

2.3.3 Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution. (500 words)

Academic Calendar

Dt: 01 - 08 - 2022

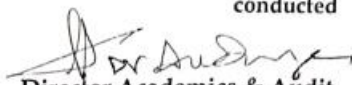
ALMANAC for the Academic year 2022-2023 - B.E III Semester (AUTONOMOUS)


III - Semester		
1	Commencement of Instruction	22 nd Aug, 2022
2	CIE (Internal Test) - I	20 th , 21 th & 22 nd Oct, 2022
4	CIE (Internal Test) -II	9 th , 12 th & 13 th Dec, 2022
5	CIE (Internal Test) -III (Optional)	15 th , 16 th & 17 th Dec, 2022
6	Last Date of Instruction	17 th Dec, 2022
7	Preparation and Practical Examinations	19 th Dec, 2022 - 31 st Dec, 2022
8	Submission of Attendance to Exam Branch	18 th Dec, 2022
9	Submission of CIE marks to Exam Branch	27 th Dec, 2022
10	Commencement of Theory Examinations (SEE)	02 nd Jan 2023 - 11 th Jan, 2023
11	Semester Break*	12 th Jan, 2023 - 22 nd Jan, 2023
12	Commencement of IV Semester 2022 - 2023	23 rd Jan, 2023

Semester Break*: (1) Key to Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

(2) Students have to do Internships during the semester Break.

(3) During semester Break Supplementary Examinations will be conducted


Director Academics & Audit
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu

Copy to

All HODS, Library, Exam Be, Accouns, Office

Almanac



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE - I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE - II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

Copy To all HOD's

4/7/2023

DEPUTY REGISTRAR
(Academic)

Stanley College of Engineering and Technology for Women
(AUTONOMOUS)

(Affiliated to Osmania University)

(Accredited by NAAC with "A" Grade, Accredited by NBA)

Chapel Road, Abids, Hyderabad - 500 001



ALMANAC for the Academic year 2021-2022 - B.E. I & II Semesters (AUTONOMOUS)

I - Semester		
1	Induction Programme (1 Week)	22 - 11 - 2021 to 28 - 11 - 2021
2	Commencement of Instruction	29 - 11 - 2021
3	CIE (Internal Test) - I	03 - 01 - 2022 to 05 - 01 - 2022
4	CIE (Internal Test) -II	02 - 03 - 2022 to 04 - 03 - 2022
5	Last Date of Instruction	05 - 03 - 2022
6	Mandatory Course (MC) Theory Examination (SEE)	10 - 03 - 2022 & 11 - 03 - 2022
7	CIE (Internal Test) -III (Optional)	07 - 03 - 2022 & 08 - 03 - 2022
8	Preparation and Practical Examinations	14 - 03 - 2022 & 23 - 03 - 2022
9	Submission of Attendance to Exam Branch	10 - 03 - 2022
10	Submission of CIE marks to Exam Branch	20 - 03 - 2022
11	Commencement of Theory Examinations (SEE)	24 - 03 - 2022 to 30 - 03 - 2022
II - Semester		
1	Commencement of Instruction	31 - 03 - 2022
2	CIE (Internal Test) - I	09 - 05 - 2022 to 11 - 05 - 2022
3	CIE (Internal Test) -II	20 - 06 - 2022 to 22 - 06 - 2022
4	Last Date of Instruction	24 - 06 - 2022
5	Mandatory Course (MC) Theory Examination (SEE)	25 - 06 - 2022 & 27 - 06 - 2022
6	CIE (Internal Test) -III (Optional)	23 - 06 - 2022 & 24 - 06 - 2022
7	Preparation and Practical Examinations	28 - 06 - 2022 to 09 - 07 - 2022
8	Submission of Attendance to Exam Branch	26 - 06 - 2022
9	Submission of CIE marks to Exam Branch	05 - 07 - 2022
10	Commencement of Theory Examinations (SEE)	11 - 07 - 2022 to 18 - 07 - 2022
11	Semester Break	19 - 07 - 2022 to 31 - 07 - 2022
12	Commencement of Next Academic Year 2022 - 2023	01 - 08 - 2022

Note: (1) Semester Break (*): Internships/Field Work and Supplementary Exams must be completed.

(2) Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.


Director Academics
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu

Class Committee Meetings

02/09/22 AY 2022-23
Class Committee Meeting AI&DS
[Ac in]

iii) - CEM AIDS

1. Mathematics - III - 90% Unit - I, Assignment to be given, Notes given.
2. Electrical Technology - projector needed, 10% of Unit - I Assignment to be given, Notes given as of
3. Discrete Mathematics - 70% of unit - I complete Assignment to be given, Notes given
[Labs - AC needed, ^{some} systems needed,
4. COMP - 30% of unit - I, Assignment to be given, Notes given
5. JAVA - 80% of unit - I completed, Assignment to be given, Notes given.
6. DBMS - 70% of unit - I, Assignment to be given, Notes given
7. JAVA LAB - 18 programs, sp.
8. DBMS LAB - ~~Ac~~ to commands comp,
9. COMP LAB - 1 exp.

Attendees

1) Dr. K. Vaidelhi	6) R. Susha
2) Dr. K.L. Vasundhara - vs	7) Nadia
3) Mrs. Nasira	8) Jureeya
4) Mrs. S. Sandhya	9) S. Sandhya
5) Sharyesa Naaz	10) Nandini

Project Domain

Stanley College of Engineering and Technology for Women
Department of AI/DS
Department of Artificial Intelligence & Data Science
MINI PROJECT REVIEW - 7-10-2022 (JAN 2022-2023)

S.NO	BATCH	Roll No	Name	Title	Domain	Guide	Students Signatures
1	1	180620747028	N Chandana	Clone Mamm	JAVA	Dr. K. Vaidya	Chandana Sreya Nisha
2		180620747017	Parvathy Vaisa Sreya				
3	1	180620747011	D Nisha	Micro Custom Game of Chess	JAVA	Dr. K. Vaidya	Nisha Parvathy
4		180620747015	gunda pavanika				
5	2	180620747018	B. manaswini	like product review detection	python	Jyothi	Manaswini Rishi
6		180620747012	rakshita deethi				
7	3	180620747006	B Sarjana	Attendance Management System	Web technology (php)	Dr. Shrawani	Sarjana Gayathri M. Srudhala
8		180620747023	M.V. Gayathri				
9		180620747025	M. Srudhala				
10	4	180620747018	Jayala Shanthi	Decision making in event management using data science	Data science	Lavanya Marilla	Shanthi Sudha Sruvika
11		180620747044	Srida Anam				
12		180620747046	Sridharini Lakshmi Gunampalli				
13	5	180620747016	Ganagobelli vagle	Female Rate Analysis prediction on stock market	data science	Lavanya Marilla	Vagle S. V. V. Sruvika
14		180620747024	Meruga shriya				
15		180620747043	Sheela shrawani				
16	6	180620747301	Sayani Vahini	college enquiry chatbot	Artificial Intelligence	Mrs Padmaja	Vahini Sruvika S. V. V.
17		180620747304	Matam Sreya				
18		180620747307	Sarapu Sai Vainthavi goptha				
19	7	180620747045	Sidral Raja	Emotion Detection	Machine learning	Ms. Srisha	Raja Sruvika Rishi
20		180620747002	Ambica Reddy S				
21		180620747010	B Rakshita				
22	8	180620747040	Samia Ali	RVIS - The Virtual Assistant	Artificial Intelligence	Asma Begum	Samia Sruvika Ambika
23		180620747033	Peddala Akhila				
24	9	180620747017	Hafsa Habeeb	Heart disease prediction	machine learning	sandhya rani	Habib Sruvika ASB
25		180620747029	N. Nimitha				
26		180620747004	P. Srinila				
27	10	180620747053	R. Divya Sri	Crime Data Analysis	data science	Ms. Nasira	Divya Aparna M. N. N. D. N. N.
28		180620747005	Avula Pavani				
29		180620747026	Murtala Nikhitha				
30	10	180620747027	Mytee Abhrisha Datta				

31		160620747396	J. Yashwanth					J. Yashwanth
32		160620747019	J Sai Bhavana					J Sai Bhavana
33	11			Netflix Recommendation	Machine Learning		Mr. Padmaja	
34		160620747001	Arun var khat					Arun
35		160620747003	Arun hafsa					Arun
36	12	160620747052	Zara ali	Movie recommendation generator	web based		junna	Zara
37		160620747020	K. Kishika Radh					K. Kishika Radh
38		160620747041	Sarva akram					Sarva akram
39	13	160620747048	Syeda ahsaan fatima	Market Basket Analysis	Machine Learning		Ms Sandhya Ram	Syeda ahsaan fatima
40		160620747009	Bekde Vardhara					Bekde Vardhara
41		160620747032	Palvai Padmini					Palvai Padmini
42	14	160620747049	Thakar Sudebha Devi	Sorting Visualizer	web based		Aruna Rajan	Thakar Sudebha Devi
43		160620747007	Badugala Meenika					Badugala Meenika
44		160620747022	Mallaregani Manika					Mallaregani Manika
45	15	160620747021	Madubona Sri Harshitha	Cancer Prediction using	Machine Learning		Narasi Mahabhar	Madubona Sri Harshitha
46		160620747042	sharanu shriya reddy					sharanu shriya reddy
47		160620747035	Pochampally vaishnavi					Pochampally vaishnavi
48	16	160620747030	N.manaawati	banking bot	Artificial intelligence		Ms. Padmaja	N.manaawati
49		160620747008	Bala Lahari					Bala Lahari
50		160620747051	Vanam Naga Sarvani					Vanam Naga Sarvani
51	17	160620747047	Sukka Prem Poojitha	student performance prediction	Machine Learning		Dr. Shrinani	Sukka Prem Poojitha
52		160620747013	Gangotry					Gangotry
53		160620747034	Pooja					Pooja
		160620747014	Gedela Venkata Vaibhav					Gedela Venkata Vaibhav
54	18	160620747004	Ankitha Sharma	Extended reality	Augmented reality		Laransu Manika	Ankitha Sharma
55		160620747031	Nikhat farhana					Nikhat farhana
56		160620747039	Sana Tabassum					Sana Tabassum
57	19	160620747050	Amulya Thigulla	Fake news Detection	Artificial Intelligence		Ms. Padmaja	Amulya Thigulla
58		160620747305	A.Akhila					A.Akhila
59		160620747303	B.Pratyusha					B.Pratyusha
60	20	160620747302	M.Aniltha vardhini	mentoring forms	Mentoring form		Ms. Sriisha	M.Aniltha vardhini

(Signature)
Coordinator

(Signature)

Montly Attendance

Stanley College of Engineering and Technology for Women(Autonomous)
Department of Artificial Intelligence and DataScience
IV SEM MAY Consolidated Attendance

Subjects		OS	DS	AI&R	CN	DE	DS LAB	SOFT SKILLS LAB	CN LAB	OS LAB	Total no of classes attended	Percentage
No of classes		47	48	41	41	48	16	33	11	27	238	%
Sno	RollNo	Name of the Student										
1	160621747001	A GURU VAISHNAVI										
2	160621747002	ADIBA MUSKAAN										
3	160621747003	AGARWAL SNEHA										
4	160621747004	AKHTER NEHAAN SIDDIQUA										
5	160621747005	AMIDYALA SAI NAGA YASHASVINI										
6	160621747006	ANAMPKA SNEHA										
7	160621747007	ANANDAM NAGALAXMI										
8	160621747008	ANKATHI SINDHU										
9	160621747009	ANUSHKAA T										
10	160621747010	BEJUGAM AISHWARYA										
11	160621747011	BENDA SIRI RAJ										
12	160621747012	BITLA NEHA										
13	160621747013	BIYYANI INDUPRIYA										
14	160621747014	CHAMARTHI G S SATWIKA										
15	160621747015	CHANDAYA PETA ROJASHREE										
16	160621747016	CHENNU GAYATHRI										
17	160621747017	DASOJU SHRIYA										
18	160621747018	EDIGA SRI VARSHINI										
19	160621747019	GANGALA HARINI										
20	160621747020	GOSHA TEJASVI										
21	160621747021	GOSHIKE SADA RANI										
22	160621747022	GYARA SUDEEPTHI										
23	160621747023	HIBA KHAN										
24	160621747024	HUDA FATIMA										
25	160621747025	IQRA TAJ										
26	160621747026	JAMALPUR MANOGHNA										
27	160621747027	JANGAM GRACE										
28	160621747028	JATAVATH SANJANA										
29	160621747029	JEEVIKA GHANTA										
30	160621747030	K V DIKSHITHA										
31	160621747031	KAMBLE PRADNYA										

160621747306	A SHRUTHI	32	30	29	32	36	23	18	18	18	236	79%
Name of the Faculty		Swarna Ms. Lavanya	Ms. Javeriya	Arma Begum	Ms. Sandhya Rao	Ms. Lavanya	Dr. V. SriLatha/ Adhil Mohan T.M	Ms. Aruna Begum	Ms. Swarnika.C			
Signature of the Faculty												
Class-in charge												
		HOB										


Teaching Diary

	Class : Topic : Time :	Class : Topic : Time :	Class : Topic : Time :	Class : Topic : Time :
Monday Date : 10/4/23	Class : CME Topic : DeadLock Avoidance Time : 10:00-11:00	Class : AIDS Topic : DeadLock Avoidance Time : 12:00-1:00		
Tuesday Date : 11/4/23	AIDS 12:00-1:00	AIDS 1:30-2:30		
	CME AIDS 09:00-10:00	CME AIDS 5:30-6:30		
Wednesday Date : 12/4/23	DeadLock prevention	DeadLock Avoidance		
	AIDS 10:00-11:00	CME 12:00-1:00		
Thursday Date : 13/4/23	DeadLock prevention	DeadLock Detection		
	CME 10:00-1:00	CME 2:30-3:30		
Friday Date : 14/4/23	_____	Ambedkar Jayantni		
	AIDS 9:00-10:00	CME 12:00-1:00		
Saturday Date : 15/4/23				

Signature of the Teacher

Signature of the Incharge / Head of the C

Lesson Plan


Stanley College of Engineering and Technology for Women
 (Autonomous)
 (Affiliated to Osmania University)
 (Accredited by NAAC with 'A' Grade, Accredited by NBA)
 Chapel Road, Abids, Hyderabad - 500 001

LESSON PLAN 2022-2023


Course Name: OPERATING SYSTEMS Course Code: SPC402CM Regulation: Ay:2022-23
 Program / Year / Semester: IV Credits: 3 Max Marks: 100
 Course Type: Core / Elective / Inter-Disciplinary/ Maths / Science / Humanities / Computing: core
 Course Area/Domain: Contact Hours: 5 (Tutorial) Hours/Week:
 Corresponding Lab Course Name, Code (If Any): OPERATING SYSTEMS
 Pre-Requisite Courses/Sem/Code (If Any) : Basic Programming Language

Syllabus			
UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Introduction: Concept of Operating Systems, Generations of Operating systems, Types of Operating Systems, OS Services, System Calls, Structure of an OS - Layered, Monolithic, Microkernel Operating Systems, Concept of Virtual Machine.	13	4
II	Processes: Definition, Process Relationship, Different states of a Process, Process State transitions, Process Control Block (PCB), Context switching. Thread: Definition, Various states, Benefits of threads, Types of threads, Concept of multithreads.	10	1
III	Process Scheduling: Foundation and Scheduling objectives, Types of Schedulers, Scheduling Criteria, Scheduling algorithms, multiprocessor scheduling Process Synchronization: Inter-process Communication: Critical Section, Race Conditions, Mutual Exclusion, Peterson's Solution, classical problems of synchronization: The Bounded buffer problem, Producer/Consumer Problem, reader's writer problem, Dining philosopher's problem. Semaphores, Event Counters, Monitors, Message Passing.	10	4
IV	Deadlocks: Definition, Necessary and sufficient conditions for Deadlock, Methods for Handling: Deadlocks: Deadlock prevention, Deadlock Avoidance: Banker's algorithm, Deadlock detection and Recovery Memory Management: Basic concept, Logical and Physical address map, Memory allocation:	10	1

Contiguous Memory allocation, fragmentation, and Compaction, Paging: Principle of operation - Page allocation - Hardware support for paging, structure of page table, Protection and sharing, Disadvantages of paging.
Virtual Memory: Basics of Virtual Memory - Hardware and control structures - Locality of reference, Page fault, Working Set, Dirty page/Dirty bit - Demand paging, Page Replacement algorithms, Trashing.

V	File Management: Concept of File, Access methods, File types, File operation, Directory structure, File System structure, Allocation methods, Free-space management, directory implementation, efficiency, and performance. Secondary-Storage Structure: Disk structure, Disk scheduling algorithms, Disk Management, RAID structure.	13	4
TOTAL		56	14

Prepared by Swapna.C
 (Faculty)
 with sign

Approved by

 (HOD)
 with sign

Dean Academics with sign

Syllabus Coverage

Stanley College of Engineering and Technology For Women
Abids, Hyderabad
Department of AI&DS-IV SEM

14/3/23

Sno	Subject	Faculty Name	Syllabus completed	Remarks/Sign
1	Digital Electronics	Ms Sandhya Rani	Unit-I 100% Unit-II 100%	
2	Artificial Intelligence and Robotics	Ms. Juveriya Talath	Unit-I 100% Unit-II 95%	
3	Operating Systems	Ms. Swapna. C	unit I 100% unit II 100% unit III 50%	
4	Computer Networks	Ms Asma Begum	Unit-I - 100% - II - 70% - III - 100%	
5	Data Science using R	Ms. Lavanya Marella	Unit I - 100% Unit II - 80%	
6	Soft Skills Lab	Dr. V. Sreelatha	Unit-I, II, III 100%	
7	Operating Systems and Computer Network Lab	Ms. C. Swapna	2 programs 20%	
8	Data science using R LAB	Ms. Lavanya Marella,	R programming basic completed	

class incharge	
Juveriya Talath	

HOD

2.3.3 Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution. (500 words)

Academic Calendar

Dt: 01 - 08 - 2022

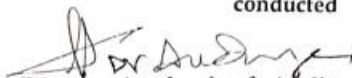
ALMANAC for the Academic year 2022-2023 - B.E. III Semester (AUTONOMOUS)


III - Semester		
1	Commencement of Instruction	22 nd Aug, 2022
2	CIE (Internal Test) - I	20 th , 21 th & 22 nd Oct, 2022
4	CIE (Internal Test) -II	9 th , 12 th & 13 th Dec, 2022
5	CIE (Internal Test) -III (Optional)	15 th , 16 th & 17 th Dec, 2022
6	Last Date of Instruction	17 th Dec, 2022
7	Preparation and Practical Examinations	19 th Dec, 2022 - 31 st Dec, 2022
8	Submission of Attendance to Exam Branch	18 th Dec, 2022
9	Submission of CIE marks to Exam Branch	27 th Dec, 2022
10	Commencement of Theory Examinations (SEE)	02 nd Jan 2023 - 11 th Jan, 2023
11	Semester Break*	12 th Jan, 2023 - 22 nd Jan, 2023
12	Commencement of IV Semester 2022 - 2023	23 rd Jan, 2023

Semester Break*: (1) Key to Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

(2) Students have to do Internships during the semester Break.

(3) During semester Break Supplementary Examinations will be conducted


Director Academics & Audit
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu

Copy to

All HODS, Library, Exam Be, Accounts, Office

Almanac



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE - I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE - II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

Copy To all HOD's

4/7/2023

DEPUTY REGISTRAR
(Academic)

Stanley College of Engineering and Technology for Women
(AUTONOMOUS)

(Affiliated to Osmania University)

(Accredited by NAAC with "A" Grade, Accredited by NBA)

Chapel Road, Abids, Hyderabad - 500 001




ALMANAC for the Academic year 2021-2022 - B.E. I & II Semesters (AUTONOMOUS)

I - Semester		
1	Induction Programme (1 Week)	22 - 11 - 2021 to 28 - 11 - 2021
2	Commencement of Instruction	29 - 11 - 2021
3	CIE (Internal Test) - I	03 - 01 - 2022 to 05 - 01 - 2022
4	CIE (Internal Test) -II	02 - 03 - 2022 to 04 - 03 - 2022
5	Last Date of Instruction	05 - 03 - 2022
6	Mandatory Course (MC) Theory Examination (SEE)	10 - 03 - 2022 & 11 - 03 - 2022
7	CIE (Internal Test) -III (Optional)	07 - 03 - 2022 & 08 - 03 - 2022
8	Preparation and Practical Examinations	14 - 03 - 2022 & 23 - 03 - 2022
9	Submission of Attendance to Exam Branch	10 - 03 - 2022
10	Submission of CIE marks to Exam Branch	20 - 03 - 2022
11	Commencement of Theory Examinations (SEE)	24 - 03 - 2022 to 30 - 03 - 2022
II - Semester		
1	Commencement of Instruction	31 - 03 - 2022
2	CIE (Internal Test) - I	09 - 05 - 2022 to 11 - 05 - 2022
3	CIE (Internal Test) -II	20 - 06 - 2022 to 22 - 06 - 2022
4	Last Date of Instruction	24 - 06 - 2022
5	Mandatory Course (MC) Theory Examination (SEE)	25 - 06 - 2022 & 27 - 06 - 2022
6	CIE (Internal Test) -III (Optional)	23 - 06 - 2022 & 24 - 06 - 2022
7	Preparation and Practical Examinations	28 - 06 - 2022 to 09 - 07 - 2022
8	Submission of Attendance to Exam Branch	26 - 06 - 2022
9	Submission of CIE marks to Exam Branch	05 - 07 - 2022
10	Commencement of Theory Examinations (SEE)	11 - 07 - 2022 to 18 - 07 - 2022
11	Semester Break	19 - 07 - 2022 to 31 - 07 - 2022
12	Commencement of Next Academic Year 2022 - 2023	01 - 08 - 2022

Note: (1) Semester Break (*): Internships/Field Work and Supplementary Exams must be completed.

(2) Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.


Director Academics
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu

Class Committee Meetings:

14		Syllabus Coverage		11/1/22	
CME 3 rd					
BE	Swetha	Theory Lab	4 1/2 Full completed	5 units completed (1 hr)	(12 total)
OR	Vasundra	Theory	4 th unit (topic) unit	(1 hr)	[2 to 3:00]
P.P.M	Ravi Kunal	Theory	4 th unit to be completed Semin	(1 1/2 hr)	[9 to 10:30]
ISA	Shingra	Theory In Lab	In 4 th 3 rd unit and topic 4 th unit 7 pgs 7 pgs to be done	(2 hrs)	
DE	PN	Theory Lab	3 units 4 units left	(1 1/2 hr)	
PL	GVS Raju	Theory Lab	4 th unit running 8 pgs	(1 1/2 hr)	(1 hr)
ACS	Sethu Madavi	Lab	4 units completed	1-5 complete 6-7 pending	
CME 5 th Sem					
(PE-I)	WIT	P. Nandini	In 4 th In 3 rd unit	(1 1/2 hr)	
S&S	Nirmala	Theory	4 th unit completed	(1 hr)	
D&A	G. Prasanna	2 class	5 units completed	(1 hr)	
AI	Shastri	In unit 4 Lab	80%	(1 1/2 hr)	
AZC&CD	Saranya	2 class	4 1/2 units completed Lab Syllabus		
SE	Swathi (11612)	4 1/2 units completed		(1 hr)	

7.12.2021

CLASS COMMITTEE MEETING

III SEM - CME


1. Basic Electronics - Unit-1 - 90%.
Unit-2 - 100% completed
Unit-3 started 50%.
2. Basic Electronics Lab - 1st batch (lab equipments
stayed) sent
3. Digital Electronics - (Online class, board not
visible).
Unit-1 - 100% completed
Unit-2 started.
4. Discrete Mathematics - Unit 1 - 90% completed.
5. PPL -
6. PPL labs -
7. ACS labs - Explanation
8. OR - Unit-2 - 90%; Unit-1 100% completed
9. DSA - 2 Units completed
10. DSA labs - 2nd faculty req
Program Explanation
11. Students requesting for change of classroom

Attendees

1. Swetha V. [Signature]
(ECE Dept)

2. [Signature]

Project Domain


Stanley College of Engineering and Technology for Women
 Department of Computer Engineering
 MINI PROJECT - A9 2023-2024

S.NO	BATCH	Roll No	Name	Title	Domain	Guide	Students Signature
1	1	160620740023	K. Sahrutha reddy	Video based dynamic human authentication system for access control	Artificial intelligence	Dr K. Vaidehi	Sahrutha
2		160620740026	K. Lanya priya				Lanya
3							
4	2	160620740029	Mandhadi Nikhitha	student club portal	web development	Ms Padmaja	Nikhitha
5		160620740047	Vaahini Reddy k				Vaahini
6		160620740032	N chandana yadav				Chandana
7	3	160620740024	Khansa Nazim	AI VOICE ASSISTANT	Artificial intelligence	Dr D. Shravani	Khansa
8		160620740016	Hamsa Naleem				Hamsa
9		160620740044	Syeda Saniya Razi				Saniya
10	4	160620740006	Ayisha Begum	voice based email system for physically challenged	AI/Web based	Ms Sumera	Ayisha
11		160620740018	Heena Fathima Baig				Heena
12		160620740022	Kaniseti Uday Lalvani				Uday
13	5	160620740021	Kandadi Vajrayanthi	human pose estimation using conventional neural networks	deep learning / machine learning	Nandita Marvar	Vajrayanthi
14		160620740009	Bussu Sathvika				Sathvika
15		160620740015	Guntha Likita				Likita
16	6	160620740011	Dendi varsha	Cardiovascular Prediction using ML	Machine Learning	Ms Sumera	D. varsha
17		160620740034	P sameeksha				Sameeksha
18		160620740020	kamlekar Shivani				Shivani
19	7	160620740029	S Shajini	Traffic prediction for smart transportation using machine learning	Machine Learning	Ms Sumera	S.S.
20		160620740005	Ayesha Amreen				Ayesha
21		160620740041	Sarah Rizwan				Sarah
22	8	160620740042	Shaik sufiya	althBuddy(Healthcare chat)	Artificial intelligence	Ms Padmaja	Sufiya
23		160620740017	Haseeba Mabek				Haseeba
24		160620740050	Zufesha Sharmeen				Zufesha
25	8	160620740043	Sheena Fatima	The HR Management System	Web page based	Ms Juveria	Sheena
26							

27	160620740013	Gandla Vaishnavi					
28	160620740046	Uppala Sushmitha					Vaishnavi Sushmitha
29	9	160620740033	Neha Chattopothula	Parking lot system	web development	Ms. Saritha	Neha
30		160620740035	Darabasa Periwala				Darabasa
31		160620740003	Anisha Rawat				Anisha
32	10	160620740004	Arathanapalli Greshh	Foodisc - The food donating website	Web application	Ms. Saritha	Greshh
33		160620740048	Vadla Spandana				Spandana
34		160620740045	Thota Jhansi	modelling the linear relationship between sales and advertising dataset	machine learning	Ms. Sandhya	Jhansi
35	11	160620740027	Jakkampalli Karuna Sri Rao				Karuna
36		160620740008	Bobba spandana				spandana
37		160620740014	Gundeti Ramya				Ramya
38	12	160620740010	C. Adithi	Grade Up	Web application	Ms. Javeria	Adithi
39		160620740038	Rajana Sri Maheswari				Rajana
40		160620740012	G. poojitha				G. Poojitha
41	13	160620740037	Rangavazzala Bhanu Sri	ent Prevention and Sensor S	Artificial Intelligence	Ms. Nazim	Bhanu
42		160620740002	Alekhyia Alle				Alekhyia
43		160620740025	Manisha Kotha				Manisha
44	14	160620740001	A Swechha Sonal	STAN-LIBRARY	Web application	Ms. Asma Begum	Sonal
45		160620740040	S. Varshini				Varshini
46		160620740049	Sri Madhuri				Madhuri
47	15	160620740028	Mashti khanna	the head space	Web page based	Nandita Manwar	Mashti
48		160620740019	keerthy reddy				Keerthy
49		160620740030	Musham sravani				Sravani
50	16	160620740031	Myla Haripriya	plagiarism detection	Artificial intelligence	Ms. Asma Begum	Haripriya
51		160620740301	Yerukali Rekha				Rekha
52		160620740302	Katrotth Divya				Divya
53	17	160620740007	Biradar Nikita	Sign Language Recognition System	Web application	Ms. Sandhya	Nikita

Coordinator

HOD-ADITYA

Stanley College of Engineering and Technology for Women
Department of ADCE

V Sem CME -Mini Project A.Y 2021-22

S.NO	Batch	Roll No	Name	Title	Guide	Marks
1	CME - 001	160619740040	POCHAMPALLY VYSHNAVI	Algorithm to find safest Route	Mr.Rajashekar sastry	49
2		160619740012	BHUMIREDDY LIKITHA			49
3		160619740047	SIDDAVATHULA PAVANI			49
4		160619740009	BANDAPELTY AISHWARYA			46
5	CME - 002	160619740008	BADDAM SPOORATHI REDDY	Stock Market Prediction(Python)	Dr.K.Vaidehi	47
6		160619740044	RAGHUKULA HASMITHA			47
7		160619740048	VEDHA VAIDEHI SUBRAMANIAM			49
8		160619740011	BANDLOJU BHAVANI			48
9	CME - 003	160619740025	KOTAMSETTI VARALAXMI	Student Info	Mrs.S.Priya Nandini	48
10		160619740020	GUDA KIRTHI KOSHUKA			49
11		160619740014	CHAMALA RADHIKA SAI			48
12	CME - 004	160619740015	DASA SPANDANA	Fake news detection	Mrs.S.Priya Nandini	46
10		160619740005	ARCOT VIBHA			50
11		160619740013	BODDU NIKITHA SRI SAI			49
12	CME - 005	160619740019	EDARA ROSHITHA	Result Analysis	Mrs.Asma Begum	49
13		160619740006	BEEJANI BHAVANI			49
14		160619740049	VEM SUSHMA			50
15	CME - 006	160619740050	K. MEGHANA	Library Management	Mrs.R.Sirisha	49
16		160619740001	ADABALA NANDINI DEVI			47
17		160619740002	ALAMPALLY SUSHMA			47
18	CME - 007	160619740030	KARIPE HIRANMAYI	Handwritten Digit Recognition	Mrs.Asma Begum	47
19		160619740018	E NISHITA			48
20		160619740038	PAGADALA ANANYA			49
21	CME - 008	160619740045	SIVARAJU VAISHNAVI TANMAYEE	Farm management system	Dr.D.Sravani	48
22		160619740035	NADIMPALLI NAGA VAISHNAVI VISHNU P			45
23		160619740036	NEHA SHRI MEKA			45
24	CME - 009	160619740042	Punjari samyuktha	Food recommendations	Mrs.Sumera	45
25		160619740026	KULKARNI SAI POOJA			49
26		160619740027	KURAPATI HIMASWETHA			48
27	CME - 010	160619740034	MUSKU TEJASWINI	Automatic Time Table	Mrs.Asma Begum	4

28	CME - 011	160619740022	KODITHYALA PRANITHA	mentoring form	Mrs. R. Sirisha	50
29		160619740032	MADASU KAMANI			45
30		160619740023	KONDAJI AMULYA			45
31	CME - 012	160619740004	AYESHA SIDDIQUA	Media Controlling using hand gestures	Ms.Nadia Anjum	46
32		160619740003	AMENA SAHER			49
33		160619740301	UMAMA SALIKA			44
34	CME - 013	160619740017	DSV LAKSHMI SATVIKA	Online Tourism Management	Mrs.Sumera	48
35		160619740016	DONTHINENI DIVYA			48
36		160619740043	RANGA RITHIKA DEVI			48
37	CME - 014	160619740021	K.L. Pranavi	Academic calander	Dr.K.Vaidehi	48
38		160619740031	L.Sri Sharana			48
39		160619740041	P.Suvarsha			46
40	CME - 015	160619740039	P.Tejaswini	drowsiness detection	Mrs.R.Sirisha	48
41		160619740046	Shaik Shania			46
42		160619740037	P.Hima Varshini			47
43	CME - 016	160619740028	K.Kruthi	Maze solver	Dr.K.Vaidehi	46
44		160619740029	K.sreshtha			46
45		160619740024	K.Priyanka			46
46	CME - 017	160619740033	M.Shreya	Inventory management system	Mrs.K.Srilatha	49
47		160619740010	B.Navya			48

[Signature]
Project Coordinator

[Signature]
HOD

Teaching Diary

	Class: CME Time: 10:00-11:00	Class: AIIDS Time: 2:30-3:30	Class: Time:	Class: Time:
	Topic:	Topic:	Topic:	Topic:
Monday Date: 17/4/23	DeadLock Recovery	DeadLock Recovery		
Tuesday Date: 18/4/23	AIIDS 12:00-1:00 Memory Management Introduction.	AIIDS 1:30-4:30 E1-7		
Wednesday Date: 19/4/23	AIIDS 3:30-4:30 Logical & Physical Addressspace.	CME 9:00-10:00 Memory Management Introduction.		
Thursday Date: 20/4/23	AIIDS 10:00-11:00 Paging, Hardware	CME 12:00-1:00 Logical & physical address map, Memory Allocation.		
Friday Date: 21/4/23	CME 10:00-1:00	CME 2:30-3:30 Fragmentation Paging		
Saturday Date: 22/4/23	AIIDS 9:00-10:00	CME 12:00-1:00 Ramzan id		

Signature of the Teacher

Signature of the Incharge / Head of the Department

Lesson Plan

Stanley College of Engineering and Technology for Women
(Autonomous)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
Chapel Road, Abids, Hyderabad - 500 001

LESSON PLAN 2022-2023

Course Name: OPERATING SYSTEMS Course Code: SPC402CM Regulation: Ay 2022-23
 Program / Year / Semester: IV Credits: 3 Max Marks: 100
 Course Type: Core / Elective / Inter-Disciplinary/ Maths / Science / Humanities / Computing: core
 Course Area/Domain: Contact Hours: 5 (Tutorial) Hours/Week.
 Corresponding Lab Course Name, Code (If Any): OPERATING SYSTEMS
 Pre-Requirement Courses/Sem/Code (If Any) : Basic Programming Language

Syllabus			
UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Introduction: Concept of Operating Systems, Generations of Operating systems, Types of Operating Systems, OS Services, System Calls, Structure of an OS - Layered, Monolithic, Microkernel Operating Systems, Concept of Virtual Machine.	13	4
II	Processes: Definition, Process Relationship, Different states of a Process, Process State transitions, Process Control Block (PCB), Context switching. Thread: Definition, Various states, Benefits of threads, Types of threads, Concept of multithreads. Process Scheduling: Foundation and Scheduling objectives, Types of Schedulers, Scheduling Criteria, Scheduling algorithms, multiprocessor scheduling.	10	1
III	Process Synchronization: Inter-process Communication: Critical Section, Race Conditions, Mutual Exclusion, Peterson's Solution, classical problems of synchronization: The Bounded buffer problem, Producer/Consumer Problem, reader's writer problem, Dining philosopher's problem. Semaphores, Event Counters, Monitors, Message Passing. Deadlocks: Definition, Necessary and sufficient conditions for Deadlock, Methods for Handling: Deadlocks: Deadlock prevention, Deadlock Avoidance: Banker's algorithm, Deadlock detection and Recovery	10	4
IV	Memory Management: Basic concept, Logical and Physical address map, Memory allocation:	10	1

Contiguous Memory allocation, fragmentation, and Compaction, Paging: Principle of operation - Page allocation - Hardware support for paging, structure of page table, Protection and sharing. Disadvantages of paging.
Virtual Memory: Basics of Virtual Memory - Hardware and control structures - Locality of reference, Page fault, Working Set, Dirty page/Dirty bit - Demand paging, Page Replacement algorithms, Trashing.

V **File Management:** Concept of File, Access methods, File types, File operation, Directory structure, File System structure, Allocation methods, Free-space management, directory implementation, efficiency, and performance.
Secondary-Storage Structure: Disk structure, Disk scheduling algorithms, Disk Management, RAID structure.

