



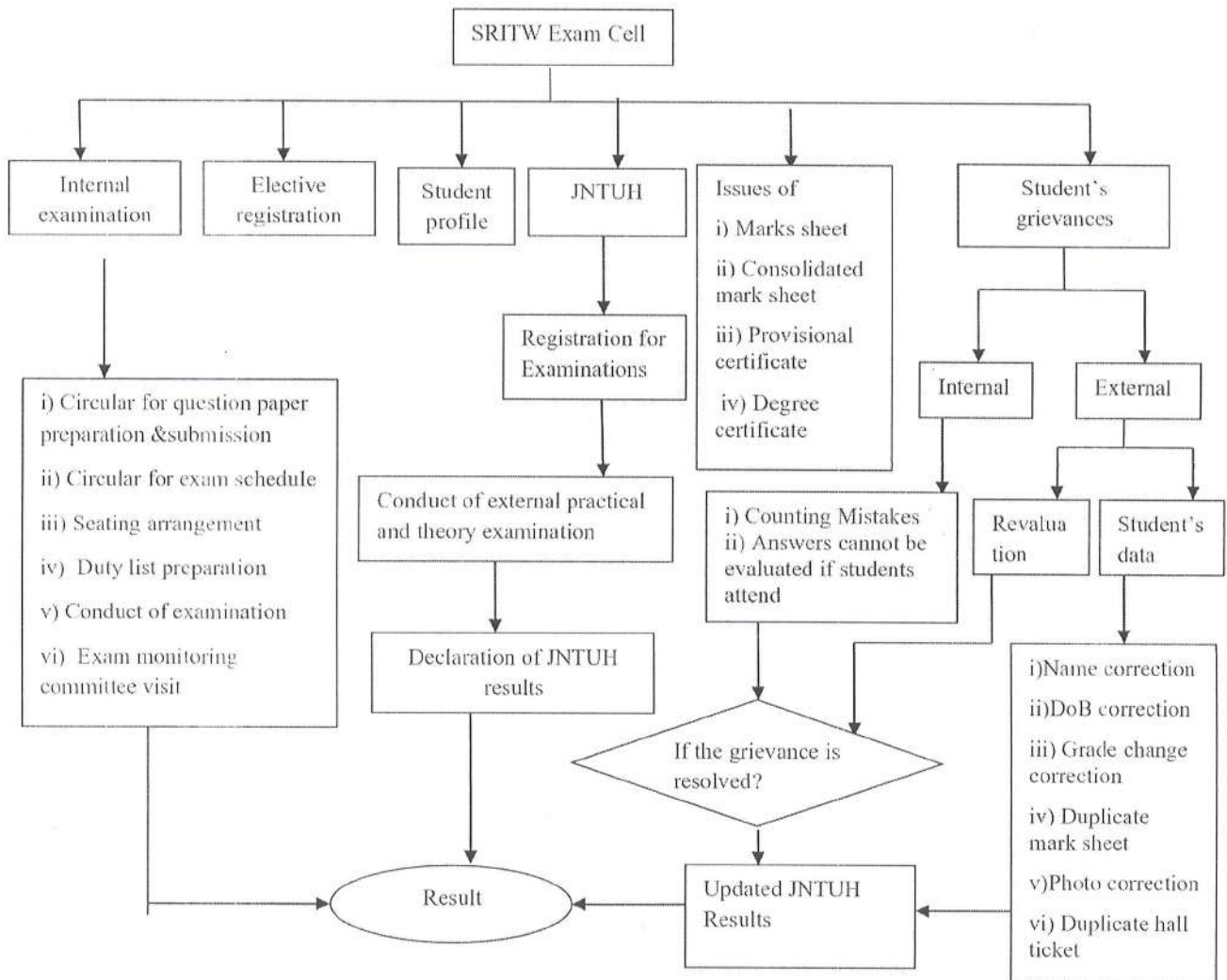
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Examination Branch Process



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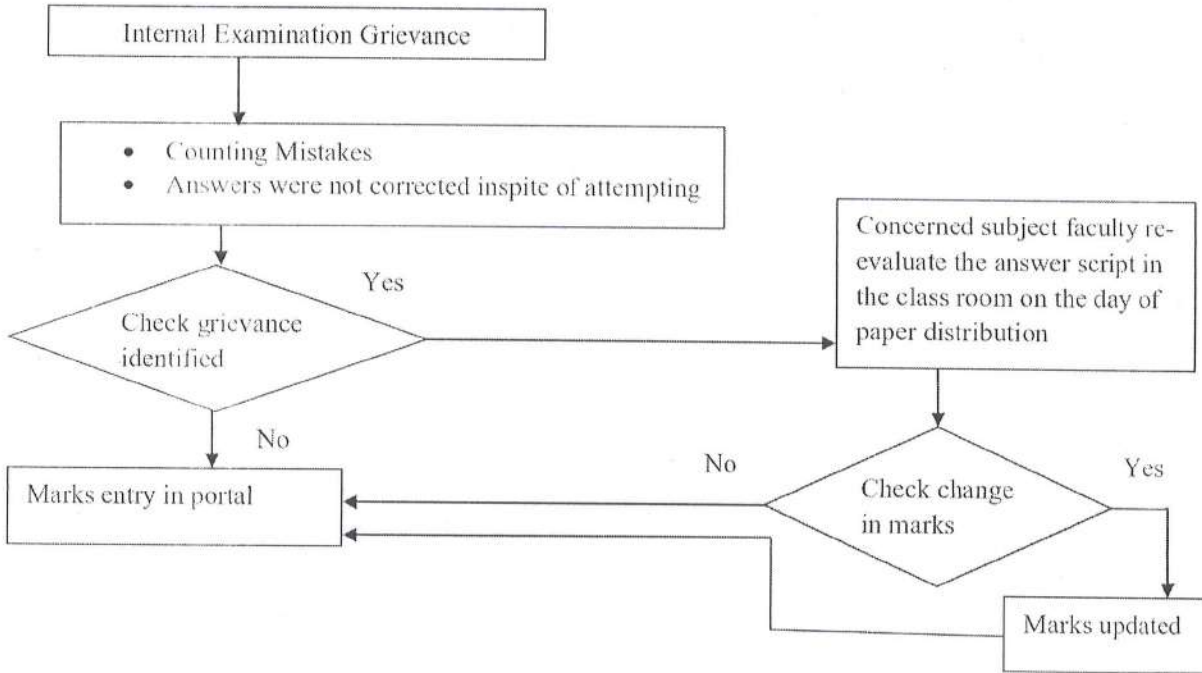
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Mechanism of Internal Grievance



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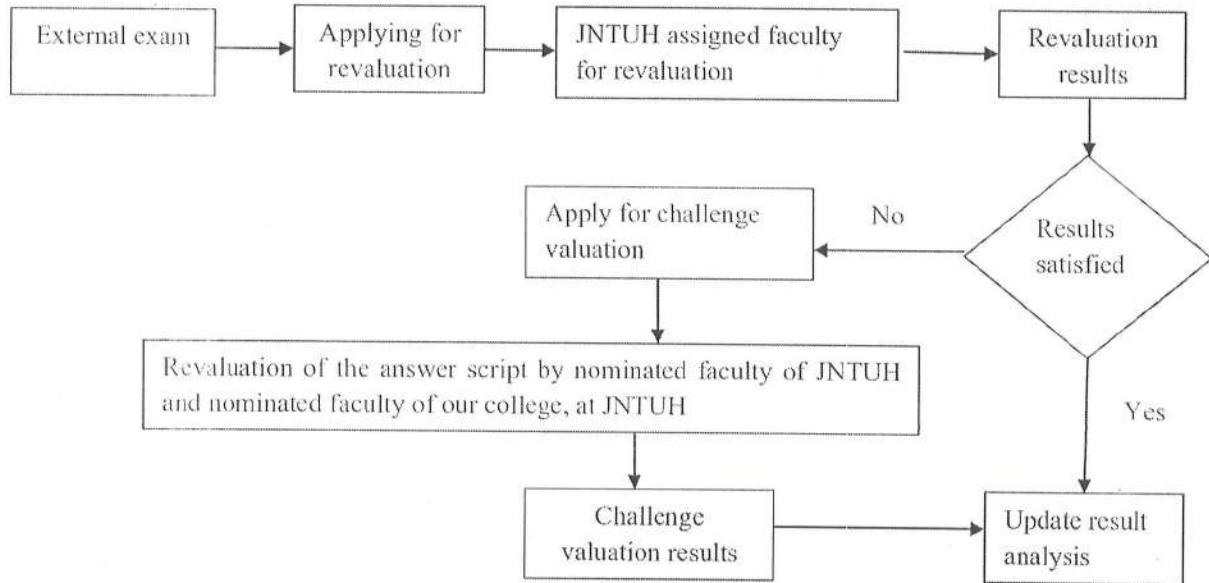
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Mechanism of External Grievances for Evaluation



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2	Academic Calendar
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4	Internal Assessment Circular
5	Schedule
6	Instructions to the Invigilators
7	Duty List
8	Seating Arrangement
9	Attendance
10	Absentees Report
11	Question Paper
12	Answer Key
13	Answer Script
14	Grievance-External Exams



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Date: 12-06-2023

Circular

The committee with the following member is constituted to monitor the conduct of examinations for the academic year 2022-2023.

S. No.	Name of the staff	Department	Designation
1	Mr. N. Govardhan	ECE	Convenor
2	Mr. E. Kumaraswamy	ECE	Member
3	Dr. E. Sudarshan	CSE (HoD)	Professor
4	Dr. K. Mahendar	ECE (HoD)	Professor
5	Dr. N. Srivani	H&Sc (HoD)	Professor

The convenor of the committee has to submit a report to the undersigned immediately after the conduction of examinations on daily basis. The committee members are requested to visit the examination halls during the exams.

Rajain
PRINCIPAL

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2. Circulation among the staff



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Academic Year 2022–2023



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Phoneno: 0870-2818302. Email: principal@sritw.org.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2022-23

B. Tech./B. Pharm. III YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	09.09.2022	
2	1 st Spell of Instructions (including Dussehra Recess)	09.09.2022	10.11.2022 (9 Weeks)
3	Dussehra Recess	03.10.2022	08.10.2022 (1 Week)
4	First Mid Term Examinations	11.11.2022	17.11.2022 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	24.11.2022	
6	2 nd Spell of Instructions	18.11.2022	12.01.2023 (8 Weeks)
7	Second Mid Term Examinations	16.01.2023	21.01.2023 (1 Week)
8	Preparation Holidays and Practical Examinations	23.01.2023	28.01.2023 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	30.01.2023	
10	End Semester Examinations	30.01.2023	11.02.2023 (2 Weeks)

Note: No. of Working/ instructional days: 92

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	13.02.2023	
2	1 st Spell of Instructions	13.02.2023	08.04.2023 (8 Weeks)
3	First Mid Term Examinations	10.04.2023	15.04.2023 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	22.04.2023	
5	2 nd Spell of Instructions (including Summer Vacation)	17.04.2023	24.06.2023 (10 Weeks)
6	Summer Vacation	15.05.2023	27.05.2023 (2 Weeks)
7	Second Mid Term Examinations	26.06.2023	01.07.2023 (1 Week)
8	Preparation Holidays and Practical Examinations	03.07.2023	08.07.2023 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	08.07.2023	
10	End Semester Examinations	10.07.2023	22.07.2023 (2 Weeks)

Note: No. of Working/ instructional days: 90




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 REGISTRAR



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Internal Exams



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Date: 20-06-2023

EXAMINATION BRANCH

NOTICE

All the teaching Staff are hereby informed that the **III B.Tech. II Sem. II-Mid Exams** are commencing from **27-06-2023 to 30-06-2023**. It is required to set the question papers according to the syllabus.

