



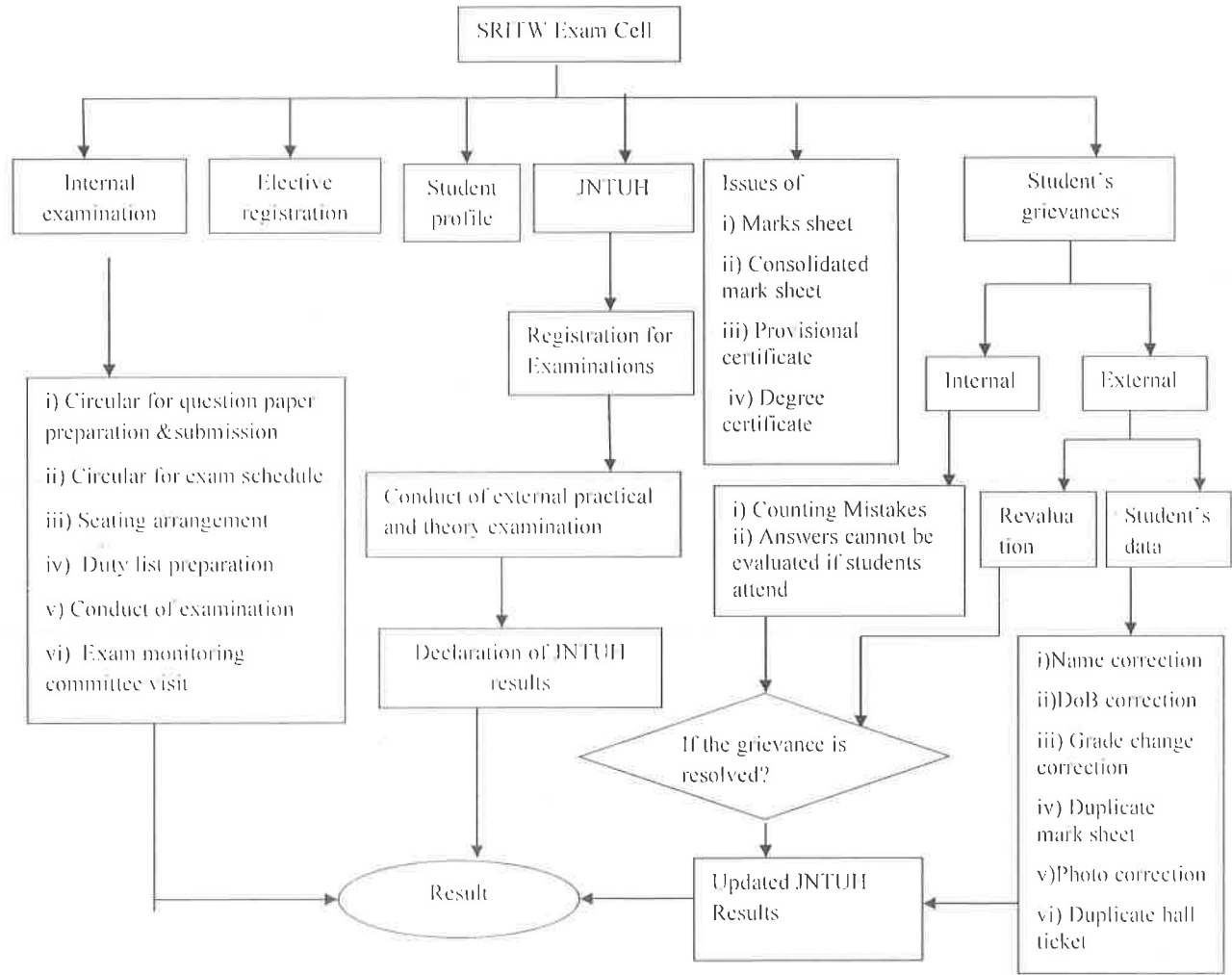
# SUMATHI REDDY

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## Examination Branch Process