TOTAL	56	14
-------	----	----

Prepared by
Swapna.C
(Faculty)
with sign

Approved by
(HOD)
with sign

Dean Academics with sign

Revised Almanac



Stanley College of Engineering and Technology for Women (AUTONOMOUS)

(Affiliated to Osmania University)

(Accredited by NAAC with "A" Grade, Accredited by NBA)

Chapel Road, Ahils, Hyderabad - 500 001



ALMANAC for the Academic year 2021-2022 - B.E. I & II Semesters (AUTONOMOUS)

I - Semester		
1	Induction Programme (1 Week)	22 - 11 - 2021 to 28 - 11 - 2021
2	Commencement of Instruction	29 - 11 - 2021
3	CIE (Internal Test) - I	03 - 01 - 2022 to 05 - 01 - 2022
4	CIE (Internal Test) - II	02 - 03 - 2022 to 04 - 03 - 2022
5	Last Date of Instruction	05 - 03 - 2022
6	Mandatory Course (MC) Theory Examination (SEE)	10 - 03 - 2022 & 11 - 03 - 2022
7	CIE (Internal Test) - III (Optional)	07 - 03 - 2022 & 08 - 03 - 2022
8	Preparation and Practical Examinations	14 - 03 - 2022 & 23 - 03 - 2022
9	Submission of Attendance to Exam Branch	10 - 03 - 2022
10	Submission of CIE marks to Exam Branch	20 - 03 - 2022
11	Commencement of Theory Examinations (SEE)	24 - 03 - 2022 to 30 - 03 - 2022
II - Semester		
1	Commencement of Instruction	31 - 03 - 2022
2	CIE (Internal Test) - I	09 - 05 - 2022 to 11 - 05 - 2022
3	CIE (Internal Test) - II	20 - 06 - 2022 to 22 - 06 - 2022
4	Last Date of Instruction	24 - 06 - 2022
5	Mandatory Course (MC) Theory Examination (SEE)	25 - 06 - 2022 & 27 - 06 - 2022
6	CIE (Internal Test) - III (Optional)	23 - 06 - 2022 & 24 - 06 - 2022
7	Preparation and Practical Examinations	28 - 06 - 2022 to 09 - 07 - 2022
8	Submission of Attendance to Exam Branch	26 - 06 - 2022
9	Submission of CIE marks to Exam Branch	05 - 07 - 2022
10	Commencement of Theory Examinations (SEE)	11 - 07 - 2022 to 18 - 07 - 2022
11	Semester Break	19 - 07 - 2022 to 31 - 07 - 2022
12	Commencement of Next Academic Year 2022 - 2023	01 - 08 - 2022

Note: (1) Semester Break (*): Internships/Field Work and Supplementary Exams must be completed.
(2) Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

Dr A Kamala Durga
Dean Academics

Dr A Vinaya Babu
Dean Academics



STANLEY

STANLEY COLLEGE FOR WOMEN, KANDAMBAKUNDA, TRIPUNITHURAI, PINNACULAR
 UNIVERSITY, KANDAMBAKUNDA, TRIPUNITHURAI, PINNACULAR
 UNIVERSITY, KANDAMBAKUNDA, TRIPUNITHURAI, PINNACULAR
 UNIVERSITY, KANDAMBAKUNDA, TRIPUNITHURAI, PINNACULAR

1st SEMESTER FOR THE ACADEMIC - CALENDER (2022-2023)

MONTH	DATE	DAY	EVENT
OCT - NOV (2022)	31-10-2022	Monday	Commencement of Instructions (Orientation Day)
	31-10-2022 to 5-11-2022	Monday to Saturday (1 Week)	Induction Program
	26-11-2022	Saturday	Freshers Day
DECEMBER (2022)	30/12/2022	Saturday	Outreach Program (Chem Dept)
	17-12-2022	Saturday	Competitions for Mathematics (Day) Maths dept
	22-12-2022	Thursday	Celebrations of Mathematics day
	23-12-2022	Friday	Christmas Celebrations
	31-12-2022	Saturday	New Year Celebrations
JANUARY (2023)	5-1-2023 to 7-1-2023	Thursday to Saturday	CIE-I
	12/1/2023	Thursday	Green Campus (Reuse Of Plastic) (Mech Dept)
	21-1-2023	Sunday	Out reach Program (Chem Dept)
FEBRUARY (2023)	4/2/2023	Sunday	Theater Club (English Dept)
	21-2-2023	Saturday	Competitions For Science Day (Phy Dept)
	28-2-2023	Tuesday	Science Day Celebrations (Phy Dept)
March (2023)	2-3-2023 to 4-3-2023	Thursday to Saturday	CIE-II
	7/3/2023	Tuesday	Holi Celebrations
	8-3-2023 to 10-3-2023	Wednesday to Friday	CIE-III
	10/3/2023	Friday	Last Date of Instructions
	10/3/2023	Friday	Submission of Attendance
	15-3-2023 to 24-3-2023	Monday to Friday (2Weeks)	Preparation of Practical and External Examinations
	20-3-2023	Monday	Submission Of CIE Marks
	24-3-2023 to 13-4-2023	Saturday to Thurs day (3Weeks)	Commencement of Theory Exams
APRIL (2023)	14-4-2023 to 19-4-2023	Friday to Wednesday (1 Week)	Semester Break
	20-4-2023	Thurs day	Commencement of 2nd Sem



Stanley College of Engineering and Technology for Women
(AUTONOMOUS)

(Affiliated to Osmania University)

(Accredited by NAAC with "A" Grade, Accredited by NBA)

Chapel Road, Abids, Hyderabad - 500 001



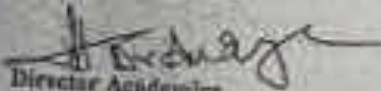
Dt: 08 - 03 - 2022

ALMANAC for the Academic year 2021-2022 - B.E. II Semester (AUTONOMOUS)

II - Semester		
1	Semester Break	31 - 03 - 2022 to 10 - 04 - 2022
2	Commencement of Instruction	11 - 04 - 2022
3	CIE (Internal Test) - I	23 - 05 - 2022 to 25 - 05 - 2022
4	CIE (Internal Test) - II	04 - 07 - 2022 to 06 - 07 - 2022
5	Last Date of Instruction	08 - 07 - 2022
6	Mandatory Course (MC) Theory Examination (SEE)	11 - 07 - 2022 to 13 - 07 - 2022
7	CIE (Internal Test) - III (Optional)	07 - 07 - 2022 & 08 - 07 - 2022
8	Preparation and Practical Examinations	14 - 07 - 2022 to 23 - 07 - 2022
9	Submission of Attendance to Exam Branch	10 - 07 - 2022
10	Submission of CIE marks to Exam Branch	20 - 07 - 2022
11	Commencement of Theory Examinations (SEE)	26 - 07 - 2022 to 01 - 08 - 2022
12	Semester Break	02 - 08 - 2022 to 15 - 08 - 2022
13	Commencement of Next Academic Year 2022 - 2023	16 - 08 - 2022

Note: (1) Semester Break (*): Internships/Field Work and Supplementary Exams must be completed.

(2) Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.


Director Academics
Dr. A. Kanaka Durga


Dean Academics
Dr. A. Vinaya Babu

I-S
M



Stanley College of Engineering and Technology for Women

(Autonomous)

(Affiliated to Osmania University)

(Accredited by NAAC with "A" Grade, Accredited by NBA)

Chapel Road, Abids, Hyderabad - 500 001

Lastest 26-10-22

Dec 18-10-2022

ALMANAC for all UG Programs - B.E. I Semester for the Academic year 2022-2023

(Autonomous)
Ist Semester

Commencement of Instruction	31 st Oct, 2022
Indoction Programme	31 st Oct, 2022 - 5 th Nov, 2022
CIE (Internal Test) - I	5 th , 6 th & 7 th Jan, 2023
CIE (Internal Test) -II	2 nd , 3 rd & 4 th Mar, 2023
CIE (Internal Test) -III (Optional)	8 th , 9 th & 10 th Mar, 2023
Last Date of Instruction	10 th Mar, 2023
Preparation and Practical Examinations	13 th Mar, 2023 - 24 th Mar, 2023
Submission of Attendance to Exam Branch	10 th Mar, 2023
Submission of CIE marks to Exam Branch	20 th Mar, 2023
Commencement of Regular Theory Examinations (SEE)	25 th Mar, 2023 - 13 th Apr, 2023
Semester Break*	14 th Apr, 2023 - 19 th Apr, 2023
Commencement of II Semester 2022 - 2023	20 th Apr, 2023

Semester Break*: (I) Key to Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

Dr A Kanaka Durga
Director Academics & Audit

Dr A Vinaya Babu
Dean Academics

CC: All HoDs/Exam Branch/Library/Accounts/Office

COURSE INFORMATION SHEET EEE

COURSE NAME: EITK	COURSE CODE: SMC902PY	REGULATION: 2021-22
PROGRAM / YEAR / SEMESTER: Year-I / Semester-II	CREDITS: 60+40 (CREDITS 0)	
COURSE TYPE: HUMANITIES&SCIENCES		
COURSEAREA/DOMAIN: Engineering English	CONTACT HOURS: 2 hours/Week	
CORRESPONDING LAB COURSE NAME, CODE (IF ANY):		
PRE-REQUISITE COURSES/SEM/CODE (IF ANY) :		

SYLLABUS:

UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Introduction to Culture: Culture, civilization, culture and heritage, general characteristics of culture, importance of culture in human literature, Indian Culture, Ancient India, Medieval India, Modern India	8	2
II	Indian Languages, Culture and Literature: Indian Languages and Literature-I: the role of Sanskrit, significance of scriptures to current society, Indian philosophies, other Sanskrit literature, literature of south India Indian Languages and Literature-II: Northern Indian languages & literature	8	2
III	Religion and Philosophy: Religion and Philosophy in ancient India, Religion and Philosophy in Medieval India, Religious Reform Movements in Modern India (selected movements only)	8	2
IV	Fine Arts in India (Art, Technology& Engineering): Indian Painting, Indian handicrafts, Music, divisions of Indian classic music, modern Indian music, Dance and Drama, Indian Architecture (ancient, medieval and modern), Science and Technology in India, development of science in ancient, medieval and modern India	9	2
V	Education System in India: Education in ancient, medieval and modern India, aims of education, subjects, languages, Science and Scientists of Ancient India, Science and Scientists of Medieval India, Scientists of Modern India	9	2
TOTAL		32	10

TEXT/REFERENCE/ADDITIONALBOOKS:Suggested Reading:

Kapil Kapoor, "Text and Interpretation: The India Tradition", ISBN: 81246033375,2005

"Science in Samskrit", Samskrita Bharti Publisher, ISBN 13: 978-8187276333,2007

NCERT, "Position paper on Arts, Music, Dance and Theatre", ISBN 81-7450 494-X,200

S. Narain, "Examinations in ancient India", Arya Book Depot,1993

Satya Prakash, "Founders of Sciences in Ancient India", Vijay Kumar Publisher,1989

M.Hiriyanna,"EssentialsofIndianPhilosophy",MotilalBanarsidassPublishers,ISBN13: 978-8

978-8120810990,2014

T/R	BOOK TITLE/AUTHORS/PUBLISHER
-----	------------------------------

COURSE OUTCOMES:

SNO	DESCRIPTION	PO(L12) MAPPING	PSO(L3) MAPPING
SMC902PY.1	<i>Acquire Knowledge of Indian Philosophy</i>	PO6, PO7,PO12	
SMC902PY.2	Comprehend The Importance of Language in the development of Society	PO7, PO10,PO12	
SMC902PY.3	Able to distinguish the Philosophical Contributions of Various Religions	PO7,PO8,PO10,PO12	
SMC902PY.4	Understand / comprehend the Scientific Progress in Ancient/Medieval/Modern India.	PO7,PO8,PO10,PO12	
SMC902PY.5	Apply the acquired Knowledge in new situations or in his own life	PO6,PO8,PO10,PO12	

(Course outcomes Minimum 4 Maximum 6)

COURSE OUTCOMES VS POs MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1); CSE

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
SMC902PY.1						3	3						3	
SMC902PY.2							3	3		3			3	
SMC902PY.3							3	3		3			3	
SMC902PY.4							3	3		3			3	
SMC902PY.5							2	3		3			3	

* For Entire Course, PO & PSO Mapping Note: Enter correlation levels 1,2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High) If there is no correlation, put "-"

POs & PSO REFERENCE:

PO1	Engineering Knowledge	PO6	Engineer & Society	PO11	Project Mgt. & Finance
PO2	Problem Analysis	PO7	Environment & Sustainability	PO12	Life Long Learning
PO3	Design & Development	PO8	Ethics	PSO1	Problem-Solving Skills
PO4	Investigations	PO9	Individual & Team Work	PSO2	Successful Career and Entrepreneurship
PO5	Modern Tools	PO10	Communication Skills	PSO3	Design, implement, test, and evaluate a computer system, component, or algorithm to meet desired needs and to solve a computational problem

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1	The Indian Political Atmosphere in the Context of Liberalization, Privatization & Globalization, Changing Socio-Cultural Scenario	Class Room Debate & Discussion	Video	SMC902PY.4	7,8,10,12
2	Need to understand the fictions & Ruptures at different Periods of Indian History	Guest Lecture	Department of Philosophy	SMC902PY.3	7,8,10,12

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO / PSO
1	Autobiographical readings of Philosophers, Bible, Bhagavat Gita, Yoga Demonstrations	SMC902PY.1	6, 7, 12
2	Internet	SMC902PY.1,2,3,4,5	6,7,8,10,12
3	Workshop on Dance & Music	SMC902PY.3	7, 8, 10, 12
4	Guest lecture on importance of Oriental languages in Communication	SMC902PY.2	7, 10, 12

Web Link of the Course Material: <https://uwaterloo.ca/centre-for-teaching-excellence/teaching-resources/teaching-tips/communicating-students/telling/effective-communication-barriers-and-strategies>

Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners:

1. Regular Slip test in the class rooms.
2. Practice the previous question papers.
3. Counseling the weak students regularly.

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/>	REAL WORLD EXAMPLES	<input checked="" type="checkbox"/>	COLLABORATIVE LEARNING	<input type="checkbox"/>	QUALITY LAB EXPERIMENTS	<input type="checkbox"/>	OBSERVATIONS RECORDED
<input type="checkbox"/>	INDUSTRY INTERNSHIP	<input type="checkbox"/>	SUMMER TRAINING	<input checked="" type="checkbox"/>	EXPERT GUEST LECTURES	<input type="checkbox"/>	PROJECTS
<input checked="" type="checkbox"/>	USE OF ICT	<input type="checkbox"/>	ANY OTHER (SPECIFY)	<input type="checkbox"/>		<input type="checkbox"/>	

ASSESSMENT METHODOLOGIES-DIRECT

<input checked="" type="checkbox"/>	EXAM QUESTIONS	<input checked="" type="checkbox"/>	TUTORIAL QUESTIONS	<input checked="" type="checkbox"/>	ASSIGNMENTS	<input type="checkbox"/>	LABORATORY TESTS
<input type="checkbox"/>	PROJECT EVALUATION	<input checked="" type="checkbox"/>	STUDENT ARTIFACTS	<input checked="" type="checkbox"/>	ORAL EXAMS	<input checked="" type="checkbox"/>	PROJECT PRESENTATIONS
<input checked="" type="checkbox"/>	INTERNALLY DEVELOPED EXAMS	<input type="checkbox"/>	ANY OTHER (SPECIFY)	<input type="checkbox"/>		<input type="checkbox"/>	

ASSESSMENT METHODOLOGIES-INDIRECT

<input checked="" type="checkbox"/>	STUDENT EXIT SURVEY	<input checked="" type="checkbox"/>	CO-CURRICULAR ACTIVITIES	<input checked="" type="checkbox"/>	EXTRA CURRICULAR ACTIVITIES	<input type="checkbox"/>	
-------------------------------------	---------------------	-------------------------------------	--------------------------	-------------------------------------	-----------------------------	--------------------------	--

Prepared by
Dr. V. Anuradha

Approved by
(HOD H&S)

COURSE INFORMATION SHEET - CSE

COURSE NAME: Mathematics II	COURSE CODE: SB201MT	REGULATION: 2022-23
PROGRAM / YEAR / SEMESTER: BE- II Sem	CREDITS: 4(40+60)	
COURSE TYPE: Basic Sciences		
COURSE AREA/DOMAIN: MATHEMATICS	CONTACT HOURS: 3+1 (Tutorial) hours/Week.	
PRE-REQUISITE COURSES/SEM/CODE (IF ANY) : Basic Mathematics		

SYLLABUS:

UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Differential Equations of First Order: Exact Differential Equations, Integrating Factors, Linear differential Equations, Bernoulli's Equation, Riccati's and Clairaut's differential equations, Orthogonal Trajectories of a Given Family of Curves, Applications of differential equations-L-C,L-R circuit.	9	1
II	Differential Equations of Higher Order: Solutions of second and higher order linear Homogenous Equations with Constant Coefficients, Method of reduction of order for the linear homogeneous second order differential equations with variable coefficients, Solutions of non-homogeneous linear differential equations, Method of Variation of Parameters, solution of Euler-Cauchy Equation, Applications of differential equations-L-CR circuit.	10	1
III	Special functions: Gamma Function, Beta Function, Relation between Gamma and Beta Functions, Error Function, Power Series Method, Legendre's Differential Equations and Legendre's Polynomial $P_n(x)$, Orthogonal property of Legendre's Polynomial, Rodrigue's Formula (with proof).	10	1
IV	Matrices: Rank of a matrix, Echelon form, System of linear equations, Linear dependence, independence of vectors, Linear transformation, Orthogonal transformation, Eigen values, Eigenvectors, Properties of eigen values, Cayley-Hamilton theorem, Quadratic forms, Reduction of quadratic form to canonical form by orthogonal transformation, Nature of quadratic form.	12	1
V	Laplace Transforms: Laplace Transforms, Inverse Laplace Transforms, Properties of Laplace Transforms and inverse Laplace Transforms, Convolution Theorem (without proof). Solution of ordinary differential Equations using Laplace Transforms.	14	1
TOTAL		55	5

TEXT/REFERENCE/ADDITIONAL BOOKS:

T/R BOOK TITLE/AUTHORS/PUBLISHER

T1 R.K. Jain & S.R.K. Iyengar, *Advanced engineering Mathematics*, Narosa Publications, 4th Edition, 2014

T2 Erwin Kreyszig, *Advanced Engineering Mathematics*, John Wiley, 9th Edition, 2012.

R1 Dr.B.S.Grewal, *Higher Engineering Mathematics*, Khanna Publications, 43rd Edition, 2014.

R2 B.V. Ramana, *Higher Engineering Mathematics*, 23rd reprint, 2015.

R3 N. Bali, M.Goyal, *A text book of Engineering Mathematics*, Laxmi publications, 2010.

R4 H.K.Dass, Er. Rajnish Varma, *Higher Engineering Mathematics*, Schand Technical Third Edition.

WEB SOURCE REFERENCES: (Detailed Topic link)

W1 NPTEL VIDEO LECTURES

W2 WOLFRAN MATHWORLD

COURSE OUTCOMES:

SNO	DESCRIPTION	PO(1-12) MAPPING	PSO(1-3) MAPPING
SB201MT.1	Solve system of equations and eigen value problems.(Application)	PO1,PO2,PO3,PO4,PO5,PO12	PSO1,PSO2
SB201MT.2	Solve certain first order and higher order differential equations.(Application)	PO1,PO2,PO3,PO4,PO5,PO12	PSO1,PSO2
SB201MT.3	Solve basic problems of Beta, Gamma and Legendre's Function. (Application)	PO1,PO2,PO3,PO4,PO5,PO12	PSO1,PSO2
SB201MT.4	Apply Laplace transforms, solve ordinary differential equations by using it. (Application)	PO1,PO2,PO3,PO4,PO5,PO12	PSO1,PSO2

COURSE OUTCOMES VS POs MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1):

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
SB201MT.1	3	3	2	2	-	-	-	-	-	-	2	3	1	
SB201MT.2	3	3	2	2	-	-	-	-	-	-	2	3	1	
SB201MT.3	3	3	2	2	-	-	-	-	-	-	2	3	1	
SB201MT.4	3	3	2	2	-	-	-	-	-	-	2	3	1	
SB201MT.5	3	3	2	2	-	-	-	-	-	-	2	3	1	

* For Entire Course, PO & PSO Mapping

Note: Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

If there is no correlation, put "--"

POs & PSO REFERENCE:

PO1 Engineering Knowledge	PO6 Engineer & Society	PO11 Project Mgt. & Finance
PO2 Problem Analysis	PO7 Environment & Sustainability	PO12 Life Long Learning
PO3 Design & Development	PO8 Ethics	PSO1 Problem-Solving Skills
PO4 Investigations	PO9 Individual & Team Work	PSO2 Design, implement
PO5 Modern Tools	PO10 Communication Skills	PSO3

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1	Applications of Differential Equations	Assignment		SB201MT.2	PO2

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO / PSO
1	Introduction to Mat lab for better understanding	SB201MT.1,2,3,5	PO2

Web Link of the Course Material: www.stanleylms.swecha.org

Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners:

1. Unit wise Assignments
2. Concept wise class test
3. Solving of previous question papers
4. Divided into groups
5. Seminars in the class through presentations

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/> REAL WORLD EXAMPLES	COLLABORATIVE LEARNING	QUALITY LAB EXPERIMENTS	OBSERVATIONS RECORDED
INDUSTRY INTERNSHIP	SUMMER TRAINING	EXPERT GUEST LECTURES	PROJECTS
USE OF ICT	ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-DIRECT

<input checked="" type="checkbox"/> EXAM QUESTIONS	<input checked="" type="checkbox"/> TUTORIAL QUESTIONS	<input checked="" type="checkbox"/> ASSIGNMENTS	LABORATORY TESTS
PROJECT EVALUATION	STUDENT ARTIFACTS	ORAL EXAMS	PROJECT PRESENTATIONS
INTERNALLY DEVELOPED EXAMS	ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-INDIRECT

<input checked="" type="checkbox"/> STUDENT EXIT SURVEY	CO-CURRICULAR ACTIVITIES	EXTRA CURRICULAR ACTIVITIES
---	--------------------------	-----------------------------

Prepared by

DQAC

Approved by

(HOD)

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR
WOMEN (Autonomous)
Chapel Road, HYDERABAD

Department of Humanities & Sciences

B.E./I SEMESTER A.Y: 2022-23

WORKSHOP (SES 914 ME)

LESSON PLAN

Course Instructor:

Mr GPV Naganjaneyulu, Associate professor

Mrs E Latha Devi, Asst. Prof

Mr K Rajesh, Asst. Prof

Mrs. Saba Fathima, Asst. Prof

Dr.G.Saritha, Associate professor

Course Instruction Distribution | Learning Hours | Marks: 100

Weeks: 6 classes

Learning Hours: 50

Marks: External - 60M & Internal - 40M

Course Objectives:

1. Identify and use marking out tools, hand tools, measuring equipment and to work to prescribed tolerances

2. To provide hands on experience about use of different engineering materials, tools, equipment's and processes those are common in the engineering field.

3. To gain basic knowledge on various manufacturing processes used for the production of various engineering products.

4. To gain hands on exposure on computer hardware and working knowledge on computers and software.

5. Adopt safety practices while working with various tools.

Subject	Workshop
Faculty 1	Mr GPV Naganjaneyulu, Associate professor H&S Department
Faculty 2	Mrs E Lathadevi, Assistant professor H&S Department
Faculty 3	Mr. K Rajesh, Assistant professor H&S Department
Faculty 4	Mrs. Saba Fathima, Assistant professor H&S Department
Faculty 5	Dr.G.Saritha, Associate professor H&S Department

LESSON
SEM-2

Topic	Per Week	LIST OF EXPERIMENTS	HOURS (Practical)
I	IX-X WEEK	CARPENTRY:	23-01-2023 to 24-03-2023
		1. Sawing and Grooving.	
		2. T-lap joint and	
		3. Dove-tail joint.	
II	XI-XII WEEK	FITTING:	23-01-2023 to 24-03-2023
		1. Square fitting	
		2. Half round fitting.	
		3. V-Fitting	
III	I-III WEEK	HOUSE WIRING:	07-11-2022 to 16-12-2022
		1. Series wiring and parallel wiring by one way switch,	
		2. Two way switching for stair case light	
		3. Tube light connections	
IV	III-IV WEEK	SHEET METAL WORKING:	07-11-2022 to 16-12-2022
		1. Open Scoop,	
		2. Funnel,	
		3. Rectangle tray and a cone	
V	V-VI WEEK	WELDING:	19-12-2022 to 20-01-2023
		1. Lap joint,	
		2. T-joint, L-joint	
		3. Corner joint	
VI	VII-VIII WEEK	PLUMBING:	27-03-2023 to 07-04-2023
		1. Preparation of nipple and fitting to elbow,	
		2. Preparation of nipple and fitting to elbow	
		3. Tee, union and coupling	
		4. Tap connection and shower connection	
VII	XIII WEEK	IT WORKSHOP:	27-03-2023 to 07-04-2023
		1. Computer hardware,	
	XIII WEEK	2. Identification of parts	
		3. Disassembly.	
	XIV WEEK	4. Assembly of computer to working condition,	
		5. Operating system installation.	
TOTAL			69

Stanley College of Engineering and Technology for Women
Chapel Road, Abids, Hyderabad.

H&S Department
Syllabus Coverage

SEM: I

Date: 1-2-2022 Section: **IT-A**

S NO	Subject Name	Faculty Name	Classes Held	Syllabus Coverage (Unit-wise / %)	Faculty Sign	Remarks
1	CHEMISTRY	R. GANGADHARA	27	3.5 Units 75%	R.G. 1/2/22	N/A
2	Basics of Electrical and Electronics EES	Dr. K. Prabhakar Rao	29	Units 1, 2 - Completed Unit 3 - 95%	K.P. 1/2/22	NA
3	M-I	Anusha	26	3 units completed		
4	PPS	Dr. Kishor Reddy	42	3.7 units completed		
5						
6	Environmental Science	B. SriLatha	16	Unit - 1, 2, 3 Completed unit - 2/3	B.S.	
Lab 1	Chemistry Lab	R. Gangadharan	18 hrs	6 Experiments 80%		
Lab 2	BE EC Lab	Dr. K. Prabhakar Rao	6 Labs	4 experiments completed	K.P. 1/2/22	- NA -
Lab 3	PPS Lab	Dr. Kishor Reddy	5 Labs	5 experiments of 2 experiments - 100% completed		
Lab 4	Engg Graphics	SPVN / B.V. Bhargavi	12 Labs	3 topics out of 16		

K. Prabhakar
 HoD, H&S

Syllabus Coverage Department: H & S SEM:- I DATE:- 30-12-2021

S.No	Subject Code	Subject Name	Faculty Name	Classes Held	% of Students Attended	Syllabus Coverage	Faculty Sign	Remarks
1		M-I	Ms. A. Anusha	23	96%	1.75 units		
2		Physics	Ms. P. Anusha	20	97%	1.5 units		
3		PPS	Nadiya Abjurn.	24	97%	1.5 units		
4		English	Heena Khan	8	96%	2.5 units		
5		I.C.	Amarnath P.	8	96%	1.5 units		
6		Aptikate	P. Pavan Kumar	5	96%	3 topics completed		
Lab 1		Engineering lab I.T. lab	B. V. Bhargavi S. Praga Nand	5 sessions 4	96% 96%	1 theory 4 experiments	 	
Lab 2		Physics Lab	P. Anusha	5 sessions	97%	4 Experiments		
Lab 3		PPS Lab.	Nadia Anjurn	4 sessions	97%	WEEK 1-4 WEEK 2-4 assessments		
Lab 4		English Lab.	Heena Khan	6 sessions	96%	4 Topics Completed		

Class Incharge

Remarks by HoD

HoD

MS	Mithuna naam	Unit I, II, III, V	Unit IV, ^{topics of} Unit III	A/ra Urume Amara	160622737066
Chandana	Sajada naam	Unit I, II, III, IV	Unit V		
MS	Nihankamaam	Units: I, II, IV	Unit V		
MS	Kavali naam	Unit I, II, III, IV half	Unit IV		
MS	S. Simaltha naam	Unit I, II, III	Unit IV, ^{topics of} Unit V		
Chemistry Lab	Sajada naam	7 experiments	2 experiments		
MS LAB	Sajada naam	upto perfection of planes	projection of solids & tubes of solids, calculation of angles		
MS LAB	Nihankamaam	upto week 6	week 7 - week 11		
MS LAB	Shoubha naam	8 experiments	4 experiments		

MS/MS

Taha

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
DEPARTMENT OF HNS
SYLLABUS COVERAGE AS ON 30-01-2023

Class	Subject	Teacher	Syllabus covered unit wise	Syllabus pending unit wise	Name of the Student	Hall No. of the Student
12-A	PH	Amsha Mam	Unit - I, II, V	Unit - III and IV	Gayatri	160622735028
	Chemistry	Rashekar sir	Unit - I, II, III	Unit - IV and V	Gayatri	160622735028
	PH	Dr. shreelatha	Unit - I, II, III	Unit - IV and V	Gayatri	160622735029
	PH	S. Suman sir	Unit - I, II, V	Unit - III and IV	Gayatri	160622735029
	PH	Sajitha mam	Unit - I, II, III	Unit - IV and V	Gayatri	160622735028
	Chemistry Lab	Dr. Rashekar	EXP-1,2,3,4,5,6,7,8	9 th exp	Gayatri	160622735028
	PH Lab	Saba mam	Unit - I, II, III, IV	12 to 22	Gayatri	160622735028
	PH Lab	Dr. shreelatha	Week - 1, 10, VII, VIII	IX th , X th week	Gayatri	160622735028
PH Lab	Sneha mam	EXP-1 to 7	8 th	Gayatri	160622735028	
12-B & 12-C	PH	Mythee Mam	Unit I, II, V, VI	IV, VII, VIII	Kusya Meenarshi	106022735101
	Chemistry	Rajesh sir	I, II, III	IV, V	Kusya Meenarshi	106022735101
	PH	Radhika mam	I, II, III, IV	V	Kusya Meenarshi	106022735101
	PH	Pallavi mam	I, II, III, IV	V, VI, VII	Kusya Meenarshi	106022735101
	PH	Shilpa mam	I, II, III, IV	V	Kusya Meenarshi	106022735101
	Chemistry Lab	Saijitha mam	1-7	8-14	Divya Meenarshi	106022735101
	PH Lab	Rajesh sir	1-14	15-22	Kusya Meenarshi	106022735101
	PH Lab	Radhika mam	week-6	week 7 - week 11	Kusya Meenarshi	106022735101
PH Lab	Pallavi mam	1-8, 11	9, 10	Kusya Meenarshi	106022735101	
11-A	PH	Mythee Mam	Unit - I, II, V, III, IV	IV	G. Manogna	160622735018
	Chemistry	Gangadhar sir	Unit - I, II, III, IV (unit)	V	G. Manogna	160622735018
	PH	T. Suvetha priya Mam	Unit - I, II, III, IV (unit)	V	G. Manogna	160622735018
	PH	Ravali mam	Unit - I, II, III, IV	IV	G. Manogna	160622735018
	PH	Srilatha mam	Unit - I, II, III, IV	V	G. Manogna	160622735018
	Chemistry Lab	Gangadhar sir	1-5	4-14	G. Manogna	160622735018
	PH Lab	Naganjanani sir	1-12	13-22	G. Manogna	160622735018
	PH Lab	Suema priya mam	Week 1-6	week 7-11	G. Manogna	160622735018
PH Lab	Ravali mam	1, 2, 3, 4, 5, 6, 9, 12	7, 8, 10, 11	G. Manogna	160622735018	

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
DEPARTMENT OF H&S
SYLLABUS COVERAGE AS ON 30-01-2023

Class	Subject	Teacher	Syllabus covered unit wise	syllabus pending unit wise	Name of the student	Roll No. of the student
AIDS	M-I	Amisha Ma'am	Unit I, II, V, VI (Planning)	Unit IV	Charvi Sree	160622747043
	English	Saichy Ma'am	Unit I, II, III, IV Unit V - Vocabulary, grammar	Unit - V Reading writing	Charvi Sree	160622747043
	PPS	Nabira Ma'am	Unit I, II, III + Abstract	IV (unions), V	Charvi Sree	160622747043
	Physics	Padmashree Ma'am	Unit I, II, III	Unit - IV, V	Charvi Sree	160622747043
	ERTK	Deepthi Ma'am	I, II, III, IV	IV	Charvi Sree	160622747043
	IC	Amarnath Sir	I, II, III, IV, V	-	Charvi Sree	160622747043
	Phy Lab	Shravani Ma'am	1, 2, 3, 4, 5, 6, 7	8, 9, 10	Charvi Sree	160622747043
	PPS Lab	Nasira Ma'am	Week 1, 2, 3, 4, 5, 6, 7	Week 8, 9, 10, 11	Charvi Sree	160622747043
	English Lab	Arthul Sir	I, II, III, IV	debate + Unit V	Charvi Sree	160622747043
	Workshop	Sabha Ma'am	A (Trade of exercises)	B, C	Charvi Sree	160622747043
	IT Workshop	Padmaja Ma'am	Experiment - 1, 2, 3, 4	Experiment - 5, 6, 7, 8, 9, 10	Charvi Sree	160622747043

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN

DEPARTMENT OF H&E

SYLLABUS COVERAGE AS ON 30-01-2023

Class	Subject	Teacher	Syllabus covered unit wise	syllabus pending unit wise	Name of the student	Roll No. of the student
CSE-C	M-I	Sirisha mam	1, 2, 3, 4, 5	III (maxima and minima) <small>(scope term)</small>	Harshika	160622733131
	English	Hanpriya Mam	I, II, III, IV	(V) Grammar, Writing	Harshika	160622733131
	PPS	Radhika Mam	I, II, III, IV	IV, V	Harshika	160622733131
	Physics	Shravani Mam	I, II, III, IV	IV, V	Harshika	160622733131
	EITK	Deepthi Mam	I, II, III, IV	V	Harshika	160622733131
	IC	Amaranath Sir	I, II, III, IV, V	nothing is left	Harshika	160622733131
	Phy Lab	Shravani Mam	1, 2, 3, 4, 5, 6, 7, 8	-	Harshika	160622733131
	PPS Lab	Radhika Mam	1, 2, 3, 4, 5, 6, 7, 8	9, 10	Harshika	160622733131
	English Lab	Hanpriya Mam	I, II, III, IV, V	-	Harshika	160622733131
	Workshop	Elakshmi Mam	1, 2, 3, 4, 5, 6, 7	-	Harshika	160622733131
	IT Workshop	Charshika mam	1, 2, 3, 4, 5, 6	7, 8, 9, 10	Harshika	160622733131
CME	M-I	Anusha mam	1, 2, 3, 4	nothing left, 5	Lalitha Varma	160622740021
	English	Gaiety mam	Unit I, II, III, IV, V	Reading II, III, IV	Lalitha Varma	160622740021
	PPS	Naisa mam	I, II, III, IV	Pointers, Unit V unit	Lalitha Varma	160622740021
	Physics	Padmasree mam	1, 2, 3, 4	4, 5	Lalitha Varma	160622740021
	EITK	Deepthi Mam, Abul pie	1, 2, 3, 4	5	Lalitha Varma	160622740021
	IC	Amaranath Sir	1, 2, 3, 4	5	Lalitha Varma	160622740021
	Phy Lab	Padmasree mam	1, 2, 3, 4, 5, 6, 7	8	Lalitha Varma	160622740021
	PPS Lab	Naisa mam	1, 2, 3, 4, 5, 6, 10	7, 8, 9, 11	Lalitha Varma	160622740021
	English Lab	Gaiety mam, Heena mam	I, II, III, IV, V	III	Lalitha Varma	160622740021
	Workshop	Saitha mam	1, 2, 3, 4, 6, 7	2 exp left	Lalitha Varma	160622740021
	IT Workshop	Nandita mam	1, 2, 3, 4	4, 5, 6, 7, 8, 9, 10	Lalitha Varma	160622740021

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN

DEPARTMENT OF H&S

SYLLABUS COVERAGE AS ON 30-01-2023

Class	Subject	Teacher	Syllabus covered unit wise	syllabus pending unit wise	Name of the student	Roll No. of the student
CSE-A	M-I	Smita Dr. Shristha	1, 2, 3	4-going on, 5	Anga Rithika	160622733005
	English	Heena Khan	1, 2, 3, 4	5, 6- lesson	Anga Rithika	160622733005
	PPS	Dr. Anisha	1, 2, 3, 4	5, 4-going on	Anga Rithika	160622733005
	Physics	J. P. Pramod	1, 2, 3	4-going on, 5	Anga Rithika	160622733005
	EITK	Deepthi	1, 2, 3, 4	5	Anga Rithika	160622733005
	IC	Mr. P. Amarnadh	1, 2, 3, 4	5	Anga Rithika	160622733005
	Phy Lab	J. P. Pramod	1, 2, 3, 4, 5, 6	7, 8	Anga Rithika	160622733005
	PPS Lab	Dr. Anisha	1, 2, 3, 4, 5, 6	7, 8, 9, 10, 11	Anga Rithika	160622733005
	English Lab	Heena Khan	I, II, III, IV, V	-	Anga Rithika	160622733005
	Workshop	K. Rajesh	A-1, 2, 3, 4, 5, 6, 7	B, C	Anga Rithika	160622733005
	IT Workshop	Anitha	1, 2, 3, 4, 6, 7, 8, 9	10	Anga Rithika	160622733005
CSE-B	M-I	Pr. Shristha	1, 2, 5, 2-going on	3-going on, 4-pending	Taruni Kaligotta	160622733120
	English	Hari Priya	1, 2, 3-going on	3, 4-going on, 5	Taruni Kaligotta	160622733120
	PPS	Dr. Anisha	1, 2, 3	4-going on, 5		
	Physics	Mr. J. P. Pramod	1, 2, 3, 4(i)	4(ii) going on, 5		
	EITK	Deepthi	1, 2, 3, 4	5		
	IC	Mr. P. Amarnadh	1, 2, 3, 4, 5	-		
	Phy Lab	Ms. Shrawani	I, II, III, IV, V, VI, VII	VIII		
	PPS Lab	Dr. Anisha	Week 1, 2, 3, 4, 5, 6	Week 7, 8, 9, 10, 11		
	English Lab	Mr. Atul Mohan	I, II, IV, V, VI	VIII, II		
	Workshop	Ms. Sabofatima	I, II, III, IV, V, VI	-		
	IT Workshop	Ms. Anitha	1 to 8/10	-		

AI&DS

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
 DEPARTMENT OF HUMANITIES & SCIENCES
 B.E. II SEMESTER ETC I (upto 20th July AY : 2022-2023)

S.
No.

Attendance

S. No.	Roll No.	Name of the Student	Engln (SEEN1EC)	Engg. Physics (SEEN1PB)	M - II (SEEN1MT)	Engg. Mechanics (SEEN1ME)	Engg. Lab (SEEN1EL)	Engg. Pn Lab (SEEN1EP)	Workshop (SEEN1WS)	Total	%
		TOTAL NO. OF CLASSES	19	32	37	42	18	27	32	207	
1	140622734001	BOHMOCHETTI AKHILA	17	28	31	39	18	24	30	187	90
2	140622734002	CHALLA RERBA	13	23	24	36	12	15	28	151	73
3	140622734003	DARLA NEHA	16	23	26	38	12	21	32	168	81
4	140622734004	GANTA MERCY JOY	16	26	26	31	16	27	30	172	83
5	140622734005	GUNTUPALLE LAXMI PREETHI	17	22	29	30	16	24	24	162	78
6	140622734006	MADAGAM SAI PARVATHI	15	24	26	36	18	21	30	162	78
7	140622734007	NAGA TEJASREE KONKUPURU	13	19	25	30	8	18	28	141	68
8	140622734008	NAMBRIKA PRANAVI	15	19	25	36	16	24	32	167	81
9	140622734009	NYALAKANTI PRAVATIKA	15	22	25	31	14	18	26	151	73
10	140622734010	S KAVYA	11	27	15	24	12	21	26	136	66
11	140622734011	HALLI SHWARI	17	28	30	39	16	24	26	180	87
12	140622734012	SHAIK AZHEENA IJBA	18	31	32	42	18	27	32	200	97
13	140622734013	ZOHA TRILAKSHMI	17	31	33	42	16	27	32	198	94
		Signature of the Faculty	Dr. A. Subha	Dr. A. Subha	Dr. C. Srinivas	Dr. V. Srinivas	Dr. A. Subha	Dr. A. Subha	Dr. A. Subha		

38	160621747028	MAMUNA ASHFAQ	28	30	18	18	6	18	30	15	12	181	64
39	160621747030	MALLAK KESHAVA DAYATRI	43	32	32	32	10	21	49	27	18	254	84
40	160621747040	MARIYA	43	34	30	35	14	21	48	27	16	267	95
41	160621747041	MARIYA JAWIED	32	30	14	20	4	18	48	12	12	190	67
42	160621747042	MITTAPALLY SHRUTHI	37	30	17	27	4	18	43	15	14	205	73
43	160621747043	MUKKUNDEEPTHI PRADHA	38	31	25	26	6	21	49	18	15	235	83
44	160621747044	MYANA VAISHNAVI	36	31	27	32	9	18	34	18	16	221	78
45	160621747045	NAMALA DEEKSHITHA	40	30	24	27	11	21	38	27	14	230	82
46	160621747046	NEEMALI AVANTHIKA	35	33	20	26	5	21	45	24	16	227	80
47	160621747047	PAVANI PRIYA DHANNAMONI	35	34	22	28	13	21	37	27	18	234	83
48	160621747048	PEDAPUDI LAKSHMI PRANITHA	42	32	30	32	15	21	43	24	14	253	90
49	160621747049	RATHINAVATH VAISHNAVI	47	30	16	28	8	18	34	18	14	212	75
50	1.60622E+11	ANJANA REDDY	42	33	28	27	9	18	43	15	16	231	82
51	1.60622E+11	REPALLE DEEPIKA PERDIS	32	28	16	30	4	18	37	15	14	194	68
52	1.60622E+11	RUGANYA BANU	34	32	25	28	4	18	42	15	18	218	77
53	1.60622E+11	SAI SANJANA SAMMITA	30	31	19	21	8	21	43	15	14	210	74
54	1.60622E+11	SHIFA MAHM	0	0	0	0	5	0	3	0	0	8	3
55	1.60622E+11	SOUDA SPURTHI	29	28	12	29	5	15	15	9	14	166	55
56	1.60622E+11	SPOORTHY VENKATAPURAM	30	29	14	27	5	18	15	12	14	164	58
57	1.60622E+11	SYEDA MARYAM WAHEED	33	30	18	16	7	15	27	9	12	167	59
58	1.60622E+11	TANGIRLA SAI DEEPTHI	36	32	20	25	10	18	27	12	14	194	68
59	1.60622E+11	TEHNETI LEKHYA SRI DURGA	42	35	31	32	13	21	46	27	18	263	93
60	1.60622E+11	THURMA VAISHNAVI	36	32	26	28	9	18	40	15	12	216	77
61	1.60622E+11	V. ADYI	37	34	19	20	6	18	27	15	14	196	70
62	1.60622E+11	VACHASPATHI GNYANA VARSHINI	43	38	31	34	15	21	37	24	14	288	91
63	1.60622E+11	VELADAPUDI NEEMA	42	39	32	32	15	21	48	27	18	275	96
64	1.60622E+11	VERULA ANURHYA	37	31	21	30	9	21	42	24	10	231	82
65	1.60622E+11	VENNAM RITHIKA	34	32	18	17	12	21	37	18	14	204	72
Name and Signature of faculty			Dr X.L. Vasu	Gangadhar	JAYYA BRACK	Nadla Anjum	BBL		KR	JAYYA BRACK	Nadla Anjum		

