite Automata with Epsilon-Transitions		Chalk and Board	30-5-23 , 1-6-23,
4	Deterministic Finite Automata: Definition of DFA, How A DFA Process Strings, The language of DFA,		Chalk and Board	3-6-23, 14-6-23
5	Conversion of NFA with ϵ -transitions to NFA without ϵ -transitions. Conversion of NFA to DFA, Moore and Melay machines		ppt	16-6-23, 17-6-23
UNIT-II				
4	Regular Expressions: Finite Automata and Regular Expressions, Applications of Regular Expressions, Algebraic Laws for Regular Expressions,	II/7	Chalk and Board	22-6-23,23-6-23,
5	Conversion of Finite Automata to Regular Expressions		Chalk and Board	24-06-2023
6	Pumping Lemma for Regular Languages, Statement of the pumping lemma, Applications of the Pumping Lemma.		ppt	27-06-2023
7	Closure Properties of Regular Languages: Closure properties of Regular languages, Decision Properties of Regular Languages		Chalk and Board	28-06-2023
8	Equivalence and Minimization of Automata.		ppt	30-06-20,1-7-23
UNIT-III				



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9	Context-Free Grammars: Definition of Context-Free Grammars, Derivations Using a Grammar, Leftmost and Rightmost Derivations,	III/7	Chalk and Board	5-7-23
10	the Language of a Grammar, Sentential Forms, Parse Trees, Applications of Context-Free Grammars, Ambiguity in Grammars and Languages.		Chalk and Board	6-7-23, 7-7-23
11	Push Down Automata: Definition of the Pushdown Automaton, the Languages of a PDA, Equivalence of PDA's and CFG's, Acceptance by final state,		ppt	18-7-23,19-7-23
12	Acceptance by empty stack, Deterministic Pushdown Automata. From CFG to PDA, From PDA to CFG.		ppt	25-7-23,31-7-23

UNIT-IV

13	Normal Forms for Context- Free Grammars: Eliminating useless symbols, Eliminating ϵ - Productions. Chomsky Normal form Griebach Normal form.	IV/8	Chalk and Board	1-8-23,2-8-23
14	Pumping Lemma for Context-Free Languages: Statement of pumping lemma, Applications		Chalk and Board	03-08-2023,9-8-23
15	Closure Properties of Context-Free Languages: Closure properties of CFL's, Decision Properties of CFL's		Chalk and Board	10-8-23,17-8-23
16	Turing Machines: Introduction to Turing Machine, Formal Description, Instantaneous description, The language of a Turing machine		Chalk and Board	24-08-2023,28-8-23

UNIT-V

17	Types of Turing machine: Turing machines and halting	V/7	Chalk and Board	30-08-2023
18	Undecidability: Undecidability, A Language that is Not Recursively Enumerable, An Undecidable Problem That is RE		ppt	1-9-23,02-09-2023
19	Undecidable Problems about Turing Machines, Recursive languages, Properties of recursive languages,		ppt	04-09-2023,6-9-23
20	Post's Correspondence Problem, Modified Post Correspondence problem, Other Undecidable Problems, Counter machines.		Chalk and Board	8-9-23,11-09-2023

Text Books

1. Introduction to Automata Theory, Languages, and Computation, 3rd Edition, John E. Hopcroft, Rajeev Motwani, Jeffrey D. Ullman, Pearson Education
2. Theory of Computer Science – Automata languages and computation, Mishra and Chandrashekar, 2nd edition, PHI

Reference Books

1. Introduction to Languages and The Theory of Computation, John C Martin, TMH.
2. Introduction to Computer Theory, Daniel I.A. Cohen, John Wiley.
3. A Text book on Automata Theory, P. K. Srimani, Nasir S. F. B, Cambridge University Press.
4. Introduction to the Theory of Computation, Michael Sipser, 3rd edition, Cengage Learning.
5. Introduction to Formal languages Automata Theory and Computation Kamala Krithivasan



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