Descriptive question papers in **3 sets** and Objective type question papers in **5 sets** are to be mailed to **ebsritw@gmail.com** on or before **24-06-2023 before 10:30 a.m.**, positively.

Mail Id: **ebsritw@gmail.com**

NOTE-1 : The model question paper is given with this notice.

NOTE-2 : Faculty failed to send Objective & Descriptive paper by due date have take permission from Principal for the consideration of Question Paper.

NOTE-3 : Questions in the 3 sets of descriptive paper should be different.

[Handwritten Signature]

In-Charge Examinations

[Handwritten Signature]

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[Handwritten Signature]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD - 500085
EXAMINATION BRANCH

III YEAR B.TECH - II SEMESTER - R18 REGULATION II - MID TERM EXAMINATIONS JUNE-2023

TIME TABLE

TIME □ FN: 10.00 AM TO 11.20 AM
AN: 02.30 PM TO 03.50 PM

BRANCH	27-06-2023 FN TUESDAY	27-06-2023 AN TUESDAY	28-06-2023 FN WEDNESDAY	28-06-2023 AN WEDNESDAY	30-06-2023 AN FRIDAY
(04-ECE)	Antennas and Propagation	Digital Signal Processing	Mobile Communications and Networks	VLSI Design	Entrepreneurship
(05-CSE)	Machine Learning	Compiler Design	Design & Analysis of Algorithms	Software Testing Methodologies	Fundamentals of Internet of Things
(66-CSM)	Artificial Intelligence	DevOps	Natural Language Processing	Data Mining	Fundamentals of Internet of Things
(67-CSD)	Machine Learning	Compiler Design	Big Data Analytics	Software Testing Methodologies	Fundamentals of Internet of Things

Date: 19-06-2023

Swamy



Rajini
PRINCIPAL

Rajini
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WARANGAL - 506 371 (T.S.)



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Date:12-06-2023

EXAMINATION BRANCH

Instruction to the invigilators

1. Report to the exam branch 20 minutes before and carry the examination material to the exam hall.
2. Do not carry mobile phones to the examination hall.
3. Do not chat with the faculty with whom you are sharing invigilation duty.
4. Do not chat with the faculty outside the examination hall.
5. Do not sit continuously or doze in the examination hall during invigilation.
6. Make rounds continuously to identify any suspicious movements of students and material for copying.
7. Invigilation can be altered through a proper channel (through HoD) with a valid reason one day prior to exam duty.
8. If faculty attending college duty, invigilation should not be altered, under health and other college duties, faculties can alter the duty through proper channel.
9. On the spot, invigilation alterations are not accepted.
10. For any reason (conferences, health issues, workshops, on duty) if faculty are not able to perform invigilation duties or not willing to perform invigilation duties, take prior permission from the chief superintendent and inform the same to the exam branch.
11. Availing of casual leaves during examinations has to be brought to the notice of the examination branch with proper alteration.
12. Do not let anything be with the students except hall tickets, pens, pencils, and a scientific calculator (without a lid).
13. Do not ask the student to leave the answer booklet on the desk, ask the students to surrender the answer booklet to the invigilators.
14. Give an announcement in the exam hall that, "neither invigilators nor college is responsible for the mobile phones or personal belongings.

Rajain
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15. Deficiency of the question papers or any other issues can be brought to the notice of the exam branch through any one of the students in the exam hall or exam branch in chares in rounds.
16. Due to the delay from the JNTUH regarding the number of students allotted to the exam center, examination duties will be allotted a day before the examination only and communicated through the college WhatsApp group.
17. Ask the students to write the hall ticket numbers on the question paper and not to write anything on the question paper/hall ticket.
18. Do not let the students leave the exam hall before 30 minutes. If a student leaves before 90 minutes, ask the student to surrender his/her question paper.
19. Do not let the students be in the corridors after their examination.
20. Please read the instructions before each examination is conducted.

J. B. Wamy

In-charge-of-examinations

Rajani

Principal

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Date: 23-05-2023

EXAMINATION BRANCH

Duty List for Mid-II Examination (3rd Year-2nd Semester)

S.No	Faculty Name	27-06-2023 (FN)	27-06-2023 (AN)	28-06-2023 (FN)	28-06-2023 (AN)	30-06-2023 (AN)
1.	Mr. K. Ranganath	*	*	*		*
2.	Mr. A. Mahesh	*		*	*	
3.	Ms. A. Kalyani	*	*		*	*
4.	Ms.T. Sravanthi		*	*	*	*
5.	Mr.G. Sukhaveerji	*	*	*	*	*
6.	Ms. M. Sruthi	*	*	*	*	*
7.	Ms. M. Swetha		*	*	*	
8.	Ms.M.Vishali	*	*		*	*
9.	Mr. E. Hari Krishna		*	*	*	*
10.	Dr. M. Gopal	*		*		*
11.	Ms. D. Raghava Kumari	*	*		*	*
12.	Ms.Ch. Padmaja	*	*	*		*
13.	Mr. K. Ravikiran	*		*	*	*
14.	Mr. K. Srinivas	*	*	*	*	
15.	Ms. M. Anitha	*	*	*	*	*

Shyam
In-charge-of-examinations

Rejain
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WARANGAL - 506 371 (T.S.)

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EXAMINATION BRANCH

SEATING ARRANGEMENT

III B.Tech. II Sem. II Mid Examinations – 27th, 28th & 30th June-2023

Sl. No.	Room No.	BR	HALL TICKET No.		TOTAL	GRAND TOTAL
			From	To		
1	116	ECE	206Y1A0401	206Y1A0424	24	48
		CSE	206Y1A0501	206Y1A0524	24	
2	117	ECE	206Y1A0425	206Y1A0449	24	48
		CSE	206Y1A0525	206Y1A0548	24	
3	118	ECE	206Y1A0450	216Y5A0411	24	48
		CSE	206Y1A0550	206Y1A0574	24	
4	301	CSM	206Y1A6601	206Y1A6624	24	48
		CSE	206Y1A0575	206Y1A0598	24	
5	307	CSM	206Y1A6625	206Y1A6648	24	46
		CSE	206Y1A0599	216Y5A0514	22	
6	308	ECE	216Y5A0412	216Y5A0422	11	47
		CSM	206Y1A6649	216Y5A6605	9	
		CSD	206Y1A6701	216Y5A6704	27	
TOTAL						285

Note: The students are required to be present in their respective seats in the Examination Hall at least **15 minutes** before commencement of the Examination.

[Signature]
In-Charge of Examination

[Signature]
Principal

[Signature]
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WARANGAL - 508 371 (T S)

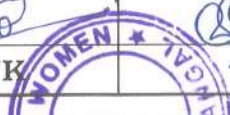
SOMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN
Ananthasagar (Vil), Hasanparthy (Mdl), WARANGAL (Dist)
III B.Tech.II SEM II - Mid Examinations, JUNE- 2023
Students Attendance Sheet

ECE

Room 116

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0401	Abhinaya	Abhinaya	Abhinaya	Abhinaya	Abhinaya
2	206Y1A0402	A.Lahari	A.Lahari	Lahari	Lahari	Lahari
3	206Y1A0403	A. pravalika	A. pravalika	A. pravalika	A. pravalika	A. pravalika
4	206Y1A0404	A. Vasavi	A. Vasavi	A. Vasavi	A. Vasavi	A. Vasavi
5	206Y1A0405	Tarunee	Tarunee	Tarunee	Tarunee	Tarunee
6	206Y1A0406	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi
7	206Y1A0407	Arul	Arul	Arul	Arul	Arul
8	206Y1A0408	B.lakshiprasanna	B.lakshiprasanna	B.lakshiprasanna	B.lakshiprasanna	B.lakshiprasanna
9	206Y1A0409	Bhoomika	Bhoomika	Bhoomika	Bhoomika	Bhoomika
10	206Y1A0410	← AB →	← AB →	ABSENT	← AB →	← AB →
11	206Y1A0411	Sushma	Sushma	Sushma	Sushma	Sushma
12	206Y1A0412	← AB →	← AB →	ABSENT	← AB →	← AB →
13	206Y1A0413	B. Sangeetha	B. Sangeetha	B. Sangeetha	B. Sangeetha	B. Sangeetha
14	206Y1A0414	B. Harika	B. Harika	B. Harika	B. Harika	B. Harika
15	206Y1A0415	← AB →	← AB →	keerthana.ch	keerthana.ch	keerthana.ch
16	206Y1A0416	← AB →	← AB →	Dinra Reddy	Dinra Reddy	Dinra Reddy
17	206Y1A0417	D. Adhurnitha	D. Adhurnitha	D. Adhurnitha	D. Adhurnitha	D. Adhurnitha
18	206Y1A0418	E. Sathwika	E. Sathwika	E. Sathwika	E. Sathwika	E. Sathwika
19	206Y1A0419	E. Soujanya	E. Soujanya	E. Soujanya	E. Soujanya	E. Soujanya
20	206Y1A0420	G. Harshitha	G. Harshitha	G. Harshitha	G. Harshitha	G. Harshitha
21	206Y1A0421	← AB →	← AB →	Y. Gouri Priya	Y. Gouri Priya	Y. Gouri Priya
22	206Y1A0422	G. Deekshitha	G. Deekshitha	G. Deekshitha	G. Deekshitha	G. Deekshitha
23	206Y1A0423	H. Deepika	H. Deepika	H. Deepika	H. Deepika	H. Deepika
24	206Y1A0424	Huzairfa	Huzairfa	Huzairfa	Huzairfa	Huzairfa
Present		19	19	22	22	22
Absent		5	5	2	02	02
Total		24	24	24	24	24
Sign. of the Invg.		Pranav	Mo	By	Sou Raju	PRINCIPAL

Note: Absentees are mark with RED INK



Sumathi Reddy Institute of Technology for Women
Ananthasagar (Vil), Hasanparthy (Mdl), WARANGAL (Dist)

ECE

Room 217

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0425	J. Vij	J. Vij	J. Vij	J. Vij	J. Vij
2	206Y1A0427	Laxmijawani	Laxmijawani	Laxmi Pavani	Laxmi Pavani	Laxmijawani
3	206Y1A0428	J. Chandana	J. Chandana	J. Chandana	J. Chandana	J. Chandana
4	206Y1A0429	K. Poojitha	K. Poojitha	K. Poojitha	K. Poojitha	K. Poojitha
5	206Y1A0430	K. Sai Sruithi	K. Sai Sruithi	K. Sai Sruithi	K. Sai Sruithi	K. Sai Sruithi
6	206Y1A0431	K. Harika	K. Harika	K. Harika	K. Harika	K. Harika
7	206Y1A0432	K. Amulya	K. Amulya	K. Amulya	K. Amulya	K. Amulya
8	206Y1A0433	M. Madhusree	M. Madhusree	M. Madhusree	M. Madhusree	M. Madhusree
9	206Y1A0434	M. Aishwry	M. Aishwry	M. Aishwry	M. Aishwry	M. Aishwry
10	206Y1A0435	Raj	Raj	Raj	Raj	Raj
11	206Y1A0436	M. Ragini	M. Ragini	M. Ragini	M. Ragini	M. Ragini
12	206Y1A0437	M. Aparna	M. Aparna	M. Aparna	M. Aparna	M. Aparna
13	206Y1A0438	N. Sushma	N. Sushma	N. Sushma	N. Sushma	N. Sushma
14	206Y1A0439	ABSENT	ABSENT	ABSENT	AB	AB
15	206Y1A0440	ABSENT	ABSENT	P. Rowshini	P. Rowshini	P. Rowshini
16	206Y1A0441	P. Navya	P. Navya	P. Navya	P. Navya	P. Navya
17	206Y1A0442	P. Sanitha	P. Sanitha	P. Sanitha	P. Sanitha	P. Sanitha
18	206Y1A0443	P. Vishwan	P. Vishwan	P. Vishwan	P. Vishwan	P. Vishwan
19	206Y1A0444	P. Akhila	P. Akhila	P. Akhila	P. Akhila	P. Akhila
20	206Y1A0445	P. Haritha	P. Haritha	P. Haritha	P. Haritha	P. Haritha
21	206Y1A0446	P. Nikshiptha	P. Nikshiptha	P. Nikshiptha	P. Nikshiptha	P. Nikshiptha
22	206Y1A0447	Present	P. Gayathri	P. Gayathri	P. Gayathri	P. Gayathri
23	206Y1A0448	Present	P. Sanjana	P. Sanjana	P. Sanjana	P. Sanjana
24	206Y1A0449	Present	P. Rubaib	P. Rubaib	P. Rubaib	P. Rubaib
Present		22	22	23	23	23
Absent		02	02	01	01	01
Total		24	24	24	24	24
Sign. of the Invg.						