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF HUMANITIES & SCIENCES

B E E SEMESTER - AI&DS (upto 20th June AY - 2021-22)

AI & DS

S No	Roll No.	Name of the Student	M E (SE8201MT)	Chemistry (SE8304CH)	BEEC (SE8301EC)	DS wrh C (SE8202AD)	ES (SMC803C E)	Chemistry Lab (SE83013CH)	EG&D (SE8315ME)	BEEC Lab (SE8311EC)	DS Lab (SE8312AD)	Total	%
		NO. OF CLASSES	48	40	32	35	38	21	62	24	18	282	100
1	180821747001	A GURU YASHWANTH	38	31	16	24	10	21	37	21	16	214	76
2	180821747002	ANNA MURUGAN	37	30	22	30	7	18	39	18	16	217	77
3	180821747003	AGARWAL SUDHA	37	31	23	29	6	15	40	19	16	211	75
4	180821747004	ARHUN NARANJAN SURESH	38	30	13	30	3	15	27	8	12	177	63
5	180821747005	ANJITHA SRI NAGA YASHASWINI	41	32	29	32	9	15	36	12	16	212	76
6	180821747006	ANAPPA SNEHA	33	30	22	29	5	18	47	15	16	215	76
7	180821747007	ANANDAN NAGALAKSHI	41	31	25	30	8	21	34	21	16	227	80
8	180821747008	ANAYATHI SINDHU	43	31	27	35	13	21	48	21	16	247	88
9	180821747009	ANJUNHARA T	39	32	29	29	10	18	27	12	14	203	72
10	180821747010	ARJUNAN ANJUNHARA	37	31	19	28	10	18	24	15	12	194	69
11	180821747011	ARUN SRI RAJ	37	37	18	33	8	18	37	12	16	217	77
12	180821747012	ARUN SRI RAJ	42	32	28	32	10	18	45	4	16	223	79
13	180821747013	ARUN SRI RAJ	34	31	28	26	9	21	27	18	16	212	76
14	180821747014	CHANDRAN S S SATHISHA	42	32	29	35	15	21	52	24	14	265	94
15	180821747015	CHANDRAN S S SATHISHA	35	30	15	28	9	18	25	15	12	187	68
16	180821747016	CHANDRAN S S SATHISHA	35	31	22	26	8	21	40	18	16	220	78
17	180821747017	CHANDRAN S S SATHISHA	39	33	24	32	8	18	36	15	12	218	77
18	180821747018	CHANDRAN S S SATHISHA	31	28	10	26	7	15	21	8	16	160	57
19	180821747019	CHANDRAN S S SATHISHA	41	31	21	33	11	21	30	18	16	228	81
20	180821747020	CHANDRAN S S SATHISHA	41	38	31	34	14	21	49	24	18	288	95
21	180821747021	CHANDRAN S S SATHISHA	38	38	31	31	11	21	47	21	16	284	90
22	180821747022	CHANDRAN S S SATHISHA	32	30	13	34	5	12	31	6	16	182	66
23	180821747023	CHANDRAN S S SATHISHA	35	31	21	22	7	18	40	12	14	200	71
24	180821747024	CHANDRAN S S SATHISHA	36	32	23	29	5	15	42	9	14	205	73
25	180821747025	CHANDRAN S S SATHISHA	38	33	22	28	8	18	43	9	14	208	74
26	180821747026	CHANDRAN S S SATHISHA	34	30	19	25	8	18	24	15	14	193	69
27	180821747027	CHANDRAN S S SATHISHA	32	31	19	26	4	18	30	18	16	183	66
28	180821747028	CHANDRAN S S SATHISHA	40	39	31	31	8	21	40	21	14	244	87
29	180821747029	CHANDRAN S S SATHISHA	41	32	23	28	10	18	38	12	14	214	76
30	180821747030	CHANDRAN S S SATHISHA	34	32	25	28	13	21	43	21	14	231	82
31	180821747031	CHANDRAN S S SATHISHA	34	34	29	29	14	21	43	21	16	236	84
32	180821747032	CHANDRAN S S SATHISHA	37	38	24	33	11	21	43	18	14	237	84
33	180821747033	CHANDRAN S S SATHISHA	37	32	20	28	6	21	24	21	14	201	71
34	180821747034	CHANDRAN S S SATHISHA	37	33	23	31	9	18	40	18	16	227	80
35	180821747035	CHANDRAN S S SATHISHA	37	31	18	29	4	21	36	18	12	197	70
36	180821747036	CHANDRAN S S SATHISHA	41	31	24	32	8	21	40	18	16	228	80
37	180821747037	CHANDRAN S S SATHISHA	40	32	22	30	10	18	33	18	12	201	71

SEM II

MATHEMATICS-I PO-JUSTIFICATION

COURSE CODE	COURSE OUTCOME	PO(1-12)	PSO(1-3)
BS101MT.1	Identify the nature of Sequences and Series	1,2,3,4,5,11	1,2
BS101MT.2	Analyze the consequences of the mean value theorems for differentiable functions and Evaluate the Curvature.	1,2,3,4,5,12	1,2
BS101MT.3	To explore the idea for finding the extreme values of multivariable functions.	1,2,3,4,5,12	1,2
BS101MT.4	Evaluate the Multiple Integrals	1,2,3,4,5,12	1,2
BS101MT.5	Convert the line integral to area and volume to surface.	1,2,3,4,5,12	1,2

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
BS101MT.1	3	3	2	2										
BS101MT.2	3	3	2	2								2	3	1
BS101MT.3	3	3	2	2								2	3	1
BS101MT.4	3	3	2	2								2	3	1
BS101MT.5	3	3	2	2								2	3	1

MAPPED PO'S :

PO NO	PO	DESCRIPTION
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics and natural sciences and engineering sciences.
PO3	Design/development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems	Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
PO5	Modern Tool Usage	Create, select and apply appropriate techniques, resources, and modern engineering tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.
PO12	Lifelong Learning	Recognize the need for, and have the ability to engage in independent and life-long learning.
PSO1	Problem-solving skills:	The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for the benefit of students.
PSO2	Design, implement, test	Design, implement, test, and evaluate a computer system, component, or algorithm to meet desired needs and to solve a computational problem.

SYLLABUS COVERED

Name of the Faculty: Mr. J.P. Pramod ; Applied Physics
 Branch: CSE-A Course: B.E
 Semester: I
 Year: I
 Brief notes of the Topic (s) covered
 Initials of Faculty

Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
		<u>Orientation Day 31/10/2022 : Induction Program 1 to 5th Nov'22</u>	<u>#</u>
I unit	9 Nov'22	Laser's, Char, Application, Concept of transitions	9/11
1	11 Nov'22	Absorption, Spont, Stimul, Emission	11/11
1+1	15 Nov'22	Einstein's theory of matter & Interactions	15/11
1	16 Nov'22	Concept of PI, Pumping, Laser Action	16/11
1	17 Nov'22	He Ruby laser	17/11
1	18 Nov'22	He-Ne laser & Semiconductor laser.	18/11
1	22 Nov'22	Optical fiber, TIR, n_a , n_b	22/11
1	23 Nov'22	Proof of $NA = \sqrt{n_a^2 - n_b^2}$ & Applications	23/11
1	24 Nov'22	Step Index & Graded Index Optical fiber	24/11
1	25 Nov'22	Double Crucible method	25/11
1+1	29 Nov'22	Practical Based O.F: Sums & viva questions.	29/11
II unit	30 Nov'22	Dielectric Materials, PDM; Non PDM etc	30/11
1	01 Dec'22	Fundamentals, Types of dielectric Polarization	1/12
1	02 Dec'22	Proof of Electronic Polarization/Polarizability.	2/12
1	06 Dec'22	Ionic Polarizability, α_e & P_e Equations	6/12
1	07 Dec'22	D vs P graph & Explanation	7/12
1+1	08 Dec'22	Dielectric Constant - Capacitance Bridge method	8/12
1	13 Dec'22	Ferroelectricity Hysteresis, BaTiO ₃	13/12
1	14 Dec'22	Revision of dielectric materials & Problems	14/12
1	15 Dec'22	Magnetic materials Char & Applications	15/12
1	16 Dec'22	Classification of Magnetic materials	16/12
1	20 Dec'22	Dia & Para & Ferro mag. mat.	20/12
1	21 Dec'22	Anti-ferro & Ferri materials	21/12
1	22 Dec'22	B-H Curve: Soft & Hard magnetics	22/12
1	23 Dec'22	T-d Curve & Application	23/12
III unit	27 Dec'22	Ferrites, char, applications	27/12
1	28 Dec'22	Superconductors & Applications	28/12
1	29 Dec'22	All General Properties	29/12
1+1	30 Dec'22	Type I & Type-II S.C's, High T _c S.C. BCS Theory, Joseph	30/12
1	3/1/23	Introduction to Quantum Mechanics	3/1/23
1	10/1/23	Wavefunction, Properties, Normalized Condition	10/1/23
1	11/1/23	de Broglie Wavelengths Eq's	11/1/23
1	17/1/23	Schrodinger's Wave Eq - Independent	17/1/23

SYLLABUS COVERED

Name of the Faculty: Mr. J.P. Pramod Applied Physics

Year: I Semester: I Branch: CSE-A Course: B.E

Period(s) Date Brief notes of the Topic (s) covered Initials of Faculty

	1	30/1/23	Schrodinger's wave time dependent Eq.	
	1	31/1/23	Particle in 1-D.P.B	
<u>Unit</u>	1+1	1/2/23	Band theory of Solids	
	1	2/2/23	Classification of materials	
	1	3/2/23	Electron theory of Solids, L-D, S & Bloch theorem	
	1+1	4/2/23	Kronig-Penny model	
	1	7/2/23	Formation of Energy bands in Solids	
	1	9/2/23	P-SC Impure S.C, char's & Applications	
	1	14/2/23	p-n Jn Diode, Photo cell i-v characteristics	
	1	15/2/23	Thermister	
<u>Unit</u>	1+1	16/2/23	Hall Effect & Applications Problems Solved	
		17/2/23	Nanomaterial Properties & Applications	
		21/2/23	Types of Nano materials, special char's & A.C etc	
	1+1	22/2/23	Top to down method & down to top Method, CNT's	
		23/2/23	Thinfilms, Special char, applications	
	1+1	24/2/23	Fabrication of different methods	
		28/2/23	Pre Mid-II Conducted.	

~~30/1/23~~
~~31/1/23~~
~~1/2/23~~
~~2/2/23~~
~~3/2/23~~
~~4/2/23~~
~~7/2/23~~
~~9/2/23~~
~~14/2/23~~
~~15/2/23~~
~~16/2/23~~
~~17/2/23~~
~~21/2/23~~
~~22/2/23~~
~~23/2/23~~
~~24/2/23~~
~~28/2/23~~
~~7/3/23~~

classwork for slow learner's : 1, 2, 3, 4, 7 & 9th Feb 2023 Conducted
 Mid-I : 5, 6 & 7th Jan '23
 Mid-II : 2, 3 & 4th March '23

The following Students of AY:2022-23, I Sem of CSE-A have Successfully Completed Projects/working models/PPT's as a CA under "Project Based Learning system".

Hall ticket Number	Name of the working model / PPT
22, 26, 37, 46, 47	" Turben generator " Laser Security System
24, 51, 58, 59, 62	" Heart Beat Sensor " Turben generator
10, 14, 17, 29, 40, 48	" Meta HB. Sema "
15, 27, 19	" Metal detector Robot "
6, 7, 31, 34, 31, 23, 15	" Home Automation using Blue tools tech "
4, 11, 18, 28	" Remote Controller Helicopter "
21, 8, 16, 32, 60	" obstacle Avoiding Robot "
25, 30, 38, 49, 55	" Drone "
9, 3, 41, 42, 43, 63	" Rapid Frequency Identification Dood "
5, 50, 51, 45	" Bird Eye "
1, 33, 44	" Laser Security Alalam "
51, 49, 50, 52	" Clap Sema "

R.No. 39, 20, 56, 12, 35, 53 - optical fibre PPT
 R.No: 2, 36 - Password based Circuit Break

20/3/23

AY: 2022-23

SYLLABUS COVERED

Sem-II

Name of the Faculty: Mr. J.P. Pramod

Year: I

Semester: II

Branch: IT-A

Course: B.E

Period(s) Date Brief notes of the Topic (s) covered Initials of Faculty

1 1/2	9/8/23	K-P Model & its applications	
1 1/2	10/8/23	Nano materials, 0D, 1D, 2D & 3D, SV, AC, Properties & App	
1+1	16/8/23	Bottom to top & top to Bottom Approaches	
1 1/2	18/8/23	CNT's, prop & Applications; diff: types	
1+1	22/8/23	Bulk, Thin & Nano materials Properties, applications	
1 1/2	23/8/23	Synthesis of Thin films by EBV & Thermal method	
1+1	26/8/23	Revision of Nanomaterials & Thin films	
100mt	30/8/23	Revision of Band theory of Solids & S.C.	
100mt	31/8/23	Revision of Q.M & Superconductors.	

- # Mid-I : 14th July 2023 - All Present
- # Lab Internal: 2nd & 3rd Aug 2023 - All Present
- # Mid-II : 7th Sep 2023
- # Lab External Exam: 14th Sep 23 - *Examiner* Dr. Haritha L. *Telangana University*
- # Mid-III: 22nd Sep 2023.

The following students successfully completed working models under "PBLs" - 2023 of IT-A:

1. Laser Home Security Systems - 2, 15, 35, 51.
2. Application of Solar energy - cycle - 1, 38, 58, 59
3. Servo Distance Indicator - 9, 31, 33
4. Sensor Laser - Security - 3, 4, 21, 24
5. Heart rate Measurement - 11, 12, 14, 28
6. Laser Security Alarm - 5, 8, 19, 48, 63
7. S.Car using ESP 32 camera - 6, 26, 36, 39, 43, 47
8. Powered Night guard light - 7, 17, 61, 65
9. Laser Light Alarm Security - 10, 16, 22, 23
10. ECG Monitoring - 18, 30, 44, 45, 46, 56, 62
11. Smart Bridge - Att floodings - 32, 37, 60
12. Laser Light Shows - 13, 20, 27, 29
13. obstacle avoiding Robot - 50, 51, 52, 53
14. Electromagnetic Induction - 34, 54, 49, 55
15. Rain detector using sensor - 25, 40, 41, 42

All most all working models working properly. Additional time spend - 4-2 hours.

"Research work on Ferroelectric materials started" #

Synthesis part Completed at IIT-H, C-101 Lab

Mr. J.P. Pramod

Dr. V. Anuradha HOD

SYLLABUS COVERED

Ay: 2022-23

Name of the Faculty: Mr. J.P. Pramod

Sem-II

Year: I

Semester: II

Branch: IT-A

Course: B.E

Period(s)

Date

Brief notes of the Topic (s) covered

Initials of Faculty

Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
Unit-I 1	25/4/23	Introduction: OP & PBLs format	
1	26/4/23	Introduction on Optics, light energy & LASER	25/4
1	4/5/23	Def: char & Applications of LASER	24/4/23
1+1	6/5/23	Production process of LASER, Ruby Laser.	4/5/23
1	7/5/23	He-Ne Laser & Semiconductor Laser	6/5/23
1	8/5/23	Einstein's Co-efficients	7/5/23
1	9/5/23	Introduction to Optical fibre.	8/5/23
1+1	13/5/23	LA, NA, Applications & Proof of $NA = \sqrt{n_1^2 - n_2^2}$	9/5/23
1	14/5/23	Different types of Optical fibres	13/5/23
Unit-II 1	15/6/23	Double Crucible method & Problem Solved	14/5/23
1	16/6/23	Dielectric materials - Introduction	16/6/23
1+1	20/6/23	Fundamentals, $\mu, \epsilon, \alpha, \chi, P$, etc	20/6/23
1	21/6/23	Various Applications	21/6/23
1	22/6/23	Concept of dielectric Polarization; E, A, P, $\epsilon_0, \epsilon_r, \epsilon$	22/6/23
1	23/6/23	Electronic Polarizability, proof $\alpha_e = 4\pi\epsilon_0 R^3$	23/6/23
1+1	27/6/23	Langmuir-Debye Eq: & σ vs P curve	27/6/23
1	28/6/23	Ferro electric material	28/6/23
1+1	4/7/23	Introduction to magnetic materials classification	4/7/23
1	5/7/23	Hysteresis loop; Soft & Hard magnets	5/7/23
1	6/7/23	Soft & Hard & Ferrites	6/7/23
Unit-III 1	7/7/23	Weiss theory of ferromagnetism & Applications	7/7/23
1+1	11/7/23	Superconductors, characteristics & properties	11/7/23
1+1	18/7/23	Type I & Type II S.C. & Applications	18/7/23
1	19/7/23	BCS theory: J.C; Mag. Levitation etc	19/7/23
1	20/7/23	Application & Problems	20/7/23
1+1	25/7/23	Introduction to Quantum Mechanics, fundamentals	25/7/23
Unit-IV 90mt	26/7/23	Semiconductors, PSC, Impure SC, Diode & Appli	26/7/23
90mt	27/7/23	CCC of Intrinsic Semiconductor.	27/7/23
90mt	28/7/23	Photocell, Solarcell & Thermister.	28/7/23
Unit-5 1+1	01/08/23	Quantum Mech: $\lambda = h/p, = h/\sqrt{2mE}$ Properties & Appli	1/8/23
1	02/08/23	Schrodinger's Independent Wave Eq	2/8/23
1	03/08/23	Schrodinger's Dependent Wave Eq & Application	3/8/23
100mt	04/08/23	Nature of Potential in 1-D PB & Problems	4/8/23
1 1/2	08/08/23	Band theory of Solids, classification on E_g	8/8/23

2.3.3 proofs

Monthly class attendance as well as address grievances.

Stanley College of Engineering, & Technology for Women
DEPARTMENT OF CSE
B.E. -IV Sem SEC-B ATTENDANCE SHEET TILL 23-4-23

S.No	Roll No	NAME	ALC	AI	OS	ET	DBMS	ETCE	WT	OS LAB	DBMS LAB	WT LAB	Total	Percentage
		TOTAL CLASSES	55	56	47	27	48	28	28	38	51	36	415	100
1	160621733066	ADAGADAPA CHAITANYA SIRI	52	53	44	23	48	24	27	39	45	36	391	94
2	160621733067	AILA PALLAVI	49	46	39	24	46	25	22	39	39	36	365	88
3	160621733068	AKSHITHA KULKARNI	51	50	40	21	45	23	25	36	45	30	366	89
4	160621733069	ALAKUNTA HEMALATHA	45	45	35	22	46	22	22	36	42	30	345	83
5	160621733071	AZMEERA NAVYASRI	48	47	42	23	46	24	25	36	42	33	366	88
7	160621733072	BAKTHULA KALYANI SAI	46	50	43	22	45	23	27	33	45	36	372	90
8	160621733073	BANDARI ANOUSHKA	51	51	46	24	47	24	27	39	48	36	393	95
9	160621733074	BANOTH SWATHI	42	40	29	19	32	13	21	36	45	18	295	71
10	160621733075	BARIGELA SREEJA	53	54	44	25	47	26	26	39	45	36	395	95
11	160621733076	BEGARI MYTHILY	43	39	29	18	42	19	19	33	48	27	317	78
12	160621733077	BEGARY DEEPTHI	47	48	40	20	44	20	23	36	45	30	353	85
13	160621733078	BILAVATH SRILATHA	15	15	15	4	29	0	15	34	45	34	206	50
14	160621733079	CHILAKALA N V D L JAYASREE	53	54	44	24	47	23	27	36	48	33	389	94
15	160621733080	CHINTHALAPATI MAHATHI	44	47	37	23	46	24	21	39	45	36	362	87
16	160621733081	CHUPPALA MOHANAPRIYA	44	44	37	18	43	19	20	36	42	30	333	80
17	160621733082	D DEEPSHEI	51	49	42	22	44	24	25	36	48	33	374	90
18	160621733083	DARIPALLI HARI PRIYANKA	35	38	29	12	41	14	19	21	42	24	275	66
19	160621733084	DINDIGALA NITHYA	46	51	41	21	46	23	24	30	42	30	354	85
20	160621733085	EMIREDDY KAVYA	50	51	42	21	47	22	27	36	45	27	368	89
21	160621733086	FAREEHA MAHMOOD	41	37	32	19	45	21	25	33	45	27	325	78
22	160621733087	GAJJALA KAVYA	43	52	42	16	46	21	26	33	45	33	357	86
23	160621733088	GUDIPALA HIMABINDU	38	48	34	15	37	14	22	30	45	30	313	75
24	160621733089	HAFAH	44	43	37	19	41	20	20	33	45	36	338	81
25	160621733090	JAHNAVI MANNAVA	37	39	31	17	43	19	21	33	45	30	315	76
26	160621733091	K MEGHANA	36	38	34	20	41	20	21	30	36	30	306	74
27	160621733092	KADABOINA MADHURI	41	42	36	20	43	20	23	33	39	30	327	79
28	160621733093	KAGITA CHAITYA BHAVANI	45	47	33	14	44	16	20	33	45	21	318	77
29	160621733094	KANDHI BHASHITA	52	49	40	24	45	25	23	33	45	27	363	87

30	160621733095	KAVURI SOWMIKA	41	44	32	19	38	19	21	33	42	27	316	76
31	160621733096	M ANUSUYA	42	43	34	19	39	18	19	27	39	33	313	75
32	160621733097	MADIPALLI GEETHA	46	44	35	19	44	20	22	27	45	33	335	81
33	160621733098	MALIHA SUFI	54	52	47	25	48	25	28	39	48	36	402	97
34	160621733099	MALISSETTY LAKUMA	52	53	44	23	48	26	24	30	45	36	381	92
35	160621733100	MANDULA SHIVANI	44	45	32	20	40	17	24	33	48	24	327	79
36	160621733101	MANIKYALA INDU NAIDU	54	56	47	25	48	26	27	39	51	36	409	99
37	160621733102	MARDHI NEHA REDDY	40	43	36	22	44	17	24	36	40	33	335	81
38	160621733103	MAROJU AKHILA PRASUNA	53	46	44	26	48	24	25	36	40	36	378	91
39	160621733104	MOTHEY NIHARIKA	43	45	33	19	40	22	22	36	30	33	323	78
40	160621733105	MUNEEBA HAFEZ	42	42	39	18	43	23	23	30	42	33	335	81
41	160621733106	N SOUMYA	50	47	39	19	44	20	25	39	48	27	358	86
42	160621733107	NAMA SIRI CHANDHANA	43	47	35	20	45	21	24	30	42	36	343	83
43	160621733108	NIDA MINHAI	35	38	30	15	43	18	19	27	39	33	297	72
44	160621733109	NIMMAKANTI MANASWINI	41	44	39	17	40	19	21	33	45	30	329	79
45	160621733110	NOORA FATIMA ABDUL HALEEM	44	43	34	19	47	20	25	39	42	33	346	83
46	160621733111	P RAAGA PRIYA	38	45	33	16	44	20	22	30	45	33	326	79
47	160621733112	PEMMA SRIVALLI	46	45	31	20	42	20	22	36	42	30	334	80
48	160621733113	POORVI KALASAPUR	48	48	38	19	45	21	23	36	45	27	350	84
49	160621733114	RAJENDRAN KEERTHANA	44	45	36	17	43	18	22	39	48	30	342	82
50	160621733115	RAYIKANTI SATHVIKA	42	46	29	16	44	20	20	30	45	30	322	78
51	160621733116	ROMANA TASKEEN	45	45	38	20	39	20	23	33	33	21	317	76
52	160621733117	S.SHIVAANI SHRI	42	43	38	21	44	21	21	33	45	33	341	82
53	160621733118	SALWA BINTE ISHAQ	42	44	34	16	47	18	25	39	48	33	346	83
54	160621733119	SANJANA GAVADA	51	51	45	23	47	24	28	39	45	36	389	94

55	160621733120	BIRADAR SHRUTHI	49	50	38	20	43	21	25	33	45	27	351	85
56	160621733121	SINGAMSHETTY AKSHITHA	40	42	34	15	40	23	21	33	39	33	320	77
57	160621733122	SUBHASHREE GIRI	45	45	35	20	42	17	25	36	45	27	337	81
58	160621733123	SWARNA JYOTSHNA	49	53	41	25	47	25	26	36	48	36	386	93
59	160621733124	SYEDA SADIA AHMED	53	54	47	24	48	25	27	39	45	36	398	96
60	160621733125	T TRISHA	39	43	34	17	44	19	20	30	45	30	321	77
61	160621733126	T V ANUHYA	42	43	32	17	43	19	20	30	39	27	312	75
62	160621733127	TANGELLAPALLY VAISHNAVI	51	52	43	26	46	25	23	36	45	36	383	92
63	160621733128	THOTA SRIYA	38	40	31	17	41	18	19	30	42	27	303	73
64	160621733129	VAKA CHARITHA	36	36	30	16	38	17	17	27	42	33	292	70
65	160621733130	VEMULAPALLY LASYA	24	45	25	7	39	9	16	39	48	25	277	67
66	160621733308	BHUCHAMOLLA JEEVANI	41	44	39	19	40	21	22	33	42	36	337	81
67	160621733309	MEKALA AISHWARYA	39	23	22	12	27	11	25	36	48	33	276	67
68	160621733310	ARELLA HARIKA	48	49	40	22	44	25	25	30	48	33	364	88
69	160621733311	KURAPATI VINITHA	48	53	44	19	43	22	23	36	48	33	369	89
70	160621733312	SULTHAN SOWJANYA	37	37	33	15	40	18	20	39	45	30	314	76
71	160621733313	NAGAPURI PRAVALIKA	43	45	39	17	40	21	24	30	48	27	334	80

CLASSIFICATION

HOD
Y. V. S. Jeevi

NRC MRK Dr.MSW Shayeera ASM Virgilia MTR Dr.MSW ASM MTR

Monthly Course coverage

Stanley College of Engineering. & Technology for Women
DEPARTMENT OF CSE, SEM-IV, SECTION-B
SYLLABUS COVERAGE SHEET TILL 23-6-2023

S.NO	FACULTY	SUBJECTS	SYLLABUS COVERED	NO. OF CLASSES	SIGN
1	Dr.M.Swapna	OS	5 units completed	47	<i>[Signature]</i>
2	N.Raga Chandrika	ALC	5 units completed	55	<i>[Signature]</i>
3	M.Ravi Kumar	AI	5 units completed	56	<i>[Signature]</i>
4	M.Thejaswee	WT	All Experiments Explanation Done	28	<i>[Signature]</i> 24/6
5	A.Sethu Madhavi	DBMS	5 units completed	48	<i>[Signature]</i> 26/6/23
6	Shayeeera Naaz	ET	5 units completed	27	<i>[Signature]</i> 26/6/23
7	Virgilia Richard	ETCE	5 units completed	29	<i>[Signature]</i> 24/6/23
8	Dr.M.Swapna	OS LAB	All Experiments completed	39	<i>[Signature]</i>
9	A.Sethu Madhavi	DBMS LAB	All Experiments completed	51	<i>[Signature]</i> 26/6/23
10	M.Thejaswee	WT LAB	All Experiments completed	36	<i>[Signature]</i> 24/6

[Signature]
CLASS INCHARGE
[Signature]
HOD

CIS (Sample filled copy)

COURSE DATA SHEET			
COURSE NAME: Web & Internet Technology		COURSE CODE: PE521CS	REGULATION: 2019-21
PROGRAM / YEAR / SEMESTER: BE/V SEMESTER		CREDITS: 70+30	
COURSE TYPE: CORE			
COURSE AREA/DOMAIN: Web Designing and Development		CONTACT HOURS: 3+1 (Tutorial) hours/Week.	
CORRESPONDING LAB COURSE NAME, CODE (IF ANY): ---			
PRE-REQUISITE COURSE/SEM/ CODE (IF ANY): --- Java			
SYLLABUS:			
UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	A Brief Introduction to Internet, The World Wide Web, Web Browsers, Web Servers, Uniform Resource Locators, MIME, HTTP	10	1
II	HTML5: Evolution of HTML and XHTML, Basic Syntax, Document Structure, Links, Images, Multimedia, Lists, Tables, Creating Forms. Cascading Style sheets. JavaScript: Overview, Object Orientation and JavaScript, Syntactic Characteristics, Primitives, Operators, Expressions, Input and Output, Control Statements, Objects Creation and modification, Arrays, Functions, Constructors, Pattern Matching, Manipulating DOM, HTML DOM Events, Basics of AJAX with example.	10	1
	XML: Introduction to XML, Syntax, XML document structure, Document Type Definition, Name spaces, XML Schemas, Display in raw XML documents, Displaying XML documents with CSS, XPath Basics, XSLT, XML Processors.	11	1
	J2EE: Exploring Enterprise architecture styles, Features of EE platform, Web servers and application servers.		
	Database programming with JDBC: JDBC Drivers, Exploring JDBC Processes with the java.sql Package.		
IV	Servlets Technology: Exploring the Features of Java Servlet, Exploring the Servlet API, Explaining the Servlet Life Cycle, Creating a Sample Servlet, Working with ServletConfig and ServletContext Objects, Implementing Servlet Collaboration, Exploring the Session Tracking Mechanisms.	11	1
V	JSP Technology: Advantages of JSP over Java Servlet, Architecture of a JSP Page, Life Cycle of a JSP Page, Working with JSP Basic Tags and Implicit Objects, Working with Action Tags in JSP, Exploring EL, Exploring the Elements of Tag Extensions, Tag Extension API, Working with Simple Tag Handlers Accessing Database from Servlet and JSP.	11	1
		TOTAL	53 + 05 = 58
TEXT/REFERENCE/ADDITIONAL BOOKS:			
T/R	BOOK TITLE/AUTHORS/PUBLISHER		
T1	Robert W. Sebesta: Programming the World Wide Web, 4th Edition, Pearson Education, 2009		
T2	Java Server Programming Java EE7 (J2EE 1.7): Black Book, (2014), Dreamtech Press		
T3	Porter Scooby, Pawan Lingras: Web Programming and Internet Technologies an E-Commerce Approach, 2nd Edition, Jones & Bartlett Learning		
T4	Bryan Basham, Kathy Sierra, Bert Bates: Head first Servlets & JSP, 2nd edition, OREILLY, 2008.		
WEB SOURCE REFERENCES: (Detailed Topic link)			
W1	http://docs.oracle.com/javase/tutorial/jdbc/overview/architecture.html		
W2	http://www.w3schools.com/aspnet/		
W3	http://www.javatpoint.com/servlet-tutorial		
COURSE OUTCOMES:			
SNO	DESCRIPTION	PO(1-12) MAPPING	PSO(1-2) MAPPING
PE521CS.1	Understand the concepts of HTML and CSS.	1,2,3,5,8,9,12	1,2
PE521CS.2	Acquire the knowledge to build AJAX based applications using Javascript.	1,2,3,5,12	1,2
PE521CS.3	Understand and apply the concepts of XML	1,2,3,5,12	1,2

PES21CS.4	Understand and apply the concepts of servlet framework	1,2,3,5,12	1,2
PES21CS.5	Implement JSP to build interactive web applications, Acquire the knowledge of database connectivity in web applications	1,2,3,5,12	1,2

(Course outcomes Minimum 4 Maximum 6)
COURSE OUTCOMES VS POs MAPPING
 (DETAILED: HIGH: 3; MEDIUM: 2; LOW: 1)

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PES21CS.1	2	2	3					1	1			2	3	3
PES21CS.2	2	3	3		1							2	3	3
PES21CS.3	2	3	3		1							2	3	3
PES21CS.4	2	3	3		3							2	3	3
PES21CS.5	2	3	3		3							2	3	3

* For Entire Course, PO & PSO Mapping

Note: Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

If there is no correlation, put "-"

POs & PSO REFERENCE:

PO1	Engineering Knowledge	PO6	Engineer & Society	PO11	Project Mgt. & Finance
PO2	Problem Analysis	PO7	Environment & Sustainability	PO12	Life Long Learning
PO3	Design & Development	PO8	Ethics	PSO1	Problem Solving
PO4	Investigations	PO9	Individual & Team Work	PSO2	Design Implement Test
PO5	Modern Tools	PO10	Communication Skills	PSO3

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1	Implementation of new tools	Word press, sublime text, XAMPP	https://wordpress.org/ https://www.sublimetext.com/3 https://www.apachefriends.org/download.html	PE521CS.1 PE521CS.4	PO5

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO / PSO
	Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners: Video lectures		

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/>	REAL WORLD EXAMPLES	<input type="checkbox"/>	COLLABORATIVE LEARNING	<input checked="" type="checkbox"/>	QUALITY LAB EXPERIMENTS	<input checked="" type="checkbox"/>	OBSERVATIONS RECORDED
<input type="checkbox"/>	INDUSTRY INTERNSHIP	<input type="checkbox"/>	SUMMER TRAINING	<input checked="" type="checkbox"/>	EXPERT GUEST LECTURES	<input type="checkbox"/>	PROJECTS
<input type="checkbox"/>	USE OF ICT	<input type="checkbox"/>	ANY OTHER (SPECIFY)				

ASSESSMENT METHODOLOGIES-DIRECT

<input checked="" type="checkbox"/>	EXAM QUESTIONS	<input checked="" type="checkbox"/>	TUTORIAL QUESTIONS	<input checked="" type="checkbox"/>	ASSIGNMENTS	<input checked="" type="checkbox"/>	LABORATORY TESTS
<input type="checkbox"/>	PROJECT EVALUATION	<input type="checkbox"/>	STUDENT ARTIFACTS	<input checked="" type="checkbox"/>	ORAL EXAMS	<input type="checkbox"/>	PROJECT PRESENTATIONS
<input type="checkbox"/>	INTERNALLY DEVELOPED EXAMS	<input type="checkbox"/>	ANY OTHER (SPECIFY)				

ASSESSMENT METHODOLOGIES-INDIRECT


<input checked="" type="checkbox"/>	STUDENT EXIT SURVEY	<input type="checkbox"/>	CO-CURRICULAR ACTIVITIES	<input type="checkbox"/>	EXTRA CURRICULAR ACTIVITIES
-------------------------------------	---------------------	--------------------------	--------------------------	--------------------------	-----------------------------

M.SWAPNA, Shivani, G. Saraswathi
 Assistant Professor
 CSE DEPARTMENT

B.V.K.