*Rajani*

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WARANGAL - 506 371 (TS)

Ananthasagar, Hasanparthy, Warangal -506371, Telangana. Website: [www.sritw.org](http://www.sritw.org)

Phoneno: 0870-2818302. Email: [principal@sritw.org](mailto:principal@sritw.org)



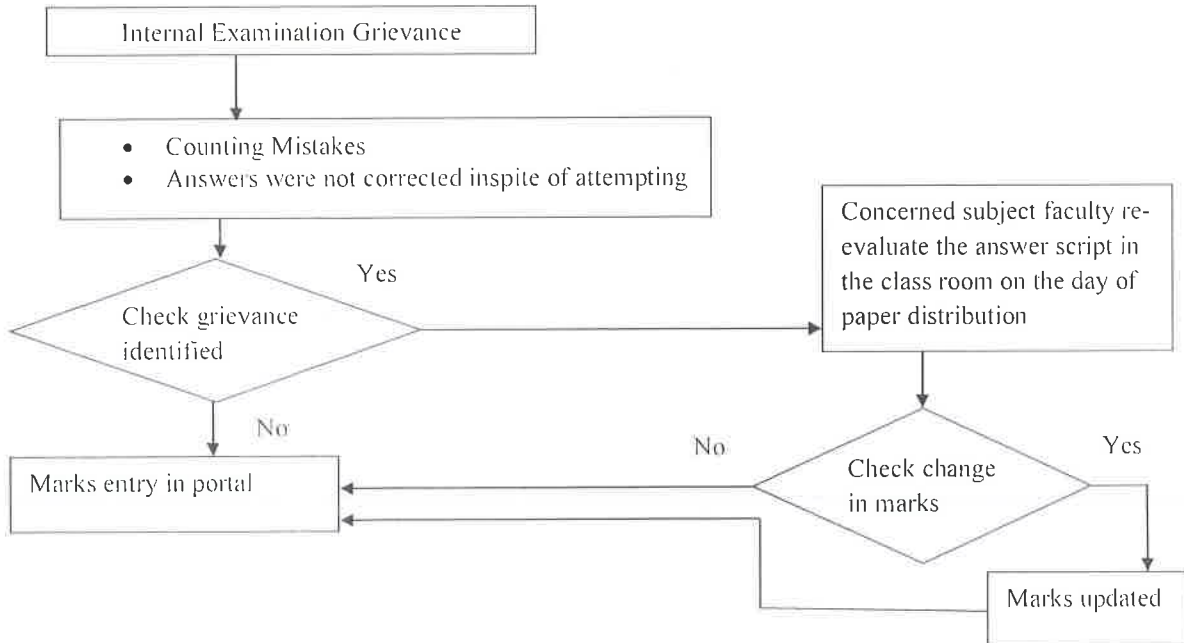
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## Mechanism of Internal Grievance