Note: Absentees are mark with RED INK



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

ECE

Room

118

202

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0450	-AB-	-AB-	-AB-	-AB-	-AB-
2	206Y1A0451	R.Sindhu	R.Sindhu	R.Sindhu	R.Sindhu	R.Sindhu
3	206Y1A0452	S.Usha	S.Usha	S.Usha	S.Usha	S.Usha
4	206Y1A0453	S.Akhila	S.Akhila	S.Akhila	S.Akhila	S.Akhila
5	206Y1A0454	S.Gayathri	S.Gayathri	S.Gayathri	S.Gayathri	S.Gayathri
6	206Y1A0455	-AB-	-AB-	-AB-	-AB-	-AB-
7	206Y1A0456	T.Shirisha	T.Shirisha	T.Shirisha	T.Shirisha	T.Shirisha
8	206Y1A0457	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi
9	206Y1A0458	T.Jashwanth	T.Jashwanth	T.Jashwanth	T.Jashwanth	T.Jashwanth
10	206Y1A0459	-AB-	-AB-	-AB-	-AB-	T.Poojitha
11	206Y1A0460	T.Meghana	T.Meghana	T.Meghana	T.Meghana	T.Meghana
12	206Y1A0461	V.Akhila	V.Akhila	V.Akhila	V.Akhila	V.Akhila
13	206Y1A0462	Y.Nikitha	Y.Nikitha	Y.Nikitha	Y.Nikitha	Y.Nikitha
14	216Y5A0401	A.Rishika	Rishika	A.Rishika	A.Rishika	A.Rishika
15	216Y5A0402	Arshiyas	Arshiyas	Arshiyas	Arshiyas	Arshiyas
16	216Y5A0403	B.Shivani	B.Shivani	B.Shivani	B.Shivani	B.Shivani
17	216Y5A0404	Kanya.B	Kanya.B	Kanya.B	Kanya.B	Kanya.B
18	216Y5A0405	B.Shivani	B.Shivani	B.Shivani	B.Shivani	B.Shivani
19	216Y5A0406	B.Sahithya	B.Sahithya	B.Sahithya	B.Sahithya	B.Sahithya
20	216Y5A0407	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
21	216Y5A0408	Kanya.ch	Kanya.ch	Kanya.ch	Kanya.ch	Kanya.ch
22	216Y5A0409	D.Prasanna	D.Prasanna	D.Prasanna	D.Prasanna	D.Prasanna
23	216Y5A0410	Huma Humera	Huma Humera	Huma Humera	Huma Humera	Huma Humera
24	216Y5A0411	Present	Present	Present	Present	Present
	Present	21	21	21	21	21
	Absent	03	03	03	03	03
	Total	24	24	24	24	24
	Sign. of the Invg.					

Note: Absentees are mark with RED INK



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

CSE

Room 216

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0501	A. SumanaRuchi	A. SumanaRuchi	A. SumanaRuchi	A. SumanaRuchi	A. SumanaRuchi
2	206Y1A0502	A. varsha	A. varsha	A. varsha	A. varsha	A. varsha
3	206Y1A0503	A. Kavya	A. Kavya	A. Kavya	A. Kavya	A. Kavya
4	206Y1A0504	Ayusha Nishath	Ayusha Nishath	Ayusha Nishath	Ayusha Nishath	Ayusha Nishath
5	206Y1A0505	Jahnavi	Jahnavi	Jahnavi	Jahnavi	Jahnavi
6	206Y1A0506	B. Sandhya Rani	B. sandhya Rani	B. Sandhyarani	B. sandhyarani	B. sandhya Rani
7	206Y1A0507	B. Beulah.	B. Beulah.	B. Beulah.	B. Beulah.	B. Beulah.
8	206Y1A0508	B. Niharika	B. Niharika	B. Niharika	B. Niharika	B. Niharika
9	206Y1A0509	B. kalyani	B. kalyani	B. kalyani	B. kalyani	B. kalyani
10	206Y1A0510	B. Laxmi prasanna	B. Laxmi prasanna	B. Laxmi prasanna	B. Laxmi prasanna	B. Laxmi prasanna
11	206Y1A0511	B. Bhavika	B. Bhavika	B. Bhavika	B. Bhavika	B. Bhavika
12	206Y1A0512	B. Jahnavi	B. Jahnavi	B. Jahnavi	B. Jahnavi	B. Jahnavi
13	206Y1A0513	B. Niharika	B. Niharika	B. Niharika	B. Niharika	B. Niharika
14	206Y1A0514	B. Soumya	B. Soumya	B. Soumya	B. Soumya	B. Soumya
15	206Y1A0515	C. Shivani	C. Shivani	C. Shivani	C. Shivani	C. Shivani
16	206Y1A0516	Ch. Sudeepthi	Ch. Sudeepthi	Ch. Sudeepthi	Ch. Sudeepthi	Ch. Sudeepthi
17	206Y1A0517	Ch. Aparna	Ch. Aparna	Ch. Aparna	Ch. Aparna	Ch. Aparna
18	206Y1A0518	Ch. Kalyani	Ch. Kalyani	Ch. Kalyani	Ch. Kalyani	Ch. Kalyani
19	206Y1A0519	Ch. Vennels	Ch. Vennels	Ch. Vennels	Ch. Vennels	Ch. Vennels
20	206Y1A0520	Ch. Indhu	Ch. Indhu.	Ch. Indhu	Ch. Indhu	Ch. Indhu
21	206Y1A0521	Ch. Indhu Saijna Ch	Saijna Ch	Saijna Ch	Saijna Ch	Saijna Ch
22	206Y1A0522	D. Swetha	D. Swetha	D. Swetha	D. Swetha	D. Swetha
23	206Y1A0523	D. Kithyayani	D. Kithyayani	D. Kithyayani	D. Kithyayani	D. Kithyayani
24	206Y1A0524	E. Simla	E. simla	E. simla	E. simla	E. simla
Present		24	24	24	24	24
Absent		0		0	0	0
Total		24		24	24	24
Sign. of the Invg.		Pranath				



Sumathi Reddy, Principal
Women's Institute of Technology for Women
Ananthasagar (V), Hasanparthy (Mdl)
WARANGAL - 506 371 (T.S.)

Note: Absentees are mark with RED

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Room 117

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0525	E. Maly	E. Maly	E. Maly	E. Maly	E. Maly
2	206Y1A0526	L. Anjali	L. Anjali	L. Anjali	L. Anjali	L. Anjali
3	206Y1A0527	Tarinya	Tarinya	Tarinya	Tarinya	Tarinya
4	206Y1A0528	G.L.Prasanna	G.L.Prasanna	G.L.Prasanna	G.L.Prasanna	G.L.Prasanna
5	206Y1A0529	G. Bhavani	G. Bhavani	G. Bhavani	G. Bhavani	G. Bhavani
6	206Y1A0530	G. Sadhana	G. Sadhana	G. Sadhana	G. Sadhana	G. Sadhana
7	206Y1A0531	Atithi	Atithi	Atithi	Atithi	Atithi
8	206Y1A0532	G. Deepthi	G. Deepthi	G. Deepthi	G. Deepthi	G. Deepthi
9	206Y1A0533	G. SaiSupriya	G. SaiSupriya	G. SaiSupriya	G. SaiSupriya	G. SaiSupriya
10	206Y1A0534	Quif	Quif	Quif	Quif	Quif
11	206Y1A0535	Sreedhars	Sreedhars	Sreedhars	Sreedhars	Sreedhars
12	206Y1A0536	Prithi	Prithi	Prithi	Prithi	Prithi
13	206Y1A0537	K. Manasa	K. Manasa	K. Manasa	K. Manasa	K. Manasa
14	206Y1A0538	K. Beera	K. Beera	K. Beera	K. Beera	K. Beera
15	206Y1A0539	K. Silatha	K. Silatha	K. Silatha	K. Silatha	K. Silatha
16	206Y1A0540	K. Ramya	K. Ramya	K. Ramya	K. Ramya	K. Ramya
17	206Y1A0541	K. Tyoti	K. Tyoti	K. Tyoti	K. Tyoti	K. Tyoti
18	206Y1A0542	Vedavree	Vedavree	Vedavree	Vedavree	Vedavree
19	206Y1A0543	Prathyusha	Prathyusha	Prathyusha	Prathyusha	Prathyusha
20	206Y1A0544	K. Prasanna	K. Prasanna	K. Prasanna	K. Prasanna	K. Prasanna
21	206Y1A0545	K. Mehanal	K. Mehanal	K. Mehanal	K. Mehanal	K. Mehanal
22	206Y1A0546	Present	K. Saipriya	K. Saipriya	K. Saipriya	K. Saipriya
23	206Y1A0547	Present	K. Mehanal	K. Mehanal	K. Mehanal	K. Mehanal
24	206Y1A0548	ABSENT	K. Rakithya	K. Rakithya	K. Rakithya	K. Rakithya
Present		23	24	24	24	24
Absent		01	00	0	0	0
Total		24		24	24	24
Sign. of the Invg.		M. S. G. K.		Barath		