Attendance register (Sample copy of filled-in topic covered page)

**STANLEY COLLEGE OF ENGINEERING
& TECHNOLOGY FOR WOMEN (AUTONOMOUS)**
(Approved by AICTE & Affiliated to Osmania University)
Accredited by NBA-UG (CSE, ECE, EEE & IT) & NAAC with 'A' Grade



Student Attendance Register

Academic Year : 2023 - 2024

Year : III Semester : V Course : BE

Subject : CD

Faculty Name : N. Raga Chandrika Dept : CSE

SYLLABUS COVERED

Name of the Faculty : N. Raga Chandrika
 Year : III Semester : I Branch : CSE Course : BE
 Initials of Faculty

Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
2	17-8-23	CD Introduction, Structure of compiler, Language processing system	cb
1	23-8-23	Phases of compilation → LA	cb
2	24-8-23	Phases of compilation & Translation process	cb
1	28-8-23	Linker and loader	cb
1	29-8-23	Major data structures	cb
1	30-8-23	Bootstrapping	cb
1	4-9-23	CD LAB basics	cb
2	6-9-23	Role of LA, input buffering	cb
1	8-9-23	Specification of tokens, Organization of tokens	cb
1	9-9-23	unit 2 - Role of syntax Analyzer	cb
1	11-9-23	Syntax Error handling, Recovery, Top down parsing	cb
1	12-9-23	Problems for Bottom parsing, Recursive parsing	cb
2	13-9-23	First, Follow, LL(1) parsing	cb
2	14-9-23	LL(1) Examples	cb
1	15-9-23	Bottom parsing, Handle Punting	cb
2	20-9-23	Shift-Reduce Parser, LR(0) parsing table	cb
1	21-9-23	SLR parsing table	cb
1	22-9-23	SLR example	cb
1	23-9-23	CLR example	cb
1	25-9-23	CLR(1) & LALR(1)	cb
1	27-9-23	TACC tool	cb
1	29-9-23	UNIT-3 SPD	cb
1	9-10-23	Revision & mid paper distribution	cb
1	10-10-23	SDD example	cb
1	11-10-23	SLR String parsing, Bootstrapping	cb
1	12-10-23	Evaluation order, dependency graph	cb
1	30-10-23	Symbol table	cb
1	1-11-23	SDT	cb
1	2-11-23	UNIT-4 :- Variants of syntax tree → DAG	cb
1	3-11-23	TAC	cb
1	4-11-23	Types & declarations, Translation of parsing	cb
1	6-11-23	Storage organization, stack Allocation & spill	cb
1	8-11-23	UNIT-5 → Basic Blocks and flow graph	cb

Name of the Faculty :
 Year : III s

Period(s)	Date
1	9-11-23
1	15-11-23
1	16-11-23
1	17-11-23
1	20-11-23
1	18-11-23
1	22-11-23
1	23-11-23
1	24-11-23
1	25-11-23

SYLLABUS COVERED			
Name of the Faculty: N. Raga Chandrika			
Year: III		Semester: V	Branch: CSE Course: BE
Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
1	9-11-23	UNIT-2 Revision	NR
1	15-11-23	parameter passing -> Seminars	NR
1	16-11-23	optimization of Basic Blocks.	NR
1	17-11-23	peephole optimization	NR
1	20-11-23	issues in the design of code optimization	NR
1	18-11-23	Revision	NR
1	22-11-23	The target language	NR
1	23-11-23	principle sources of optimization	NR
1	24-11-23	Register Allocation and Assignment	NR
1	25-11-23	revision of All units, extraflow analysis	NR


Stanley College of Engineering & Technology for Women		Year III	Semester V	Total Period held											
S. No.	Roll Number	Name	MONTH	8	8	8	8	9	9	9	9	9	9	Final Percentage (%)	Faculty Initial
			DATE	17	23	24	24	24	24	24	24	24	24		
			LECTURE No	1	2	3	4	5	6	7	8	9	10		
1	160621733066	Abhinavika Chelvanayagam		1	2	3	4	5	6	7	8	9	10	11	12
2	160621733067	Dilna Pallavi		1	2	3	4	5	6	7	8	9	10	11	12
3	160621733068	Akshitha Kulkarni		1	2	3	4	5	6	7	8	9	10	11	12
4	160621733069	Aishwarya Hema Lakshmi		A	A	1	A	2	3	4	5	6	7	8	9
5	160621733070	Amira Fatima		1	2	3	4	5	6	7	8	9	10	11	12
6	160621733071	Aarsha Anandhasekar		1	2	3	4	5	6	7	8	9	10	11	12
7	160621733072	Enaksha Jagannathan		1	2	3	4	5	6	7	8	9	10	11	12
8	160621733073	Bandana Anandhasekar		1	2	3	4	5	6	7	8	9	10	11	12
9	160621733074	Banathi Swathi		1	2	3	4	5	6	7	8	9	10	11	12
10	160621733075	Reetika Sena		1	2	3	4	5	6	7	8	9	10	11	12
11	160621733076	Ragani Rajitha		1	2	3	4	5	6	7	8	9	10	11	12
12	160621733077	Dhanya Rajitha		1	2	3	4	5	6	7	8	9	10	11	12
13	160621733078	Chiranjeevi Nani		1	2	3	4	5	6	7	8	9	10	11	12
14	160621733079	Chiranjeevi Nani		A	A	1	2	3	4	5	6	7	8	9	10
15	160621733080	Chiranjeevi Nani		1	2	3	4	5	6	7	8	9	10	11	12
16	160621733081	Chiranjeevi Nani		1	2	3	4	5	6	7	8	9	10	11	12
17	160621733082	D. Deepika		1	2	3	4	5	6	7	8	9	10	11	12
18	160621733083	Deepika Nani		A	A	1	2	3	4	5	6	7	8	9	10
19	160621733084	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
20	160621733085	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
21	160621733086	Deepika Nani		A	A	1	2	3	4	5	6	7	8	9	10
22	160621733087	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
23	160621733088	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
24	160621733089	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
25	160621733090	Deepika Nani		1	2	3	4	5	6	7	8	9	10	11	12
26	160621733091	K. Meghana		A	A	1	2	3	4	5	6	7	8	9	10
27	160621733092	K. Meghana		A	A	1	2	3	4	5	6	7	8	9	10
28	160621733093	K. Meghana		1	2	3	4	5	6	7	8	9	10	11	12
29	160621733094	K. Meghana		1	2	3	4	5	6	7	8	9	10	11	12
30	160621733095	K. Meghana		1	2	3	4	5	6	7	8	9	10	11	12
31	160621733096	M. Anusha		A	A	1	2	3	4	5	6	7	8	9	10
32	160621733097	M. Anusha		1	2	3	4	5	6	7	8	9	10	11	12
33	160621733098	M. Anusha		1	2	3	4	5	6	7	8	9	10	11	12
34	160621733099	M. Anusha		1	2	3	4	5	6	7	8	9	10	11	12
35	160621733100	M. Anusha		1	2	3	4	5	6	7	8	9	10	11	12
70	160621733213	N. Anusha		1	2	3	4	5	6	7	8	9	10	11	12

Stanley College of Engineering & Technology for Women								Year	Semester
S. No.	Roll Number	Class Test-I	Class Test-II	Average	Q	A	CIE	Total	
1	160621733066	19.5	20	20	4	5	5	24	
2	160621733067	19	13	16	3	5	5	29	
3	160621733068	21	23	22	5	5	5	27	
4	160621733069	21	24	23	3	5	5	26	
5	160621733070	24	20	22	4	5	5	26	
6	160621733071	23.5	24	24	3	5	5	27	
7	160621733072	25	23	24	2	5	5	26	
8	160621733073	23	21	22	4	5	5	26	
9	160621733074	17	10	14	5	5	5	29	
10	160621733075	23.5	18	21	3	5	5	24	
11	160621733076	19	17	18	4	5	5	22	
12	160621733077	20	23	22	3	5	5	25	
13	160621733079	21.5	17	20	3	5	5	23	
14	160621733080	22	21	22	3	5	5	25	
15	160621733081	24	17	21	3	5	5	24	
16	160621733082	23	19	21	4	5	5	25	
17	160621733083	13.5	17	16	3	5	5	29	
18	160621733084	25	21	23	4	5	5	27	
19	160621733085	22	19	21	3	5	5	24	
20	160621733086	10	17	14	3	5	5	27	
21	160621733087	19.5	16	18	4	5	5	22	
22	160621733088	A	2	10	6	3	5	19	
23	160621733089	23	19	21	4	5	5	25	
24	160621733090	A	15	17	3	5	5	20	
25	160621733091	24.5	19	22	3	5	5	25	
26	160621733092	22.5	23	23	3	5	5	26	
27	160621733093	24.5	18	22	4	5	5	26	
28	160621733094	5	9	7	3	5	5	20	
29	160621733095	19	16	18	4	5	5	22	
30	160621733096	20	17	19	4	5	5	23	
31	160621733097	16	16	16	3	5	5	29	
32	160621733098	23	20	22	4	5	5	26	
33	160621733099	8.5	5	7	2	5	5	17	
34	160621733100	9	8	9	3	5	5	22	
35	160621733101	19.5	20	20	3	5	5	23	

Stanley College of Engineering & Technology for Women								Year	Semester
S. No.	Roll Number	Class Test-I	Class Test-II	Average	Q	A	CIE	Total	
35	160621733101	20	19	20	4	5	5	24	
36	160621733102	12	13	13	4	5	5	27	
37	160621733103	12.5	19	16	4	5	5	20	
38	160621733104	21	20	21	3	5	5	24	
39	160621733105	18.5	20	20	4	5	5	24	
40	160621733106	18	13	16	3	5	5	29	
41	160621733107	10	11	11	3	5	5	24	
42	160621733108	14.5	13	14	4	5	5	28	
43	160621733109	13	21	17	4	5	5	31	
44	160621733110	24.5	22	24	5	5	5	29	
45	160621733111	9	16	13	4	5	5	27	
46	160621733112	20	22	21	4	5	5	25	
47	160621733113	24.5	24	25	3	5	5	28	
48	160621733114	20.5	20	21	5	5	5	26	
49	160621733115	11	9	10	3	5	5	23	
50	160621733116	22.5	23	23	4	5	5	27	
51	160621733117	22	23	23	3	5	5	26	
52	160621733118	14.5	13	14	3	5	5	27	
53	160621733119	23	23	23	3	5	5	26	
54	160621733120	15.5	13	15	3	5	5	28	
55	160621733121	21	18	20	3	5	5	23	
56	160621733122	20.5	24	23	3	5	5	26	
57	160621733123	12	16	14	3	5	5	27	
58	160621733124	25	24	25	4	5	5	29	
59	160621733125	24	21	23	5	5	5	28	
60	160621733126	19	21	20	3	5	5	23	
61	160621733127	9.5	15	13	3	5	5	26	
62	160621733128	9	9	9	3	5	5	22	
63	160621733129	8	4	6	3	5	5	19	
64	160621733130	22	13	19	4	5	5	23	
65	1606217331308	24.5	21	23	4	5	5	27	
66	1606217331309	9	A	5	4	5	5	16	
67	1606217331310	13.5	14	14	2	5	5	26	
68	1606217331311	16	22	19	4	5	5	23	
69	1606217331312	17	16	17	3	5	5	20	

OU teaching diary (Sample copy of filled-in doc)

Serial Number: _____



OSMANIA UNIVERSITY
Academic Record
Academic Year :2023 - 2024

Name of the Teacher : N. Raga chandraika

Department : CSE

College : Stanley college of Engineering and Technology for women.

	Class : Topic :	Time :	Class : Topic :	Time :	Class : Topic :	Time :
Monday Date : 11/9/23	Class : IV CSE B Topic : CD LAB (B ₁) Lex 3 rd pgams	9 to 11	Class : IV CSE B Topic : Similar error handling & Recovery, Top down parsing	12 to 1		
Tuesday Date : 12/9/23	Class : IV CSE B Topic : CD LAB (B ₂) Lex 3 pgams	11 to 1	Class : IV CSE-B Topic : problems Post top down parsing Recursive descent parsing	2:30-3:30		
Wednesday Date : 13/9/23	Class : IV CSE B Topic : First & Follow .	11 to 12	Class : IV CSE-B Topic : First & follow example Non Recursive descent parser by LL(1) in table form	1:30 to 2:30		
Thursday Date : 14/9/23	Class : IV CSEC Topic : CD LAB	11 to 1	Class : IV CSE B Topic : LL(1) examples, Bottom up parsing	2:30-4:30		
Friday Date : 15/9/23	Class : IV CSE B Topic : Bottom up, Handle parsing.	12 to 1	Class : IV CSE B Topic : CD-LAB.	2:30 to 4:30		
Saturday Date : 16/9/23	Class : IV CSE B Topic : CD-LAB.	10 to 12				

Signature of the Teacher

Signature of the Incharge / Head of the Department.

	Class : Topic :	Time :	Class : Topic :	Time :	Class : Topic :	Time :
Monday Date : 18/9/23						
Tuesday Date : 19/9/23	Class : IV CSE B Topic : Recursive descent parsing (CD-LAB).	11 to 1				
Wednesday Date : 20/9/23	Class : IV CSE B Topic : Shift Reduce parsing.	9-10	Class : IV CSE B Topic : LR(0)	12 to 1	Class : IV CSE B Topic : class adjustment AT	1:30 to 2:30
Thursday Date : 21/9/23	Class : IV CSE B Topic : SLR parsing table	2:30 to 3:30	Class : IV CSE B Topic : Invisitation	9:30 to 1		
Friday Date : 22/9/23	Class : IV CSE B Topic : SLR example.	12 to 1	Class : IV CSE B Topic : Invisitation.	1:30 to 4:30		
Saturday Date : 23/9/23	Class : IV CSE B Topic : CLR with example	9 to 10				

Signature of the Teacher

Signature of the Incharge / Head of the Department.

Mini project

Stanley College of Engineering & Technology for Women (A)
Department of CSE

VI A Batch of 2020-24 Mini Project Titles Sheet for Academic Year 22-23

Team No	Roll No	Name	Domain	Project Title	Guide
1	160620733013	Haarthi E	Machine learning	Web Scrapping Product Comparison	Dr Shivani
	160620733045	Rakshitha.S			
	160620733057	Kaveri V			
2	160620733037	Niharika	Machine learning	Prediction of heart disease	Miss Ghousia
	160620733036	Nithya			
3	160620733031	Sravani .M	Deep learning and Network Security	Image Steganography	Dr Y V S S Pragathi
	160620733018	Himaja.J			
	160620733022	Sharvani.K			
4	160620733043	Anaghaa Reddy. P	Web application	A web application to recommend calorie intake based on gender,age,activity level	Miss Shughuftha
	160620733007	B.Soujanya			
	160620733014	G.Sindhuja			
5	160620733002	Advaita D	Machine Learning	Predictive Modeling of Solar Energy Solar Power Generation forecasting using Machine Learning	Dr B V Ramana Murthy
	160620733006	Rithika B			
	160620733011	Pranathi C			
6	160620733001	Poojeetha	Machine Learning	Web based Music Genre Classification	Mrs Prasoonaa
	160620733019	Madhurima			
7	160620733003	Neha.B	Deep Learning	Detecting Web Dttacks with End to End	Mrs K Srilatha
	160620733027	Mamatha			
	160620733301	Neha.S			
8	160620733060	Keerthana. V	Bioinformatics	Molecular Docking	Dr P R Anisha
	160620733059	Vijaya Sindhoori Kazz			
9	160620733012	Duggi Priyanka	ML(computer vision)	Driver Drowsiness Detection using CNN Machine Learning	Dr P Narayana
	160620733054	Shaista			
	160620733028	Kulsum			
10	160620733010	Akshara	Web development	Question Paper Moderator	Mr Ravi Kumar
	160620733056	Tasneem Fatima			
	160620733055	Tahura Tabassum			
11	160620733008	Hrishitha.B	Deep Learning	Skin disease detection system	Dr M Swapna
	160620733021	Mallika.K			
	160620733032	Lavanya.M			
12	160620733041	Krithi .P	Natural language processing, Cloud Based Computing and	Digital Typing Assistant	Mrs Mona Singh
	160620733042	Ridhi .P			
	160620733051	Shreeya.N			
13	160620733053	Sri Kameswari Tallur	Game development	Mario Mirage Run 2D Game	Dr Kishore Kumar
	160620733017	L. Satwika			
	160620733046	C Rithika			

Title Updated.

Project Report
Guide
Sign
Pending
done

Sign
Pending
done

Sign
Pending
done

VI A Batch of 2020-24 Mini Project Titles Sheet for Academic Year 22-23
Department of CSE

Team No	Roll No	Name	Domain	Project Title	Guide
14	160620733050	M Shreeya	Machine Learning	Social Media Ads Impact Analysis	Mrs Swathi
	160620733029	M Sree Lalitha			
	160620733039	P. Spoorthi Reddy			
15	160620733058	V. Gayathri	Machine Learning	Cartoonify an Image with OpenCV	Mrs Chandrika
	160620733044	R. Sai Gayatri			
	169620733035	N. Alekhya			
16	160620733047	Sushmitha	Web Applications	Website Blocker	Mrs M Teju
	160620733047	Dhurgeshwari			
	160620733004	Shreeja			
17	160620733016	Chaitra	Machine learning	LUNG CANCER PREDICTION EARLY STAGES Prediction of lung cancer in its early stage using Machine Learning	Miss Hafsa
	160620733034	N. Lalitha sree			
	160620733048	Akshitha			
18	160620733302	Niharika. B	Web App Development	Electronic health record - Stanley	Mrs D Radhika
	160620733023	Annaya. K			
	160620733025	Sanjaya. K			
19	160620733049	Sharmila. K	Web application	Dream Destination Amazing Tavel and Tour website. Places on Earth	Mrs Rishitha
	160620733009	Shreeya			
	160620733033	M. Nikitha			
20	160620733303	B. Purnima	Machine learning	Earthquake Prediction	Mrs Sumayya
	160620733304	V. Divya			
	160620733305	J. Shriya			
21	160620733024	K. Sreejani	Machine Learning	Attendance in online classes through face detection	Mrs Soumya
	160620733015	G. Sheethal			
	160620733038	P. Abhinaya			
22	160620733020	Aashritha. J	Machine learning	A machine learning methodology for diagnosing chronic kidney disease	Mrs Arakula Tejaswi
	160620733026	Meghana			
	160620733052	Simran			

P. 15/Aug/2023
Project Coordinator

Checked by NoD 5/8/23

CO-PO/PSO mapping with justification

Stanley College of Engineering and Technology for Women, Hyderabad

SUBJECT CODE : MC802CE

YEAR: CBCS AY: 2020-21

ENVIRONMENTAL SCIENCES PO-JUSTIFICATION

COURSE CODE	COURSE OUTCOME	PO(1-12)	PSO(1-2)
MC802CE.1	Understand the present scenario of the Environment(Knowledge)	1,7,8,12	-
MC802CE.2	Identify the intrinsic values of ecological processes and communities(Knowledge)	1,7,8,12	-
MC802CE.3	Analyse the conservation of biological biodiversity(Analysis)	1,7,8,12	-
MC802CE.4	Design methods for Pollution control and for the remediation or restoration of degraded environment.(Synthesis)	1,7,8,12	-
MC802CE.5	Develop an integrative approach to environmental issues with a focus on sustainability. (Synthesis)	1,7,8,12	-

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
MC916CE.1	2						3	3				3		
MC916CE.2	2						3	3				3		
MC916CE.3	2						3	3				3		
MC916CE.4	2						3	3				3		
MC916CE.5	2						3	3				3		

MAPPED PO'S :

PO NO.	PO	DESCRIPTION
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
PO7	Environment & sustainability	Understand the impact of professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO12	Life-long Learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

COURSE OUTCOME	PO NOS	JUSTIFICATIONS
MC802CE.1- Understand the present scenario of the Environment (Knowledge)	PO1	Environmental Sciences helps to create the Engineering Knowledge if water technology and its multidisciplinary aspects
	PO7	Environmental Sustainability can be possible by educating the people
	PO8	Environmental studies provides the societal ethics in need for public awareness
	PO12	Practice Engineering profession Environment friendly
MC802CE.2- Analyse the conservation of biological diversity (Analysis)	PO1	Environmental Sciences helps to create the Engineering Knowledge if water technology and its multidisciplinary aspects
	PO7	Environmental Sustainability can be possible by educating the people
	PO8	Environmental studies provides the societal ethics in need for public awareness
	PO12	Practice Engineering profession Ecosystem friendly
MC802CE.3- Identify the intrinsic values of ecological processes and communities(Knowledge)	PO1	Environmental Sciences helps to create the Engineering Knowledge if water technology and its multidisciplinary aspects
	PO7	Environmental Sustainability can be possible by educating the people
	PO8	Environmental studies provides the societal ethics in need for public awareness
	PO12	Practice Engineering profession Biodiversity friendly
MC802CE.4- Design methods for Pollution control and for the remediation or restoration of degraded environment. (Synthesis)	PO1	Environmental Sciences helps to create the Engineering Knowledge if water technology and its multidisciplinary aspects
	PO7	Environmental Sustainability can be possible by educating the people
	PO8	Environmental studies provides the societal ethics in need for public awareness
	PO12	Practice Engineering profession as per the Environmental laws & regulations of the country friendly
MC802CE.5- Develop an integrative approach to environmental issues with a focus on sustainability. (Synthesis)	PO1	Environmental Sciences helps to create the Engineering Knowledge if water technology and its multidisciplinary aspects
	PO7	Environmental Sustainability can be possible by educating the people
	PO8	Environmental studies provides the societal ethics in need for public awareness
	PO12	Practice Engineering profession Environment friendly

B. V. A.

Stanley College of Engineering and Technology for Women
Department of Computer Science and Engineering

SPE501-2CS DATA SCIENCE USING R
Syllabus and Course Schedule
2023-24

Course Instructor: Dr. D.RADHIKA, Assoc. Prof.
 Dr. P. NARAYANA, Assoc. Prof.
Course Instruction Distribution | Learning Hours | Marks:
 Weekly: 4 classes
 Semester: V Batch: 2022-23 Learning Hours: 4 HRS
 Marks: SEE - 60 & CIE -40

Course Objectives:

1. Provide knowledge and expertise about data to become a proficient data scientist.
2. To learn basics of R programming environment.
3. To learn various statistical concepts and visualization of data.

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

1. Collect the data from different sources.
2. Analyze and Extract Statistical Inferences from data.
3. Able to predict and visualize the data.
4. Prepare the data for training and testing.
5. Apply data science concepts in real world problems.

Subject	DATA SCIENCE USING R
Faculty	Dr. D.RADHIKA , Associate Professor ,Department of CSE. Dr. P.NARAYANA, Associate Professor, Department of CSE.

Text Books/References	
TB-1	Jiawei Han, MichelineKamber, Jin Pei, Data Mining: Concepts & Techniques, 3rd Edition, MorganKoffman, 2011.
TB-2	Nina Zumel, John Mount; Practical Data Science with R. Manning Publications. 2014.
TB-3	Sameer Madhavan , "Mastering Python for Data Science", Packt Publishing Limited, 2010
RB-1	Jure Leskovek, Anand Rajaraman and Jeffrey Ullman. Mining of Massive Datasets. v2.1, Cambridge University Press.
RB-2	W. N. Venables. D. M. Smith and the R Core Team, "An Introduction to R", 2010.
RB-3	Jain VK, "Data Science and Analytics", Khana Publishing House, Delhi.

Unit	Topic	Books	No. of Classes
	UNIT -I		
I	<p>Introduction to Data Science: Data Science Process, Data Science Tool kit, Applications of Data Science.</p> <p>Introduction to R Programming: Installation of R software and using the interface, R Packages, Variables and data types, R Objects, Vectors, lists, Arrays, Matrices and Data Frames.</p> <p>Operations: Arithmetic and Logical, Functions, Strings and Factors, Control structures, Date and Time, Debugging and Simulation in R.</p>	TB2, Web	10
	UNIT -II		
II	<p>Introduction: Different kinds of data: Database data, Data warehouse, Transactional data.</p> <p>Getting to know your Data: Data objects, Types of Data: Attribute types, Basic Statistical descriptions of Data, Measuring data Similarity and Dissimilarity.</p>	TB1 TB2, Web	07
	UNIT -III		
III	<p>Data Storage and Wrangling: Data Loading, Storage, File Formats: Reading Writing data in text format - binary data format - interacting with HTML and API - Interacting with databases, NoSQL Databases.</p> <p>Data Wrangling: Clean, Transform, Merge and Reshape - Combining and Merging Data sets - Reshaping and Pivoting - Data Transformation - String Manipulation.</p>	TB2, Web	10
	Unit IV		
IV	<p>Data Exploration and Analysis: Exploring Data-Importing Data-Exploring Table Functions-Joining Numerous Datasets-Identifying Correlations-Identifying Outliers-Creating Groupings-Analyzing Data- Separating and Focusing the Data Presenting.</p> <p>Data Visualization: Data-Visualizing the Data-Charts (Scatter plots, Line graphs, bar charts, Histograms, Boxplots) -Time-Related Data-Maps-Interactive-Words-Images, Video, and Illustrations-Presentation Tools-Publishing the Data-Open Source Platforms.</p>	TB2, Web	08
	Unit V		
V	<p>Web Scraping (What to Scrape and How) Analyzing a Web Page-Network Timeline-Interacting with JavaScript-In-Depth Analysis of a Page-Getting Pages-Reading a Web Page-Reading a Web Page with</p> <p>LXML-XPath-Advanced Web Scraping-Browser-Based Parsing-Screen Reading with Selenium- Screen Reading with Ghost.PySpidering the Web-Building a Spider with Scrapy-Crawling Whole Websites with Scrapy.</p>	TB2, Web	10

Department of Computer Science and Technology
B.E III V-Semester
Course Plan
Week Wise Break-up of Topics

Subject: DATA SCIENCE USING R

Faculty 1	Dr. D.RADHIKA, Associate Professor, CSE Department
Faculty 2	Dr. P.NARAYANA, Associate Professor CSE Department

*PROBLEM BASED LEARNING, CASE BASED LEARNING, LEARN BY DOING PEDAGOGY IMPLEMENTED AS AND WHEN NEEDED

SNO	Lecture Class	Topic	*Pedagogy
1	1	UNIT -I Introduction to Data Science: Data Science Process	CHALK & TALK
2	1	Data Science Tool kit, Applications of Data Science.	CHALK & TALK
3	1	Introduction to R Programming: Installation of R software and using the interface, R Packages,	CHALK & TALK
4	1	Variables and data types, R Objects,	CHALK & TALK
5	1	Vectors, lists, Arrays	CHALK & TALK
6	1	Matrices and Data Frames	CHALK & TALK
7	1	Operations: Arithmetic and Logical, Functions,	CHALK & TALK
8	1	Strings and Factors ,Control structures	CHALK & TALK
9	1	Date and Time, Debugging and Simulation in R.	CHALK & TALK
10	1	UNIT I :Revision, discussion, doubts clarification, Assignment	CHALK & TALK
11	1	UNIT -II Introduction: Different kinds of data: Database data	PPT & TALK
12	1	Data warehouse, Transactional data	PPT & TALK
13	1	Getting to know your Data: Data objects	TALK
14	1	Types of Data: Attribute types,	PPT & TALK
15	1	Basic Statistical descriptions of Data	PPT & TALK

112
Set 6

16	1	Measuring data Similarity and Dissimilarity.	PPT & TALK
17	1	UNIT II Revision, discussion, doubts clarification, Assignment	CHALK & TALK
18	1	UNIT -III Data Storage and Wrangling: Data Loading, Storage.	PPT & TALK
19	1	File Formats: Reading Writing data in text format – binary data format	PPT & TALK
20	1	interacting with HTML and API	PPT & TALK
21	1	Interacting with databases, NoSQL Databases.	PPT & TALK
22	1	Data Wrangling: Clean, Transform	PPT & TALK
23	2	Merge and Reshape	PPT & TALK
24	1	Combining and Merging Data sets	PPT & TALK
25	1	Reshaping and Pivoting	PPT & TALK
26	1	Data Transformation – String Manipulation.	PPT & TALK
27	1	UNIT III : Revision, discussion, doubts clarification, Assignment	CHALK & TALK
28	1	Unit IV Data Exploration and Analysis: Exploring Data-Importing Data	PPT & TALK
29	1	Exploring Table Functions-Joining Numerous Datasets	PPT & TALK
30	1	Identifying Correlations-Identifying Outliers-Creating Groupings	PPT & TALK
31	1	Analyzing Data-Separating and Focusing the Data Presenting.	PPT & TALK
32	1	Data Visualization: Data-Visualizing the Data-Charts (Scatter plots, Line graphs, bar charts, Histograms, Boxplots)	PPT & TALK
33	1	Time-Related Data-Maps-Interactive-Words-Images, Video, and Illustrations	PPT & TALK
34	1	Presentation Tools-Publishing the Data-Open Source Platforms.	PPT & TALK
35	1	UNIT IV : Revision, discussion, doubts clarification, Assignment	CHALK & TALK

6

Unit V			
36	1	Web Scraping What to Scrape and How-Analyzing a Web Page	PPT & TALK
37	1	Network/Timeline-Interacting with JavaScript	PPT & TALK
38	1	In-Depth Analysis of a Page-Getting Pages	PPT & TALK
39	1	Reading a Web Page-Reading a Web Page with LXML-XPath	PPT & TALK
40	1	Advanced Web Scraping-Browser-Based Parsing	PPT & TALK
41	1	Screen Reading with Selenium-Screen Reading with Ghost	PPT & TALK
42	1	PySpidering the Web	PPT & TALK
43	1	Building a Spider with Scrapy	TALK
44	1	Crawling Whole Websites with Scrapy.	PPT & TALK
45	1	UNIT V : Revision, discussion, doubts clarification, Assignment	CHALK & TALK
	45	Total Classes Required: 45	

Text Books:

1. Jiawei Han, MichelineKamber, Jin Pei, Data Mining: Concepts & Techniques, 3rd Edition, Morgan Koffman, 2011.
2. Nina Zumel, John Mount; Practical Data Science with R, Manning Publications. 2014.
3. Sameer Madhavan , "Mastering Python for Data Science", Packt Publishing Limited, 2010.

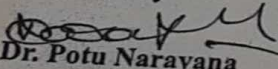
Reference Books:

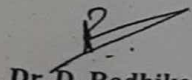
1. Jure Leskovek, Anand Rajaraman and Jeffrey Ullman. Mining of Massive Datasets. v2.1, Cambridge University Press.
2. W. N. Venables. D. M. Smith and the R Core Team, An Introduction to R, 2010.
3. Jain VK, "Data Science and Analytics", Khana Publishing House, Delhi.
4. R Tutorial (w3schools.com)
5. Data Science for Engineers - Course (nptel.ac.in)

CLASS ASSESSMENT

1. Seminar (Slow Learners to enhance communication skills and technical skills)
2. Questions to be answered using R (Slow and fast learners)
3. Micro Project aims to explore knowledge on Data Science Using .

Prepared by


Dr. Potu Narayana
Associate Professor


Dr. D. Radhika
Associate Professor


HoD

14/9

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 CLASS COMMITTEE MEETING

Minutes of Meeting

III Sec B.

Date: 24/11/22

Time: 3.30 pm.

Venue: HOD Office

Attended by:

Sl.No	Points Discussed
10	Less than 40% performance in Mid 1 is being reviewed.
	Jana-29, DM-7, M3-13
	CO-12, DE-17
	Action Plan Suggested.
	① Giving activity to students on important concepts & ask them to write in a notebook & show.
	② Review students performance and counsel them to do better in exam.

③ To improve performance of weak students, Student (D. Redhika), to be paired with academically strong student.

Chairman/Class Committee

HOD

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS COMMITTEE MEETING

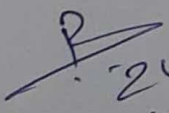
Date: 24/Nov/2022

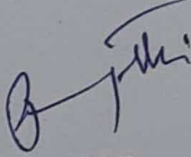
This is to inform that all the Class Committee Members of III B (Class)
are requested to attend the Class Committee Meeting on 24/Nov (Date/Day)

By 3:40 (AM/PM) @ Hof office (Venue) without fail.

Agenda:

1. Batch 2025 mid result Analysis


24/Nov/22
(D. Radhika)
Chairman/Class Committee


HOD

Copy to:

1. All members
2. File

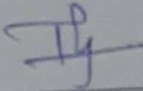
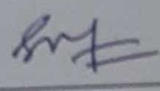
STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

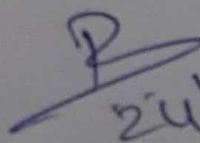
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS COMMITTEE MEETING

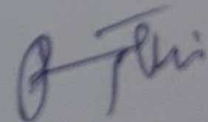
MEMBERS_STAFF

Class: III Sec- B

Sl.No	Subject	Subject Handler	Designation	Staff Signature
1.	Java	M.Thejaswini	Asst.professor	
2.	CO	Sumayya Ajeer	Asst.Professor	


24/Nov/22
(D.Redhika)

Chairman/Class Committee



HOD

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CLASS COMMITTEE MEETING

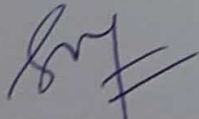
Date: 24/Nov/2022

This is to inform that all the Class Committee Members of III A (Class)
are requested to attend the Class Committee Meeting on 24/Nov (Date/Day)

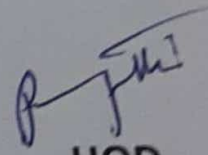
By 3:30 (AM/PM) @ HOD Office (Venue) without fail.

Agenda:

1. Batch 2025 Mid Result Analysis.



Chairman/Class Committee



HOD


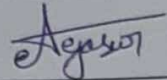
Copy to:

1. All members
2. File

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CLASS COMMITTEE MEETING

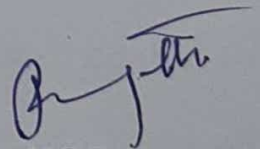
MEMBERS_STAFF

Class: III Sec- A

Sl.No	Subject	Subject Handler	Designation	Staff Signature
1.	DM	P. Rishitha	Asst. Prof	
2.	CO	A. Tejaswi	Asst. Prof	



Chairman/Class Committee



HOD



Stanley College Of Engineering And Technology For Women

Chapel Road, Abids, Hyderabad

Department Of Computer Science and Engineering

PROJECT WORK-PW761CS -VIII SEM 27-04-2023

SNO	Batches	Roll No.	NAME	AREA OF INTEREST	Guide Name	Title of the Project	Guide Signature	Student Signature
1	CSE- C 001	160619733125	Basava Lavanya Durga	Machine Learning	Dr. C Kishore Kumar Reddy	Dactylogy recognition system Using CNN		
		160619733138	Anudeepa Jetangi					Anudeepa
		160619733151	P.Sahithi Reddy					Kalithi
2	CSE- C 002	160619733176	M.Satya charita		Dr. R Mannivanan	Differentiating music genre from audio file.		Satya
		160619733177	Simin Ahmed					Simin
		160619733133	G.Sai Chitranjali					G.Sai
3	CSE- C 003	160619733136	Jahnvi Gandla	Artificial intelligence	Mrs. M Soumya	Text to Image Synthesis using GAN		G. Jahnvi
		160619733128	Devulapalli Sri Sai Pragyna					
		160619733124	Baddula Sai Niveditha					B Sainiveditha
4	CSE- C 004	160619733167	T.Manisha	full stack development	Dr. PR Anisha	ON - Call Medicine Reminder		T. Manisha
		160619733179	S.Sai Chandana					S.Sai
		160619733174	N.krishnaveni Reddy					N.krishnaveni
5	CSE- C 005	160619733143	Mandi Omana Reddy	Machine Learning	Dr. BV Ramana Murthy	Sentimental Text Evaluation using Machine Learning		Mandi
		160619733155	Ramavath Renushree					R. Renushree
		160619733157	Raparti Renuka					Renuka
6	CSE- C 006	160619733135	G.Pravalika	Machine Learning	Dr. M Swapna	Voice Based Gender Recognition using Generative Adversarial Network		Pravalika
		160619733145	M.Keerthana					Keerthana
		160619733148	N.Saikeerthi					Saikeerthi
		160619733126	chermani vaishnavi					Vaishnavi

7	CSE- C 007	160619733169	Patel Vaishnavi Goud	-full stack development Machine Learning	Dr. P Narayana	Chatbot Implementation Using Advanced NLP Techniques Predicting poverty level from satellite Imagery.	<i>Ans</i>	Atalshani
		160619733316	voreellu Durga Lakshmi					Durga
8	CSE- C 008	160619733132	G Pranavi Reddy	Data science	Mrs. D Radhika	Agriculture crop, fertilizer recommendation system and disease detection using data science	<i>f</i>	<i>Radhika</i>
		160619733171	Valdas Lakshmi Prasanna					<i>Y. Pushpalatha</i>
		160619733172	Yele.Pushpalatha					Y. Pushpalatha
9	CSE- C 009	160619733142	Konda Amitha	Artificial Intelligence	Mrs. Sumayya Afreen	Blood Group Detection using Image Processing and Deep Learning	<i>Sumayya</i>	Amitha
		160619733163	Sriram Nishiptha					<i>Srip</i>
		160619733168	V. Ananya Sree					<i>Ananya</i>
10	CSE-C 010	160619733137	Pavithra Jella	Machine Learning	Ms. A. Tejaswi	fake user identification through url and spammer detection	<i>Tejaswi</i>	<i>Tejaswi</i>
		160619733139	K S Anoushika					<i>Tejaswi</i>
		160619733153	Shruthi Rajampeta					<i>Tejaswi</i>
11	CSE- C 011	160619733141	kambam sindhu	Machine learning	Mrs. K Srilatha	Personality Prediction using Machine Learning from Social Media Data	<i>Srilatha</i>	<i>Sindhu</i>
		160619733160	Shaista Sultana					<i>Sultana</i>
		160619733161	Shireen saleha					<i>Saleha</i>
12	CSE- C 012	160619733122	Amrutha Parwatikar	Machine Learning	Dr. YVSS Pragathi	Calories Burnt Prediction Using XGB Regressor	<i>P. Thi</i>	<i>Amrutha</i>
		160619733134	Gouni Santhoshi					<i>Santhoshi</i>
		160619733149	pitla susmitha					<i>Susmitha</i>
13	CSE- C 013	160619733144	Manisha Waghmare	Artificial intelligence	Mrs. T Monika Singh	Image Captioning using CNN and RNN	<i>Monika</i>	<i>Manisha</i>
		160619733152	R Shailaja					<i>R. Shailaja</i>
		160619733127	Devika S N					<i>Devika</i>
14	CSE- C 014	160619733123	Athmakuri Akshara	Deep Learning	Ms. Shugufat Fatima	Diabetic Retinopathy Detection using Deep Learning Algorithms	<i>Shugufat</i>	<i>A. Akshara</i>
		160619733131	Gandoori Sindhuja					<i>Sindhuja</i>
		160619733158	S. Ruchitha					<i>S. Ruchitha</i>
15	CSE- C 015	160619733150	Poonam	machine learning	Ms. Ghousia Beaum	Book recommendation system using collaborative filtering	<i>Ghousia</i>	<i>Poonam</i>
		160619733178	Nampally Vincela					<i>Vincela</i>

Best Project

16	CSE- C 016	160619733180	Thamagonda Sarika	machine learning	Mrs. Swathi sree	movie recommendation system using cosine similarity	Sf.	T. Sarika
		160619733164	Susilla Vaishnavi					Shashi
		160619733170	Vaishnavi Navale					Madhavi Navale
17	CSE- C 017	160619733173	Patlolla Manasa Reddy	machine learning	Dr. Shivani Yadao	physically activity fitness prediction	P.	P. Manasa Reddy
		160619733315	Afreen					Afreen
		160619733317	M.Ragini					M. Ragini
18	CSE- C 018	160619733318	T.Nandini	Machine Learning	Mrs. V Anitha	Android Malware Detection from	V.A	T. Nandini
		160618733098	Lingala Nikhila					Nikhila
		160619733162	Sindey Aakanksha					Sindey Aakanksha
19	CSE- C 019	160619733313	B.Deekshaa Singh	Machine Learning	Ms. Hafsa IUA	Bitcoin Price Prediction using LSTM Model	Hafsa	B. Deekshaa Singh
		160619733159	Safwa Mohammed Abdul Jabbar					Safwa
		160619733165	Syeda Khadija Kaleem					Khadija
20	CSE- C 020	160619733121	Amena Abdul Basith	Machine learning	Mrs. A Sethu Madhavi	Machine learning based Rainfall Prediction	A. Sethu	Amena Abdul Basith
		160619733130	Gajam Sravani					G. Sravani
21	CSE- C 021	160619733140	Kaduduram Pavani	Application Development	Dr. C Kishore Kumar Reddy	STANLAND: Inside the Gates	CKR	K. Pavani
		160619733129	Pujitha Ganamukula					P. Ganamukula
		160619733154	Nithya Reddy Ragula					Nithya Reddy Ragula
22	CSE- C 022	160619733175	Mamidala Goda Sreya	Machine learning	Ms. Veena Kumari	Prediction of Credit card Approval using logistic Regression	V. Kumari	M. Goda Sreya
		160619733166	Tankashala Harika					T. Harika
		160619733146	Middinti Archana					M. Archana

Project Coordinator

[Signature]


HOD, CSE

[Signature]


Veena mam
Join online in phone
+ attended her student review.