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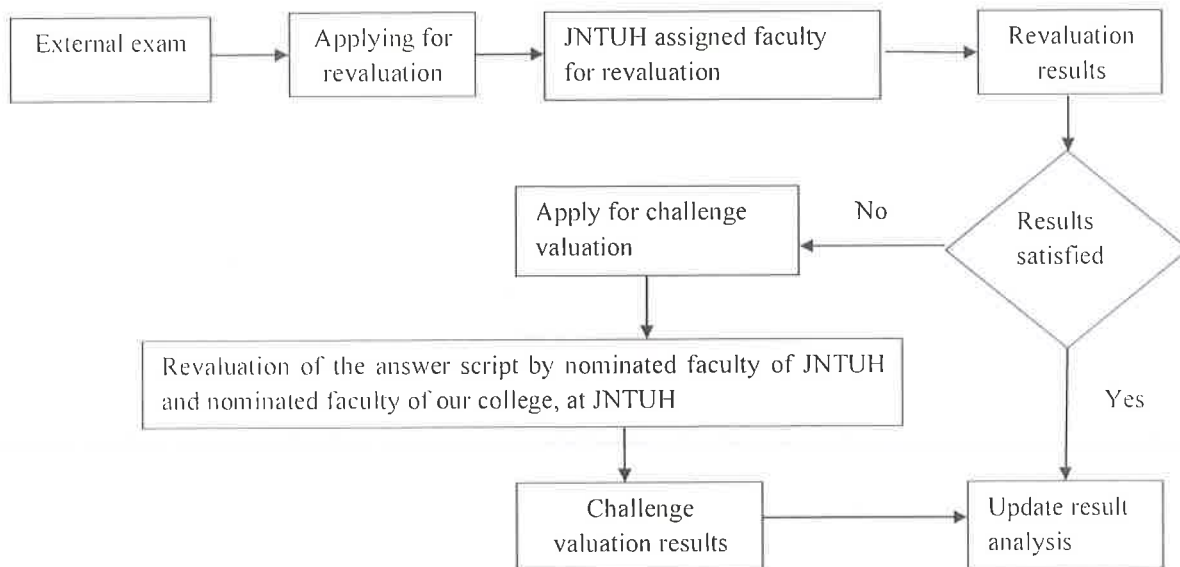
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## Mechanism of External Grievances for Evaluation



*Refin*

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S. No.	INDEX
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2	Academic Calendar
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4	Internal Assessment Circular
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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*

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# Academic Year 2022–2023

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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 <sup>st</sup> 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 <sup>nd</sup> 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 <sup>st</sup> 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 <sup>nd</sup> 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 (12 Weeks)

Note: No. of Working/ instructional days: 90

*[Signature]*  
REGISTRAR

Ananthasagar, Hasanparthy, Warangal -506371, Telangana. Website: [www.sritw.org](http://www.sritw.org)

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Date: 12-06-2023

## Circular

The committee with the following member is constituted to monitor the conduct of internal midterm exams of all departments 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 internal assessment test on daily basis. The committee members are requested to visit the exam branch halls during the internal assessment test.

*Rejain*

### In-Charge Examinations



Copy to:

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# Internal Exams

---

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Date: 20-06-2023

### EXAMINATION BRANCH

### NOTICE

All the teaching Staff are here by 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](mailto:ebsritw@gmail.com) on or before 24-06-2023 before 10:30 a.m., positively.

Mail Id: [ebsritw@gmail.com](mailto: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.

In-Charge Examinations



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KJ KATPALLY, 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

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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.

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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.

**In-charge-of-examinations**

**Principal**

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*Rajan*



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Date: 23-05-2023

## EXAMINATION BRANCH

### Duty List for Mid-II Examination (3<sup>rd</sup> Year-2<sup>nd</sup> 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. Sukhaverji	*	*	*	*	*
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	*	*	*	*	*

In-charge-of-examinations

Principal

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## EXAMINATION BRANCH

### SEATING ARRANGEMENT

III B.Tech. II Sem. II Mid Examinations -- 27<sup>th</sup>, 28<sup>th</sup> & 30<sup>th</sup> 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.

In Charge of Examination

Principal

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

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



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SUMATHI 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  
J16