CSE

Room

118 202

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0550	K. Tejaswini	K. Tejaswini	K. Tejaswini	K. Tejaswini	K. Tejaswini
2	206Y1A0551	K. Divya	K. Divya	K. Divya	K. Divya	K. Divya
3	206Y1A0552	K. Keerthana	K. Keerthana	K. Keerthana	K. Keerthana	K. Keerthana
4	206Y1A0553	K. Bharani	K. Bharani	K. Bharani	K. Bharani	K. Bharani
5	206Y1A0554	L. Sreeja	L. Sreeja	L. Sreeja	L. Sreeja	L. Sreeja
6	206Y1A0555	L. Sreeja	L. Sreeja	L. Sreeja	L. Sreeja	L. Sreeja
7	206Y1A0556	Leef	Leef	Leef	Leef	Leef
8	206Y1A0557	M. Richitha	M. Richitha	M. Richitha	M. Richitha	M. Richitha
9	206Y1A0559	M. Ashwini	M. Ashwini	M. Ashwini	M. Ashwini	M. Ashwini
10	206Y1A0560	M. Akhila	M. Akhila	M. Akhila	M. Akhila	M. Akhila
11	206Y1A0561	M. Jahnvi	M. Jahnvi	M. Jahnvi	M. Jahnvi	M. Jahnvi
12	206Y1A0562	M. Sruthi	M. Sruthi	M. Sruthi	M. Sruthi	M. Sruthi
13	206Y1A0563	Deepthi.m	Deepthi.m	Deepthi.m	Deepthi.m	Deepthi.m
14	206Y1A0564	M. Vashu	M. Vashu	M. Vashu	M. Vashu	M. Vashu
15	206Y1A0565	N. Sravani	N. Sravani	N. Sravani	N. Sravani	N. Sravani
16	206Y1A0566	← ABSENT →	← ABSENT →	← AB →	← AB →	← AB →
17	206Y1A0567	N. Saritha	N. Saritha	N. Saritha	N. Saritha	N. Saritha
18	206Y1A0568	P. Kalpana	P. Kalpana	P. Kalpana	P. Kalpana	P. Kalpana
19	206Y1A0569	P. Tejaswi	P. Tejaswi	P. Tejaswi	P. Tejaswi	P. Tejaswi
20	206Y1A0570	P. Gouthami	P. Gouthami	P. Gouthami	P. Gouthami	P. Gouthami
21	206Y1A0571	P. Gouthami	P. Gouthami	P. Gouthami	P. Gouthami	P. Gouthami
22	206Y1A0572	P. Akshitha	P. Akshitha	P. Akshitha	P. Akshitha	P. Akshitha
23	206Y1A0573	Poojitha.p	Poojitha.p	Poojitha.p	Poojitha.p	Poojitha.p
24	206Y1A0574	Jayasree.p	P. Jayasree	P. Jayasree	P. Jayasree	P. Jayasree
Present		23	23	23	23	23
Absent		01	01	01	01	01
Total		24	24	24	24	24
Sign. of the Invg.		[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (Mdl)
WARANGAL - 506377 (T.S.)

Note: Absentees are mark with RED INK

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301

Room

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0575	Uppinay	Uppinay	Uppinay	Uppinay	Uppinay
2	206Y1A0576	Lanumj	Lanumj	Lanumj	Lanumj	Lanumj
3	206Y1A0577	Poojitha	Poojitha	Poojitha	Poojitha	Poojitha
4	206Y1A0578	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
5	206Y1A0579	Ravaliraj	Ravaliraj	Ravaliraj	Ravaliraj	Ravaliraj
6	206Y1A0580	Rithi	Rithi	Rithi	Rithi	Rithi
7	206Y1A0581	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
8	206Y1A0582	R.Priya	R.Priya	R.Priya	R.Priya	R.Priya
9	206Y1A0583	Ruchitha	Ruchitha	Ruchitha	Ruchitha	Ruchitha
10	206Y1A0584	R.Akshaya	R.Akshaya	R.Akshaya	R.Akshaya	R.Akshaya
11	206Y1A0585	Ajji	Ajji	Ajji	Ajji	Ajji
12	206Y1A0586	S.Sumajali	S.Sumajali	S.Sumajali	S.Sumajali	S.Sumajali
13	206Y1A0587	S. Sravya	S. Sravya	S. Sravya	S. Sravya	S. Sravya
14	206Y1A0588	Smita	Smita	Smita	Smita	Smita
15	206Y1A0589	Sanyasala	Sanyasala	Sanyasala	Sanyasala	Sanyasala
16	206Y1A0590	Buya.Ch	Buya.Ch	Buya.Ch	Buya.Ch	Buya.Ch
17	206Y1A0591	S.Navya	S.Navya	S.Navya	S.Navya	S.Navya
18	206Y1A0592	Prasmi	Prasmi	Prasmi	Prasmi	Prasmi
19	206Y1A0593	Shivani	Shivani	Shivani	Shivani	Shivani
20	206Y1A0594	S.Rachana	S.Rachana	S.Rachana	S.Rachana	S.Rachana
21	206Y1A0595	S. Tyothi	S. Tyothi	S. Tyothi	S. Tyothi	S. Tyothi
22	206Y1A0596	Spoorthi	Spoorthi	Spoorthi	Spoorthi	Spoorthi
23	206Y1A0597	T.Srivani	T.Srivani	T.Srivani	T.Srivani	T.Srivani
24	206Y1A0598	T. Sindhu	T. Sindhu	T. Sindhu	T. Sindhu	T. Sindhu
Present		24	24	24	24	24
Absent		0	0	0	0	0
Total		24	24	24	24	24
Sign. of the Inv.		Me				



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

Note: Absentees are mark with RED INK

Ananthasagar (Vil), Hasanparthy (Mdl), WARANGAL (Dist)

III B.Tech.II SEM II - Mid Examinations, JUNE- 2023

Students Attendance Sheet

CSE

Room 307

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0599	T.Meghana	T.Meghana	T.Meghana	T.Meghana	T.Meghana
2	206Y1A05A0	T.Sanjana	T.Sanjana	T.Sanjana	T.Sanjana	T.Sanjana
3	206Y1A05A1	V.SriVyshnavi	V.SriVyshnavi	V.SriVyshnavi	V.SriVyshnavi	V.SriVyshnavi
4	206Y1A05A2	V.Ramy a	V.Ramy a	V.Ramy	V.Ramy	V.Ramy
5	206Y1A05A3	V.Shivani	V.Shivani	V.Shivani	V.Shivani	V.Shivani
6	206Y1A05A5	Zoha Samman	Zoha Samman	Zoha Samman	Zoha Samman	Zoha Samman
7	206Y1A05A6	A.Prathima	A.Prathima	A.Prathi ma.	A.Prathima	A.Prathima
8	206Y1A05A7	ABSENT	ABSENT	← Absent →	← AB →	← AB →
9	216Y5A0501	B.Gayathri	B.Gayathri	B.Gayathri	B.Gayathri	B.Gayathri
10	216Y5A0502	B.Siri chaitanya	B.Siri chaitanya	B.Siri chaitanya	B.Siri chaitanya	B.Siri chaitanya
11	216Y5A0503	B.Alekhya	B.Alekhya	B.Alekhya	B.Alekhya	B.Alekhya
12	216Y5A0504	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi
13	216Y5A0505	G.Pravali	G.Pravali	G.Pravali	G.Pravali	G.Pravali
14	216Y5A0506	J.Bhavang	J.Bhavang	J.Bhavang	J.Bhavang	J.Bhavang
15	216Y5A0507	K.Naveena	K.Naveena	K.Naveena	K.Naveena	K.Naveena
16	216Y5A0508	L.DIVYA	L.DIVYA	L.DIVYA	L.DIVYA	L.DIVYA
17	216Y5A0509	Aditya	Aditya	Aditya	Aditya	Aditya
18	216Y5A0510	N. Sona	N. Sona	N. Sona	N. Sona	N. Sona
19	216Y5A0511	N.Sudha rani	N.Sudha rani	N.Sudha rani.	N.Sudharani.	N.Sudharani
20	216Y5A0512	P.Sahitya	P.Sahitya	P.Sahitya	P.Sahitya	P.Sahitya
21	216Y5A0513	Jasannam	Jasannam	Jasannam	Jasannam	Jasannam
22	216Y5A0514	V.Harshitba	V.Harshitba	V.Harshitba	V.Harshitba	V.Harshitba
23						
24						
Present		21	21	21	21	21
Absent		01	01	01	01	01
Total		22	22	22	22	22
Sign. of the Invg.						

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



Note: Absentees are mark with RED INK

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Room - 301

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A6601	A.Kushikamaiti	A.Kushikamaiti	A.Kushikamaiti	A.Kushikamaiti	A.Kushikamaiti
2	206Y1A6602	A.Swathi	A.Swathi	A.Swathi	A.Swathi	A.Swathi
3	206Y1A6603	A.Saisreya	A.Saisreya	A.Saisreya	A.Saisreya	A.Saisreya
4	206Y1A6604	B.Saisreya	B.Saisreya	B.Saisreya	B.Saisreya	B.Saisreya
5	206Y1A6605	B.Samadhashini	B.Samadhashini	B.Samadhashini	B.Samadhashini	B.Samadhashini
6	206Y1A6606	B.Bhavan	B.Bhavan	B.Bhavan	B.Bhavan	B.Bhavan
7	206Y1A6607	B.Amy	B.Amy	B.Amy	B.Amy	B.Amy
8	206Y1A6608	ch.Likitha	ch.Likitha	ch.Likitha	ch.Likitha	ch.Likitha
9	206Y1A6609	Nikitha ch	Nikitha ch	Nikitha ch	Nikitha ch	Nikitha ch
10	206Y1A6610	vysya	vysya	vysya	vysya	vysya
11	206Y1A6611	ch.Gayathri	ch.Gayathri	ch.Gayathri	ch.Gayathri	ch.Gayathri
12	206Y1A6612	D.Saija	D.Saija	D.Saija	D.Saija	D.Saija
13	206Y1A6613	D.Sanjana	D.Sanjana	D.Sanjana	D.Sanjana	D.Sanjana
14	206Y1A6614	Abhigna	Abhigna	Abhigna	Abhigna	Abhigna
15	206Y1A6615	D.Rubini	D.Rubini	D.Rubini	D.Rubini	D.Rubini
16	206Y1A6616	D.Samanvi	D.Samanvi	D.Samanvi	D.Samanvi	D.Samanvi
17	206Y1A6617	D.Jahnavi	D.Jahnavi	D.Jahnavi	D.Jahnavi	D.Jahnavi
18	206Y1A6618	D.Sathvika	D.Sathvika	D.Sathvika	D.Sathvika	D.Sathvika
19	206Y1A6619	Sathvika	Sathvika	Sathvika	Sathvika	Sathvika
20	206Y1A6620	G.Niketha	G.Niketha	G.Niketha	G.Niketha	G.Niketha
21	206Y1A6621	G.Selva	G.Selva	G.Selva	G.Selva	G.Selva
22	206Y1A6622	G.Shivatyaswini	G.Shivatyaswini	G.Shivatyaswini	G.Shivatyaswini	G.Shivatyaswini
23	206Y1A6623	Javeriya	Javeriya	Javeriya	Javeriya	Javeriya
24	206Y1A6624	J.Vasha	J.Vasha	J.Vasha	J.Vasha	J.Vasha
Present		24	24	24	24	24
Absent		0	0	0	0	0
Total		24	24	24	24	24
Sign. of the Invg.		<i>Shakti</i>	<i>Saija</i>	<i>Shakti</i>	<i>Shakti</i>	<i>Shakti</i>