Best Project

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering



Stanley College of Engineering and Technology for Women
(AUTONOMOUS)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
Chapel Road, Abids, Hyderabad - 500 001

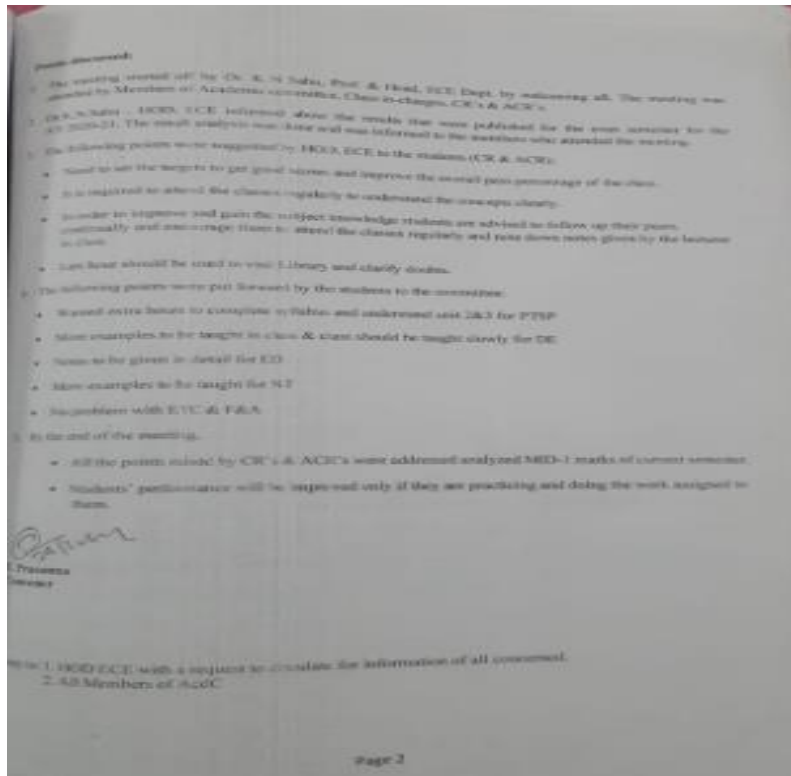
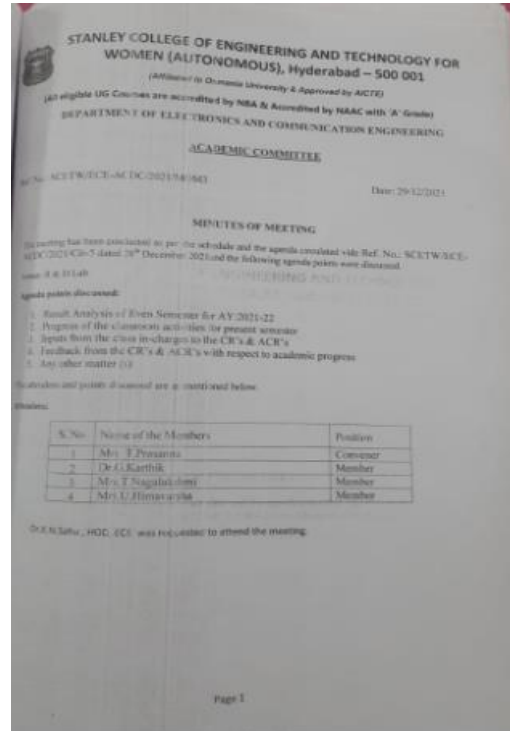
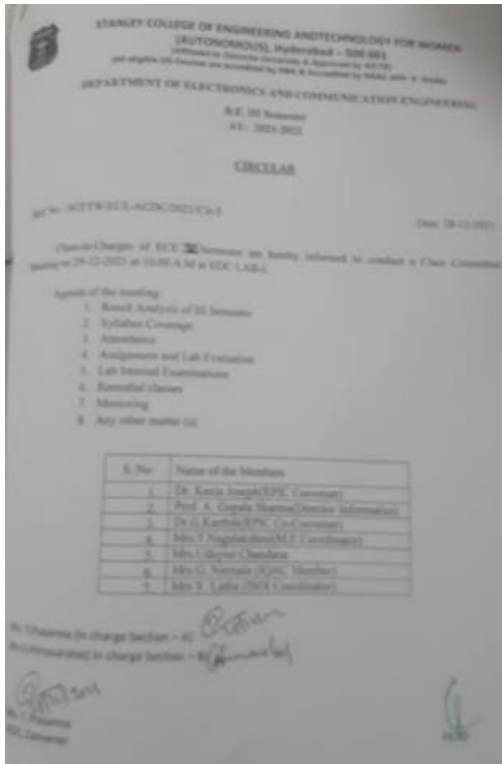


ALMANAC for the Academic year 2021-2022 - B.E. I & II Semesters (AUTONOMOUS)

I - Semester		
1	Induction Programme (1 Week)	22 - 11 - 2021 to 28 - 11 - 2021
2	Commencement of Instruction	29 - 11 - 2021
3	CIE (Internal Test) - I	03 - 01 - 2022 to 05 - 01 - 2022
4	CIE (Internal Test) - II	02 - 03 - 2022 to 04 - 03 - 2022
5	Last Date of Instruction	05 - 03 - 2022
6	Mandatory Course (MC) Theory Examination (SEE)	10 - 03 - 2022 & 11 - 03 - 2022
7	CIE (Internal Test) - III (Optional)	07 - 03 - 2022 & 08 - 03 - 2022
8	Preparation and Practical Examinations	14 - 03 - 2022 & 23 - 03 - 2022
9	Submission of Attendance to Exam Branch	10 - 03 - 2022
10	Submission of CIE marks to Exam Branch	20 - 03 - 2022
11	Commencement of Theory Examinations (SEE)	24 - 03 - 2022 to 30 - 03 - 2022
II - Semester		
1	Commencement of Instruction	31 - 03 - 2022
2	CIE (Internal Test) - I	09 - 05 - 2022 to 11 - 05 - 2022
3	CIE (Internal Test) - II	20 - 06 - 2022 to 22 - 06 - 2022
4	Last Date of Instruction	24 - 06 - 2022
5	Mandatory Course (MC) Theory Examination (SEE)	25 - 06 - 2022 & 27 - 06 - 2022
6	CIE (Internal Test) - III (Optional)	23 - 06 - 2022 & 24 - 06 - 2022
7	Preparation and Practical Examinations	28 - 06 - 2022 to 09 - 07 - 2022
8	Submission of Attendance to Exam Branch	26 - 06 - 2022
9	Submission of CIE marks to Exam Branch	05 - 07 - 2022
10	Commencement of Theory Examinations (SEE)	11 - 07 - 2022 to 18 - 07 - 2022
11	Semester Break	19 - 07 - 2022 to 31 - 07 - 2022
12	Commencement of Next Academic Year 2022 - 2023	01 - 08 - 2022

Note: (1) Semester Break (*): Internships/Field Work and Supplementary Exams must be completed.
(2) Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering



2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

STANLEY COLLEGE OF ENGINEERING
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & Accredited by NAAC with 'A' Grade)
DEPARTMENT OF ECE

ECE-I **V sem Consolidated Attendance AY: 2021-2022**

S No	Roll No.	Name of the Candidate	AC	DSP	ACS	MPMC	AWP	SSP LAB	MPMC LAB	MINI PROJECT	TOTAL	%
1	160619735001	Afiya Rabbani	49	51	50	48	47	22	24	22	313	100
2	160619735002	Airpula Nikitha	41	43	39	39	38	10	12	18	240	77
3	160619735003	A.Sneha	33	41	43	37	37	18	22	22	253	81
4	160619735004	A.Akaanksha	39	41	49	31	41	20	24	20	265	85
5	160619735005	Aniseti Praharsa	37	40	44	39	38	18	24	18	258	82
6	160619735006	Badisha Sai Kavya Sree	42	39	39	31	40	22	24	16	253	81
7	160619735007	B.SaiShriya	41	39	34	38	38	16	24	18	248	79
8	160619735008	Botumanchi Prajwala	37	39	38	31	41	22	18	16	242	77
9	160619735009	Bysani Lakshmi Prasanna	38	41	42	36	32	20	24	16	249	80
10	160619735010	Chintala Manisha	41	43	38	36	40	22	22	14	256	82
11	160619735011	Cholleti Manaswini	34	39	31	35	41	20	24	18	242	77
12	160619735012	D.Vaishnavi	41	44	40	35	35	18	24	16	253	81
13	160619735013	G.Sandhya	37	38	41	37	41	22	24	18	258	82
14	160619735014	Gandla Jayasree	38	41	42	38	42	20	24	22	267	85
15	160619735015	G.Varsha	42	42	40	30	35	18	24	20	251	80
16	160619735016	Godha Nikitha	42	41	41	33	36	16	24	22	255	81
17	160619735017	Godha Nikitha	41	42	37	37	40	18	24	18	257	82
18	160619735018	Gullepelli Srija	40	35	42	37	42	16	24	16	252	81
19	160619735019	Hajera Fathima	37	40	40	39	37	18	24	14	249	80
20	160619735020	Jannamaraju Sripruma	31	39	41	38	38	22	24	22	255	81
21	160619735021	Jellapuram Kushsmitha	43	38	33	39	41	20	24	18	256	82
22	160619735022	Jellapuram Kushsmitha	35	42	41	31	40	22	24	16	251	80
23	160619735023	Kandula Sahithi	35	39	39	31	37	22	24	16	243	78
24	160619735024	Kandula Sahithi	39	41	38	39	35	16	24	16	248	79
25	160619735025	K.Pragna Angeline	33	45	39	41	36	22	24	18	258	82
			40	40	39	35	41	18	24	14	251	80

17/10/22
HOD ECE

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
Hyderabad, 500001
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & Accredited by NAAC with 'A' Grade)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEM-III ECE-I **Date: 29/11/2021**

S.NO	SUBJECT/LAB	NAME OF THE TEACHER	SYLLABUS COVERED	NO. OF CLASSES TAKEN	SIGN	REMARKS
1	PTSP	Dr. Satya Prasad Lanka	Unit I completed Unit II 50% completed		[Signature]	
2	ED	Mrs. T Prasanna	UNIT - I completed UNIT - II 70% completed	17	[Signature]	
3	DE	Prof. A Gopala Sharma	unit I and II completed II - 70%	17	[Signature]	no. of
4	NT	Ms. U Himavarsha	UNIT-I & II completed UNIT-III - 40% completed	22	[Signature]	
5	ETC	Mrs. Virgilia Richards	Unit I & II - completed (Revising)	12	[Signature]	Verdict
6	F & A	Mrs. Hajera Unnisa	Unit-I 90% completed Unit-II 90% completed	12	[Signature]	
7	EDC LAB	Mrs. T Prasanna/ Dr. G. Karthik	Batch-1 - 3 expts completed Batch-2 - 3 expts completed	6	[Signature]	
8	EWS LAB	Ms. U Himavarsha/ Mrs.Neha J V	Batch-1 - 2 expts completed Batch-2 - 3 expts completed	6	[Signature]	

Name and Signature

Class In-Charge: Mrs. T. Prasanna [Signature]
Class Representative: P. Bravya
Convener of the Academic Committee: Mrs. T. Prasanna [Signature]

HOD

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

COURSE INFORMATION SHEET			
COURSE NAME: ELECTRONIC DEVICES		COURSE CODE: PC401EC	REGULATION: R20
PROGRAM / YEAR / SEMESTER: BE / III SEM		CREDITS: 3	AY : 2021-2022
COURSE TYPE: CORE			
COURSE AREA/DOMAIN: VLSI		CONTACT HOURS: 3+1 (Tutorial) hours/Week.	
CORRESPONDING LAB COURSE NAME, CODE (IF ANY): Electronic Devices (PC 451EC)			
PRE-REQUISITE COURSES/SEM/CODE (IF ANY) : —			
SYLLABUS:			
UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Introduction to Semiconductor Physics: Basics of Semiconductors: Energy bands in intrinsic and extrinsic Silicon. Carrier transport: diffusion current, drift current, mobility and resistivity; Generation and recombination of carriers, Poisson and continuity equation, Hall Effect Junction Diode: PN Junction formation, Characteristics, biasing-band diagram and current flow, Diode current equation, Breakdown in diodes, Diode as a circuit element, Small signal diode models, Diode switching characteristics, Zener Diode, Zener voltage regulator and its limitation, Schottky diode.	8	1
II	PN Diode Applications: Half wave, Full wave and Bridge rectifiers - their operation, performance characteristics, and analysis; Filters (L and C) used in power supplies and their ripple factor calculations, design of Rectifiers with and without Filters. Specials Diodes: Elementary treatment on the functioning of Light Emitting Diode, Photo diodes and solar cells.	8	1
III	Bipolar Junction Transistor: Transistor Junction formation (collector-base, base-emitter Junctions), Transistor biasing – band diagram for NPN and PNP transistors, current components and current flow in BJT, Ebers moll model, Modes of transistor operation, BJT V-I characteristics in CB, CE, CC configurations, BJT as an amplifier, BJT biasing techniques, operating point stabilization against temperature and device variations, Bias stabilization and compensation techniques, Biasing circuits design.	8	1
IV	Small Signal Transistors equivalent circuits: Small signal low frequency h-parameter model of BJT, Approximate model, Analysis of BJT amplifiers using Approximate model for CB, CE and CC configurations; High frequency - Π model, Relationship between hybrid - Π and h - parameter model.	8	1
V	Junction Field Effect Transistors (JFET): JFET formation, operation & current flow, V-I characteristics of JFET, Low frequency small signal model of FETs, Analysis of CS, CD and CG amplifiers. MOSFETs: Enhancement & Depletion mode MOSFETs, current equation, V-I characteristics, DC-biasing	8	1
TOTAL		40	5
TEXT/REFERENCE/ADDITIONAL BOOKS:			
T/R	BOOK TITLE/AUTHORS/PUBLISHER		
T1	G. Stretman and S.K. Banerjee, <i>Solid State Electronic Devices</i> , 7 th edition, Pearson, 2014		
T2	S.M. Sze and K.N. Kwok, <i>Physics of semiconductor devices</i> , 3 rd edition, John Wiley & Sons, 2006		
T3	D. Neamen, D. Biswas, <i>Semiconductor physics and Devices</i> , McGraw-Hill Education		
T4	Jacob Millman, Christos C. Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGraw-Hill Education, 2010		
T5	Robert Boylestad and Louis Nashelsky, <i>Electronic Devices and Circuit Theory</i> , 11 th ed, Pearson India publications, 2015		
R1	Albert D. Helfric, and William D. Cooper, "Modern Electronic Instrumentation and Measurement Techniques", PHI, 2010.		
R2	S. Salivahanan, N. Kumar, A. Vallavaraj, <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.		
R2	David A. Bell, <i>Electronic Devices And Circuits</i> , Oxford University Press, 5 th edition, 2008.		
R3	Dr. Lal Kishore, <i>Electronics Devices Circuits</i> , BS Publications, 2008		
WEB SOURCE REFERENCES: (Detailed Topic link)			
W1	http://site.iugaza.edu.ps/mahin/files/2013/02/B-stad_CH_01.ppt		
W2	https://www.utdallas.edu/~ee3310/devices_class/EE3310_classnotes_f02_1.pdf		

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

COURSE OUTCOMES:		PO(1..12) MAPPING	PSO(1,2) MAPPING
SNO	DESCRIPTION		
PC401.1 EC	Analyze the basic characteristics of a semiconductor diode and Zener diode. (BLT 4)	1,2,3,4,6,8,9, 12	PSO1, PSO2
PC 401.2 EC	Construct Half wave and Full wave rectifiers with L, C, LC, CLC filters and analyze and obtain the characteristics of these circuits. (BLT 3)	1,2,3,4,6,7,8,9,12	PSO1,PSO2
PC401.3 EC	Design a BJT amplifier and differentiate Various amplifier characteristics such as CB,CE,CC amplifiers. (BLT 5)	1,2,3,4, 6,7,9, 12	PSO1,PSO2
PC401.4 EC	Develop the h-parameter model and design Biasing techniques for BJT in Amplifier Applications (BLT 5)	1,2,3, 4, 6, 8,9,12	PSO1,PSO2
PC401.5 EC	Explore V-I characteristics and analyze CS,CD ,CG amplifier circuits using JFETs and MOSFETs (BLT 2)	1,2,3,4, 6,8,9,12	PSO1,PSO2

COURSE OUTCOMES VS POs MAPPING (DETAILED: HIGH:3; MEDIUM:2; LOW:1):

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PC401.1 EC	2	3	3	3	2	3	-	2	3	-	-	3	1	3
PC401.2 EC	2	3	3	2	1	2	2	1	3	-	-	1	3	3
PC401.3 EC	2	3	3	3	2	2	2	-	3	-	-	2	1	3
PC401.4 EC	3	2	3	3	2	2	-	1	3	-	-	3	1	3
PC401.5 EC	3	3	2	2	1	2	-	1	3	-	-	3	1	3
AVG	2.40	2.80	2.80	1.60	2.20	2.00	1.00	3.00	-	-	-	2.40	1.40	3.00

* For Entire Course, PO & PSO Mapping
Note: Enter correlation levels 1, 2 or 3 as defined below:
1: Slight (Low) 2: Moderate (Medium)

3: Substantial (High) If there is no correlation, put "-"

POs & PSO REFERENCE:

PO1 Engineering Knowledge	PO6 Engineer & Society	PO11 Project Mgt. & Finance
PO2 Problem Analysis	PO7 Environment & Sustainability	PO12 Life Long Learning
PO3 Design & Development	PO8 Ethics	PSO1 Appertain to Communication and Automation Principles
PO4 Investigations	PO9 Individual & Team Work	PSO2 Adaptability to Productive Environment
PO5 Modern Tools	PO10 Communication Skills	

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSE ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1					

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO / PSO
1.	UJT construction and characteristics	PC401.3EC	1,2,3,4,6,7,9,12 / 1,2

Web Link of the Course Material: Google Classroom ,Big Blue Button and Moodle
Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners:

Weak: Classes conducted before the commencement of coursework to brush up the basics (based on the results in the previous semester)
Advanced: Designing of circuits as mini projects

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/> REAL WORLD EXAMPLES	<input type="checkbox"/> COLLABORATIVE LEARNING	<input checked="" type="checkbox"/> QUALITY LAB EXPERIMENTS	<input type="checkbox"/> OBSERVATIONS RECORDED
<input type="checkbox"/> INDUSTRY INTERNSHIP	<input type="checkbox"/> SUMMER TRAINING	<input checked="" type="checkbox"/> EXPERT GUEST LECTURES	<input checked="" type="checkbox"/> PROJECTS
<input checked="" type="checkbox"/> USE OF ICT	<input type="checkbox"/> ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-DIRECT

<input checked="" type="checkbox"/> EXAM QUESTIONS	<input checked="" type="checkbox"/> TUTORIAL QUESTIONS	<input checked="" type="checkbox"/> ASSIGNMENTS	<input checked="" type="checkbox"/> LABORATORY TESTS
<input type="checkbox"/> PROJECT EVALUATION	<input type="checkbox"/> STUDENT ARTIFACTS	<input checked="" type="checkbox"/> ORAL EXAMS	<input type="checkbox"/> PROJECT PRESENTATIONS
<input checked="" type="checkbox"/> INTERNALLY DEVELOPED EXAMS			<input type="checkbox"/> ANY OTHER (SPECIFY)


ASSESSMENT METHODOLOGIES-INDIRECT

<input checked="" type="checkbox"/> STUDENT EXIT SURVEY	<input checked="" type="checkbox"/> CO-CURRICULAR ACTIVITIES	<input type="checkbox"/> EXTRA CURRICULAR ACTIVITIES
---	--	--

Prepared by
T.Prasanna

Approved by
(HOD, ECE)

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering



STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & NAAC with 'A' Grade)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LESSON PLAN
Electronic Devices (PC401EC)

Academic Year: 2021-2022
Class: B.E. (ECE) **Sem.:** III

Semester End Examination (SEE): 70 Marks
Continuous Internal Evaluation (CIE): 30 Marks
No. of Instruction Periods (per week): 05

Name, Designation & Dept. of the Instructor: Mrs.T.Prasanna, Assistant Professor, Dept. of ECE

Course Purpose: Electronics Devices is a basic course which deals with construction, operation and characteristics of the devices. All the circuits are built with devices and application include Industrial, communications, embedded systems and VLSI fields.

Course Structure: This course comprises of five units.

Unit-1: Deals with semiconductor physics and semiconductor diode formation & biasing. Breakdown Mechanisms.

Unit-2: Deals with rectifier performance parameters & design of rectifiers and filters. Also deals with special diodes like LED, photodiode & solar cell.

Unit-3: Deals with transistor formation, current components, biasing techniques and stabilization techniques.

Unit-4: Analysis of amplifier circuits for current gain, voltage gain, input impedance & output impedance with exact and approximate model.

Unit-5: Deals with JFET & MOSFET construction & operation. Amplifiers using FETs.

COURSE SCHEDULE

Class Hour	Week No.	Topics to be covered	Pedagogy (Online/Offline)	Text/Reference Book (s)
1.	1	Introduction to Semiconductor Physics: Review of Quantum mechanics electronics in periodic lattices ,	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
2.		E-K diagram, Energy bands in intrinsic and extrinsic Silicon.		
3.		Carrier transport: diffusion current ,drift current, mobility and resistivity ;		
4.		Generation and recombination of carriers, Poisson and continuity equation.		
5.		Tutorial 1		

Page 1

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

6.	2	Junction Diode : PN Junction formation ,Characteristics, biasing- band diagrams and current flow	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> ,3 rd edition, McGrwHill education, 2010
7.		Diode current equation		
8.		Breakdown in diodes		
9.		Diode as a circuit element, small signal diode models, Diode switching characteristics		
10.		Tutorial 2		
11.	3	,Zener Diodes , Zener voltage regulator and its limitation.	Offline	S Salivahanan,N Kumar,A Vallavaraj; <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.
12.		PN Diode Applications: Half wave, operation, performance characteristics, and analysis;		
13.		Full wave and operation, performance characteristics, and analysis		
14.		Bridge rectifiers - their operation, performance characteristics, and analysis		
15.		Tutorial 3		
16.	4	Filters -L, Filters -C	Offline	S Salivahanan,N Kumar,A Vallavaraj; <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.
17.		LC and CLC filters) used in power supplies and their ripple factor calculations		
18.		design of Rectifiers with Filters		
19.		design of Rectifiers without Filters		
20.		Tutorial 4		
21.	5	Specials Diodes: Elementary treatment on the functioning of Light Emitting Diode, Photo diodes and	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> ,3 rd edition, McGrwHill education, 2010
22.		solar cells		
23.		Bipolar Junction Transistor : Transistor Junction formation (collector-base, base-emitter Junctions)		
24.		Transistor biasing-band diagram for NPN and PNP transistors,		
25.		Tutorial 5		

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

26.	6	current components and current flow in BJT, Modes of transistor operation, BJT V-I characteristics in CB, Early effect	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
27.		CE configuration		
28.		CC, BJT as an amplifier,		
29.		BJT biasing techniques, Fixed, collector to base bias		
30.		Tutorial 6		
31.		BJT biasing techniques, Self bias		
32.	7	operating point stabilization against temperature and device variations Stability factors	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
33.		Bias stabilization and compensation techniques, Biasing circuit design.		
34.		Small Signal Transistors equivalent circuits : Small signal low frequency h-parameter model of BJT,		
35.		Tutorial 7		
36.	8	Small signal low frequency h-parameter model of BJT,	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
37.		Approximate model, analysis of BJT amplifiers using approximate model for CB, CE and		
38.		CC configurations;		
39.		High frequency $-\Pi$ model, Relation between hybrid- Π and h-parameter model. Hybrid Pi conductance, Hybrid Pi Capacitance		
40.		Tutorial 8		
41.	9	Junction Field Effect Transistors (JFET): JFET formation, operation & current flow, V-I characteristics of JFET, Transconductance, and drain current.	Offline	Robert Boylestad and Louis Nashelsky, <i>Electronic Devices and Circuit Theory</i> , 11 th ed, Pearson India publications, 2015
42.		MOSFETs: Enhancement. & Depletion mode MOSFETs., Current equation, V-I characteristics		
43.		DC biasing, Low frequency small signal model of FETs. Analysis of CS,		
44.		CD and CG amplifiers, MOS capacitor		
45.		Tutorial 9		

Name & Signature of the Instructor: T.Prasanna

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering


SYLLABUS COVERED			
Name of the Faculty :	Y. LATHA		
Year :	Semester : IV	Branch : ECE - B	Course : E.E.
Periods	Date	Brief notes of the topic covered	Initials of Faculty
1	01-03-22	P.L.C subject Introduction	✓
2	02-03-22	1-3:30 Hours work starting from constant of the AC	✓
3	03-03-22	Response of HP to sinusoidal TP	✓
4	04-03-22	Response of HP to circuit for step, sine, ramp TP	✓
5	05-03-22	Response of HP to circuit for sine, ramp, pulse TP	✓
6	06-03-22	Response of HP to circuit for square wave TP	✓
7	07-03-22	Half wave rectifier	✓
8	08-03-22	Full wave rectifier	✓
9	09-03-22	HP to VP AC circuit problems	✓
10	10-03-22	Transmitting clippers, voltage comparators & applications	✓
11	11-03-22	clippers with a negative clippers	✓
12	12-03-22	clippers and comparators taking of a TP into consideration	✓
13	13-03-22	HP to HP circuit	✓
14	14-03-22	Half based binary decoder Procedure, decoder outputs	✓
15	15-03-22	commutating capacitor, feedback on clippers & clamping	✓
16	16-03-22	Bi-stable, Astable or Monostable application	✓
17	17-03-22	Schmitt trigger as application Monostable	✓
18	18-03-22	Schmitt trigger as appl	✓
19	19-03-22	Time base generator Methods of generating	✓
20	20-03-22	Time base waveform, UJT	✓
21	21-03-22	UJT differential amplifier, dual clip	✓
22	22-03-22	balanced & unbalanced clip, single clip	✓
23	23-03-22	balanced & unbalanced clip	✓
24	24-03-22	operational Amplifier block diagrams, level translator	✓
25	25-03-22	Ideal & Practical Clamp, DC & AC characteristics	✓
26	26-03-22	AC characteristics, V-IV to Sinus Non Sin, Integrator	✓
27	27-03-22	Every one of Ideal & Practical Integrator	✓
28	28-03-22	Ideal & Practical Differentiator	✓
29	29-03-22	Summing amplifier, Inv-non Inv, Schmitt trigger	✓
30	30-03-22	Antenna Active, Active Filter - LPF	✓
31	31-03-22	First & second order - HPF, BPF	✓
32	01-04-22	BCE, log & Anti-log Amplifiers	✓

SYLLABUS COVERED			
Name of the Faculty :	Y. LATHA		
Year :	Semester : IV	Branch : ECE - B	Course : E.E.
Periods	Date	Brief notes of the topic covered	Initials of Faculty
1	01-04-22	V.S → S.E. functional diagram Monostable	✓
2	02-04-22	Active MV, Applications, Schmitt trigger	✓
3	03-04-22	PLC & Appl	✓
4	04-04-22	DAT → weighted resistor R-2R ladder	✓
5	05-04-22	AD → signal slope ADC	✓
6	06-04-22	Successive approximation type ADC	✓
7	07-04-22	Flash type ADC, two & four specifications	✓
8	08-04-22	Fixed & Variable voltage regulators	✓
9	09-04-22	Operation	✓

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08/4	09/4	10/4	11/4	12/4	13/4
CR7 online	CR7 online	CR7 online	CR7 online	CR7 online	CR7 online
9-10	9-10	9-10	9-10	9-10	9-10
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
10-11	10-11	10-11	10-11	10-11	10-11
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
11-12	11-12	11-12	11-12	11-12	11-12
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
12-13	12-13	12-13	12-13	12-13	12-13
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
13-14	13-14	13-14	13-14	13-14	13-14
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
14-15	14-15	14-15	14-15	14-15	14-15
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
15-16	15-16	15-16	15-16	15-16	15-16
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
16-17	16-17	16-17	16-17	16-17	16-17
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
17-18	17-18	17-18	17-18	17-18	17-18
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
18/4	19/4	20/4	21/4	22/4	23/4
CR7 online	CR7 online	CR7 online	CR7 online	CR7 online	CR7 online
9-10	9-10	9-10	9-10	9-10	9-10
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
10-11	10-11	10-11	10-11	10-11	10-11
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
11-12	11-12	11-12	11-12	11-12	11-12
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
12-13	12-13	12-13	12-13	12-13	12-13
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
13-14	13-14	13-14	13-14	13-14	13-14
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
14-15	14-15	14-15	14-15	14-15	14-15
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
15-16	15-16	15-16	15-16	15-16	15-16
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
16-17	16-17	16-17	16-17	16-17	16-17
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab
17-18	17-18	17-18	17-18	17-18	17-18
PLC lab	PLC lab	PLC lab	PLC lab	PLC lab	PLC lab

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

 STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN (AUTONOMOUS), HYDERABAD DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING VIII-SEM B.E. MAJOR PROJECT-1 (PW 751EC): A.Y:2021-22 SECTION-2 LIST OF PROJECTS							
Ba tc h No	Roll Numbers	Name of the Students	Name of the Guide	Title	Domain	PO Mapping	PSO Mapping
B1	160618735090	MANUSHA	Mrs. T. Prasanna	Area and Power efficient Carry Select Adder	VLSI	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO12	PSO1,PSO2
	160618735089	KORLAPATI ANJANI NAIDU					
	160618735092	MARAGONI SARASWATHI					
B2	160618735099	PALLUR VENKATA SOWMYA	Mrs. Nirmala Golla	IR under water communication system	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO5,PO9,PO12	PSO1,PSO2
	160618735071	CHINTALA BHAVANI					
	160618735070	BOLLU AKHILA					
B3	160618735104	REDROUTHU SRAVANTHI	Mrs. V. Swetha	Automatic School Bus Management System	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO6,PO7,PO10,PO12	PSO1,PSO2
	160618735111	SOMARAJU PRAJWALA					
	160618735116	V. GAYATHRI					
B4	160618735113	SURIGINENI MANIDEEPA	A. Gopala Sharma	Implementation of aes algorithm for security applications	VLSI	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10,PO12	PSO1,PSO2
	160618735080	G. SRUJANA REDDY					
	160617735012	CHAKALI RAMADEVI					
B5	160618735075	E S SANSKRUTHI SRI	Mrs. Y. Latha	Biometric System Based Electronic Voting Machine Using	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO12	PSO1,PSO2
	160618735081	HUNDAKAR AFRA ZAREEN					
	160618735105	SALVERU UNNATHI					
B6	160618735118	YADAVALLI SANDHYA	Dr. G. Karthik	Automatic material handling in warehouse using robots	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO5	PSO1,PSO2
	160618735097	NAMPALLY MAHESHWARI					
	160618735064	ANJUMULA APARNA					
B7	160618735106	SETTI LEKHYA GAYATHRI	Mrs. M. Sri Lakshmi Ravali	Design and Analysis of FIFO Buffer of Noo Router using BIST	DSP	PO1,PO2,PO3,PO5,PO6,PO7,PO10,PO12	PSO1
	160618735102	RAVULA SANJANA REDDY					
	160618735085	K NAVITHA					
B8	160618735117	M. SUNNYTA	Ms. R. Aarshi	Vehicle accident alert system using microcontroller and	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO12	PSO1,PSO2
	160618735115	TUMUKUNTA PRATHYUSHA					
	160618735301	KATTA SANJANA					
B9	160618735101	PRAKHYA MAHALAKSHMI	Dr. K.N.Sahu	Numerical Analysis Based RF Wave Propagation using	MICROWAVE ENGG	PO1,PO2,PO3,PO7,PO12	PSO1,PSO2
	160618735120	G. S. SAMYUKTHA					
	160618735309	YERRABOTHU MOUNIKA					
B10	160618735072	D SRUJANA	Mrs. Udayini Chandana	Automatic irrigation system with notification using proteus 8	EMBEDDED SYSTEM	PO1,PO2,PO3,PO5,PO6,PO7,PO10,PO12	PSO1
	160618735303	MUCHINTALA ALEKHYA					
	160618735086	K PRYANKA					
B11	160618735062	IRIS	Dr. M. Kezia Joseph	Human detection robot	ROBOTICS	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO12	PSO1,PSO2
	160618735310	JANMALA KEZIAH					
	160618735094	MULA SAI PRASHANTHI					
B12	160618735112	SUJATA KUMARI	Mrs. C. V. Keerthi Latha	IOT BASED UNDERGROUND CABLE FAULT	IOT	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO11	PSO1
	160618735312	BANUPURI PRAGNA OLIVA					
	160618735312	BANUPURI PRAGNA OLIVA					

Ba tc h No	Roll Numbers	Name of the Students	Name of the Guide	Title	Domain	PO Mapping	PSO Mapping
B13	160618735088	KARIMILLA NIKHITHA	Mrs. K. Bramaramba	Automatic and Real-time Pothole Detection and Road Warning	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO12	PSO1,PSO2
	160618735069	BOGARI GOWRI SREE					
B14	160618735068	BIYYALA VINDHU	Mrs. T. Prasanna	BANK LOCKER SYSTEM USING GSM TECHNOLOGY	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO12	PSO1,PSO2
	160618735110	SHETAKSHI YADAV					
	160616735101	MOHAMMADI BEGUM					
B15	160618735098	P GNANESHWARI	Mr. Raghu N	IoT Based Smart BILLING AND DIRECTION CONTROLLED	IOT	PO1,PO2,PO3,PO5,PO6,PO7,PO9,PO12	PSO1,PSO2
	160618735093	MINUKURI PAVANI					
	160616735118	D. RINDHA RAO					
B16	160618735108	SHAIK GULFAM SUHELA	Mrs. R. Ramya Shree	Smart Security Solution for Women based on	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO6,PO9,PO10	PSO1,PSO2
	160618735074	DDNTHA CHANDANA					
	160618735091	MANGALI NANDINI					
B17	160618735084	JAGGANNAGARI AKANKSHA	Mrs. K. Bramaramba	Sign language recognition	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO5,PO9,PO12	PSO1,PSO2
	160617735062	ASRAGOUHER					
B18	160618735062	ANAGANI RATNA SREE	Mrs. T. Nagalaxmi	Vehicle Security System Through Face Recognition	EMBEDDED SYSTEM	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO12	PSO1,PSO2
	160618735065	B GAYATHRI DEVI					
	160617735066	BATTULA SANDEEPTHI					
B19	160618735066	BANDOTHU RAJYALAXMI	Mrs. V. Sudarshini Kataksham	OTP Based Smart Wireless Locking system using Arduino	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO6,PO9,PO10	PSO1,PSO2
	160618735107	SHAIK AYESHA					
	160617735070	LUHARIKA					
B20	160618735067	BILAKANTI SPANDANA	Mrs. G. Sherlin Shobhitha	IMAGE SEGREGATION USING CNN	IMAGE PROCESSING	PO1,PO3,PO10	PSO1
	160618735087	KANDUKURI SESA VAISHNAVI					
	160617735072	DASANLA MRIDULA					
B21	160618735063	ANGARI VAISHNAVI	Mrs. Neha J. V.	Smart wearable Bluetooth fitness tracker	COMMUNICATIONS	PO1,PO2,PO3,PO4,PO5,PO6,PO7	PSO1,PSO2
	160618735119	YATA NEHA					
	160617735088	KOPPULAPALLI RITHIKA					
B22	160618735061	A POUJA	Mrs. Ch. Sujaya Grace	Advanced vehicle detection and auto penalty collection at	IOT	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO12	PSO1,PSO2
	160618735109	SHAIK MEHNAZ JABEEN					
	160617735099	NIMMA NANDITHA					
B23	160618735078	GANJI CHARITHA	Dr. K. Prahald a Rao	Study of design of microstrip antenna with enhanced radiation characteristics	MICROWAVE ENGG	PO1,PO3,PO4,PO9	PSO1
	160618735079	GOVINDHARAM SOWJANYA					
	160617735314	T POUJITHA					
B24	160618735083	JYOGESHWARI BHAVANI DEVI	Dr. K. Prahald a Rao	Prediction of Diabetes using Machine Learning	MICROWAVE ENGG	PO1,PO2,PO3,PO4,PO5,PO9,PO12	PSO1,PSO2
	160618735103	RAYUDU SRI MYTHRI					

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

Mapped PO Justification

JUSTIFICATIONS			
EC-20DEC-1	1	Applying fundamentals of engineering sciences in semiconductor physics	
	2	Analyzing diode characteristics using diode circuit simulation	
	3	Designing and developing system components that meet specified needs	
	4	Interpretation of data and synthesis of information to provide valid conclusions on diode concepts	
	6	Using innovative solutions with reliability and efficiency requires sustainable creativity. Working with communities and	
	8	Designing devices which are useful to society	
	9	Understanding importance of electronic devices as a team work	
	12	Fundamentals of Electronic devices are life long learning	
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as Amplifiers and Regulators.	
	PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.	
	EC-20DEC-2	1	Applying fundamentals of engineering sciences in rectifiers
		2	Analyzing rectifier characteristics for calculation of efficiency
3		Designing and developing system components for specific applications	
4		Interpretation of data and synthesis of information to provide valid conclusions on diode concepts	
6		Power supplies are designed by engineers for society.	
7		Learning to design power supplies environment friendly and sustainable	
8		While designing circuits one should follow ethics.	
9		Designing of rectifier & filter circuits as teamwork.	
12		Electronic devices applications like rectifiers & filters are life long learning	
PSO1		Devices like PN diode and Zener diode are used in signal Processing as Amplifiers and Regulators.	
PSO2		Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.	
EC-40DEC-3		1	Applying fundamentals of engineering sciences in Transistors
	2	Analyzing Transistor characteristics to find out operating point	
	3	Designing and developing system components for specific applications	
	4	Interpretation of data and synthesis of information to provide valid conclusions on BJT techniques	
	6	Transistors are designed by engineers for society.	
	7	Learning to fabricate transistor environment friendly and sustainable	
	8	Designing of transistor biasing circuits as teamwork.	
	12	Electronic devices transistor biasing is life long learning	
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as Amplifiers, Regulators, Transistors and Regulators.	

EC-40DEC-4	PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.
	1	Applying fundamentals of engineering sciences in amplifiers
	2	Analyzing amplifier characteristics for calculation of h parameters
	3	Designing and developing system components for specific applications
	4	Interpretation of data and synthesis of information to provide valid conclusions on h parameter models.
	6	Apply reasoning of contextual knowledge to assess cultural issues and consequent responsibilities relevant to professional engineering practice
	8	In designing various types of amplifiers ethics to be followed.
	9	Designing of transistor amplifier circuits as teamwork.
	12	Recognize the need for ability to engage in life long learning in the broadest context of technological change.
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as Amplifiers, Regulators, Amplifiers and Regulators.
	PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.
	EC-40DEC-5	1
2		Analyzing amplifier characteristics for calculation of h parameters
3		Designing and developing system components for specific applications
4		Interpretation of data and synthesis of information to provide valid conclusions on h parameter models.
6		Apply reasoning of contextual knowledge to assess cultural issues and consequent responsibilities relevant to professional engineering practice
8		FET and MOSFET fabrication follows industry ethics.
9		Designing of FET and MOSFET amplifier circuits as teamwork.
12		Recognize the need for ability to engage in life long learning in the broadest context of technological change.
PSO1		Devices like PN diode and Zener diode are used in signal Processing as Amplifiers, Regulators, Amplifiers, FET and MOSFETs and Regulators.
PSO2		Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.

3

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering


**Stanley College of Engineering and Technology for Women
(AUTONOMOUS)**
Approved by DSWA Government
(Accredited by NAAC with 'A' Grade, Accredited by NBA
A-Grade Award, India, Hyderabad - 500 001)

SC/ETCE/2023

ALMANAC for the Academic Year 2022-2023 - B.E. IV Semester (AUTONOMOUS)

IV - Semester	
1. Commencement of Instruction	23 rd June, 2023
2. UOE (Internal Tests - I)	23 rd , 24 th & 25 th June, 2023
3. Instruction	19 th June, 2023 - 30 th June, 2023
4. Summer Vacation	01 st July, 2023 - 31 st July, 2023
5. Supplementary Examinations	29 th June, 2023 - 01 st July, 2023
6. Instruction	12 th June, 2023 - 24 th June, 2023
7. UOE (Internal Tests - II)	26 th , 27 th & 28 th June, 2023
8. UOE (Internal Tests - III) (Open)	30 th June, 2023, 01 st & 02 nd July, 2023
9. Last Date of Instruction	01 st July, 2023
10. Preparation and Practical Examinations	04 th July, 2023 - 10 th July, 2023
11. Submission of Assignments to Examiners	04 th July, 2023
12. Submission of CE/CO results to Examiners	08 th July, 2023
13. Commencement of Regular Theory Examinations (2023)	07 th July, 2023 - 30 th July, 2023
14. Commencement of V Semesters (2022 - 2023)	04 th Aug, 2023

Note: (1) Any additional papers desired by students and extra marks shall be arranged within 3 days after completion of respective CE examinations.
(2) Students have to bring the assignments during the Summer Examinations.


 Head of Institution
 Stanley College of Engineering and Technology for Women (Autonomous)

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS), Hyderabad - 500 001
(Approved by DSWA Government & Accredited by AICTE)
(All eligible UOE Courses are accredited by NBA & Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC COMMITTEE (AcC) MEETING
CIRCULAR

Ref. No.: SCUT/VOICE/AcC/2023/C-8 Date: 07-06-2023

The 8th meeting of the Departmental Academic Committee Members is convened on 07-06-2023, 2.00 P.M to discuss the following agenda points. You are requested to make it convenient and attend the same.