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.Labani	A.Labani	Labani	Labani	Labani
3	206Y1A0403	A. Pravalika	A. Pravalika	A. Pravalika	A. Pravalika	A. Pravalika
4	206Y1A0404	A Yasavi	A Yasavi	A Yasavi	A Yasavi	A Yasavi
5	206Y1A0405	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
6	206Y1A0406	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi	B. Rajalaxmi
7	206Y1A0407	Shreed	Shreed	Shreed	Shreed	Shreed
8	206Y1A0408	B. Lakshmi	B. Lakshmi	B. Lakshmi	B. Lakshmi	B. Lakshmi
9	206Y1A0409	Bhramika	Bhramika	Bhramika	Bhramika	Bhramika
10	206Y1A0410	← AB →	← AB →	ABSENT	← AB →	← AB →
11	206Y1A0411	Sushma	Sushma	Sushma	Sushma	Sushma
12	206Y1A0412	← AB →	← AB →	ABSENT	← AB →	← AB →
13	206Y1A0413	B. Sangaltha	B. Sangaltha	B. Sangaltha	B. Sangaltha	B. Sangaltha
14	206Y1A0414	B. Hanika	B. Hanika	B. Hanika	B. Hanika	B. Hanika
15	206Y1A0415	← AB →	← AB →	Keerthana-ch	Keerthana-ch	Keerthana-ch
16	206Y1A0416	← AB →	← AB →	Dimp Reddy	Dimp Reddy	Dimp Reddy
17	206Y1A0417	D. Akshayitha	D. Akshayitha	D. Akshayitha	D. Akshayitha	D. Akshayitha
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. Hanika	G. Hanika	G. Hanika	G. Hanika	G. Hanika
21	206Y1A0421	← AB →	← AB →	J. Gouri Priya	J. Gouri Priya	J. Gouri Priya
22	206Y1A0422	G. Deepika	G. Deepika	G. Deepika	G. Deepika	G. Deepika
23	206Y1A0423	H. Deepika	H. Deepika	H. Deepika	H. Deepika	H. Deepika
24	206Y1A0424	Huzair	Huzair	Huzair	Huzair	Huzair
Present		19	19	22	22	22
Absent		5	5	2	02	02
Total		24	24	24	24	24
Sign. of the Invg.		Prasad	MA	By	Spout	eeep

Note: Absentees are mark with RED INK

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

Students Attendance Sheet

ECE

Room: 217

S. No	Hall Ticket No	27-06-2023	27-06-2023	28-06-2023	28-06-2023	30-06-2023
		FN Sign	AN Sign	FN Sign	AN Sign	AN Sign
1	206Y1A0425	J. Divij	J. Divij	J. Divij	J. Divij	J. Divij
2	206Y1A0427	Laxmi Pavani	Laxmi Pavani	Laxmi Pavani	Laxmi Pavani	Laxmi Pavani
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. Sri Sushma	K. Sri Sushma	K. Sri Sushma	K. Sri Sushma	K. Sri Sushma
6	206Y1A0431	K. Hanika	K. Hanika	K. Hanika	K. Hanika	K. Hanika
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. Ashraf	M. Ashraf	M. Ashraf	M. Ashraf	M. Ashraf
10	206Y1A0435	(Red)	(Red)	(Red)	(Red)	(Red)
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. Vishwas	P. Vishwas	P. Vishwas	P. Vishwas	P. Vishwas
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. Nikshitha	P. Nikshitha	P. Nikshitha	P. Nikshitha	P. Nikshitha
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. Rubi	P. Rubi	P. Rubi	P. Rubi
	Present	22	22	23	23	23
	Absent	02	02	01	01	01
	Total	24	24	24	24	24
	Sign. of the Invg	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Note: Absentees are mark with RED INK

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ANANTHASAGAR (VII), HASANPARTHY (MII), 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 Sign	AN Sign	FN Sign	AN Sign	AN 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. Rathyusha	M. Rathyusha	M. Rathyusha	M. Rathyusha	M. Rathyusha
4	216Y5A0415	M. Chandana	M. Chandana	M. Chandana	M. Chandana	M. Chandana
5	216Y5A0416	MAR	MAR	MAR	MAR	MAR
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	R. Anala	R. Anala	R. Anala	R. Anala	R. Anala
9	216Y5A0420	Shimara	Shimara	Shimara	Shimara	Shimara
10	216Y5A0421	T. Niharika	T. Niharika	T. Niharika	T. Niharika	T. Niharika
11	216Y5A0422	V. Zahari	V. Zahari	V. Zahari	V. Zahari	V. Zahari
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
Present		11	11	11	11	11
Absent		00	0	00	00	0
Total		11	11	11	11	11
Sign. of the Invg		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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