Note: Absentees are mark with RED INK



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

CSM

Room 307

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A6625	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>
2	206Y1A6626	<i>K. Vaagdevi</i>	<i>K. Vaagdevi</i>	<i>K. Vaagdevi</i>	<i>K. Vaagdevi</i>	<i>K. Vaagdevi</i>
3	206Y1A6627	<i>K. Likhitha</i>	<i>K. Likhitha</i>	<i>K. Likhitha</i>	<i>K. Likhitha</i>	<i>K. Likhitha</i>
4	206Y1A6628	<i>K. Akanksha</i>	<i>K. Akanksha</i>	<i>K. Akanksha</i>	<i>K. Akanksha</i>	<i>K. Akanksha</i>
5	206Y1A6629	<i>K. Deepika</i>	<i>K. Deepika</i>	<i>K. Deepika</i>	<i>K. Deepika</i>	<i>K. Deepika</i>
6	206Y1A6630	<i>K. Prerana</i>	<i>K. Prerana</i>	<i>K. Prerana</i>	<i>K. Prerana</i>	<i>K. Prerana</i>
7	206Y1A6631	<i>L. Harshini</i>	<i>L. Harshini</i>	<i>L. Harshini</i>	<i>L. Harshini</i>	<i>L. Harshini</i>
8	206Y1A6632	<i>M. Rutwikha</i>	<i>M. Rutwikha</i>	<i>M. Rutwikha</i>	<i>M. Rutwikha</i>	<i>M. Rutwikha</i>
9	206Y1A6633	<i>M. Harshini</i>	<i>M. Harshini</i>	<i>M. Harshini</i>	<i>M. Harshini</i>	<i>M. Harshini</i>
10	206Y1A6634	<i>M. Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>
11	206Y1A6635	<i>M. Saanvika</i>	<i>M. Saanvika</i>	<i>M. Saanvika</i>	<i>M. Saanvika</i>	<i>M. Saanvika</i>
12	206Y1A6636	<i>N. Bharani</i>	<i>N. Bharani</i>	<i>N. Bharani</i>	<i>N. Bharani</i>	<i>N. Bharani</i>
13	206Y1A6637	<i>N. Jai Harshitha</i>	<i>N. Jai Harshitha</i>	<i>N. Jai Harshitha</i>	<i>N. Jai Harshitha</i>	<i>N. Jai Harshitha</i>
14	206Y1A6638	<i>N. Sahitya</i>	<i>N. Sahitya</i>	<i>N. Sahitya</i>	<i>N. Sahitya</i>	<i>N. Sahitya</i>
15	206Y1A6639	ABSENT	<i>P. Indhu</i>	<i>P. Indhu</i>	<i>P. Indhu</i>	<i>P. Indhu</i>
16	206Y1A6640	<i>P. Madhavi</i>	<i>P. Madhavi</i>	<i>P. Madhavi</i>	<i>P. Madhavi</i>	<i>P. Madhavi</i>
17	206Y1A6641	<i>P. Varsha</i>	<i>P. Varsha</i>	<i>P. Varsha</i>	<i>P. Varsha</i>	<i>P. Varsha</i>
18	206Y1A6642	<i>P. Laxmi Prasanna</i>	<i>P. Laxmi Prasanna</i>	<i>P. Laxmi Prasanna</i>	<i>P. Laxmi Prasanna</i>	<i>P. Laxmi Prasanna</i>
19	206Y1A6643	<i>P. Adhithi Priya</i>	<i>P. Adhithi Priya</i>	<i>P. Adhithi Priya</i>	<i>P. Adhithi Priya</i>	<i>P. Adhithi Priya</i>
20	206Y1A6644	<i>P. Reef</i>	<i>P. Reef</i>	<i>P. Reef</i>	<i>P. Reef</i>	<i>P. Reef</i>
21	206Y1A6645	ABSENT	ABSENT	ABSENT	AB	<i>Jashnani</i>
22	206Y1A6646	<i>R. Vyshnavi</i>	<i>R. Vyshnavi</i>	<i>R. Vyshnavi</i>	<i>R. Vyshnavi</i>	<i>R. Vyshnavi</i>
23	206Y1A6647	<i>S. Saeefa</i>	<i>S. Saeefa</i>	<i>S. Saeefa</i>	<i>S. Saeefa</i>	<i>S. Saeefa</i>
24	206Y1A6648	<i>S. Keerthi</i>	<i>S. Keerthi</i>	<i>S. Keerthi</i>	<i>S. Keerthi</i>	<i>S. Keerthi</i>
Present		22	23	23	23	24
Absent		02	01	01	01	-
Total		24	24	24	24	24
Sign. of the Invg.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Note: Absentees are mark with RED INK



Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M), Warangal (D)
Principal

III B.Tech.II SEM II - Mid Examinations, JUNE- 2023

Students Attendance Sheet

CSD

Room

308

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A6701	Varshitha	Varshitha	Varshitha	Varshitha	Varshitha
2	206Y1A6702	ASD	ASD	ASD	ASD	ASD
3	206Y1A6703	Ashma Aroose	Ashma Aroose	Ashma Aroose	Ashma Aroose	Ashma Aroose
4	206Y1A6704	B.Sranya	B.Sranya	B.Sranya	B.Sranya	B.Sranya
5	206Y1A6705	B.Priya chandrika	B.Priya chandrika	B.Priya chandrika	B.Priya chandrika	B.Priya chandrika
6	206Y1A6706	B.Sabitha	B.Sabitha	B.Sabitha	B.Sabitha	B.Sabitha
7	206Y1A6707	D.Vaishnavi	D.Vaishnavi	D.Vaishnavi	D.Vaishnavi	D.Vaishnavi
8	206Y1A6708	D.Roopa	D.Roopa	D.Roopa	D.Roopa	D.Roopa
9	206Y1A6709	D.Varshaj	D.Varshaj	D.Varshaj	D.Varshaj	D.Varshaj
10	206Y1A6710	G.Sanjana	G.Sanjana	G.Sanjana	G.Sanjana	G.Sanjana
11	206Y1A6711	G.sruuthi	G.sruuthi	G.sruuthi	G.sruuthi	G.sruuthi
12	206Y1A6712	K.Sadhasri	K.Sadhasri	K.Sadhasri	K.Sadhasri	K.Sadhasri
13	206Y1A6713	k.shreemayi	k.shreemayi	k.shreemayi	k.shreemayi	k.shreemayi
14	206Y1A6714	Sneha	Sneha	Sneha	Sneha	Sneha
15	206Y1A6715	Veenanjali	Veenanjali	Veenanjali	Veenanjali	Veenanjali
16	206Y1A6716	K.Sadwika sree	K.Sadwika sree	K.Sadwika sree	K.Sadwika sree	K.Sadwika sree
17	206Y1A6717	P.Ramyafree	P.Ramyafree	P.Ramyafree	P.Ramyafree	P.Ramyafree
18	206Y1A6718	Sajura Siddiqua	Sajura Siddiqua	Sajura Siddiqua	Sajura Siddiqua	Sajura Siddiqua
19	206Y1A6719	Sruuthi	Sruuthi	Sruuthi	Sruuthi	Sruuthi
20	206Y1A6720	S.Nandhini	S.Nandhini	S.Nandhini	S.Nandhini	S.Nandhini
21	206Y1A6721	T.Sai Chandana	T.Sai Chandana	T.Sai Chandana	T.Sai Chandana	T.Sai Chandana
22	206Y1A6722	ASD Absent	ASD Absent	ABSENT	← AB →	← ABSENT →
23	206Y1A6723	Y.Saisri	Y.Saisri	Y.Saisri	Y.Saisri	Y.Saisri
24	216Y5A6701	G.Sowmya	G.Sowmya	G.Sowmya	G.Sowmya	G.Sowmya
25	216Y5A6702	ASD Absent	ASD Absent	ABSENT	← AB →	← ABSENT →
26	216Y5A6703	Mitejaswini	Mitejaswini	Mitejaswini	Mitejaswini	Mitejaswini
27	216Y5A6704	pravalika.U	pravalika.U	pravalika.U	pravalika.U	pravalika.U
Present		25	25	25	25	25
Absent		02	02	02	02	02
Total		27	27	27	27	27
Sign. of the Invg.						

Note: Absentees are mark with RED INK



Rajan

PRINCIPAL

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

Ananthasagar (Vil), Hasanparthy (Mdl), WARANGAL (Dist)

III B.Tech.II SEM II - Mid Examinations, JUNE- 2023

Students Attendance Sheet

ECE

Room 308

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	216Y5A0412	K. Sowmya	K. Sowmya	K. Sowmya	K. Sowmya	K. Sowmya
2	216Y5A0413	K. Pranavi	K. Pranavi	K. Pranavi	K. Pranavi	K. Pranavi
3	216Y5A0414	M. Prathyusha	M. Prathyusha	M. Prathyusha	M. Prathyusha	M. Prathyusha
4	216Y5A0415	M. Chandana	M. Chandana	M. Chandana	M. Chandana	M. Chandana
5	216Y5A0416	M.P.	M.P.	M.P.	M.P.	M.P.
6	216Y5A0417	M. Kalyani	M. Kalyani	M. Kalyani	M. Kalyani	M. Kalyani
7	216Y5A0418	N. Manisha	N. Manisha	N. Manisha	N. Manisha	N. Manisha
8	216Y5A0419	M. Anasa	M. Anasa	M. Anasa	M. Anasa	M. Anasa
9	216Y5A0420	shimrana	shimrana	shimrana	shimrana	shimrana
10	216Y5A0421	T. Niharika	T. Niharika	T. Niharika	T. Niharika	T. Niharika
11	216Y5A0422	V. Zahasi	V. Zahasi	V. Zahasi	V. Zahasi	V. Zahasi
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
Present		11	11	11	11	11
Absent		00	0	00	00	—
Total		11	11	11	11	11
Sign. of the Invg.		<i>Anitha</i>	<i>Pr</i>	<i>Udy</i>	<i>Pr</i>	<i>Pr</i>

Note: Absentees are mark with RED INK



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

Ananthasagar (Vil), Hasanparthy (Mdl), WARANGAL (Dist)

III B.Tech.II SEM II - Mid Examinations, JUNE- 2023

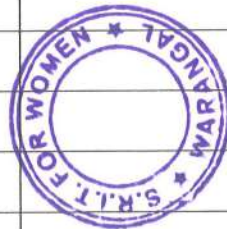
Students Attendance Sheet

CSM

Room

308

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A6649	U.Swathi	U.Swathi	U.Swathi	U.Swathi	U.Swathi
2	206Y1A6650	V.Niharika	V.Niharika	V.Niharika	V.Niharika	V.Niharika
3	206Y1A6651	V. Sriya	V. Sriya	V. Sriya	V. Sriya	V. Sriya
4	206Y1A6652	Y. Hithika	Y. Hithika	Y. Hithika	Y. Hithika	Y. Hithika
5	216Y5A6601	D. Susmithy	D. Susmithy	D. Susmithy	D. Susmithy	D. Susmithy
6	216Y5A6602	K.Venela	K.Venela	K.Venela	K.Venela	K.Venela
7	216Y5A6603	M. Kavya sri	M. Kavya sri	M. Kavya sri	M. Kavya sri	M. Kavya sri
8	216Y5A6604	P.Harshini	P.Harshini	P.Harshini	P.Harshini	P.Harshini
9	216Y5A6605	S.G.Nithika	S.G.Nithika	S.G.Nithika	S.G.Nithika	S.G.Nithika
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
Present		09	09	09	09	09
Absent		00	00	00	00	00
Total		9	9	9	9	9
Sign. of the Invg.		<i>A. S. S.</i>	<i>by</i>	<i>MLP</i>	<i>MLP</i>	<i>By</i>



Rajin
PRINCIPAL

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

Note: Absentees are mark with RED INK

EXAMINATION BRANCH

ABSENT LIST

III B.Tech. II Sem. II Mid Examinations - 27th, 28th & 30th June-2023

Date: 27/06/2023 FN.

Subs: AAP, ML, AI, ML.