Venue: 285th Lab

Agenda

1. Academic 2022-24 V semester (Autonomous).
2. Preparation of Lesson plan, CIS for V semester.
3. Academic monitoring for V semester.
4. Scholar completion for V semester.
5. Internal Lab examinations VI semester.
6. Verification of course files 2022-23 of every semester.
7. Revision of CO-PO attainment analysis for Autonomous batch.
8. Implementation schemes for slow and fast learners.
9. Review of meetings-conduction of meetings and implementation of issues for the academic year 2022-24.
10. Any other matter.

Committee Members:

S. No.	Name of the Members	Position
1.	Dr. Satya Prasad Lakshmi	Special In-charge
2.	Dr. K. S. Sathya	In-charge
3.	Shri. J. Prasanna	Convener
4.	Dr. J. Karthik	Member
5.	Shri. J. Nagesh Kumar	Member
6.	Dr. Lakshmi Chaitanya	Member
7.	Ms. G. Nirmala (IQAC Member)	Member
8.	Ms. Y. Latha	Member

T. Prasad
Convener

Copies: 1. HOD ECE
2. All Members of AcC
3. IQAC

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS), Hyderabad – 500 001
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC COMMITTEE(AeC)

Ref. No.: SCETW/ECE-AeC/2023/MoM-8 Date: 07-08-2022

MINUTES OF MEETING

The meeting has been conducted as per the schedule and agenda circulated vide ref no.: SCETW/ECE-AeC/2022/Cir-8 dated 7th August 2023. The following agenda points were discussed.

Venue: DSP Lab

Agenda points discussed:

1. Almanac 2023-24 V semester (Autonomous)
2. Preparation of Lesson plan, CIS for V semester
3. Attendance monitoring for V semester
4. Syllabus completion for VI semester
5. External Lab examinations VI semester
6. Verification of course files 2022-23 (Even Semester)
7. Revision of CO-PO attainment analysis for 2021-2022 Autonomous Batch
8. Implementation schemes for slow and fast learners.
9. Review of conduction of meetings and implementation of issues for 2023-2024
10. Any other matter.

The attendees and points discussed are as mentioned below.

Attendees:

S. No	Name of the Members	Position
1	Dr. Satya Prasad Lanka	Special Invitee
2	Dr. Kedar Nath Sahu	Invitee
3	Mrs. T. Prasanna	Convener
4	Dr. G. Karthik	Member
5	Mrs. T. Nagalakshmi	Member
6	Dr. Udayini Chandana	Member
7	Mrs. G. Nirmala (IQAC)	Member
8	Mrs. Y. Latha	Member

Meeting Minutes:

1. The meeting has started by Mrs. T. Prasanna, Convener, AeC by welcoming all.
2. Dr. Satya Prasad Lanka, Principal discussed about starting of V semester and conduction of online meeting for OE-1 (OOP using JAVA and IAFM) selection with the students.
3. Institutional almanac is given and department academic calendar has to be prepared. Gaps in calendar to be filled by conducting workshops mapping them to PO and PSO.

Mrs. G. Nirmala proposed to have indoor and outdoor sports and Sports Day to be conducted on Aug 28, 2022.

Mrs. T. Prasanna, Convener AeC suggested for preparing Lesson Plan spanning over maximum 15 weeks for each course. The CIS and course plan are to be reviewed. The CO-PO attainment tool must be aligned in accordance with the autonomous scheme requirement.

Mrs. G. Nirmala is instructed to monitor the NPTEL register students for writing exam and to get the certificate.

Mrs. Y. Latha discussed about problems on syllabus coverage and suggested to take syllabus coverage from faculty in every 15 days.

It is decided to devise plans to identify the slow & fast learners and initiate action to improve the performance of slow learners.

Dr. Satya Prasad Lanka, Principal proposed to have attainment calculation hand book.

Dr. Kedar Nath Sahu, HoD ECE gave a ruling on solving of questions from previous GATE & CEI Examination question papers, as well as citation of the name & question number of the referred reference books in the class notes as well as assignments.

Dr. G. Karthik insisted on strict guidance monitoring V semester students.

Dr. Udayini Chandana proposed for verification of course files for 2022-2023 even semester.

Mrs. T. Prasanna insisted for all lab manual verification and correction by respective lab faculty member.

Mrs. Y. Latha insisted for procedure to evaluate class assessment marks 5M for autonomous.

Mrs. T. Nagalakshmi, M.E. Coordinator informed about ME syllabus changes and ISO.

Dr. Kedar Nath Sahu, HoD ECE suggested to conduct external academic committee meeting with stakeholders.

Dr. G. Karthik, requested for a new format for CO-PO attainment analysis for autonomous batch & three CIEs are conducted for them.

Dr. Satya Prasad Lanka, Principal suggested to divide the Academic Committee meetings: administrative and feedback meetings, and to include external members (Academics, Industrialists).

Dr. Satya Prasad Lanka suggested to have a DAC meeting and to have departmental external and

The meeting was concluded with vote of thanks delivered by Mrs. Dr. G. Karthik, Member, AeC

(Signature)
Convener

Ref to 1. HoD ECE with a request to circulate for information of all concerned.
2. All Members of AeC.

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & Accredited by NAAC with 'A' Grade)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEM: VI ECE-1 Date: 20/07/2023

S.NO	SUBJECT/LAB	TEACHER NAME	SYLLABUS COVERED BY TEACHER	NO. OF CLASSES TAKEN	SIGN	REMARKS
1	DC	Mrs. Swetha V	Unit-1,2,3,5 completed Unit-4 - 90% completed	48	[Signature]	
2	VLSI Design	Mrs. T. Nagalaxmi	Unit-1,2,3,4 completed Unit-5 - 80% completed	43	[Signature]	
3	DCCN	Mrs. G. Nirmala	Unit-1,2,3,5 completion 4 - 90% completion	44	[Signature]	
4	PE-I (DIVP)	Dr. Udayini Chandana	all 5-units are completed.	51	[Signature]	
5	PE-II (IOT)	Dr. Kezia Joseph M.	Unit-1,2,3,4 completed 5 - 70% completed	40	[Signature]	
6	OE-I (DBS)	Mrs. Vishalini Krishnan	all 5-unit & lab. completed.	39	[Signature]	
7	Communication Lab	Mrs. Swetha V/ Dr. Kezia Joseph M.	Batch-1 & 2 completed all The Experiment's	B1-24 B2-28	[Signature]	
8	DICD Lab	Mrs. T. Nagalaxmi/ Ms. G. Sherlin Shaobitha	12 programs done	36	[Signature]	
9	DCCN Lab	Mrs. G. Nirmala/ Mrs. C. V. Keerthi Latha	10 Experiments	28	[Signature]	

CLASS IN -CHARGE: Dr. Udayini Chandana [Signature]

HOD [Signature]

Sl. No.	NAME	Total No. of classes							CF LAB	Total	Percentage
		DSP	ADC	ACS	RTOS	JAVA	EME	DSP LAB			
36	160621735096 NIMRA MAHREEN	10	14	10	9	9	8	10	8	78	74
37	160621735097 PRAVALLIKA	8	13	9	8	4	6	4	6	58	65
38	160621735098 AMRUTHA	8	13	9	8	4	6	4	6	51	63
39	160621735099 PATAN SALMA	10	8	5	6	3	5	8	4	49	56
40	160621735100 NITHANSHU	4	8	6	5	3	7	6	4	44	64
41	160621735101 PISKE YOGITA	6	8	9	8	6	7	6	2	50	41
42	160621735102 LAVANYA	2	6	6	5	6	7	6	0	32	83
43	160621735103 VEDASREE	10	12	10	6	5	8	2	4	65	38
44	160621735104 KHAN	4	6	4	5	2	3	2	4	30	44
45	160621735105 SHAIK MADIHA	6	8	8	1	4	3	4	0	36	46
46	160621735106 SHRIYA BHAVANI	4	6	3	4	3	4	6	6	36	38
47	160621735107 VALLABH SHREYA	4	7	3	7	3	2	0	4	30	46
48	160621735108 WADIKI VYSHNAVI	10	11	6	4	7	4	4	0	36	78
49	160621735109 SHIVANI	6	9	10	7	6	5	8	4	61	75
50	160621735110 SAI SNEHA	0	2	8	6	6	6	6	4	51	65
51	160621735111 KUNTA ANJALI	8	8	7	2	4	2	0	0	12	15
52	160621735112 GOGURI SNEHA	8	12	8	5	4	8	8	4	52	67
53	160621735311 ASMA BEGAM	6	7	7	1	3	6	8	6	56	72
54	160621735312 JWESTA	10	10	10	7	4	1	4	0	30	38
55	160621735313 METTU RUSHITHA	8	11	9	4	6	5	8	0	56	72
56	160621735314 RAMYA	8	9	7	4	3	6	8	6	55	71
57	160621735315 ANUPATI THULASI	8	10	6	6	4	6	4	0	43	55
58	160621735316 LINGALA MANASA	6	9	5	5	4	6	4	4	48	62
59	160621735317 MARIYA FATIMA	6	11	7	6	3	3	4	4	43	55
60	160621735318 MEHREEN FATIMA	6	11	7	5	2	3	6	4	44	56
61	160621735319 MARIYAM BEGUM	6	6	7	1	2	1	4	0	27	35
62	160621735320 KAMPARAJU RANI	8	5	4	2	2	3	2	4	30	38
63	160621735321 DIKSHITHA	4	10	9	7	4	5	2	4	49	63
64	160621735322 YUKTHA	10	11	7	6	5	5	6	6	56	72
65	160621735323 CHAKALI LAXMI	6	6	2	3	2	5	6	4	32	41
66	160621735324 SHREYA	6	6	3	7	2	6	4	4	38	49
67	160621735325 SASYASWARNI	8	10	8	5	3	8	6	2	50	64
68	160621735326 NEERAJA YADAV	6	6	4	4	2	7	4	6	39	50
69	160621735327 RISHITHA	4	4	5	5	2	7	4	0	31	40
69	160621735328 CHALLA UMA RANI	1	4	0	6	5	3	2	6	27	35

Faculty Name: Mrs C V Keerthi Latha, Mrs Sudarshini, Mrs Y Latha, Dr K N Sahu/ Mrs C Harika, Mrs Sumayya Afreen, Mrs Latha Devi, Mrs C V Keerthi Latha, Mrs Sudarshini

HOD [Signature]

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

COURSE INFORMATION SHEET			
COURSE NAME: ELECTRONIC DEVICES AND CIRCUITS		COURSE CODE: SPC301EC	REGULATION: 2021-2 AY : 2022-
PROGRAM / YEAR / SEMESTER: BE / III SEM		CREDITS: 3	
COURSE TYPE: CORE		CONTACT HOURS: 3*1 (Tutorial) hours/Week.	
COURSE AREA/DOMAIN: VLSI		CORRESPONDING LAB COURSE NAME, CODE (IF ANY): Electronic Devices (SPC 311EC)	
PRE-REQUISITE COURSES/SEM/CODE (IF ANY) : ---			
SYLLABUS:			
UNIT	DETAILS	HOURS (LECTURE)	HC (TUT)
I	Basics of Semiconductors: Review of semiconductors and their properties, Poisson and continuity equations, Hall Effect, Fermi level in N-type and P-type semiconductors. Junction Diode: PN Junction formation, Characteristics, biasing-band diagram and current flow, Diode current equation, Diode as a circuit element, Small signal diode models, Diode switching characteristics, effect of temperature on diode Characteristics, Breakdown mechanisms in diodes, Zener Diode, Zener voltage regulator.	12	
II	PN Diode Applications: Half wave, Full wave and Bridge rectifiers - their operation, performance characteristics, and analysis; Filters L,C,LC and CLC filters, used in power supplies wit FWR and their ripple factor calculations, design of Rectifiers with and without Filters. Specials Diodes: Elementary treatment on the functioning of Light Emitting Diode, Photo diodes and solar cells.	10	
III	Bipolar Junction Transistor: Transistor Junction formation, Transistor biasing – band diagram for NPN and PNP transistors, current components and current flow in BJT, Early Effect, BJT V-I characteristics in CB, CE, CC configurations, BJT biasing techniques, operating point stabilization against temperature and device variations, Bias stabilization and compensation techniques.	10	
IV	Small Signal Transistors equivalent circuits: Small signal low frequency h-parameter model of BJT, Analysis of BJT amplifiers using exact and approximate model for CB, CE and CC configurations. Comparison of amplifier configurations.	7	
V	Junction Field Effect Transistors (JFET): JFET formation, operation & current flow, V-I characteristics of JFET, Low frequency small signal model of FETs, Analysis of CS amplifiers. MOSFETs: Enhancement & Depletion mode MOSFETs, current equation, V-I characteristics, MOS capacitor, MOSFET applications, SCR V-I Characteristics.	8	
TOTAL		47	
TEXT/REFERENCE/ADDITIONAL BOOKS:			
T/R	BOOK TITLE/AUTHORS/PUBLISHER		
T1	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> ,3 rd edition, McGrwHill education.		
T2	Robert Boylestad and Louis Nashelsky, <i>Electronic Devices and CircuitTheory</i> ,11 th ed ,Pearson India publications,2015		
T3	B.G. Streetman and S.K. Banerjee, <i>Solid State Electronic Devices</i> ,7 th edition,Pearson,2014		
R1	D. Neamen, D. Biswas , <i>Semiconductor physics and Devices</i> , McGraw –Hill education		
R2	S.M. Sze and K.N. Kwok. <i>Physics of semiconductor devices</i> . 3 rd edition, John Wiley 7 sons,2006		
R3	S Salivahanan,N Kumar,A Vallavaraj; <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.		
WEB SOURCE REFERENCES: (Detailed Topic link)			
W1	http://site.iugaza.edu.ps/mahir/files/2013/02/B-stad_CH_01.ppt		
W2	https://www.utdallas.edu/~/devices_class/EE3310_classnotes_f02_1.pdf		
COURSE OUTCOMES:			
SNO	DESCRIPTION	PO(1..12) MAPPING	PSO(MAP) PS
SPC301EC.1	Interpret the characteristics of diodes using models for analysis of various applications. (BLT 4 &5)	1,2,3,4,6,8,9, 12	PSO1, PS
SPC301EC.2	Compare performance characteristics of various filters. (BLT 5).	1,2,3,4,6,7,8,9,12	PSO1,PSO
SPC301EC.3	Disriminate the BJT configurations and design a stable biasing circuit ,(BLT 4 & 6)	1,2,3,4, 6,7,9, 12	PSO1,PSO
SPC301EC 4	Analyse and design BJT amplifiers. (BLT 4)	1,2,3, 4, 6, 8,9,12	PSO1,PSO
SPC301EC.5	Distinguish the operations of FETs & MOSFETs.(BLT 4)	1,2,3,4, 6,8,9,12	PSO1,PSO

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

COURSE OUTCOMES VS POs MAPPING (DETAILED, HIGH, 3, MEDIUM, 2, LOW, 1)

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO
SPC301EC-1	2	3	3	3	2	3	-	2	3	-	-	-	3
SPC301EC-2	2	3	3	3	2	2	2	1	3	-	-	-	2
SPC301EC-3	2	3	3	3	2	2	2	-	3	-	-	-	3
SPC301EC-4	3	2	3	3	2	2	-	1	3	-	-	-	2
SPC301EC-5	3	3	2	2	1	2	-	1	3	-	-	-	2,40
AVG	2.40	2.80	2.80	2.60	1.60	2.20	2.00	1.00	3.00	-	-	-	1.00

* For Entire Course, PO & PSO Mapping.
Note: Enter correlation levels 1, 2 or 3 as defined below: 1: Slight (Low) (High) If there is no correlation, put "-".

2: Moderate (Medium) 3: Substantial

POs & PSO REFERENCE:

PO1 Engineering Knowledge	PO6 Engineer & Society	PO11 Project Mgt. & Finance
PO2 Problem Analysis	PO7 Environment & Sustainability	PO12 Life Long Learning
PO3 Design & Development	PO8 Ethics	PSO1 Appertian to Communication in Automation Principles
PO4 Investigations	PO9 Individual & Team Work	PSO2 Adaptability to Productive Env
PO5 Modern Tools	PO10 Communication Skills	

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO
1					

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments - Projects

S.No	Description	CO	PO / PSO
1.	UJT construction and characteristics	SPC301EC-3	1,2,3,4,6,7,9,12 / 1,2

Web Link of the Course Material: Google Classroom, Big Blue Button and Moodle
Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners:
Weak: Classes conducted before the commencement of coursework to brush up the basics (based on the results in the previous semester) Advanced: Designing of circuits as mini projects

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/> REAL WORLD EXAMPLES	<input type="checkbox"/> COLLABORATIVE LEARNING	<input checked="" type="checkbox"/> QUALITY LAB EXPERIMENTS	<input type="checkbox"/> OBSERVATIONS RECORDED
<input type="checkbox"/> INDUSTRY INTERNSHIP	<input type="checkbox"/> SUMMER TRAINING	<input checked="" type="checkbox"/> EXPERT GUEST LECTURES	<input checked="" type="checkbox"/> PROJECTS
<input checked="" type="checkbox"/> USE OF ICT	<input type="checkbox"/> ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-DIRECT

<input checked="" type="checkbox"/> EXAM QUESTIONS	<input checked="" type="checkbox"/> TUTORIAL QUESTIONS	<input checked="" type="checkbox"/> ASSIGNMENTS	<input checked="" type="checkbox"/> LABORATORY PROJECT PRESENTATION
<input type="checkbox"/> PROJECT EVALUATION	<input type="checkbox"/> STUDENT ARTIFACTS	<input checked="" type="checkbox"/> ORAL EXAMS	
<input checked="" type="checkbox"/> INTERNALLY DEVELOPED EXAMS	<input type="checkbox"/> ANY OTHER (SPECIFY)		


ASSESSMENT METHODOLOGIES-INDIRECT

<input checked="" type="checkbox"/> STUDENT EXIT SURVEY	<input checked="" type="checkbox"/> CO-CURRICULAR ACTIVITIES	<input type="checkbox"/> EXTRA CURRICULAR ACTIVITIES
---	--	--

Prepared by
T.Prasanna

Approved by
(HOD, ECE)

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering



STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
(Affiliated to Osmania University & Approved by AICTE)
(All eligible UG Courses are accredited by NBA & NAAC with 'A' Grade)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LESSON PLAN

Electronic Devices and Circuits (SPC311EC)

Academic Year: 2022-2023
Class: B.E. (ECE) **Sem :** III

Semester End Examination (SEE): 60 Marks
Continuous Internal Evaluation (CIE): 40 Marks
No. of Instruction Periods (per week): 04

Name, Designation & Dept. of the Instructor: Mrs. T. Prasanna, Assistant Professor, Dept. of ECE

Course Purpose: Electronics Devices is a basic course which deals with construction, operation and characteristics of the devices. All the circuits are built with devices and application include Industrial, communications, embedded systems and VLSI fields.

Course Structure: This course comprises of five units.

Unit-1: Deals with semiconductor physics and semiconductor diode formation & biasing. Breakdown Mechanisms.

Unit-2: Deals with rectifier performance parameters & design of rectifiers and filters.

Unit-3: Deals with transistor formation, current components, biasing techniques and stabilization techniques.

Unit-4: Analysis of amplifier circuits for current gain, voltage gain, input impedance & output impedance with exact and approximate model.

Unit-5: Deals with JFET & MOSFET construction & operation. Amplifiers using FETs.

COURSE SCHEDULE

Class Hour	Week No.	Topics to be covered	Pedagogy (Online/Offline)	Text/Reference Book (s)
1	1	Basics of Semiconductors: Review of Quantum mechanics electronics in periodic lattices ,	Offline	Jacob Millman, Christos C. Halkias, and Satyatrata Jit. <i>Electronic Devices and Circuits</i> , 3 rd edition, McGraw-Hill education, 2010
2		E-K diagram, Energy bands in intrinsic and extrinsic Silicon.		
3		Carrier transport, diffusion current, drift current, mobility and resistivity ;		
4		Generation and recombination of carriers.		
5	2	Poisson and	Offline	Jacob Millman, Christos C. Halkias, and Satyatrata Jit. <i>Electronic Devices and Circuits</i> , 3 rd edition, McGraw-Hill education, 2010
6		continuity equation		
7		Junction Diode : PN Junction formation , Characteristics, biasing- band diagrams and current flow		
8		Diode current equation		

Page 1

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

9	3	Breakdown in diodes.	Offline	
10		Diode as a circuit element		
11		small signal diode models, Diode switching characteristics		
12		Zener Diodes Zener voltage regulator		
13	4	Tutorial-1	Offline	S Salivahanan, N Kumar, A Vallavaraj; <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.
14		PN Diode Applications: Power supply block diagram		
15		Half wave, operation, performance characteristics, and analysis;		
16	Full wave and operation, performance characteristics, and analysis			
17	5	Bridge rectifiers - their operation, performance characteristics, and analysis	Offline	
18		Filters -L		
19		Filters -C		
20		Filters -LC and CLC		
21	6	Comparison of filters	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
22		design of Rectifiers with Filters		
23		design of Rectifiers without Filters		
24	Tutorial-2			
25	7	Bipolar Junction Transistor : Transistor Junction formation	Offline	Jacob Millman, Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices and Circuits</i> , 3 rd edition, McGrawHill education, 2010
26		Transistor biasing-band diagram for NPN and PNP transistors		
27		current components and current flow in BJT,		
28		Modes of transistor operation,		
29	8	BJT V-I characteristics in CB, Early effect CE configuration	Offline Offline	S Salivahanan, N Kumar, A Vallavaraj; <i>Electronic Devices and Circuits</i> , Tata McGraw Hill, 4 th edition, 2008.
30		CC, BJT as an amplifier,		
31		BJT biasing techniques, Self bias		
32		Fixed and collector to base bias operating point stabilization		
33	8	against temperature and device variations	Offline	Christos C.Halkias, and Satyabrata Jit, <i>Electronic Devices</i>
34		Bias stabilization and		

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

35		compensation techniques.		
36		Tutorial-3		
37	9	Small Signal Transistors	Offline	and Circuits, 3 rd edition, McGrawHill education, 2010 Robert Erylestad and Louis Natselsky, Electronic Devices and Circuit Theory, 11 th ed Pearson India publications, 2015
38		equivalent circuits : Small signal low frequency h-parameter model of BJT,		
39		Small signal low frequency h-parameter model of BJT, Exact model, analysis of BJT amplifiers using approximate model for CE.		
40		Exact model, analysis of BJT		
41	11	amplifiers using approximate model for CB and CC.	Offline	
42		Approximate model, analysis of BJT amplifiers using approximate model for CB, CE and CC configurations;		
43		Comparison of amplifiers		
44		Junction Field Effect Transistors (JFET): JFET formation, operation & current flow		
45	12	V-I characteristics of JFET, Transconductance and drain current.	Offline	
46		Low frequency small signal model of FETs. Analysis of CS amplifier		
47		Tutorial-4		
48		MOSFETs: Enhancement & Depletion mode MOSFETs, Current equation, V-I characteristics		
49	13	Depletion mode MOSFETs, Current equation, V-I characteristics	Offline	
50		MOS capacitor, MOSFET Applications		
51		SCR VI characteristics.		
52		Tutorial -5		

Name & Signature of the Instructor: T. Prassanna

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

SYLLABUS COVERED				
Name of the Faculty: Mrs. V. Sudarshini, Haldobharam				
Year: Semester: VIII Branch: ECE Course: EC				
Periods	Date	Brief notes of the Topic covered	Initials of Faculty	
2	12/1/2022	Overview & History of Satellite Communication	VP	
2	12/1/2022	Space Law, Regulations for Earth Orbiting & Orbital elements	VP	
2	12/1/2022	Approach to perigee height and Perturbations	VP	
2	20/1/2022	Approach to a Near-Earth orbit with atmospheric drag	VP	
2	21/1/2022	Satellite a look angle, The polar Mount Antenna, Limits of visibility	VP	
2	27/1/2022	Class of geostationary orbits, Lines of sight of a satellite, Sun Transit	VP	
2	28/1/2022	Lawrence, orbits, atmospheric loss, Spheroidal effects, Rain attenuation	VP	
2	29/1/2022	Propagation Improvements Antenna Polarization, Selection criteria	VP	
2	1/2/2022	Class Polarization, Discrimination, Compliance, Dipole moments, Rain	VP	
2	6/2/2022	Die Dielectric Properties, Horn Antenna, The parabolic reflector, Offset	VP	
2	10/2/2022	feed, Double Reflector antennas	VP	
2	11/2/2022	Unit-III Power supply, attitude control, Spinners, satellite Stabilization	VP	
2	11/2/2022	Microprocessors, Micro Stations, Temp. Control, T & C Subsystems	VP	
2	24/2/2022	Telemetry, The antenna Subsystems	VP	
2	25/2/2022	Passive Only Trans Tx systems, Outgoing Unit, CEM Tx, Master antenna Tx	VP	
2	21/2/2022	Secondary antenna Tx system, To the Earth stations	VP	
2	1/3/2022	Unit-IV Equivalent Circuits, Antenna	VP	

SYLLABUS COVERED				
Name of the Faculty: Mrs. V. Sudarshini, Haldobharam				
Year: Semester: VIII Branch: ECE Course: EC				
Periods	Date	Brief notes of the Topic covered	Initials of Faculty	
2	2/3/2022	Background, ISM, Spread-spectrum, FDMA, CDMA	VP	
2	3/3/2022	Unit-5 Cellular, Spread, DS-SS, Mobile, Cellular, Station, Antennas	VP	
2	9/3/2022	Spread-spectrum, Radio, Spread, Coding, DSS, DS-SS, T	VP	
2	9/3/2022	Cellular, Mobile, services, VCD, Broadcast	VP	
2	10/3/2022	GPS, Galileo, Indicators	VP	

Date	Class Topic	Time	Class Topic	Time	Class Topic	Time	Class Topic	Time
Monday Date: 12/4	← CRT Outline →							
Tuesday Date: 13/4	9-10	(A)	10-11	(B)	1-30	PLC lab	3-30	
Wednesday Date: 14/4	Even/odd, Power/Sing signals	(A)	11-00	(B)	10-00	PLC lab	11-00	Even/odd, Power/Sing signals
Thursday Date: 15/4	← BR Ambedkar Jayanthi →		12-100	(B)	1-50	PLC lab	3-30	
Friday Date: 16/4	PLC Lab	(A)	1-30	(B)	1-30			
Saturday Date: 16/4	← Good Friday →		9-00	(B)	1-00			
	← Traditional Day Celebrations →							

Date	Class Topic	Time	Class Topic	Time	Class Topic	Time	Class Topic	Time
Monday Date: 18/4	← CR Outline →							
Tuesday Date: 19/4	9-10	(A)	10-11	(B)	1-30	PLC lab	3-30	
Wednesday Date: 20/4	System classification problems	(A)	11-00	(B)	1-00	PLC lab	11-00	Even/odd, Power/Sing signals
Thursday Date: 21/4	System Definition & Type representations	(A)	12-1	(B)	1-30	PLC lab	3-30	Vector analysis and signals
Friday Date: 22/4	PLC lab	(A)	11-1	(B)	1-30	System classification	3-30	Mean Square Error Calculations & problems
Saturday Date: 23/4		(A)	7-00	(B)	11-00			
						NIS Camp		

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering



STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
DEPARTMENT OF ECE
Project work-I Title and Domain SHEET(PW761EC)
B.E VII SEM AY 2022-2023

Name of the Incharge Faculty : Dr.G .Karthik

Batch No	Guide Name	Roll Numbers	Name of the Student	Titile of the Project	Domain	PO Mapping	PSO Mapping
C1	Dr. M Kezia Joseph	160619735139	YAMANA HARSHINI	Natural Image denoising and segmentation	Image Processing	PO 1,2,3,4,5,7,9,12	PSO 1,2
		160619735303	KEERTHI YASHASWI				
		160619735117	MIRYALA TANUJA				
C2	Mrs. K Bramaramba	160619735131	SAPE GNANA MEGHANA	disaster monitoring and management system for dams using IOT	Embedded Systems	PO 1,2,3,4,5,6,7,9,10	PSO 1,2
		160619735096	A SAI LAKSHMI				
		160619735125	PARVATHA DHANUSHA				
C3	Mrs. T Nagalaxmi	160619735118	MINI MEHRA	Night patrolling robot using IOT	Embedded Systems	PO 1,2,3,4,5,6	PSO 1,2
		160619735108	KAREDLA RAJESHWARI				
		160619735127	PERSIS CAROLINTE TI				
C4	Ms. Ashritha G	160619735307	GOLLAPALLY SRAVANI	Soblier health monitoring and position tracking system	Embedded Systems	PO 1,3,5,7,9,12	PSO 1,2
		160619735304	QUTUB AFSHAN				
		160619735136	SASANALA VYSHNAVI				
C5	Dr. K N Sahu	160619735302	VARSHASWI BASHABOIN	simulation for impact of dispensive medi on frm wave propagation using FDTD techniques	Microwave	PO 1,2,12	PSO 1,2
		160619735323	Y DEEPIKA				
		160619735138	VOLLOP SHRAVANI				
C6	Dr. Prahlada Rao	160619735137	THARRA DIVYA	controlling application using google assistant v2	Embedded Systems	PO 1,2,3,4,5,7,8,12	PSO 1,2
		160619735128	PERVALA ANVITHA				
		160619735140	KUNTA GAYATHRI				
C7	Ms. S.Divya	160619735104	G MOKSHITA	MEMS based security and home appliance control	IOT	PO 1,2,3,4,5,7,8,12	PSO 1,2
		160619735134	SUMMAIAH FAREED				
		160619735308	KANDURI VINITHA				
C8	Mrs. R Ramya Shree	160619735301	BASAVANI PAVITHRA	Bus identification system for visually imparied persons	Embedded Systems	PO 1,2,3,4,6,7,8	PSO 1,2
		160619735130	SANKURTHI BHARGAVI				
		160619735317	RENGETE RUCHITHA				
C9	Mrs. Srilakshmi Ravali M	160619735120	N LAKSHMI SHREYA	COVID protocol monitoring	Embedded Systems	PO 1,2,3,4,5,11,12	PSO 1,2
		160619735310	KANNEBOINA HARITHA				
		160619735318	BONTHALA DIVYA				

C10	Ms. S.Divya	160619735103	DOMALA SINDHU	IOT based smart agriculture monitoring system	IOT	PO 1,2,3,4,5,7,8,12	PSO 1,2
		160619735324	SATHI PATHI ADHILAKSHI				
		160619735321	KUDERGAZALA SOOFI				
C11	Mrs. G Nirmala	160619735110	KATIKELA SAINI HARIKA	Microcontroller based speaking microcontroller for deaf and dumb	Embedded Systems	PO 1,2,3,6,7,8	PSO 1,2
		160619735107	KANDALA BHUVANESHW				
		160619735135	SUVARNA KAPILA				
C12	Dr. K.Prahlada Rao	160619735129	RAVU MANASA	effects of slots on the performance of micro strip antenna and array	Signal Processing	PO 1,2,3,9	PSO 1,2
		160619735311	BONKURI ALEKHYA				
		160619735100	BELLAMKONDA AKSHAY				
C13	Mrs. V Sudarshini K	160619735133	SRIPADA SAI SRI VARNITH	security acces control using GPS GSM and RFID	Signal Processing	PO 1,2,3,4,5,6,7,8,12	PSO 1,2
		160619735320	KANAKAMBHATLA PADM				
		160619735105	GANJI SUSHMA				
C14	Dr. K.Padmavathi	160619735121	NARAM VARSHA	Colour based object sorting machine using IOT	IOT	PO 1,2,3,4,5,6	PSO 1,2
		160619735325	RAPAKA ASHA				
		160619735109	KATAKAM VAGDEVI				
C15	Mrs. C V Keerthi Latha	160619735312	DOODALA USHASREE	BCI For vechile control for automatic security	IOT	PO 1,2,3,4,5,6	PSO 1,2
		160619735322	THATIPALLY SHARANYA				
		160619735112	KOLA AARTHI				
C16	Mrs. Y.Latha	160619735123	PALAKURTHI SAHITHYA	vehicle turn alert system at hair pin bends in hilly areas	IOT	PO 1,2,3,4,5,6	PSO 1,2
		160619735314	K SABITHA				
		160619735113	KOMARAGIRI HARINI SRI				
C17	Mrs. G Sherlin Shobitha	160619735099	POPURI AISHWARYA	Audio frequency detetion	Signal Processing	PO 1,2,3,4,5,7,8,12	PSO 1,2
		160619735101	BOMMU ESHA YADAV				
		160619735114	KYATHAM VISHWASRI				
C18	Mrs. Sujaya Grace	160619735115	LIKITHA REDDY NALLA	An embedded solution for continous monitoring of cardiac patients	Signal Processing	PO 1,2,3,4,5,6,7,9,10	PSO 1,2
		160619735126	PEDDAMYATHARI ANUSH				
		160619735316	UNDRATHI ANJALI				
C19	Ms. R Aarti	160619735124	PALLI PRABHALIKA	smart farming using IOT for efficient crop growth	Embedded Systems	PO 1,2,3,4,5,6	PSO 1,2
		160619735313	PARIPELLI SREEJA				
		160619735315	SURYAVAMSHAM SWETH				
C20	Mrs. T Prasanna	160619735132	SETTIGARI KEERTHANA	Automatic vechile accident detection rescue system	Embedded Systems	PO 1,2,3,4,5,6	PSO 1,2
		160619735306	UYYALA ARUNJYOTHI				
		160619735119	MUNIGALA SNEHA				
C21	Dr. G.Karthik	160619735098	AFIFA SAMEEN	minor tracking safety system	Signal Processing	PO 1,2,3,5,12	PSO 1,2
		160619735309	SANYA SIDDIQUI				
C22	Mrs. Udayini Chandana	160619735097	A SOWMYA	Intelligent traffic control system for ambulance	Signal Processing	PO 1,3,4,5,6,7,8,12	PSO 1,2
		160619735319	ORSE SRAVANI				
		160619735111	KATTIRAMYA				
C23	Mrs. V Swetha	160619735102	DIKKALA SHARMI SREE	RF Controlled fire fighting robot with high pressure water sprinkles	Signal Processing	PO 1,2,3,5,7,9,12	PSO 1,2
		160619735305	PONUGOTI PAVANI				
		160619735106	GUDURU JASMINE				

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

**STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(AUTONOMOUS), HYDERABAD**
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
R.E. V Semester Mini Project & Industrial Visit (SPWS/EC) AY 2023-24

SECTION - A

S.No	Name of the Guide	Batch No.	Roll Numbers	Name of the Students	Title of the Mini Project	Signature of the Student
15	T. Prasanna	A-15	160621735056 160621735048 160621735076	VEENAMITHALAKA SAKSHI SUDHAKSHI SUDHAKSHI	IoT Heart Attack Detection and Heart Rate Monitor	[Signature]
16	Y. Latha	A-16	160621735060 160621735033 160621735040	SANDEEPY SURESH KIRITY MEDHALLY SARVANA DRA.S.MURUGAN	RFID based attendance system with SMS indication using GSM module	[Signature]
17	G. Ashritha	A-17	160621735064 160621735038 160621735041	SARATHI DEEPIKA SAMPALLY MANVIKSHA SARATHI DEEPIKA	Fire Fighting Robot using Arduino	[Signature]
18	C.Haika	A-18	160621735007 160621735015 160621735049	NATA SHEERVA NACE DIVYA RITIKA RADA SAREESH	Password based door locking system using PIC microcontroller	[Signature]
19	K. Bramaramba	A-19	160621735011 160621735005 160621735042	CHITRULA SUREJA NANDHY PREETHI L. BHARATHI SATHYASHRI	Smart Blind Stick	[Signature]
20	G. Nimata	A-20	160621735012 160621735048 160621735053	MAITHI MAHNOJA NEELPALE VARUNSA SARATHI SAHA	Automatic Street Light Controller using Arduino in Embedded System	[Signature]
21	V. Sudeeshita Kataksham	A-21	160621735026 160621735020 160621735057	SUDHAKSHI KURUPATHA SARASWATHI DEVA DOKLATHURATHA	Design and Implementation of Low Power consumption wireless sensor node	[Signature]
22	Dr. K. Padmayathi	A-22	160621735018 160621735039 160621735058	CHIRANGITHA SUDHAKSHI SUDHAKSHI	Fake currency detection using Image Processing	[Signature]
23	Dr. G. Karthik	A-23	160621735009 160621735005 160621735059	PREETHI K. BHARATHI K. BHARATHI	Analysis of Air Pollution using Advanced Data analysis techniques	[Signature]

PRC Committee :
 Faculty names with signatures
 1. Latha (Y. LATHA)
 2. [Signature] (R. Ramya Shree)
 3. [Signature] (K. Bramaramba)
 4. C.V. Keerthi, Latha (Coordinator)

COORDINATOR
 Dr. K. Padmayathi

CONVENERS (RPC)
 Dr. M. Karja Joseph
 Dr. G. Karthik

[Signature]
HOD, ECE
 Dr. K.N. Sahu

**STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(AUTONOMOUS), HYDERABAD**
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
R.E. V Semester Mini Project & Industrial Visit (SPWS/EC) AY 2023-24

SECTION - A

Date: 22/02/2024

S.No	Name of the Guide	Batch No.	Roll Numbers	Name of the Students	Title of the Mini Project	Signature of the Student
1	Dr. K. Padmayathi	A-1	160621735030 160621735046 160621735001	VEENAMITHALAKA SAKSHI SUDHAKSHI SUDHAKSHI	A Real Time based system recognition using machine learning image on communication between deaf and dumb people and normal people	[Signature]
2	R. Ramya Shree	A-2	160621735045 160621735032 160621735064	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Speech emotion recognition using SVM and MFCC	[Signature]
3	R. Anur	A-3	160621735042 160621735024 160621735021	PREETHI SUDHAKSHI SUDHAKSHI	Implementation of Acoustic Echo Cancelling using MATLAB and FFT Method for study of Echo Cancellation Characteristics	[Signature]
4	Dr. K.N. Sahu	A-4	160621735009 160621735047 160621735047	PREETHI SUDHAKSHI SUDHAKSHI	FFT Method for study of EM Wave Propagation Characteristics	[Signature]
5	Dr. K.N. Sahu	A-5	160621735017 160621735043 160621735016	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Simulation for study of Dispersion Reflection of Wave materials	[Signature]
6	G. Sudeeshita Shobitha	A-6	160621735027 160621735055 160621735012	K. BHARATHI SUDHAKSHI SUDHAKSHI	Modeling and comparison of double-throw relay contact time delay	[Signature]
7	T. Sudeeshita	A-7	160621735054 160621735006 160621735005	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Secure Entry - Building an Automated entry with Arduino	[Signature]
8	M. Karja Joseph	A-8	160621735021 160621735014 160621735014	PREETHI SUDHAKSHI SUDHAKSHI	Leaf disease detection and approximation	[Signature]
9	V. Sudeeshita	A-9	160621735022 160621735003 160621735023	SUDHAKSHI SUDHAKSHI SUDHAKSHI	PV Solar panel grid and battery voltage monitoring using PIC	[Signature]
10	Dr. K. Prabhakara Rao	A-10	160621735016 160621735028	SUDHAKSHI SUDHAKSHI	Design of E-plane and H-plane rectangular Wave	[Signature]
11	C.V. Keerthi Latha	A-11	160621735014 160621735022 160621735029	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Design and Implementation of Ultrasonic distance sensor using Arduino	[Signature]
12	Dheya Shobitha	A-12	160621735030 160621735030 160621735030	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Smart LPG gas level detection and safety system	[Signature]
13	Dr. Vidya Anandana	A-13	160621735037 160621735036 160621735031	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Digital Image Processing for the Identification of Corrosion in Metals	[Signature]
14	C.V. Keerthi Latha	A-14	160621735038 160621735037 160621735037	SUDHAKSHI SUDHAKSHI SUDHAKSHI	Design and Implementation of Wireless Safety Tracking System using Arduino IDE	[Signature]

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)
 (Affiliated to Osmania University & Approved by AICTE)
 (All eligible UG Courses are accredited by NBA & NAAC with "A" Grade)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
COURSE & PROGRAM OUTCOMES

ACADEMIC YEAR: 2022-23
 SUBJECT: ELECTRONIC DEVICES AND CIRCUITS
 COURSE CODE: SPC301EC
 SEMESTER: III SEM
 FACULTY NAME: T.PRASANNA
COURSE OUTCOMES:

SNO	DESCRIPTION	PO(I,12) MAPPING	PSO(I,2) MAPPING
SPC301EC.1	Interpret the characteristics of diodes using models for analysis of various applications.(BLT 4 & 5)	1,2,3,4,6,8,9,12	PSO1,PSO2
SPC301EC.2	Compare performance characteristics of various filters.(BLT 5)	1,2,3,4,6,7,8,9,12	PSO1,PSO2
SPC301EC.3	Discriminate the BJT configurations and design a stable biasing circuit.(BLT 4 & 6)	1,2,3,4, 6,7,8, 12	PSO1,PSO2
SPC301EC.4	Analyse and design BJT amplifiers.(BLT 4)	1,2,3, 4, 6, 8,9,12	PSO1,PSO2
SPC301EC.5	Distinguish the operations of FETs & MOSFETs.(BLT 4)	1,2,3,4, 6,8,9,12	PSO1,PSO2

COURSE OUTCOMES VS PO& MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1):

SNO	PO1	PO2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO1 1	PO1 2	PSO 1	PSO 2
SPC301EC.1	2	3	3	3	2	3	-	2	3	-	-	3	1	2
SPC301EC.2	2	3	3	2	1	2	2	1	3	-	-	1	3	3
SPC301EC.3	2	3	3	3	2	2	2	-	3	-	-	2	1	3
SPC301EC.4	3	2	3	3	2	2	-	1	3	-	-	2	1	3
SPC301EC.5	3	3	2	2	1	2	-	1	3	-	-	2	1	3

1


2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

Mapped PO Justification

CO	PO No	JUSTIFICATIONS
SPC301EC.1	1	Applying fundamentals of engineering sciences in semiconductor physics
	2	Analyzing diode characteristics using diode current equation
	3	Designing and developing system components that meet specified needs
	4	Interpretation of data and synthesis of information to provide valid conclusions on diode concepts
	6	Finding innovative solutions with reliability and efficiency requires considerable creativity. Working with communities and
	8	Designing devices which are useful to society
	9	Discussing importance of electronic devices as a team work
	12	Fundamentals of Electronic devices are life long learning
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as limiters and Regulators.
	PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.
SPC301EC.2	1	Applying fundamentals of engineering sciences in rectifiers
	2	Analyzing rectifier characteristics for calculation of efficiency
	3	Designing and developing system components for specific applications
	4	Interpretation of data and synthesis of information to provide valid conclusions on filter concepts
	6	Power supplies are designed by engineers for society.
	7	Learning to design power supplies environment friendly and sustainable
	8	While designing circuits one should follow ethics.
	9	Designing of rectifier & filters circuits as teamwork.
	12	Electronic devices applications like rectifiers & filters are life long learning
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as limiters, Rectifiers and Regulators.
PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits.	
PC301EC.3	1	Applying fundamentals of engineering sciences in Transistors
	2	Analyzing Transistor characteristics to find out operating point
	3	Designing and developing system components for specific applications
	4	Interpretation of data and synthesis of information to provide valid conclusions on Biasing techniques
	6	Transistors are designed by engineers for society.
	7	Learning to fabricate transistors environment friendly and sustainable
	9	Designing of transistor biasing circuits as teamwork
	12	Electronic devices transistor biasing is life long learning
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as limiters, Rectifiers, Transistors and Regulators.
	PSO2	Modern Technologies, like Multisim Software, Virtual labs etc can be used to design the circuits?