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

Students Attendance Sheet

ECE

Room

118

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.Shrisha	T.Shrisha	T.Shrisha	T.Shrisha	T.Shrisha
8	206Y1A0457	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi	T.Vaishnavi
9	206Y1A0458	T.Jyothsna	T.Jyothsna	T.Jyothsna	T.Jyothsna	T.Jyothsna
10	206Y1A0459	-AB-	-AB-	-AB-	-AB-	T.Sajitha
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	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
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.Sathya	B.Sathya	B.Sathya	B.Sathya	B.Sathya
20	216Y5A0407	Kanya.ch	Kanya.ch	Kanya.ch	Kanya.ch	Kanya.ch
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	U.S.	U.S.	U.S.	U.S.	U.S.

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### EXAMINATION BRANCH

### ABSENT LIST

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

Date: 27/06/2023 FN

Subs: AAP, ML, AI, ML

Roll No.	Branch	HALL TICKET No.		Remarks	By
		From	To		
116	ECE	206Y1A0401	206Y1A0434	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	206Y1A0410	206Y1A0411	20-450, 55, 59	3
	CSE	206Y1A0550	206Y1A0571	20-566	1
301	CSM	206Y1A0601	206Y1A0614	Nil	
	CSE	206Y1A0575	206Y1A0598	Nil	
307	CSM	206Y1A0675	206Y1A0648	20-6639, 6645	2
	CSE	206Y1A0599	206Y1A0515	20-5A7	1
308	ECE	206Y1A0412	206Y1A0412	Nil	
	CSM	206Y1A0640	206Y1A0602	Nil	
	CSD	206Y1A0701	206Y1A0702	20-6722, 21-6702	2

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

In-Charge of Examination

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### EXAMINATION BRANCH

### ABSENT LIST

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

Date: 27/06/2023 AN

Subs: DSP, CD, DEVOPS, CD

Room No.	BR	HALL TICKET No		UT No	Inv. Sign
		From	To		
116	ECE	206Y1A0401	206Y1A0424	20-410, 412, 415, 416, 421 = 05	
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0435	206Y1A0449	20-439, 440 = 02	
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0400	206Y5A0411	20-450, 55, 59, = 03	
	CSE	206Y1A0530	206Y1A0574	20-566 = 01	
301	CSM	206Y1A6601	206Y1A6624	Nil	
	CSE	206Y1A0575	216Y1A0598	Nil	
307	CSM	206Y1A6625	216Y5A6645	6645 = 01	
	CSE	206Y1A0599	206Y5A0514	20-5A4 = 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

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### ABSENT LIST

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

Date: 28/06/23 FM

Subs: MCN, DAA, NLP, BDA

Room No.	BR	HALL TICKET No.		R.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	206Y1A0474	20-450, 455, 459	- 03
	CSE	206Y1A0550	206Y1A0574	20-566	- 01
301	CSM	206Y1A0601	206Y1A0624	— 0 —	
	CSE	206Y1A0575	206Y1A0598	— 0 —	
307	CSM	206Y1A0625	216Y5A0648	20-6645	— 01
	CSE	206Y1A0599	206Y5A0574	20-5A7	— 01
308	ECE	216Y5A0412	216Y5A0432	— 0 —	
	CSM	206Y1A0045	216Y5A0028	Nil	
	CSD	206Y1A0701	216Y5A0704	20-6722, 216Y5A06702	- 02