Room No.	BR	HALL TICKET No.		H.T.No.	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	410, 412, 415, 416, 421 — 5	
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439, 440 — 2	
	CSE	206Y1A0525	206Y1A0548	20-548 — 1	
118	ECE	206Y1A0450	206Y5A0411	20-450, 55, 59 — 3	
	CSE	206Y1A0550	206Y1A0574	20-566 — 1	
301	CSM	206Y1A6601	206Y1A6624	Nil	
	CSE	206Y1A0575	216Y1A0598	Nil	
307	CSM	206Y1A6625	216Y5A6648	20-6639, 6645 — 2	
	CSE	206Y1A0599	206Y5A0514	20-5A7 — 1	
308	ECE	216Y5A0412	216Y5A0422	Nil	
	CSM	206Y1A6649	216Y5A6605	Nil	
	CSD	206Y1A6701	216Y5A6704	20-6722, 21-6702 — 2	

Branch	Total Absent
ECE	10
CSE	03
CSM	02
CSD	02
TOTAL	17

In-Charge of Examination



Rajin
PRINCIPAL

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

Principal

EXAMINATION BRANCH

ABSENT LIST

III B.Tech. II Sem. II Mid Examinations - 27th, 28th & 30th June-2023

Date: 27/06/2023 AN

Subs: DSP, CD, DEVOPS, CD

Room No.	BR	HALL TICKET No.		H.T.No.	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	20-410, 412, 415, 416, 421 = 05	
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439, 440 = 02	
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0450	206Y5A0411	20-450, 55, 59, = 03	
	CSE	206Y1A0550	206Y1A0574	20-566 = 01	
301	CSM	206Y1A6601	206Y1A6624	Nil	
	CSE	206Y1A0575	216Y1A0598	Nil	
307	CSM	206Y1A6625	216Y5A6648	6645 = 01	
	CSE	206Y1A0599	206Y5A0514	20-5A7 = 01	
308	ECE	216Y5A0412	216Y5A0422	Nil	
	CSM	206Y1A6649	216Y5A6605	Nil	
	CSD	206Y1A6701	216Y5A6704	20-6722, 21-6702 = 02	

Branch	Total Absent
ECE	10
CSE	02
CSM	01
CSD	02
TOTAL	15

In-Charge of Examination



Principal

PRINCIPAL

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

EXAMINATION BRANCH

ABSENT LIST

III B.Tech. II Sem. II Mid Examinations - 27th, 28th & 30th June-2023

Date: 28/06/23 FN

Subs: MCN, DAA, NLP, BDA

Room No.	BR	HALL TICKET No.		H.T.No.	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	20-410,412	- 02
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439	- 01
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0450	206Y5A0411	20-450, 455, 459	- 03
	CSE	206Y1A0550	206Y1A0574	20-566	- 01
301	CSM	206Y1A6601	206Y1A6624	— 0 —	
	CSE	206Y1A0575	216Y1A0598	— 0 —	
307	CSM	206Y1A6625	216Y5A6648	20-6645	— 01
	CSE	206Y1A0599	206Y5A0514	20-5A7	— 01
308	ECE	216Y5A0412	216Y5A0422	— 0 —	
	CSM	206Y1A6649	216Y5A6605	Nil	
	CSD	206Y1A6701	216Y5A6704	20-6722, 216Y5A06702	- 02

Branch	Total Absent
ECE	06
CSE	02
CSM	01
CSD	02
TOTAL	11

In-Charge of Examination

Principal



Rajain

PRINCIPAL

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

EXAMINATION BRANCH

ABSENT LIST

III B.Tech. II Sem. II Mid Examinations – 27th, 28th & 30th June-2023

Date: 28/06/2023

AN

Subs: VLSI, STM, DM, STM

Room No.	BR	HALL TICKET No.		H.T.No.	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	410, 412 = 02	
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439 = 01	
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0450	206Y5A0411	20-450, 455, 459, = 03	
	CSE	206Y1A0550	206Y1A0574	20-566 = 01	
301	CSM	206Y1A6601	206Y1A6624	— 0 —	
	CSE	206Y1A0575	216Y1A0598	— 0 —	
307	CSM	206Y1A6625	216Y5A6648	20- 5A7 6645 = 01	
	CSE	206Y1A0599	206Y5A0514	20-5A7 = 01	
308	ECE	216Y5A0412	216Y5A0422	— 0 —	
	CSM	206Y1A6649	216Y5A6605	Nil	
	CSD	206Y1A6701	216Y5A6704	6722, 21-6702 = 02	

Branch	Total Absent
ECE	06
CSE	02
CSM	01
CSD	02
TOTAL	11

In-Charge of Examination

Principal



Rajani
PRINCIPAL

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

EXAMINATION BRANCH

ABSENT LIST

III B.Tech. II Sem. II Mid Examinations - 27th, 28th & 30th June-2023

Date: 30/06/2023

(AN
FIN)

Subs: EP, FOIT, FOIT, FOIT

Room No.	BR	HALL TICKET No.		H.T.No.	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	20-410, 412 — 02	
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439 — 01	
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0450	206Y5A0411	20-450, 455 — 02	
	CSE	206Y1A0550	206Y1A0574	20-566 — 01	
301	CSM	206Y1A6601	206Y1A6624	— 0 —	
	CSE	206Y1A0575	216Y1A0598	— 0 —	
307	CSM	206Y1A6625	216Y5A6648	— 0 —	
	CSE	206Y1A0599	206Y5A0514	5A2 — 01	
308	ECE	216Y5A0412	216Y5A0422	— 0 —	
	CSM	206Y1A6649	216Y5A6605	— 0 —	
	CSD	206Y1A6701	216Y5A6704	20-6722, 21-6702 = 02	

Branch	Total Absent
ECE	05
CSE	02
CSM	00
CSD	02
TOTAL	09

In-Charge of Examination



Principal

PRINCIPAL

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



SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
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III B.Tech. II Sem. II-MID EXAMINATIONS (R18) June-2023

ANTENNAS AND PROPAGATION

(ECE)

Date: 27-06-2023 FN

Max. Marks: 10

Duration: 1:00 hr

Answer Any 2 Questions. (2 X 5 = 10 marks)

Q. No.	Question	Marks	CO	Blooms Level
1	Explain the operating modes of helical antenna.	5	1	2
2	Explain various feeding mechanism used in parabolic reflector antenna	5	1	2
3	Explain the phenomenon of ducting? What are the conditions required for manifestation of this phenomenon.	5	3	1
4	Explain maximum usable frequency (MUF) and skip distance	5	3	1

Rajani
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III B.Tech. II Sem. II-MID EXAMINATIONS (R18) June-2023

ANTENNAS AND PROPAGATION

(ECE)

Date: 27-06-2023 FN

Max. Marks: 10

Duration: 1:00 hr

Answer Any 2 Questions. (2 X 5 = 10 marks)

Q. No.	Question	Marks	CO	Blooms Level
1	Explain the operating modes of helical antenna.	5	1	2
2	Explain various feeding mechanism used in parabolic reflector antenna	5	1	2
3	Explain the phenomenon of ducting? What are the conditions required for manifestation of this phenomenon.	5	3	1
4	Explain maximum usable frequency (MUF) and skip distance	5	3	1

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



SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN
III B.Tech. II Sem II Mid-Term Examinations, June-2023
ANTENNAS AND WAVE PROPAGATION

Objective Exam

BRANCH: ECE

Name: _____ Ht. No. _____

I. Choose the correct alternative:

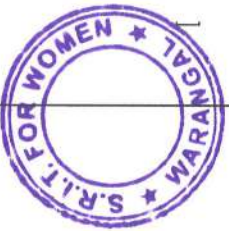
1. F layer is also called as _____. []
a) Heaviside layer b) Appleton
c) Kennelly layer d) none
2. Maximum usable frequency (f_{muf}) is given by _____. []
a) Seci fc b) cosi fc c) tani fc d) sini fc
3. For _____ value of roughness, reflecting surface is considered as smooth. []
A0001 b) 0.1 c) 10 d) 100
4. Helical antenna can be operated in _____ modes []
a) 2 b) 4 c) 3 d) None
5. From the radiation view point, small loops are _____ radiators []
a) Poor b) Good c) Better d) Excellent
6. The _____ reflector is simplest form of reflector []
a) plane b) flat sheet c) corner d) parabola
7. _____ reflector is less frequency sensitive []
a) plane b) flat sheet c) corner d) parabola
8. Microstrip path antenna is also called as _____ antenna. []
a) Patch antenna b) printed
c) microstrip d) all the above
9. The _____ edge dimension radiates. []
a) W b) L c) H d) None

10. Radio wave is arbitrarily applied to electromagnetic waves in the frequency range from _____ []

- a) 1 - 1000MHz b) 1-10GHz
c) 0.001 - 10^{16} Hz d) None

II. Fill in the blanks:

1. Path followed by a wave is termed as _____.
2. Modified refractive index modulus is given by _____.
3. Increase in _____, increases the rate of attenuation.
4. Half power beam width of helical antenna is given by _____.
5. Axial ration for helical antenna in axial mode is given by _____.
6. Aperture ratio of parabolic reflector is ratio of diameter "d" of circular aperture to the _____ in free space.
7. In _____ feed system, the feed radiator is placed at the vortex of parabolic reflector.
8. The _____ acts as resonant $\lambda/2$ parallel plate microstrip transmission line.
9. The radiation intensity of microstrip antenna depends on direction of _____.
10. Minimum distance at which wave returns to the ground at critical angle is termed as _____.



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



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INSTITUTE OF TECHNOLOGY FOR WOMEN

Learning at its best

Affiliated to JNTUH - Approved by AICTE

MID-II Key-Antennas and Wave Propagation

Descriptive

- Derive the field equations of small current element?
 Derivation of retarded vector potential – 1 mark
 Derivation of magnetic field components – 2 marks
 Derivation of electric field components – 2 marks
- Derive array factor of n-element uniform linear array?
 Diagram of n element uniform linear array – 1 mark

$$E_{\theta} = E_0 \left[\frac{1 - e^{jN\psi}}{1 - e^{j\psi}} \right]$$

Till equation - 2 marks

Full derivation without any mistakes – 4 marks

- Construction and working of Yagi-uda antenna?
 Diagram – 1 mark
 Constructional specifications – 1 mark
 Explanation – 3 marks
- Directivity of End Fire array
 Definition and basic expression – 1 mark
 Upto finding of limit – 2 marks
 Full derivation – 4 marks

Objective

- | | |
|-------------------------------|------------------------------------|
| 1. B (Zero) | 11. two |
| 2. B(4π) | 12. Beam width between first Nulls |
| 3. B(Radiation Intensity) | 13. 4 |
| 4. D(Length of Vertical side) | 14. Similar |
| 5. A(Broadside) | 15. First method |
| 6. C(Binomial) | 16. $\sin(n\psi/2)/\sin(\psi/2)$ |
| 7. D(all the above) | 17. Driven element |
| 8. B(4L/λ) | 18. Flaring |
| 9. D(wire) | |

10. D(Improve standing Wave)

$$19. \cos^{-1} \left[1 - \frac{(2m+1)\lambda}{2nd} \right]$$

$$20. E_{\theta} = \frac{I_m dl \sin\theta}{4\pi\epsilon} \left[\frac{-\cos\theta \sin\theta}{c^2 r} + \frac{\cos\theta}{c r^2} + \frac{\sin\theta}{\omega r^3} \right]$$

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INTERNAL EXAMINATION MAIN ANSWER BOOK

Name: Balle Anusha H.T.No. 206Y1A0407

B.Tech: III Year II Sem. Branch/Section ECF-A Date 29/05/2023

Examination : Mid: I / Internal / Practical / Practical Subject: AWP

	I	II	III	IV
a				
b				
c				
Total		5	3/2	5

Marks Obtained	10
Maximum Marks	10

No. of Additional's Used: 1

Signature of Invigilator Sohali

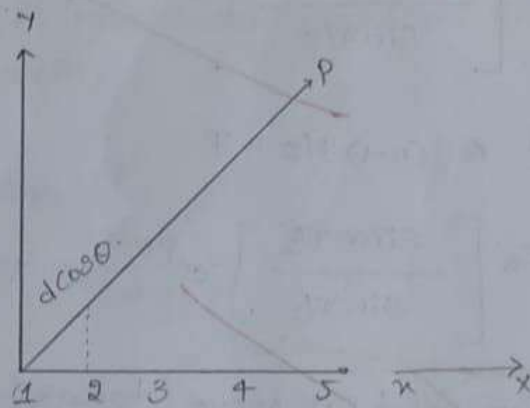
Signature of Examiner [Signature]

(Start Writing from here)

2. Assay factor for an n-element uniform array :-

→ The uniform linear array the elements current with equal magnitude along phase angle lines.