2.3.3 Describe the preparation adherence to Academic calendar and teaching plans by the institution
Department of Electronics and Communication Engineering

C301EC-4	1	Applying fundamentals of engineering sciences in amplifiers
	2	Analysing amplifier characteristics for calculation of h parameters
	3	Designing and developing system components for specific applications
	4	Interpretation of data and synthesis of information to provide valid conclusions on h parameter models
	6	Apply reasoning of contextual knowledge to assess cultural issues and consequent responsibilities relevant to professional engineering practice
	8	In designing various types of amplifiers ethics to be followed.
	9	Designing of transistor amplifier circuits as teamwork.
	12	Recognize the need for ability to engage in life long learning in the broadest context of technological change
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as limiters, Rectifiers, Amplifiers and Regulators.
	PSO2	Modern Technologies , like Multisim Software , Virtual labs etc can be used to design the circuits.
C301EC-5	1	Applying fundamentals of engineering sciences in FET amplifiers
	2	Analysing amplifier characteristics for calculation of h parameters
	3	Designing and developing system components for specific applications
	4	Interpretation of data and synthesis of information to provide valid conclusions on h parameter models
	6	Apply reasoning of contextual knowledge to assess cultural issues and consequent responsibilities relevant to professional engineering practice
	8	FET and MOSFET fabrication follows industry ethics.
	9	Designing of FET and MOSFET amplifier circuits as teamwork.
	12	Recognize the need for ability to engage in life long learning in the broadest context of technological change
	PSO1	Devices like PN diode and Zener diode are used in signal Processing as limiters, Rectifiers , Amplifiers, FET and MOSFETs and Regulators.
	PSO2	Modern Technologies , like Multisim Software , Virtual labs etc can be used to design the circuits.


 Faculty Signature

3

STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN

Department of Electrical and Electronics Engineering

2.3.3 Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution

- Copies of Academic calendar (both autonomous and OU batches)



Stanley College of Engineering and Technology for Women
(AUTONOMOUS)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
Chapel Road, Abids, Hyderabad - 500 601



Dt: 01 - 08 - 2022

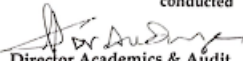
ALMANAC for the Academic year 2022-2023 - B.E. III Semester (AUTONOMOUS)


III - Semester		
1	Commencement of Instruction	22 nd Aug, 2022
2	CIE (Internal Test) - I	20 th , 21 st & 22 nd Oct, 2022
4	CIE (Internal Test) -II	9 th , 12 th & 13 th Dec, 2022
5	CIE (Internal Test) -III (Optional)	15 th , 16 th & 17 th Dec, 2022
6	Last Date of Instruction	17 th Dec, 2022
7	Preparation and Practical Examinations	19 th Dec, 2022 - 31 st Dec, 2022
8	Submission of Attendance to Exam Branch	18 th Dec, 2022
9	Submission of CIE marks to Exam Branch	27 th Dec, 2022
10	Commencement of Theory Examinations (SEE)	02 nd Jan 2023 - 11 th Jan, 2023
11	Semester Break*	12 th Jan, 2023 - 22 nd Jan, 2023
12	Commencement of IV Semester 2022 - 2023	23 rd Jan, 2023

Semester Break*: (1) Key to Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject.

(2) Students have to do Internships during the semester Break.

(3) During semester Break Supplementary Examinations will be conducted


Director Academics & Audit
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu

Copy to

All HODs, Library, Exams, Accounts, Office



STANLEY

UNIVERSITY
WELFARE, EDUCATION, KNOWLEDGE, SKILLS, RESPONSIBILITY, INTEGRITY, TEAMWORK, LEADERSHIP, INNOVATION, EXCELLENCE, SERVICE, SUSTAINABILITY, ETHICS, AND ENVIRONMENTAL RESPONSIBILITY

B.E I SEMESTER FOR THE ACADEMIC - CALENDER (2022-2023)

MONTH	DATE	DAY	EVENT
OCT - NOV(2022)	31-10-2022	Monday	Commencement of Instructions (Orientation Day)
	31-10-2022 to 5-11-2022	Monday to Saturday (1 Week)	Induction Program
	26-11-2022	Saturday	Freshers Day
DECEMBER (2022)	10/12/2022	Saturday	Outreach Program (Chem Dept)
	17-12-2022	Saturday	Competitions for Mathematics (Day) Maths dept
	22-12-2022	Thursday	Celebrations of Mathematics day
	23-12-2022	Friday	Christmas Celebrations
	31-12-2022	Saturday	New Year Celebrations
JANUARY (2023)	5-1-2023 to 7-1-2023	Thursday to Saturday	C I E- I
	12/1/2023	Thursday	Green Campus (Reuse Of Plastic) (Mech Dept)
	21-1-2023	Saturday	Out reach Program (Chem Dept)
FEBRUARY (2023)	4/2/2023	Saturday	Theater Club (English Dept)
	25-2-2023	Saturday	Competitions For Science Day (Phy Dept)
	28-2-2023	Tuesday	Science Day Celebrations (Phy Dept)
March (2023)	2-3-2023 to 4-3-2023	Thursday to Saturday	CIE- II
	5/3/2023	Tuesday	Holi Celebrations
	8-3-2023 to 10-3-2023	Wednesday to Friday	CIE-III
	10/3/2023	Friday	Last Date of Instructions
	10/3/2023	Friday	Submission of Attendance
	13-3-2023 to 24-3-2023	Monday to Friday (2Weeks)	Preparation of Practical and External Examinations
	20-3-2023	Monday	Submission Of CIE Marks
	25-3-2023 to 13-4-2023	Saturday to Thurs day (3Weeks)	Commencement of Theory Exams
APRIL (2023)	14-4-2023 to 19-4-2023	Friday to Wednesday (1 Week)	Semester Break
	26-4-2023	Thurs day	Commencement of 2nd Sem

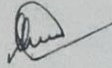
➤ Revised almanacs of OU



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE - I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE - II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023


DEPUTY REGISTRAR
(Academic)

Copy To all HOD's

4/7/2023



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE - I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE - II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

Copy To all HOD's

§

4/7/2023

DEPUTY REGISTRAR
(Academic)



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE – I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE – II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

Copy To all HOD's

§

4/7/2023

DEPUTY REGISTRAR
(Academic)



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE – I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE – II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

Copy To all HOD's

§

4/7/2023

DEPUTY REGISTRAR
(Academic)



OSMANIA UNIVERSITY,

Revised Almanac for the Academic year 2022- 2023 B.E (All Branches) IV, VI - Semesters
(For all Engineering Colleges Affiliated to Osmania University)

1	Commencement of Instruction in offline	13/03/2023
2	CIE (Internal Test) - I	17/04/2023 to 19/04/2023
3	Display of CIE - I marks on or before	19/04/2023
4	Summer vacation	08/05/2023 to 04/06/2023
5	CIE (Internal Test) - II	24/07/2023 to 26/07/2023
6	Display of CIE - II marks on or before	01/08/2023
7	Display of total Sessional Marks	05/08/2023
8	Submission of Sessional Marks & Attendance to O.U. Exam Branch	09/08/2023
9	Last Date of Instruction	11/08/2023
10	Preparation and Practical Examinations	12/08/2023 to 19/08/2023
11	Commencement of Theory Examinations	21/08/2023 to 11/09/2023
12	Commencement of Next Academic Year 2022-2023 (Tentative)	13/09/2023

DEPUTY REGISTRAR
(Academic)

Copy To all HOD's

§

4/7/2023

COURSE INFORMATION SHEET

COURSE NAME: MICROPROCESSORS AND MICROCONTROLLERS	COURSE CODE: PC423EE	REGULATION: AICTE (UG)
PROGRAM / YEAR / SEMESTER: B.E VI SEM	CREDITS: 3	AY: 2022 – 23
COURSE TYPE: CORE		
COURSE AREA/DOMAIN: MICROPROCESSORS	CONTACT HOURS: 3 HOURS/WEEK.	
CORRESPONDING LAB COURSE NAME, CODE (IF ANY): MICROPROCESSORS AND MICROCONTROLLERS LAB (PC462EE)		
PRE-REQUISITE COURSES/SEM/CODE: DIGITAL ELECTRONICS AND LOGIC DESIGN (PC410EE)		

SYLLABUS:

UNIT	DETAILS	HOURS (LECTURE)
I	UNIT I – Microprocessor Architecture of 8086 – Segmented memory, Addressing modes, Instruction set, Minimum and maximum mode operations.	12
II	UNIT II – Introduction to Programming Assembly language programming, Assembler directives, Simple programs using assembler, Strings, Procedures, Macros timing.	11
III	UNIT III – Interfacing to Microprocessor Memory and I/O interfacing, A/D and D/A interfacing, 8255(PPI), Programmable Internal Timer (8253), Keyboard and display interlace, Interrupts of 8086.	12
IV	UNIT IV – Microcontroller Architecture Types of Micro Controllers, 8051 MC – Architecture input/output pins, Ports and circuits, Internal and external memories, counters and timers, serial data input/output, Interrupts & timers.	11
V	UNIT V – Introduction to Programming Basic Assembly language programming, instruction cycle, Addressing modes, 8051 instruction set, Classification of instructions, Simple programs.	10
TOTAL		56

TEXT/REFERENCE/ADDITIONAL BOOKS:

T/R	BOOK TITLE/AUTHORS/PUBLISHER
T1	1. Douglas, V. Hall microprocessors and Interfacing- Tata McGraw Hill-Revised 2nd Edition, 2017.
T2	2. Kenneth. J. Ayala – The 8051 Microcontroller Architecture Programming and Applications”, Thomson publishers, 2nd Edition, 2007.
R1	3. Krishna Kant – microprocessors and Microcontrollers – Architecture, Programming and System Design 8085, 8086, 8051, 8096, Prentice-Hall india-2007.
R2	4. Waiter A. Triebel & Avtar Singh – The 8088 and 8086 Microprocessor – Pearson Publishers, 4th Edition, 2007.

WEB SOURCE REFERENCES: (Detailed Topic link)

UNIT I	W1	https://www.youtube.com/watch?v=XI2nWDcy0To
	W2	https://www.youtube.com/watch?v=DmwOSdwwZ3E
	W3	https://nptel.ac.in/courses/108103157
UNIT II	W1	https://www.youtube.com/watch?v=iROUX8eYU38&list=RDCMUC-AyILkoQSxTHN3zIThxg6w&index=2
	W2	https://nptel.ac.in/courses/108103157
UNIT III	W1	https://www.youtube.com/watch?v=gjq9fWku34U&list=RDCMUC-AyILkoQSxTHN3zIThxg6w&index=21
	W2	https://nptel.ac.in/courses/108103157
UNIT IV	W1	https://www.youtube.com/watch?v=nfq_WaPGb6o&list=RDCMUC-AyILkoQSxTHN3zIThxg6w&index=12
	W2	https://nptel.ac.in/courses/108105102
UNIT V	W1	https://www.youtube.com/watch?v=6Q362E3LIgo&list=RDCMUC-AyILkoQSxTHN3zIThxg6w&index=35
	W2	https://www.youtube.com/watch?v=3gl8RAEo40c&list=RDCMUC-AyILkoQSxTHN3zIThxg6w&index=21
	W3	https://nptel.ac.in/courses/108105102

COURSE OUTCOMES:

COURSE CODE	DESCRIPTION	PO (1 – 12) MAPPING	PSO (1, 2) MAPPING	BLOOMS TAXONOMY LEVEL
PC423EE.1	Acquire the knowledge of architecture of 8086	1,2,3,4,5,11,12	1,2	Understand (Level 2)
PC423EE.2	Understanding the writing of assembly language programming for different applications	1,2,3,4,5,11,12	1,2	Apply (Level 3)
PC423EE.3	Analyse the interfacing of 8086 to different applications	1,2,3,4,5,11,12	1,2	Analyze (Level 4)
PC423EE.4	Understanding the architecture of 8051	1,2,3,4,5,11,12	1,2	Apply (Level 3)
PC423EE.5	Analyse the coding of 8051 for different problems	1,2,3,4,5,11,12	1,2	Analyze (Level 4)

(Course outcomes Minimum 4 Maximum 6)

COURSE OUTCOMES VS POs MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1):

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PC423EE.1	2	2	2	1	2						1	1	2	1
PC423EE.2	2	3	1	1	1						1	2	3	1
PC423EE.3	2	2	2	1	2						1	2	2	2
PC423EE.4	3	2	2	1	2						1	2	3	2
PC423EE.5	3	2	2	1	1						2	2	3	1
AVG	2.4	2.2	1.8	1	1.6						1.2	1.8	2.6	1.4

* For Entire Course, PO & PSO Mapping

Note: Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

If there is no correlation, put “-”

POs & PSO REFERENCE:

PO1	Engineering Knowledge	PO6	Engineer & Society	PO11	Project Management & Finance
PO2	Problem Analysis	PO7	Environment & Sustainability	PO12	Life Long Learning
PO3	Design & Development	PO8	Ethics		
PO4	Investigations	PO9	Individual & Team Work	PSO1	Skilled Professional
PO5	Modern Tools	PO10	Communication Skills	PSO2	Research Capability

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1	8085 Architecture	Advise	NPTEL Lectures	1	1,2,3,4,11,12/1,2
2	Explanation about 80186, 80286, 80386, ...	Advise	NPTEL Lectures	2	1,2,3,4,11,12/1,2

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO/PSO
1	Differences between 8085, 8086 and latest computers	1	PO1,PO2,PO3,PSO1,PSO2
2	Writing a ALP to find out LCM and GCD of given numbers	2	PO1,PO2,PO3,PSO1,PSO2
3	Interfacing of stepper motor in both directions	3	PO1,PO2,PO3,PSO1,PSO2
4	Role of microcontroller in embedded systems	4	PO1,PO2,PO3,PSO1,PSO2
5	PIC Microcontroller programming	5	PO1,PO2,PO3,PSO1,PSO2

Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners: Multimedia Learning Process, Mind Map, Z to A approach, Lecture method & Interactive Learning, Project based learning, Computer assisted Learning, Smart Class Room.

INSTRUCTIONAL METHODOLOGIES:

REAL WORLD EXAMPLES	COLLABORATIVE LEARNING	QUALITY LAB EXPERIMENTS	OBSERVATIONS RECORDED
INDUSTRY INTERNSHIP	SUMMER TRAINING	EXPERT GUEST LECTURES	PROJECTS
USE OF ICT	ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-DIRECT

EXAM QUESTIONS	TUTORIAL QUESTIONS	ASSIGNMENTS	LABORATORY TESTS
PROJECT EVALUATION	STUDENT ARTIFACTS	ORAL EXAMS	PROJECT PRESENTATIONS
INTERNALLY DEVELOPED EXAMS	ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-INDIRECT

STUDENT EXIT SURVEY	CO-CURRICULAR ACTIVITIES	EXTRA CURRICULAR ACTIVITIES
---------------------	--------------------------	-----------------------------

Prepared by
(Dr. Nagasekhara Reddy Naguru)

Approved by
(HOD)
HEAD
Department of Electrical & Electronics Engineering,
Stanley College of Engg. & Tech. for Women
Chapel Road, Abids, Hyderabad

➤ Lesson plans

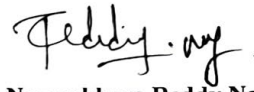
Department of Electrical & Electronics Engineering B.E VI Semester
Lesson Plan
Week Wise Break-up of Topics – (2022-2023)

Subject: Microprocessors and Microcontrollers
Course Schedule

Code: PC423EE

Faculty	Dr. Nagasekhara Reddy Naguru		
UNIT	Date	Topics to be covered	Reference(s)
I	13-03-23	Introduction to overall subject	<ul style="list-style-type: none"> • T1, T3 and T4 • Hand Written Notes
	14-03-23	Unit I – Introduction	
	15-03-23	Architecture of 8086 and PIN diagram of 8086	
	16-03-23		
	20-03-23	Segmented memory	
	21-03-23	Addressing modes	
	23-03-23	Instruction set	
	27-03-23		
	28-03-23	Minimum and maximum mode operations	
	29-03-23		
	03-04-23	Review of Unit I	
	04-04-23		
II	06-04-23	Unit II – Introduction	<ul style="list-style-type: none"> • T1, T3 and T4 • Hand Written Notes
	10-04-23	Assembly language programming	
	11-04-23		
	12-04-23	Assembler directives	
	13-04-23		
	17-04-23	Simple programs using assembler	
	18-04-23		
	19-04-23	Strings, Procedures	
	20-04-23		
	24-04-23	Macros timing	
	25-04-23	Review of Unit II	
	III	26-04-23	
27-04-23		Memory and I/O interfacing	
02-05-23			
CIE I – May 3 – 5, 2023			
Summer Vacation – May 08 – June 04, 2023			
III	05-06-23	A/D and D/A interfacing	<ul style="list-style-type: none"> • T1, T3 and T4 • Hand Written Notes
	06-06-23		
	07-06-23	8255(PPI)	
	08-06-23		
	12-06-23	Programmable Internal Timer (8253)	
	13-06-23	Keyboard and display interlace	
	14-06-23	Interrupts of 8086	
	15-06-23	Review of Unit III	
IV	19-06-23	Unit IV – Introduction	<ul style="list-style-type: none"> • T2 and T3 • Hand Written Notes
	20-06-23	Types of Micro Controllers	
	21-06-23	8051 MC – Architecture input/output pins	
	22-06-23		
	26-06-23	Ports and circuits	
	27-06-23	Internal and external memories	
28-06-23			

	03-07-23	counters and timers	
	04-07-23	serial data input/output	
	05-07-23	Interrupts & timers	
	06-07-23	Review of Unit IV	
V	10-07-23	Unit V – Introduction	
	11-07-23	Basic Assembly language programming	<ul style="list-style-type: none"> • T2 and T3 • Hand Written Notes
	12-07-23		
	13-07-23	Instruction cycle	
	18-07-23	Addressing modes	
	19-07-23	8051 Instruction set	
	20-07-23		
	24-07-23	Classification of instructions	
CIE II – July 25 – 28, 2023			
	31-07-23	Simple programs	
	Extra Class	Review of Unit V	



Dr. Nagasekhara Reddy Naguru
Associate Professor, Dept. of EEE

HEAD
Department of Electrical & Electronics Engineering
Stanley College of Engg. & Tech. for Women
Chapel Road, Abids, Hyderabad.

➤ Attendance register

SYLLABUS COVERED				
Name of the Faculty: Dr. Nagasekhara Reddy N				
Year: II		Semester: III		Course: B.Tech
Branch: EEE		Initials of Faculty		
Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty	
1	22/8/22	Total Introduction - ECA	Tebby.MJ	
1	24/8/22	Unit I - Introduction - Average, RMS value	Tebby.MJ	
2	25/8/22	Calculation of Power, RMS value etc.	Tebby.MJ	
1	27/8/22	Resonance - series Resonance	Tebby.MJ	
2	01/09/22	Parallel Resonance, Q-factor, B.W. etc.	Tebby.MJ	
1	05/09/22	problems on Resonance etc.	Tebby.MJ	
1	07/09/22	Three phase circuit Introduction	Tebby.MJ	
2	08/09/22	measurement of power, problems etc.	Tebby.MJ	
1	12/09/22	magnetic coupling	Tebby.MJ	
1	14/09/22	series & parallel magnetic coupling etc.	Tebby.MJ	
1	17/09/22	UNIT - II - Introduction - N/W Theorem	Tebby.MJ	
1	21/09/22	superposition Theorem - problems	Tebby.MJ	
2	22/09/22	Thevenin's & Norton's Theorems - problem	Tebby.MJ	
<p>passover vacation from 26/9/22 to 09/10/22</p>				
1	10/10/22	Thevenin's Theorem & Norton's Theorem	Tebby.MJ	
1	12/10/22	Problems on Theorems	Tebby.MJ	
1	15/10/22	maximum Power Transfer Theorem - DC circuit	Tebby.MJ	
1	17/10/22	maximum " " " : AC circuits	Tebby.MJ	
2	17/10/22	Reciprocity, Compensation Theorem & Dual networks	Tebby.MJ	
1	21/10/22	UNIT - III - Two port networks - Introduction	Tebby.MJ	
1	05/11/22	Impedance parameter & problems	Tebby.MJ	
1	07/11/22	Admittance Parameter & Calculation	Tebby.MJ	
1	11/11/22	h-Parameter & T-Parameter	Tebby.MJ	
1	14/11/22	Interrelation b/w Parameter	Tebby.MJ	
1	18/11/22	Inter connection of two port-N/Ws	Tebby.MJ	
1	19/11/22	problems - Interconnection	Tebby.MJ	
1	21/11/22	Driving point & Transfer function	Tebby.MJ	
1	21/11/22	Problems - Driving point & T/F	Tebby.MJ	
1	23/11/22	UNIT - IV - Introduction	Tebby.MJ	
1	25/11/22	Laplace analysis & circuit with & without conditions	Tebby.MJ	
2	28/11/22	LE - MID I Exam.	Tebby.MJ	
1	02/12/22	Problems on Different I/P signals	Tebby.MJ	
1	03/12/22	Conduction Integrated	Tebby.MJ	

SYLLABUS COVERED				
Name of the Faculty: Dr. Nagasekhara Reddy N				
Year: II		Semester: III		Course: B.Tech
Branch: EEE		Initials of Faculty		
Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty	
1	05/12/22	Initial & final value Theorem	Tebby.MJ	
1	06/12/22	UNIT - III - Introduction, RL charging	Tebby.MJ	
1	09/12/22	RL Discharging, with initial charge	Tebby.MJ	
1	15/12/22	RC charging & Discharging - with initial	Tebby.MJ	
1	17/12/22	RLC series & parallel circuit	Tebby.MJ	
1	17/12/22	Problems on RL & RC circuit	Tebby.MJ	
<p>Tebby.MJ 17/12/22</p>				

Stanley College of Engineering & Technology for Women			Year III Semester VI						
S. No.	Roll Number	Name	MONTH	03	03	03	03	03	03
			DATE	13	16	20	21	21	27
			Lecture No	1	2	3	4	5	6
1	1606-20-73-4001	Akanksha Goud A		A	A	A	A	A	A
2		Aditi Jaiswal		1	A	2	3	4	5
3		Aishwarya M		A	A	1	2	3	4
4		Akeefa mahvish		1	A	2	3	4	5
5		A spandana		A	1	2	3	4	A
6		B maheshwari		A	A	A	A	A	A
7		B Pravallika		A	A	A	A	A	1
8		B Priyanka		A	1	2	3	4	5
9		B Likhitha		A	A	A	1	2	3
10		D sahwika		A	A	A	A	A	A
11		D SaiSree		A	1	2	3	4	5
12		K Sanjana		A	1	A	2	3	4
13		K H N S Lakshmi		A	A	1	2	3	A
14		K Anusha		A	1	2	A	A	A
15		m sahwika		A	A	1	2	3	4
16		P swathi		A	A	A	A	A	A
17		R Uma Devi		A	1	2	3	4	5
18		Saadiah Tameem		A	A	A	A	A	1
19		S Radhika		A	A	1	2	3	4
20		Sadia Begum		1	2	3	A	A	4
21		S Pallavi		A	1	2	A	A	A
22		Tejavath Shasi		A	A	1	2	3	A
23		Mekala Mamisha		A	1	A	A	A	A
24	1606-20-73-4301	Suddala Athila		A	1	2	A	A	3
25		S Durga Sri		A	A	1	2	3	4
26		D Ashriitha		A	1	2	3	4	5
27		K Sai Manogna		A	A	A	A	A	1
28		P Yamini		A	1	2	3	4	5
29		Budde Alekhya		A	A	1	2	3	4
30		Y Niharika		A	A	1	2	3	4
31		O Nandini		A	A	1	2	3	4
32		K Roopa Jashna		A	A	A	A	A	1
33									

03	03	03	03	04	04	04	04	04
27	28	29	31	03	03	04	04	10
7	8	9	10	11	12	13	14	15
A	A	A	A	A	A	A	A	A
6	7	8	A	9	10	11	12	A
5	6	7	A	8	9	10	11	12
6	7	A	A	8	9	10	11	A
A	5	6	7	8	9	10	11	12
A	A	A	A	1	2	3	4	5
2	A	A	3	4	5	6	7	A
6	7	8	9	10	11	12	13	A
4	A	A	5	6	7	8	9	A
A	1	2	3	4	5	6	7	A
6	7	8	9	10	11	12	13	14
5	6	A	7	8	9	10	11	12
A	4	5	A	6	7	8	9	10
A	3	4	5	6	7	8	9	10
5	6	7	8	9	10	11	12	A
A	A	A	A	A	A	A	A	A
6	7	8	9	10	11	12	13	14
2	A	3	A	A	4	5	6	A
5	6	A	7	8	9	10	11	12
5	6	7	8	9	10	11	12	13
A	3	4	5	6	7	8	9	A
A	A	A	4	5	6	7	8	A
A	2	3	4	A	A	A	A	A
4	5	6	7	8	9	10	11	12
5	A	6	7	8	9	A	A	A
6	7	8	9	10	11	12	13	14
2	3	4	5	6	7	8	9	A
6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	A
5	6	7	8	9	10	11	12	A
5	6	7	A	8	9	10	11	12
2	3	4	A	5	6	7	A	A

Stanley College of Engineering & Technology for Women							Year ... II	Semester ... III	
S. No.	Roll Number	Class Test-I (25m)	Class Test-II (25m)	Average (25m)	Quiz (5m)	CA/Assignment		Total (40m)	
						5m	5m		
1	1606-21-73-4001	19	20	20	3	5	5	33	
2		2	07	07	08	3	3	2	16
3		3	14	14	14	2	5	5	26
4		4	11	14	13	3	3	5	24
5		5	23	25	24	4	4	5	37
6		6	20	25	23	4	4	5	36
7		7	08	16	12	3	4	5	24
8		8	22	25	24	4	4	5	37
9	1606-21-73-4301	25	25	25	5	5	5	40	
10	302	21	25	23	3	4	5	35	
11	303	16	23	20	3	4	5	32	
12	304	22	25	24	4	4	5	37	
13	305	11	23	17	2	5	5	29	
14	306	16	17	17	3	5	5	30	
15	307	10	20	15	3	5	5	28	
16	308	14	18	16	3	5	5	29	
17	309	19	22	21	3	4	5	33	
18	310	10	19	15	4	3	5	27	
19	311	08	13	11	3	4	5	23	
20	312	22	24	23	3	4	5	35	
21									
22									
23									
24									
25									
26									
27									
28									

Febby. 27
27/2/22

CO - PO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	2	1	2						1	1	2	1		
CO2	2	3	1	1	1						1	2	3	1		
CO3	2	2	2	1	2						1	2	2	2		
CO4	3	2	2	1	2						1	2	3	2		
CO5	3	2	2	1	1						2	2	3	1		
Total	2.4	2.2	1.8	1	1.6						1.2	1.8	2.6	1.4		

Course out comes :

- 1 obtain steady-state response of electrical circuit.
- 2 Apply network theorems for the analysis of electrical circuit.
- 3 Analyse solution of first & second order RL, RC and RLC networks.
- 4 Apply Laplace transforms for electrical circuit.
- 5 Analyse the behaviour of two port networks.

Summary

➤ OU Teaching Diary

Monday	Class: 3 rd yrs	Time: 9:10-11	Class: GATE	Time: 10:10-11	Class: 1 st yrs	Time: 1:30-4:15	Class: Preparation of	Time: 1:30-4:15	Class: NOTES	Time: 1:30-4:15
28/8/23	EMI class - Expression for torque of dynamometer		GATE class		AIML Introduction - lab		Preparation of		NOTES	
Tuesday	Class: 3 rd yrs	Time: 10-11	Class: GATE	Time: 10-11	Class: 3 rd yrs	Time: 2:10-3	Class: criteria	Time: 2:10-3	Class: work of 3 & 4	Time: 2:10-3
29/8/23	GATE class		GATE class		Due to heavy Rain - HOLIDAY		criteria		work of 3 & 4	
Wednesday	Class: 3 rd yrs	Time: 10:30-11	Class: GATE	Time: 10:30-11	Class: 3 rd yrs	Time: 11-12	Class: Attendance	Time: 11-12	Class: Register updation	Time: 11-12
30/8/23	GATE class		GATE class		Class preparation		Attendance		Register updation	
Thursday	Class: 3 rd yrs	Time: 10:30-11	Class: criteria work	Time: 10:30-11	Class: 3 rd yrs	Time: 11:30-4:30	Class: RAKSHA BANDHAN	Time: 11:30-4:30	Class: HALF DAY HOLIDAY	Time: 11:30-4:30
31/8/23	criteria work		criteria work		1 st yrs 9 to 10		RAKSHA BANDHAN		HALF DAY HOLIDAY	
Friday	Class: 3 rd yrs	Time: 9 to 10	Class: Extension ranges of dynamometer	Time: 9 to 10	Class: 3 rd yrs	Time: 11 to 12	Class: EMI lab	Time: 11 to 12	Class: EMI lab	Time: 11 to 12
01/9/23	Extension ranges of dynamometer		Extension ranges of dynamometer		1 st yrs 9 to 10		EMI lab		EMI lab	
Saturday	Class: 3 rd yrs	Time: 9:30-11:45	Class: Mid Invigilation	Time: 9:30-11:45	Class: 3 rd yrs	Time: 2 to 4	Class: Checked the	Time: 2 to 4	Class: AIML - FEEE lab experiments	Time: 2 to 4
02/9/23	Mid Invigilation		Mid Invigilation		1 st yrs 9 to 10		Checked the		AIML - FEEE lab experiments	

Signature of the Teacher

Signature of the Incharge / Head of the Department

Signature of the Teacher

Signature of the Incharge / Head of the Department

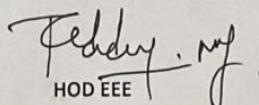
➤ Major Project 2022-2023

Stanley College of Engineering & Technology for Women (Autonomous)

List of Projects for the Academic Year 2022-23
Department of Electrical & Electronics Engineering

Date: 25-05-2023

BATCH NO	ROLL NUMBER	INTERNAL GUIDE	PROJECT TITLE	PLACE OF WORK	DATE & DAY	TIME
1	160619734037	Dr. Nagashekara Reddy Naguru	A study on sensorless speed and position estimation algorithm for doubly fed induction machine in wind energy applications	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734019					
	160619734027					
	160619734015					
2	160619734002	Dr. A. S. Sreelatha	Integration of Wind-Driven DFIG, DG, and Solar PV in a Microgrid for Fuel Consumption Optimization	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734011					
	160619734024					
3	160619734301	Mr. S. Suman	Autonomous power control and management between Standalone DC Microgrids	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734303					
	160619734009					
4	160619734302	Mrs. B. Pallavi	Smart Iot Based Energy Meter Monitoring With Overload Protection	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734031					
	160619734021					
5	160619734033	Ms. B.Vijaya Lakshmi	Design of PMSG based Wind Energy Conversion System using MPPT for Maximum power extraction and its control	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734029					
	160619734039					
6	160619734311	Mrs. S. Sneha	Design of automatic switching and solar powered plant watering system using IOT	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734035					
	160619734310					
7	160619734004	Ms. Shayeera Naaz	Power Quality Improvement in Utility Interactive Based AC-DC Converter using Harmonic Current Injection Technique and Fuzzy Logic Controller	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734038					
	160619734017					
8	160619734020	Ms.Namrata Sampath	CASCADED H-BRIDGE MULTILEVEL INVERTER FED INDUCTION MOTOR	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734022					
	160619734036					
9	160619734012	Ms. M. Shruthi Rao	Hybrid power generation using solar and wind energy	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	9:00 – 12:00PM
	160619734305					
	160619734016					
10	160619734030	Ms. M. Kalpana	Power Quality Improvement by using Shunt Hybrid Active Power Filter and Back Propagation	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734306					
	160619734304					
11	160619734308	Dr.Nagashekara Reddy Naguru	Grid Synchronization of Wind-Driven based Doubly Fed Induction Generator using Linear techniques	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734025					
	160619734013					
12	160619734003	Dr. A. S. Sreelatha	Design and Techno-Economic Analysis of Stand-Alone Solar Powered Water Purification System in an Autonomous Educational Institute in India	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734007					
	160619734014					
13	160619734034	Mr. S. Suman	Smart Helmet Using IOT	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734010					
	160619734032					
14	160619734008	Ms. B. Pallavi	A Portable Energy Harvesting device from Human Knee	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734023					
	160619734018					
15	160619734307	Ms. B.Vijaya Lakshmi	Solar Based E-Uniform for Soldiers Used for Temperature Control	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734006					
	160619734309					
16	160619734028	Mrs. S. Sneha	Pedal Power Generation	Stanley College of Engineering and Technology For Women	25/5/2023 Thursday	12:00PM-3:00PM
	160619734005					
	160619734026					


HOD EEE

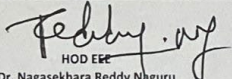
Dr. Nagasekhara Reddy Naguru

HEAD
Department of Electrical & Electronics Engineering
Stanley College of Engg. & Tech. for Women
Chapel Road, Abids, Hyderabad.

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
LIST OF PROJECTS 2021-22
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S No	BATCH NO	ROLL NUMBER	INTERNAL GUIDE	PROJECT TITLE	PLACE OF WORK	DATE & DAY	TIME
1	1	160618734001	Dr.Nagashekar Reddy Naguru	IOT Water Pollution Monitor RC boat	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734033					
		160618734034					
2	2	160618734031	Dr.A.S. Sreelatha	IOT Based smart farming system using sensors for agriculture task automation	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734034					
		160618734047					
3	3	160618734044	Ms.Shayeeera Naaz	IOT based energy meter reading system with Automatic billing	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734307					
		160618734305					
4	4	160618734003	S.Suman	IOT CONTACTLESS DOOR BELL	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734014					
		160618734039					
		160618734309					
5	5	160618734041	S.Suman	IOT Based SMART BLIND STICK	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734032					
		160618734303					
6	6	160618734035	Ms.M.Shruthi	IOT Alcohol and Health Monitoring System	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734015					
		160618734026					
7	7	160618734036	S.Suman	Direct High-Speed Charging of Electrical Cars by Solar panel	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	9:00 – 12:00PM
		160618734018					
		160618734025					
8	8	160618734011	Ms.Namrata	Solar powered E-Vechiclecharging station using IOT	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734037					
		160618734306					
9	9	160618734007	B.Vijaya Lakshmi	ELECTRIC BICYCLE WITH SOLAR PANELS	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160617734023					
		160618734022					
10	10	160618734023	Sidra Begum	Gas level Detection Automatic Booking Using IOT	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734301					
		160618734002					
11	11	160618734302	Ms.Shayeeera Naaz	IOT based Toll Gate Manager System	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734312					
		160618734045					
12	12	160618734004	Dr.Nagashekar Reddy Naguru	IOT Based 3-Phase Power Failure Monitoring With SMS Alerts	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734008					
		160618734043					
13	13	160618734021	Dr.A.S. Sreelatha	Solar Power Design And Implementation For a Small Boom With Fan And A Light Bulb	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734005					
		160618734016					
14	14	160618734012	Sidra Begum	IOT COVID TEST BOOTH	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	12:00PM-3:00PM
		160618734028					

					FUI WORKSHEET		
15	15	160618734310	Dr. A.S. Sreelatha	IOT Based Manhole Detection and Monitoring System	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734010					
		160618734013					
16	16	160618734042	Dr. Nagashekar Reddy Naguru	IOT Mining Tracking & Worker Safety Helmet	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734046					
		160618734038					
		160617734310					
17	17	160618734029	Ms. M. Shruthi	Building a sustainable feature using smart street lights	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734009					
		160618734019					
		160617734014					
18	18	160617734024	Ms. Namrata	SMART MICRO GRIDS Modelling And Power Flow Analysis Of A DC Micro Grid For On-Grid And Weak-Grid Connected Communities	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734024					
		160617734027					
19	19	160618734027	Ms. M. Shruthi	smart solar PV monitoring system using IOT	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734030					
		160617734008					
20	20	160618734040	B. Vijaya Lakshmi	ELECTRIC BICYCLE WITH SOLAR PANELS	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734020					
		160617734007					
21	21	160618734017	Dr. A.S. Sreelatha	Home Automation using IOT	Stanley College of Engineering and Technology For Women	6/6/2022 Monday	3:00PM-6:00PM
		160618734006					
		160617734040					


 HOD EEE
 Dr. Nagasekhara Reddy Naguru

HEAD
 Department of Electrical & Electronics Engineering
 Stanley College of Engg. & Tech. for Women
 Chapel Road, Abids, Hyderabad.

Copies of Academic calendar (both autonomous and OU batches)



Stanley College of Engineering and Technology for Women
(AUTONOMOUS)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
Chapel Road, Abids, Hyderabad – 500 001



Dt: 28-10-2023

ALMANAC for the Academic year 2022-2023 – MBA I Semester
Autonomous

I - Semester		
1	Orientation and Commencement of Instruction	31-10-2022
2	CIE (Internal Test) - I	22- 12 – 2022 to 24- 12 - 2022
3	CIE (Internal Test) -II & Assessment of Case studies/Group Discussion	13 – 02 – 2023 to 15 – 02 - 2023
4	CIE -3 (Optional)	16– 02 – 2023 to 17 – 02 - 2023
5	Last Date of Instruction	17-02- 2023
6	Preparation holidays	18-02-2023 to 22-02-2023
7	Submission of Attendance to Exam Branch	17– 02 - 2023
8	Submission of CIE marks to Exam Branch	20– 02- 2023
9	Commencement of Theory Examinations	23-02-2023 to 03– 03 – 2023
10	IT Lab Examination	06– 03 – 2023
11	Commencement of next Semester	08-03-2023

Note: Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject

Dr A Kanaka Durga
Director Academics *By Audit*

Dr A Vinaya Babu
Dean Academics

CC: Principal office/MBA HOD/Library/Exam branch/Accounts/TPO



Dr. A. VINAYA BABU
CHAIRPERSON
Internal Quality Assurance Cell (IQAC)
Stanley College of Engineering & Technology for Women
Chapel Road, Abids, Hyderabad



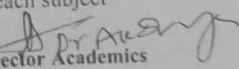
Stanley College of Engineering and Technology for Women
(AUTONOMOUS)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
Chapel Road, Abids, Hyderabad - 500 001

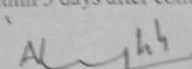


ALMANAC for the Academic year 2021-2022 – MBA I & II Semesters (AUTONOMOUS)

I - Semester		
1	Orientation day	6-12-2021
2	Commencement of Instruction	7-12-2021
3	CIE (Internal Test) - I	24- 01 - 2022 to 25- 01 - 2022
4	CIE (Internal Test) -II & Assessment of Case studies/Group Discussion	14 - 03 - 2022 to 16 - 03 - 2022
5	Last Date of Instruction	16-03- 2022
6	Preparation holidays & CIE -3 (Optional)	17 - 03 - 2022 to 23 - 03 - 2022
7	Submission of Attendance to Exam Branch	17- 03 - 2022
8	Submission of CIE marks to Exam Branch	29 - 03 - 2022
9	Commencement of Theory Examinations	24- 03 - 2022 to 01 - 04 - 2022
10	Computer Practical Examination	03-04-2022
II - Semester		
1	Commencement of Instruction	04- 04 - 2022
2	CIE (Internal Test) - I -(3 units)	30 - 05 - 2022 to 31 - 05 - 2022
3	CIE (Internal Test) -II -(2 units)& Assessment of Case studies and Group Discussion	11 - 07 - 2022 to 13- 07 - 2022
4	Last Date of Instruction	13- 07 - 2022
5	Preparation holidays & Mini project Evaluation & CIE-3(Optional)	14- 07 - 2022 to 18 - 07 - 2022
6	Submission of Attendance to Exam Branch	14 - 07 - 2022
7	Submission of CIE marks to Exam Branch	23- 07 - 2022
8	Commencement of Theory Examinations	19 - 07 - 2022 to 28- 07 - 2022
9	Commencement of Next Academic Year 2022 - 2023	29 - 07 - 2022

Note: Internal papers should be discussed and marks should be displayed within 3 days after completion of each subject


Director Academics
Dr A Kanaka Durga


Dean Academics
Dr A Vinaya Babu



OSMANIA UNIVERSITY
HYDERABAD - 500 007

Dated: 21-01-2021

No. 50 /Stat./Acad/2021

To

All the Principals of Colleges under the jurisdiction
of Osmania University offering MBA course.

Sub:- Almanac of MBA Regular (Day & Evening) I & II semester for the
academic year 2020-2021 - Approval - Communicated - Reg.

Ref:- Letter No151/DFM/OU/2021, dated:07-01-2021 from the Dean,
Faculty of Management, OU.

Sir/Madam,

I am desired to communicate the approval of the University for the following Almanac of
MBA Regular (Day & Evening) I & II semester for the academic year 2020-2021:

I Semester

1	Commencement of Classes	04-01-2021
2.	I Internal Assessment Test	02-03-2021 & 03-03-2021
3.	II Internal Assessment Test	16-04-2021 & 17-04-2021
5.	Last date of Instruction	30-04-2021
6.	Preparatory Holidays	01-05-2021 to 10-05-2021
7.	Commencement of Examinations	11-05-2021
8.	Summer vacation	01-05-2021 to 31-05-2021

II Semester

1	Commencement of Classes	01-06-2021
2.	I Internal Assessment Test	04-08-2021 & 05-08-2021
3.	II Internal Assessment Test	16-08-2021 & 17-09-2021
5.	Last date of Instruction	23-09-2021
6.	Preparatory Holidays	24-09-2021 to 04-10-2021
7.	Commencement of Examinations	05-10-2021

Note: The Heads of the Institutions/Departments may review the syllabus covered on monthly basis
and take remedial measures if required for completion of syllabus on time.

Kindly acknowledge receipt.

Wishy
(Signature)
27/1/2021

Yours Sincerely,

(Signature)
DEPUTY REGISTRAR
(Academic)

Copy to:-

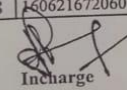
1. The Dean, Faculty of Management, OU.
2. The Director, (Infrastructure), OU - with a request to place this on the University Web site.
3. The Director, Directorate of Academic Audit, OU.
4. The Director, Directorate of Admissions, OU.
5. The Director, University Foreign Relations Office, OU.
6. The Director, PG Colleges at Districts, OU.
7. The Head, Department of Business Management, OU.
8. The Chairman, Board of Studies in Business Management, OU.
9. The Controller of Examinations, OU.
10. The Addl. Controller of Examinations (Professional/Confidential), OU.
11. The P.A. to Registrar/Officer on Special Duty to V.C., OU.


Monthly class attendance

Stanley College of Engineering and Technology for Women(Autonomous)
MBA Iyear II semester (2021-22) Attendance from 4th April to 13th July 2022

SNo	Roll No.	Name	HRM	FM	BRM	IB	STM	RM	Mini Project	IB/STM	IB/RM	PERCENTAGE
		Total no. of classes	60	50	60	55	55	55	20	300	300	
1	160621672001	A SAI SWETHA	53	43	52	47		45	17		257	86
2	160621672002	AFFIA SULTANA	46	40	40	50	50		19	245		82
3	160621672003	AKIFAH MOHAMMED BASITH	50	42	50	46		45	10		243	81
4	160621672004	AMBATI VAISHNAVI	40	38	40	42	42		10	212		71
5	160621672005	AMULA GOWTHAMI	50	45	50	50	50		12	257		86
6	160621672006	ANAM FATHIMA	48	45	50	45	43		10	241		80
7	160621672007	ANKAM LAKSHMI PRIYA	50	45	50	51	51		15	262		87
8	160621672008	ARUGONDA RUKMINI	50	48	55	52	52		18	275		92
9	160621672009	B MALVIKA	50	48	53	52	52		17	272		91
10	160621672010	B TEEKSHANA	50	46	50	42		42	12		242	81
11	160621672011	BANDELA RAMESH DEVIKA	50	40	50	46	43		15	244		81
12	160621672012	BASUDE SONIA	50	38	46	51		43	17		245	82
13	160621672013	CHENNAGALLA KEERTHANA	50	42	50	50	50		17	259		86
14	160621672014	DEEPIKA RANI	49	38	48	46		41	17		239	80
15	160621672015	FARAH RAHEEM UNNISA	50	42	50	42	43		12	239		80
16	160621672016	FARWA FATIMA	52	43	53	42	42		13	245		82
17	160621672017	G P GOWTHAMI	45	39	48	44	47		15	238		79
18	160621672018	GADDAM NAVYA	44	45	45	48	45		17	244		81
19	160621672019	GOLLAPELLI SOWMYA SREE	44	35	46	45	47		16	233		78
20	160621672020	GUGELA BABITHA	41	41	44	48	49		15	238		79
21	160621672021	HUSNA TAJALLI BINTH	50	45	52	45		45	15		252	84
22	160621672022	JEEDI DIVYA	49	45	50	48	43		17	252		84
23	160621672023	BATHINI PRAPOORNA	42	36	42	40	40		15	215		72
24	160621672024	KANDADA HARI PRIYA	45	40	50	50		40	15		240	80
25	160621672025	KHUSBOO SHARMA	42	37	38	43	44		17	221		74
26	160621672026	KIRITHI NANJAWODE	49	43	48	45		40	10		235	78
27	160621672027	KUNA SHANTHI PRIYA	48	30	49	50	46		16	239		80
28	160621672028	MADABOINA MANI DEEPIKA	40	38	40	40		40	15		213	71
29	160621672029	MADDULA MADULIKA	47	42	42	45		43	15		234	78
30	160621672031	MAJEED RUKHSAAR	40	39	39	40	40		14	212		71

SNo	Roll No.	Name	HRM	FM	BRM	IB	STM	RM	Mini Project	IB/STM	IB/RM	PERCENTAGE
		Total no. of classes	60	50	60	55	55	55	20	300	300	
31	160621672032	MAMTA KARBARI	48	40	51	52		37	17		245	82
32	160621672033	MANASA GANAPATHY SIVAMA	45	45	48	41		40	15		234	78
33	160621672034	MANVAR KRUPALI	49	45	44	49		34	17		238	79
34	160621672035	MARYAM FATIMA	48	45	50	45	48		10	246		82
35	160621672036	MOHAMMADI SADIYA FATIMA	38	35	39	38		35	16		201	67
36	160621672037	MOLUGU VAISHNAVI	56	46	56	50	50		17	275		92
37	160621672039	NARALA VARSHITHA	49	38	47	45		47	15		241	80
38	160621672040	NARAMSHETTI SARIKA	50	46	47	50	44		15	252		84
39	160621672041	NASHWA MUHAB	41	37	40	39		39	12		208	69
40	160621672042	NATHI MANJULA	49	41	41	43	42		15	231		77
41	160621672043	NAYEEMAUNNISA	50	45	50	48		45	15		253	84
42	160621672044	NETHAVATH BHARATHI	48	42	48	45	44		16	243		81
43	160621672045	P NAGA MAHA LAXMI	49	45	48	40	40		14	236		79
44	160621672046	PULAGAM SRI RESHEKHA	52	46	55	53	52		18	276		92
45	160621672047	RADHA TIWARI	48	34	46	43	45		17	233		78
46	160621672048	S VINAYA	46	45	44	45	43		16	239		80
47	160621672049	SADIA FATIMA	50	45	52	45		45	13		250	83
48	160621672050	SANA FATIMA	49	48	50	48	48		15	258		86
49	160621672051	SANIYA BEGUM	49	48	49	45	40		14	245		82
50	160621672052	SHAYESTA MOIZ	40	39	43	38		38	13		211	70
51	160621672053	SHEZAAN MUSKAN	41	38	40	38	38		13	208		69
52	160621672054	SYEDA ZEBI QUADRI	43	42	45	42		43	18		233	78
53	160621672055	TAISEEN FATIMA	50	45	49	47	45		18	254		85
54	160621672056	THAKUR AKSHATA SINGH	51	47	57	53		55	18		281	94
55	160621672057	NAZNEEN KHAN	39	38	40	39		38	15		209	70
56	160621672058	NARRA SHRAVANI	38	36	39	38	38		15	204		68
57	160621672059	NADA ZAHOOOR	40	35	41	40	40		10	206		69
58	160621672060	TERALA VAISHNAVI	44	36	47	46	45		15	233		78

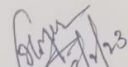
 Incharge

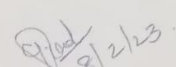
 HoB

Stanley College of Engineering and Technology for Women(Autonomous)
MBA I yr I Sem Attendance for the A.Y. 2022-23 from 1st November to 8th February 2023

SNo	Roll No.	Name	MOB		AFM		MM		BC		BLE		ME		Computer Lab		Total	Percentage	
			%	%	%	%	%	%	%	%	%	%	%	%					
Total no. of Classes			72		73		65		60		40		65		20		40	226	64
1	160622672001	A Deekshitha	43	60	46	63	44	68	35	58			50	77	8	40	226	64	
2	160622672002	Afra Tabassum	62	86	67	92	60	92	56	93			60	92	10	50	315	89	
3	160622672003	Aiila Joshna Goud	46	64	51	70	46	71	40	67			51	78	0	30	240	68	
4	160622672004	Alakunta Vani	38	53	40	55	33	51	28	47			51	78	0	20	190	54	
5	160622672005	Aliya Roshan	39	54	41	56	40	62	29	48			51	78	4	20	204	57	
6	160622672006	Arjumand Abdul Wahab	55	76	60	82	51	78	50	83			56	86	10	50	282	79	
7	160622672007	Ayesha Anam	41	57	45	62	40	62	38	63			53	82	4	20	221	62	
8	160622672008	Bacharanda Harshitha	19	26	15	21	23	35	20	33			45	69	0	0	122	34	
9	160622672009	Bandla Ushaswini	50	69	55	75	49	75	45	75			52	80	8	40	259	73	
10	160622672010	Dasoju Manisha	55	76	60	82	47	72	51	85			60	92	12	60	285	80	
11	160622672011	G Shreya	56	78	58	79	56	86	53	88			57	88	10	50	290	82	
12	160622672012	Garikapati Sampoorma	54	75	57	78	48	74	49	82	30	75			12	60	250	76	
13	160622672013	Gazula Fairy Blessina	57	79	59	81	58	89	49	82	33	83			8	40	264	80	
14	160622672014	Geedy Sukhjeevan Rani	59	82	63	86	51	78	54	90	30	75			12	60	269	82	
15	160622672015	Gona Mary	53	74	53	73	53	82	48	80			58	89	8	40	273	86	
16	160622672016	Hajera Ansari	61	85	61	84	58	89	55	92			60	92	12	60	307	91	
17	160622672017	Hanisha Thakur	48	67	50	68	47	72	39	65	11	28			8	40	309	87	
18	160622672018	Juveria Samreen	64	89	65	89	58	89	50	83			59	91	13	65	309	87	
19	160622672019	K. Darshini	13	18	13	18	12	18	15	25			44	68	0	40	257	72	
20	160622672020	K. Darshini	53	74	50	68	49	75	44	73			53	82	8	40	243	68	
21	160622672021	Katta Pragathi	51	71	48	66	39	60	40	67			56	86	9	45	278	78	
22	160622672022	Kokku Pooja Kailash	57	79	56	77	52	80	44	73			60	92	10	50	302	85	
23	160622672023	Kundanapu Pravalika	59	82	62	85	57	88	54	90			58	89	9	45	280	79	
24	160622672024	Kushi Toshaniwal	53	74	59	81	51	78	50	83			59	91	12	60	317	89	
25	160622672025	M. Aishwarya	65	90	64	88	59	91	58	97			55	85	8	40	237	67	
26	160622672026	M. Jayashree	48	67	43	59	42	65	41	68			53	82	6	30	265	75	
27	160622672027	M. Nandini Reddy	54	75	60	82	48	74	44	73			56	86	12	60	308	87	
28	160622672028	M. Vidyathi	64	89	65	89	56	86	55	92	12	30			6	30	188	57	
29	160622672029	Maliba Afreen	46	64	47	64	37	57	40	67			54	83	12	60	292	82	
30	160622672030	Manne Apoorva	58	81	59	81	57	88	52	87			57	88	12	60	274	77	
31	160622672031	Motai Indira	54	75	55	75	49	75	47	78			57	88	9	45	269	76	
32	160622672032	Muna Sayeed	54	75	53	73	51	78	45	75			55	85	7	35	267	75	
33	160622672033	Nagadhara Geeta	51	71	54	74	52	80	48	80	12	30			7	35	197	60	
34	160622672034	Nallamasu Kamya Sri	43	60	53	73	42	65	40	67			56	86	10	50	281	79	
35	160622672035	Namerna Tarunum	57	79	56	77	50	77	52	87			55	85	8	40	244	69	
36	160622672037	Nenavathi Akshaya	54	75	48	66	38	58	41	68									
37	160622672038	Pajari Bhavani																	

SNo	Roll No.	Name	MOB		AFM		MM		BC		BLE		ME		Computer Lab		Total	Percentage	
			%	%	%	%	%	%	%	%	%	%							
Total no. of Classes			72		73		65		60				59		20		35	260	73
37	160622672038	Pagilla Pravalika	56	78	50	68	43	66	49	82			55	85	7	35	260	73	
38	160622672039	Pambha Srideepthi	2	3	2	3	2	3	2	3			1	2	0	0	9	3	
39	160622672040	Pandala Neha	52	72	59	81	54	83	49	82			57	88	12	60	283	80	
40	160622672041	Parike Sai Poojitha	55	76	53	73	48	74	51	85	26	65			12	60	245	74	
41	160622672042	Polapalli Sirisha	52	72	48	66	48	74	53	88			54	83	10	50	265	75	
42	160622672043	Ponnaluri Anu Priya	63	88	63	86	57	88	53	88	35	88			12	60	260	79	
43	160622672044	Radhika G	57	79	56	77	52	80	51	85	32	80			12	60	260	79	
44	160622672045	Sai Kirthana Rana	47	65	49	67	44	68	44	73			58	89	8	40	250	70	
45	160622672046	Salma Firdous	40	56	45	62	41	63	35	58			52	80	7	35	264	74	
46	160622672047	Samiksha Varma	53	74	59	81	46	71	47	78			59	91	9	45	303	85	
47	160622672048	Samreen	62	86	64	88	54	83	55	92			50	77	7	35	244	69	
48	160622672049	Sandupatla Vineela	51	71	49	67	44	68	43	72			45	69	6	30	199	56	
49	160622672050	Shivarathi Rajeshwari	32	44	26	36	31	48	59	98			52	80	8	40	223	63	
50	160622672051	Shivareddypally Vaishnavi	41	57	40	55	39	60	43	72			52	80	12	60	300	85	
51	160622672052	Tanzeel	60	83	63	86	52	80	53	88			60	92	12	60	300	85	
52	160622672053	Vadinala Ravali	50	69	49	67	46	71	49	82			52	80	7	35	253	71	
53	160622672054	Vemu Jahnavi	60	83	63	86	52	80	53	88			52	80	7	35	253	71	
54	160622672055	Waheeda Khatoon	50	69	49	67	46	71	49	82			56	86	12	60	283	80	
55	160622672056	Yasmeen Begum	61	85	63	86	56	86	55	92			61	94	12	60	333	94	
56	160622672057	Kallem Akansha Reddy	43	60	45	62	40	62	38	63	11	28			6	30	227	64	
57	160622672058	Aqsa Ahmedi	45	63	40	55	46	71	38	63			52	80	6	30	184	56	
58	160622672059	K. Sushma	52	72	58	79	50	77	49	82			49	75	12	60	270	76	
59	160622672060	Sana Fathima	61	85	63	86	56	86	55	92			58	89	12	60	305	86	
60	160622672061	Darigala Sowmya	52	72	58	79	50	77	49	82			45	69	0	0	126	35	
61	160622672062	A. Geethika	13	18	10	14	39	60	19	32					8	40	214	65	
62	160622672063	Musheerah Ferdous Saniya	44	61	53	73	36	55	42	70	31	78			0	0	0	0	
63	160622672064	Rida Unnisa	0	0	0	0	0	0	0	0			52	80	7	35	216	61	

In-Charge

 8/2/23

HOD

 8/2/23

CIS (Sample filled copy)

COURSE INFORMATION SHEET

COURSE NAME: Finance and Accounting	COURSE CODE: HS105CM	REGULATION: 2020-21
PROGRAM / YEAR / SEMESTER: II/IV	CREDITS: 70+30 (CREDITS 3)	
COURSE TYPE: CORE		
COURSE AREA/DOMAIN: Accounting, Financial Management	CONTACT HOURS: 3 hours/Week.	
CORRESPONDING LAB COURSE NAME, CODE (IF ANY): NA		
PRE-REQUISITE COURSES/SEM/CODE (IF ANY): NA		

SYLLABUS:

UNIT	DETAILS	HOURS (LECTURE)	HOURS (TUTORIAL)
I	Basics of Accounting: Financial Accounting-Definition- Accounting Cycle – Journal - Ledger and Trial Balance-Cash Book-Bank Reconciliation Statement (including Problems)	10	
II	Final Accounts: Trading Account-Concept of Gross Profit- Profit and Loss Account-Concept of Net Profit Balance Sheet (including problems with minor adjustments)	8	
III	Financial System and Markets: Financial System-Components-Role-Considerations of the investors and issuers- Role of Financial Intermediaries. Financial Markets-Players- Regulators and instruments - Money Markets Credit Market- Capital Market (Basics only)	7	
IV	Basics of Capital Budgeting techniques: Time Value of money- Compounding- Discounting- Future Value of single and multiple flows- Present Value of single and multiple Flows- Present Value of annuities Financial Appraisal of Projects– Payback Period, ARR- NPV, Benefit Cost Ratio, IRR (simple ratios).	10	
V	Financial statement Analysis: Financial Statement Analysis-Importance-Users-Ratio Analysis- liquidity, solvency, turnover and profitability ratios.	8	
	TOTAL	43	

TEXT/REFERENCE/ADDITIONAL BOOKS:

T/R	BOOK TITLE/AUTHORS/PUBLISHER
T1	Satyanarayana. S.V. and Satish. D., Finance and Accounting for Engineering, Pearson Education
T2	M Kasi Reddy and S Saraswathi, "Managerial Economics And Financial Accounting"
R1	Sharma.S.K. and Rachan Sareen, Financial Management, Sultan Chand
R2	Sharan, Fundamentals of Financial Management, Pearson Education
R3	Rajasekharan, Financial Accounting, Pearson Education

WEB SOURCE REFERENCES: (Detailed Topic link)

W1	http://libguides.alfaisal.edu/mba513
W2	https://www.kashflow.com/bookkeeping/double-entry-bookkeeping/
W3	https://www.edupristine.com/blog/capital-budgeting-techniques

COURSE OUTCOMES:

SNO	DESCRIPTION	PO(1..12) MAPPING	PSO(1..3) MAPPING
HS105CM.1	Evaluate the financial performance of the business unit. (evaluate,BLT5)	PO2, PO5, PO8,PO12	PSO1
HS105CM.2	Take decisions on selection of projects. (Create,BLT 1)	PO2, PO5, PO12	PSO1
HS105CM.3	Take decisions on procurement of finances. (Create,BLT 1)	PO3, PO6,PO12	PSO1

HS10SCM .4	Analyze the liquidity, solvency and profitability of the business unit.(analyze,BLT 4)	PO1,PO2,PO5, PO11, PO12	PSO1, PSO2
HS10SCM .5	Evaluate the overall financial functioning of an enterprise. (evaluate,BLT 5)	PO1,PO2,PO5, PO11, PO12	PSO1

(Course outcomes Minimum 4 Maximum 6)

COURSE OUTCOMES VS POs MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1):

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
HS 105 CM.1		2			2			2				2		3
HS 105 CM.2		2			2							2		2
HS 105 CM.3			2			2						2		3
HS 105 CM.4	2	2			2					2	2	2	3	2
HS 105 CM.5	2	2			2					2	2	2	3	
AVG	2.00	2.00	2.00		2.00	2.00		2.00		2.00	2.00	2.00	3.00	2.00

* For Entire Course, PO & PSO Mapping

Note: Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

If there is no correlation, put "-."

POs & PSO REFERENCE:

PO1	Apply Engineering Knowledge	PO6	Engineer & Society	PO11	Project Mgt. & Finance
PO2	Problem Analysis	PO7	Environment & Sustainability	PO12	Life Long Learning
PO3	Design & Development	PO8	Ethics	PSO1	Skilled Professional
PO4	Investigations of Complex problems	PO9	Individual & Team Work	PSO2	Research Capability
PO5	Modern Tools	PO10	Communication Skills	PSO3

GAPS IN THE SYLLABUS - TO MEET COs, POs & PSOs:

SNO	GAP	PROPOSED ACTIONS	PROPOSED RESOURCE	CO	PO / PSO
1	Unit IV before taking up ARR depreciation, depreciation is not there in the syllabus	Giving basics before topic is covered	Faculty	CO4	PO6,PSO1

TOPICS BEYOND SYLLABUS: Additional course material / learning material / Lab Experiments / Projects

S.No	Description	CO	PO / PSO
1	Topics to meet the Course Outcome in addition to syllabus	CO5	PO2,PSO1

Web Link of the Course Material: <http://libguides.alfaisal.edu/mba513>

Innovation / Pedagogical Initiatives to cater Weak & Advanced Learners: by assigning additional problems.

INSTRUCTIONAL METHODOLOGIES:

<input checked="" type="checkbox"/> REAL WORLD EXAMPLES	<input type="checkbox"/> COLLABORATIVE LEARNING	<input type="checkbox"/> QUALITY LAB EXPERIMENTS	<input type="checkbox"/> OBSERVATIONS RECORDED
<input type="checkbox"/> INDUSTRY INTERNSHIP	<input type="checkbox"/> SUMMER TRAINING	<input type="checkbox"/> EXPERT GUEST LECTURES	<input type="checkbox"/> PROJECTS
<input type="checkbox"/> USE OF ICT	<input type="checkbox"/> ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-DIRECT:

<input checked="" type="checkbox"/> EXAM QUESTIONS	<input checked="" type="checkbox"/> TUTORIAL QUESTIONS	<input checked="" type="checkbox"/> ASSIGNMENTS	<input type="checkbox"/> LABORATORY TESTS
<input type="checkbox"/> PROJECT EVALUATION	<input type="checkbox"/> STUDENT ARTIFACTS	<input type="checkbox"/> ORAL EXAMS	<input type="checkbox"/> PROJECT PRESENTATIONS
<input checked="" type="checkbox"/> INTERNALLY DEVELOPED EXAMS	<input type="checkbox"/> ANY OTHER (SPECIFY)		

ASSESSMENT METHODOLOGIES-INDIRECT:

<input type="checkbox"/> STUDENT EXIT SURVEY	<input checked="" type="checkbox"/> CO-CURRICULAR ACTIVITIES	<input type="checkbox"/> EXTRA CURRICULAR ACTIVITIES
--	--	--

Prepared by
Anjum Fathima

Approved by
(HOD)

Lesson plans



Stanley College of Engineering and Technology for Women (Autonomous)
Department of Business Management

Lesson Plan

Supply Chain Management

Subject Code:	MB403	Year:	II
Subject:	Supply Chain Management	Semester:	IV
Faculty Member:	Dr G Nalini, Associate Professor		

Duration of Semester End Examination:	3 Hours
Semester End Examination:	60 Marks
Continuous Internal Evaluation:	40 Marks
Instruction period:	5 periods per week

Course Objective

1. To understand the role of Supply chain management in enhancing organizational efficiency
2. To understand the role of supply chain management in delivering customer value
3. To study the various drivers of successful supply chain strategy

Course outcomes

1. Understands the concept of Supply chain management and its functions
2. Recognize the importance of Logistics and inventory management
3. Warehousing management system and transportation can be practiced in various industries
4. Identify the role of Information technology in Supply chain management
5. Recognizes the role of Distributors, Human resources in Supply chain management

Period (s)	Unit	Topic	No. of Classes
I		Introduction to Supply Chain Management	10
		Concept, Objectives	
		function of SCM, conceptual framework of SCM	
		supply chain strategy - Global Supply Chain Management	
		Value chain and value delivery systems for SCM, Bull-whip effect.	
II		Logistics Management	10
		Integrated logistics Management	
		Inbound and Outbound Logistics, Logistics Planning and strategy.	
		Reverse Logistics	
		Inventory management	
		IM role in customer service.	
III		Role of Transportation in Supply Chain	12
		Transportation formats, and factors influencing their choice, Multi Modal transport,	
		Warehousing - Types of warehouses , Warehousing operations, Warehouse Management Systems	
		Third Party warehousing, Role and importance of handling systems.	
IV		Information Technology and Communication Technology in SCM	8
		Current IT trends in SCM	
		RFID, barcoding	
		Retail SCM - problems and prospects	
		Role of Packaging.	
V		Supply of Chain network Design, Distribution network in Supply Chains	12
		Channel design, Factors influence design,	
		Role and importance of Distributors in SCM	
		Emerging trends in Business intelligence implementation	
		Role of Human Resources in SCM.	
		Issues in Workforce Management and Relationship Management with suppliers	
		Customers and employees, linkage between HR and SCM.	
Total			52

Signature: *Nalini*
20/11/23

Faculty Member : Dr G Nalini

(Signature)
20/11/23
HoD

Attendance register

SYLLABUS COVERED			
Name of the Faculty: Arjum Fathima			
Year: I		Semester: 1 st	Branch: MBA Course: MBA
Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
1	06/12/21	Introduction and Basic Terminology	AF
1	07/12/21	Meaning ^{scope} and Definition of Accounting	AF
1	08/12/21	Accounting concepts and conventions	AF
1	15/12/21	Types of Accounts, Journal, ledger, Trail Balance	AF
1	17/12/21	Accounting Equation & Accounting standards	AF
1	22/12/21	Problems on Journal	AF
1	23/12/21	Problems on Journal	AF
1	24/12/21	Problems on ledger	AF
1	29/12/21	Problems on ledger & Trail Balance	AF
1	29/12/21	Problems on Trail Balance	AF
Unit-2			
1	30/12/21	Capital and revenue expenditure	AF
1	31/12/21	Preparation of final accounts	AF
1	05/1/22	Proforma of Trading's profit and loss	AF
		Ac and Balance sheet including adjustments, Depreciation-including methods	AF
1	06/1/22	Problems on final account without adjustments	AF
2.	07/1/22	Problems on final accounts with adjustments	AF
2.	12/1/22	Problems on final accounts & Depreciation	AF
1.	19/1/22	Problems on Depreciation	AF
1.	20/1/22	Problems on Depreciation.	AF
1.	21/1/22	Problems on depreciation	AF
Unit-3			
1.	24/1/22	Financial statement analysis, Ratio analysis	AF
1.	25/1/22	Rationale & utility of ratio analysis. and classification of ratios	AF
2.	27/1/22	Problems on liquidity ratios and Turnover ratios	AF
3.	28/1/22	Problems on Profitability ratios	AF
1.	31/1/22	Problems on solvency ratios	AF

SYLLABUS COVERED

Name of the Faculty : Argum Fathima

Year : I

Semester : 1st

Branch : MBA

Course : MBA

Period(s)	Date	Brief notes of the Topic (s) covered	Initials of Faculty
-----------	------	--------------------------------------	---------------------

1.	2/2/22	Problems on Common size Statement and comparative statement	<u>AF</u>
2.	3/2/22	Problems on ratios	<u>AF</u>
Unit-4			
1.	9/2/22	Cash flow statement - advantages, and utility of cash-flow	<u>AF</u>
2	10/2/22	Tax Avoidance, Tax Evasion, Tax planning and Balance score card	<u>AF</u>
2	14/2/22	Problems on Cash flow statement	<u>AF</u>
2.	15/2/22	Problems on cash flow statement	<u>AF</u>
1.	16/2/22	Balance score card - Methodology	<u>AF</u>
2.	17/2/22	Problems on cash flow statement	<u>AF</u>
Unit-5			
2.	21/2/22	classification of cost, fixed and variable cost differences, Break-even point	<u>AF</u>
1.	22/2/22	Product Mix, Managerial uses of BEP	<u>AF</u>
2.	23/2/22	Make & Buy decision, Capacity utilization, plant shut down decisions and cost sheet format	<u>AF</u>
1	28/2/22	Problems on cost sheet	<u>AF</u>
1	2/3/22	Problems on cost sheet	<u>AF</u>
2.	3/3/22	Problems on Cost sheet and BEP, contribution, P/V ratio.	<u>AF</u>
1.	7/3/22	Problems on BEP, contribution, P/V ratio	<u>AF</u>
1.	8/3/22	Nash Equilibrium in Game theory and Prisoner's Dilemma	<u>AF</u>
1.	9/3/22	Important Questions discussion	<u>AF</u>
1.	10/3/22	Important Questions discussion	<u>AF</u>
1.	11/3/22	Revision for 2 nd and 3 rd unit	<u>AF</u>
1.	14/3/22	Revision for 1 st , 4 th and 5 th unit.	<u>AF</u>

OU teaching diary

	Class : Topic :	Time :	Class : Topic :	Time :	Class : Topic :	Time :	Class : Topic :	Time :
Monday Date : 14/11/22	← Entering mid marks of III Sem ECE & guided		students for		Seminar & Synopsis		→	
Tuesday Date : 15/11/22	VII Sem/A IAFM 09-10-11:00	VII Sem/B IAFM 09-11	VII Sem/C IAFM 09-11		Inspection - Objectives and types of Inspection, SQC and its principles			
Wednesday Date : 16/11/22	VII Sem/A IAFM 11-12	VII/B IAFM 11-12	VII/C IAFM 11-12		Quality control by chart and sampling plans, Quality circle, Introduction, objectives & registration of ISO.			
Thursday Date : 17/11/22	VII Sem IAFM mid-1 QP & Quiz paper prepared.							
Friday Date : 18/11/22	VII Sem/A IAFM 2-4	VII/B IAFM 2-4	VII/C IAFM 2-4		Problems on charts and standard time by using time study and work measurement.			
Saturday Date : 19/11/22	← CL →							

Signature of the Teacher

Signature of the Incharge / Head of the Department.

CO-PO/PSO mapping with justification



STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
(AUTONOMOUS)

(Affiliated to Osmania University & Approved by AICTE)

(All eligible UG Courses are accredited by NBA & NAAC with 'A' Grade)

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

SUBJECT CODE: HS105CM

YEAR: II

SEM: IV

FINANCE AND ACCOUNTING

COURSE CODE	COURSE OUTCOME	PO(1-12)	PSO(1-2)
HS105CM.1	Evaluate the financial performance of the business unit. (BLT 5)	PO2, PO5, PO8, PO12	PSO1
HS105CM.2	Take decisions on selection of projects. (BLT 1)	PO2, PO5, PO12	PSO1
HS105CM.3	Take decisions on procurement of finances. (BLT 1)	PO3, PO6, PO12	PSO1
HS105CM.4	Analyse the liquidity, solvency and profitability of the business unit. (BLT 4)	PO1, PO2, PO5, PO11, PO12	PSO1, PSO2
HS105CM.5	Evaluate the overall financial functioning of an enterprise. (BLT 5)	PO1, PO2, PO5, PO11, PO12	PSO1

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
HS 105 CM.1		2			2			2				2	3	
HS 105 CM.2		2			2							2	2	
HS 105 CM.3			2			2						2	3	
HS 105 CM.4	2	2			2					2	2	2	3	2
HS 105 CM.5	2	2			2					2	2	2	3	

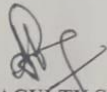
MAPPED PO'S:

Co1	PO	DESCRIPTION
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics and natural sciences and engineering sciences.

PO3	Design/Development of solutions	Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations.
PO4	Investigations of Complex problems	Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
PO5:	Modern Tool Usage:	Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations.
PO6:	The Engineer and Society:	Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice.
PO8	Ethics	Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice
PO9	Individual and Team Work	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary Settings.
PO11	Project Management and Finance	Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.
PO12	Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and Life -long learning in the broadest context of technological change.
PSO1	Problem –solving skills:	The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for the benefit of students.
PSO2	Design,implement,test	Design,implement,test,and evaluate a computer system,component,or algorithm to meet desired needs and to solve a computational problem.

COURSE OUTCOME	PO NOS	JUSTIFICATIONS
HS 105 CM.1 Evaluate the financial performance of the business unit.	PO2	Students gain the knowledge on Journal, Ledger, Cash book & BRS
	PO5	Students are able to analyze transactions based on purchases and sales using accounting principles.
	PO8	Students are able to develop the skills to start an enterprise.
	PO12	Students are able formulate the problems for cash book and trial balance.
	PSO1	Students are able to identify the problem and they will provide solutions on Start-up of the business.
HS 105 CM.2 Take decisions on	PO2	Students able to analyze financial position of the organisation.
	PO5	Students are able to analyze the Dual effects of an adjustment entries.
	PO12	Students are able to identify the issues involved in financial statements.

selection of projects.	PSO1	Students are able to identify the problems on <i>Final accounts</i> .
HS 105 CM.3 Take decisions on procurement of finances.	PO3	Students must be identify market positions.
	PO6	Students are able to learn about the concepts of financial markets and its services.
	PO12	Students can learn about various financial markets
HS 105 CM.4 Analyse the liquidity, solvency and profitability of the business unit.	PSO1	Students are able to identify the problem on <i>Secondary Market</i> .
	PO1	Students able to analyse the risk and the return.
	PO2	Students are able to make investment decisions.
	PO5	Students are able to take decisions based on the <i>modern techniques</i> and implement it.
	PO11	Students must be to identify problems using <i>Payback period</i> and <i>Net Present Value</i> .
	PO12	Students are able to design and implement risk identification and risk assessment in <i>Investment decisions</i> .
	PSO1	Students must be able to identify problems using <i>Capital Budgeting Techniques</i> .
	PSO2	Students able to implement investments decisions in the firm.
HS 105 CM.5 Evaluate the overall financial functioning of an enterprise.	PO1	Students are able to know the proportionate value of turnover.
	PO2	Students are able to analyse liquidity, solvency, profitability of the business.
	PO5	Students are able to design the company's profitability.
	PO11	students collaborated and learnt about different ratios.
	PO12	Students can able to analyse the financial statements based on different ratio's.
	PSO1	students will be able to handle overall business performance.
	PSO2	Students are able to identify problems in staffing security functions.



FACULTY SIGN

Anjum Fathima