→ In the uniform array n-isotropic point source with equal amplitude and phase.



→ The total pattern fields at the distance of point P, obtained by adding individual sources.

$$E_T = E_1 e^{j0} + E_2 e^{j\psi} + E_3 e^{2j\psi} + E_4 e^{3j\psi} + \dots + E_{n-1} e^{(n-2)j\psi} + E_n e^{(n-1)j\psi}$$

where, $E_1 = E_2 = E_3 = E_0$

$$E_T = E_0 [1 + e^{j\psi} + e^{2j\psi} + \dots + E_n e^{(n-1)j\psi}] \quad \text{--- (1)}$$

Multiply 'e^{j\psi}' on both sides

$$E_T = E_0 [e^{j\psi} + e^{2j\psi} + \dots + E_n e^{(n-1)j\psi}] \quad \text{--- (2)}$$



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$$U_0 = \frac{1}{4\pi} (2\pi) \int_{\theta=0}^{\pi} \left[\frac{\sin n \beta d (\cos \theta - 1)}{2} \right]^2 \sin \theta d\theta$$

$$(\because \sin \theta/2 = \theta/2)$$

$$U_0 = \frac{1}{4\pi} (2\pi) \int_{\theta=0}^{\pi} \left[\frac{\sin n \beta d (\cos \theta - 1)}{2} \right]^2 \sin \theta d\theta$$

$$= \frac{1}{2} \int_{\theta=0}^{\pi} \left[\frac{\sin n \beta d (\cos \theta - 1)}{2} \right]^2 \sin \theta d\theta \quad \text{--- (5)}$$

$$\text{let } \frac{n\beta d (\cos \theta - 1)}{2} = z$$

$$\frac{n\beta d}{2} (-\sin \theta d\theta) = dz$$

$$\sin \theta d\theta = \frac{-2}{n\beta d} dz$$

$$\text{if } \theta=0 \Rightarrow \frac{n\beta d}{2} (\cos 0 - 1) = 0$$

$$\theta = \pi \Rightarrow \frac{n\beta d}{2} (\cos \pi - 1) = -n\beta d$$

from (5)

$$= \frac{1}{2} \int_0^{-n\beta d} \left[\frac{\sin z}{z} \right]^2 \left(\frac{-2}{n\beta d} \right) dz$$

$$U_0 = \frac{1}{n\beta d} \int_0^{-n\beta d} \left(\frac{\sin z}{z} \right)^2 dz$$

$$U_0 = \frac{1}{2n\beta d} \int_{-n\beta d}^{n\beta d} \left(\frac{\sin z}{z} \right)^2 dz$$

$$\left(\because \int_{-\infty}^{\infty} \left(\frac{\sin z}{z} \right)^2 dz = \pi \right)$$



$$U_0 = \frac{\pi}{2n\beta d}$$

$$\text{W.K.T } U_{\max} = 1$$

$$D = \frac{U_{\max}}{U_0} = \frac{1}{\frac{\pi}{2n\beta d}} = \frac{2n\beta d}{\pi}$$

$$D = \frac{2n \left(\frac{2\pi}{\lambda} \right) d}{\pi} = \frac{4nd}{\lambda} \quad \left(\because \beta = \frac{2\pi}{\lambda} \right)$$

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from L'Hospital rule

$$\lim_{\psi \rightarrow 0} \frac{E_T}{E_0} = \lim_{\psi \rightarrow 0} \frac{\frac{d}{d\psi} \sin n\psi/2}{\frac{d}{d\psi} \sin \psi/2}$$

$$E_{T \max} = E_0 \frac{\lim_{\psi \rightarrow 0} \cos n\psi/2 \cdot (n/2)}{\lim_{\psi \rightarrow 0} \cos \psi/2 \cdot (1/2)}$$

$$E_{T \max} = nE_0$$

$$E_{\text{norm}} = \frac{E_T}{E_{T \max}} = \frac{E_0}{nE_0} \frac{\sin n\psi/2}{\sin \psi/2}$$

$$\therefore E_{\text{norm}} = \frac{\sin n\psi/2}{n \sin \psi/2}$$

4) Directivity of end fire array :-

↳ Direction of maximum radiation intensity is parallel along the axis.

(Directivity) $D = \frac{U_{\max}}{U_{\text{avg}}}$

$$D = \frac{U_{\max}}{U_{\text{avg}}} = \frac{U_{\max}}{U_0}$$

$$U_0 = \frac{1}{4\pi} \int_0^\pi \int_0^{2\pi} |E(\theta, \phi)|^2 \sin\theta \, d\theta \, d\phi \quad \text{--- (1)}$$

$$E_n = \frac{\sin n\psi/2}{n \sin \psi/2} \quad \text{--- (2)}$$

$$\begin{aligned} \psi &= \beta d \cos\theta + \alpha \\ &= \beta d \cos\theta - \beta d \end{aligned}$$

$$\psi = \beta d (\cos\theta - 1) \quad \text{--- (3)}$$

Sub (3) in (1)

$$U_0 = \frac{1}{4\pi} \int_0^{2\pi} d\phi \int_0^\pi \left[\frac{\sin n\psi/2}{n \sin \psi/2} \right]^2 \sin\theta \, d\theta \quad \text{--- (4)}$$

Sub (3) in (4)



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$$E_T(1 - e^{j\psi}) = E_0(1 - e^{j\psi})$$

$$E_T = E_0 \left[\frac{1 - e^{jn\psi}}{1 - e^{j\psi}} \right]$$

$$E_T = E_0 \left[\frac{e^{jn\psi/2} e^{jn\psi/2} - e^{j\psi/2} e^{j\psi/2}}{e^{j\psi/2} e^{j\psi/2} - e^{j\psi/2} e^{j\psi/2}} \right]$$

$$= E_0 \frac{(-e^{jn\psi/2}) [e^{j\psi/2} - e^{-j\psi/2}]}{(-e^{j\psi/2}) [e^{j\psi/2} - e^{-j\psi/2}]}$$

$$E_T = E_0 e^{(n-1)j\psi/2} \left[\frac{e^{j\psi/2} - e^{-j\psi/2}}{e^{j\psi/2} - e^{-j\psi/2}} \right]$$

Divide and multiply with "2j"

$$= E_0 \left[\frac{e^{j\psi/2} - e^{-j\psi/2}}{e^{j\psi/2} - e^{-j\psi/2}} \right] e^{(n-1)j\psi/2}$$

$$E_T = E_0 \left[\frac{\sin n\psi/2}{\sin \psi/2} \right] e^{(n-1)j\psi/2}$$

$$\text{let } \psi = (n-1)\psi/2 = \psi$$

$$E_T = E_0 \left[\frac{\sin n\psi/2}{\sin \psi/2} \right] e^{j\psi} < \psi$$

The reference point is move towards the centre of the array. then $(n-1)\psi/2 = 0$ (or) the term will be eliminated.

$$E_T = E_0 \left[\frac{\sin n\psi/2}{\sin \psi/2} \right]$$

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In the above expression, E_0 is the primary pattern, and the term $\frac{\sin n\psi/2}{\sin \psi/2}$ said to be array factor or secondary pattern.

In the above eqn (1) if we put $\psi = 0$ then the term becomes indeterminate.



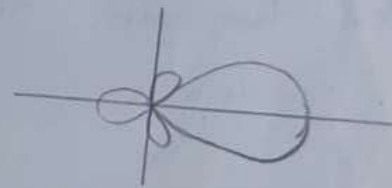
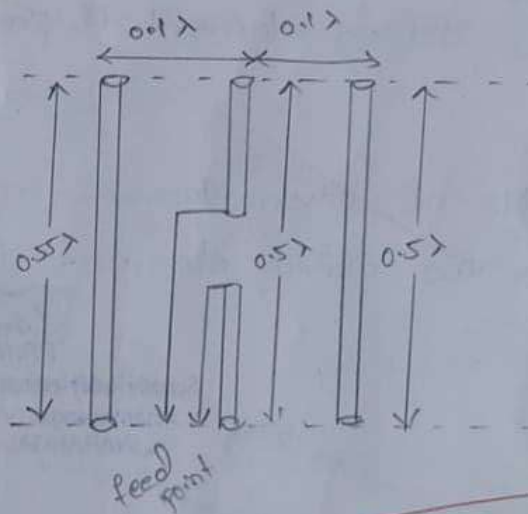
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$$D = \frac{4\pi d}{\lambda}$$

$$D = 4(2/\lambda)$$

3) Construction and working of Yagi-uda antenna :-

1. Yagi-uda antenna is high gain antenna.
2. Yagi-uda antenna basically a uniform linear half-wave antenna of driven element with one active element (feed element) and one or more parasitic elements.



Yagi-uda antenna

Radiation pattern

3. Parasitic elements includes the reflectors and more directors arranged in parallel a same antenna.

4. Parasitic elements includes the forward beam of driven element & length is smaller than other elements and it acts as director.



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5. It included the rear end of driven element acts as reflectors and its length larger than other elements.
6. The length of the elements as given below

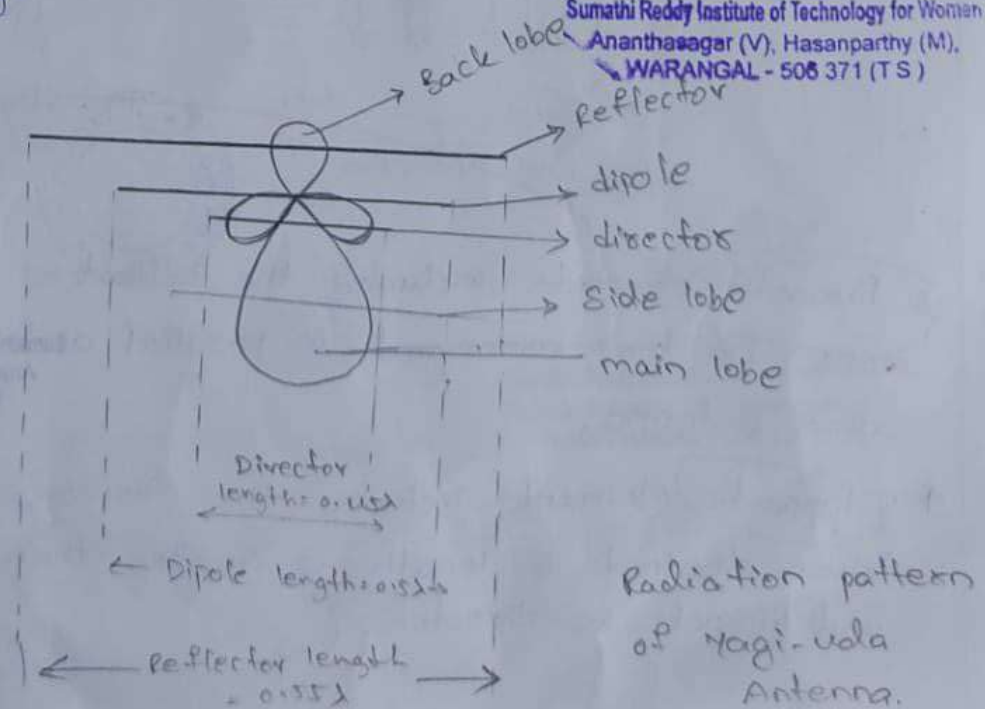
$$\text{Reflector length} = \frac{500 \text{ (MHz)}}{f \text{ (MHz)}} \text{ feet}$$

$$\text{Director length} = \frac{455}{f \text{ (MHz)}} \text{ feet}$$

$$\text{Driven element length} = \frac{475}{f \text{ (MHz)}} \text{ feet.}$$

Working:-

- The induced voltage (emf) of the reflector and directors decide the current flow in the driven element
- The phase of current decided by the spacing b/w elements & length of parasitic elements.
- Directors add fields of driven element in the direction of away from the driven element if properly and closely spacing.
- Reflectors add fields of driven element in the direction of towards from the driven element if properly spacing.



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- Divergence of Magnetic field is (b)
 a) volume charge density ρ_v b) zero
 c) infinite d) dependent on magnetic field vector
- Solid angle subtended by a sphere of radius "r" is (b) Sr.
 a) 2π b) 4π c) 3π d) None
- (b) is power radiated per unit solid angle. (b)
 a) Beam area b) Radiation Intensity
 c) Directivity d) Radiation pattern
- Eθ of loop antenna depends on (d)
 a) length of horizontal sides b) breadth of loop
 c) magnetic field strength d) length of vertical side
- A (d) array is the one in which elements are fed with a current of equal magnitude and phase. (d)
 a) Broadside b) Endfire
 c) Parasitic d) Collinear
- In (c) array minor lobes are eliminated. (c)
 a) Broadside b) Endfire
 c) Binomial d) Collinear
- In antenna measurements, media should be (d)
 a) Linear b) Passive
 c) Isotropic d) All the above
- Directivity of endfire array is given by (b)
 a) $2(L/\lambda)$ b) $4(L/\lambda)$ c) $1.789[4(L/\lambda)]$ d) (L/λ)



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- Folded dipole antenna belongs to which type of antenna? (d)
 a) Reflector b) Aperture
 c) Lens d) Wire

- Which of the following doesn't apply for flaring?
 a) Improve Gain b) Impedance matching
 c) Decreases side lobes d) Improve Standing waves

II. Fill in the blanks:

- The power radiated by half-wave dipole is two times that of the radiation by quarter wave monopole.
- Angular beam width between first nulls is called as beam width between first nulls
- Relation between directivity and beam area $\frac{4\pi}{\Omega_A}$
- According to reciprocity principle transmitting & receiving patterns are to be similar
- The absolute method of gain measurement is based on comparative formula.
- The array factor of n-element uniform linear array is $\sum_{n=1}^n e^{j(n-1)\psi}$
- The dipole to which the power is applied directly from the feeder in the Yagi-Uda antenna is called as Half-wave dipole antenna.
- In Horn antennas impedance matching is provided by flaring
- Direction of pattern maxima $(\theta_{max})_{min}$ of Endfire array is $\cos^{-1} \left[\frac{\pm(2N+1)\psi}{2\pi} \right]$

- The Eθ Component of current element is given by $E_{\theta} = \frac{Im dl \sin \theta}{4\pi R^2} \left[\frac{-\omega \sin \theta}{c^2 R} + \frac{\cos \theta}{cR} + \frac{\sin \theta}{\omega R^2} \right]$

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List Of Students Applied For RCRV

* RC/RV- RC Stands For Recounting / RV Stands for Revaluation

S.NO	HTNO	Regulation	Year	Semester	SubjectName(SubjectCode)	Applied For	Amount
1	226Y1A0548	R22	1	1	COMPUTER AIDED ENGINEERING GRAPHICS(181AG)	RV	1000 ✓
2	226Y1A0566	R22	1	1	ENGINEERING CHEMISTRY(181AJ)	RV	1000 ✓
3	226Y1A66H8	R22	1	1	APPLIED PHYSICS(181AA)	RV	1000 ✓
4	226Y1A6218	R22	1	1	COMPUTER AIDED ENGINEERING GRAPHICS(181AG)	RV	1000 ✓
5	226Y1A6606	R22	1	1	APPLIED PHYSICS(181AA)	RV	1000 ✓
6	226Y1A0461	R22	1	1	APPLIED PHYSICS(181AA)	RV	1000 ✓
7	226Y1A0572	R22	1	1	MATRICES AND CALCULUS(181AN)	RV	1000 ✓
8	226Y1A66F3	R22	1	1	PROGRAMMING FOR PROBLEM SOLVING(181AP)	RV	1000 ✓
9	226Y1A0554	R22	1	1	PROGRAMMING FOR PROBLEM SOLVING(181AP)	RV	1000 ✓
10	226Y1A0554	R22	1	1	ENGINEERING CHEMISTRY(181AJ)	RV	1000 ✓
11	226Y1A0596	R22	1	1	MATRICES AND CALCULUS(181AN)	RV	1000 ✓
12	226Y1A0591	R22	1	1	PROGRAMMING FOR PROBLEM SOLVING(181AP)	RV	1000 ✓
13	226Y1A0591	R22	1	1	BASIC ELECTRICAL ENGINEERING(181AB)	RV	1000 ✓
14	226Y1A0583	R22	1	1	MATRICES AND CALCULUS(181AN)	RV	1000 ✓
15	226Y1A0407	R22	1	1	APPLIED PHYSICS(181AA)	RV	1000 ✓



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16	226Y1A0407	R22	1	1	1	ENGLISH FOR SKILL ENHANCEMENT(181AK)	RV	1000	✓
17	226Y1A0407	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
18	226Y1A66H4	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
19	226Y1A0547	R22	1	1	1	ENGINEERING CHEMISTRY(181AJ)	RV	1000	✓
20	226Y1A6704	R22	1	1	1	PROGRAMMING FOR PROBLEM SOLVING(181AP)	RV	1000	✓
21	226Y1A6704	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
22	226Y1A66E0	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
23	226Y1A66E0	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
24	226Y1A6698	R22	1	1	1	PROGRAMMING FOR PROBLEM SOLVING(181AP)	RV	1000	✓
25	226Y1A6698	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
26	226Y1A0518	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
27	226Y1A6665	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
28	226Y1A6665	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
29	226Y1A0540	R22	1	1	1	COMPUTER AIDED ENGINEERING GRAPHICS(181AG)	RV	1000	✓
30	226Y1A0540	R22	1	1	1	ENGINEERING CHEMISTRY(181AJ)	RV	1000	✓
31	226Y1A66I5	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
32	226Y1A66I5	R22	1	1	1	MATRICES AND CALCULUS(181AN)	RV	1000	✓
33	226Y1A6605	R22	1	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓
34	156Y1A0592	R15	1	1	1	MATHEMATICAL METHODS(121AL)	RV	1000	✓
35	156Y1A0592	R15	1	1	1	COMPUTER PROGRAMMING(121AP) Rejoice	RV	1000	✓
36	156Y1A0592	R15	1	1	1	MATHEMATICAL METHODS(121AL) PRINCIPAL	RV	1000	✓



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Total RV Amount:36000

Total RC Amount:0

Grand Amount:36000



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I B.Tech. I Sem. RC/RV Result- March_2023

Sl. No.	HTNO	Sub Code	SUBJECT_NAME	INT	EXT	TOT	GR	GP	CR	GRADE_STATUS
1	226Y1A0407	181AA	APPLIED PHYSICS	26	10	36	F	0	0	Grade No Change
2	226Y1A0407	181AK	ENGLISH FOR SKILL ENHANCEMENT	28	19	47	F	0	0	Grade No Change
3	226Y1A0407	181AN	MATRICES AND CALCULUS	26	9	35	F	0	0	Grade No Change
4	226Y1A0461	181AA	APPLIED PHYSICS	34	9	43	F	0	0	Grade No Change
5	226Y1A0518	181AN	MATRICES AND CALCULUS	27	11	38	F	0	0	Grade No Change
6	226Y1A0540	181AG	COMPUTER AIDED ENGINEERING GRAPHICS	31	12	43	F	0	0	Grade No Change
7	226Y1A0540	181AJ	ENGINEERING CHEMISTRY	33	22	55	B	6	4	Grade Change
8	226Y1A0547	181AJ	ENGINEERING CHEMISTRY	31	13	44	F	0	0	Grade No Change
9	226Y1A0548	181AG	COMPUTER AIDED ENGINEERING GRAPHICS	34	12	46	F	0	0	Grade No Change
10	226Y1A0554	181AJ	ENGINEERING CHEMISTRY	26	21	47	C	5	4	Grade No Change
11	226Y1A0554	181AP	PROGRAMMING FOR PROBLEM SOLVING	28	10	38	F	0	0	Grade No Change
12	226Y1A0566	181AJ	ENGINEERING CHEMISTRY	29	29	58	B	6	4	Grade Change
13	226Y1A0572	181AN	MATRICES AND CALCULUS	33	12	45	F	0	0	Grade No Change
14	226Y1A0583	181AN	MATRICES AND CALCULUS	22	9	31	F	0	0	Grade No Change
15	226Y1A0591	181AB	BASIC ELECTRICAL ENGINEERING	25	13	38	F	0	0	Grade No Change
16	226Y1A0591	181AP	PROGRAMMING FOR PROBLEM SOLVING	30	3	33	F	0	0	Grade No Change
17	226Y1A0596	181AN	MATRICES AND CALCULUS	24	11	35	F	0	0	Grade No Change
18	226Y1A6218	181AG	COMPUTER AIDED ENGINEERING GRAPHICS	35	12	47	F	0	0	Grade No Change
19	226Y1A6605	181AA	APPLIED PHYSICS	34	13	47	F	0	0	Grade No Change
20	226Y1A6606	181AA	APPLIED PHYSICS	34	11	45	F	0	0	Grade No Change
21	226Y1A6665	181AA	APPLIED PHYSICS	30	12	42	F	0	0	Grade No Change
22	226Y1A6665	181AN	MATRICES AND CALCULUS	27	12	39	F	0	0	Grade No Change
23	226Y1A6698	181AA	APPLIED PHYSICS	35	13	48	F	0	0	Grade No Change
24	226Y1A6698	181AP	PROGRAMMING FOR PROBLEM SOLVING	27	33	60	B+	7	3	Grade Change
25	226Y1A66E0	181AA	APPLIED PHYSICS	35	13	48	F	0	0	Grade No Change
26	226Y1A66E0	181AN	MATRICES AND CALCULUS	28	11	39	F	0	0	Grade No Change
27	226Y1A66F3	181AP	PROGRAMMING FOR PROBLEM SOLVING	25	13	38	F	0	0	Grade No Change
28	226Y1A66H4	181AA	APPLIED PHYSICS	34	13	47	F	0	0	Grade No Change
29	226Y1A66H8	181AA	APPLIED PHYSICS	35	28	63	B+	7	4	Grade Change
30	226Y1A66I5	181AA	APPLIED PHYSICS	33	13	46	F	0	0	Grade No Change
31	226Y1A66I5	181AN	MATRICES AND CALCULUS	28	13	41	F	0	0	Grade No Change
32	226Y1A6704	181AN	MATRICES AND CALCULUS	21	3	24	F	0	0	Grade No Change
33	226Y1A6704	181AP	PROGRAMMING FOR PROBLEM SOLVING	24	4	28	F	0	0	Grade No Change



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