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

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### EXAMINATION BRANCH

### ABSENT LIST

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

Date: 28/06/2023

AN

Subs: VLSI, STM, DM, STM

Room No.	BR	HALL TICKET No.		H1 No	H2 No
		From	To		
116	ECE	206Y1A0401	206Y1A0425	410, 412	= 02
	CSE	206Y1A0501	206Y1A0524	Nil	
117	ECE	206Y1A0425	206Y1A0449	20-439	= 01
	CSE	206Y1A0525	206Y1A0548	Nil	
118	ECE	206Y1A0450	206Y1A0474	20-450, 455, 459,	= 03
	CSE	206Y1A0550	206Y1A0574	20-566	= 01
301	CSM	206Y1A6601	206Y1A6624	— 0 —	
	CSE	206Y1A0575	206Y1A0598	— 0 —	
307	CSM	206Y1A6625	206Y1A6648	20- <del>547</del> 6645	= 01
	CSE	206Y1A0599	206Y1A0624	20-547	= 01
308	ECE	206Y1A0412	206Y1A0436	— 0 —	
	CSM	206Y1A6649	206Y1A6672	Nil	
	CSD	206Y1A6701	206Y1A6724	6722, 21-6702	= 02

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

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### ABSENT LIST

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

Date: 30/06/2023 <sup>(AN)</sup>  
(FN) Subs: EP, FOIT, FOIT, FOIT

Roll No.	BR	HALL TICKET No.		REGD	Inv	Sign
		From	To			
116	ECE	206Y1A0401	206Y1A0424	20-410, 412	—	02
	CSE	206Y1A0501	206Y1A0524	Nil		
117	ECE	206Y1A0425	206Y1A0440	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	SA2	—	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

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### SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

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

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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. D 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)  $f_o F_2$       b)  $f_o M_3000$       c)  $f_o MUF$       d)  $f_o f_{min}$
3. For \_\_\_\_\_ value of roughness, reflecting surface is considered as smooth.  
a) 0.001      b) 0.1      c) 10      d) 100
4. Helical antenna can be operated in \_\_\_\_\_ modes.  
a) 2      b) 3      c) 3'      d) None
5. From the radiation view point, small loops are \_\_\_\_\_ radiators.  
a) Dipole      b) Isotropic      c) Dipole      d) Exciters
6. The \_\_\_\_\_ reflector is simplest form of reflector.  
a) plane      b) flat sheet      c) pyramic      d) parabolic
7. \_\_\_\_\_ reflector is less frequency sensitive.  
a) plane      b) flat sheet      c) pyramic      d) parabolic
8. Microstrip patch antenna is also called as \_\_\_\_\_ antenna.  
a) Patch antenna      b) printed  
c) microstrip      d) all the above
9. The \_\_\_\_\_ also dimension radiates.  
a) SW      b)  $\lambda$       c)  $\lambda/2$       d) none

10. Radio wave is inductively applied to electromagnetic waves in the frequency range from \_\_\_\_\_

- a) 1 - 1000MHz      b) 1-100GHz  
c) 0.001 - 10MHz      d) None

**II. Fill in the blanks:**

1. Path followed by a wave is termed as \_\_\_\_\_
2. Mutual refractive index modulus is given by \_\_\_\_\_
3. As  $\epsilon_r$  increases, the rate of attenuation \_\_\_\_\_
4. Half power beam width of helical antenna is given by \_\_\_\_\_
5. Axial ratio 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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## 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

$$E_{\Sigma} = E_1 \left[ \frac{1 - e^{jn\psi}}{1 - e^{j\psi}} \right]$$

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)                    |                                    |

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

- D(Improve standing Wave)

$$20. \vec{H}_a = \frac{I_0 dl \sin\theta}{4\pi r_0} \left[ \frac{-\cos\theta_1}{Cr} + \frac{\cos\theta_2}{Cr^2} + \frac{\sin\theta_1}{\omega r^3} \right]$$

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ANANTHASAGAR, WARANGAL - 506 371



#### INTERNAL EXAMINATION MAIN ANSWER BOOK

Name: Rathe Anusha H.T.No. 206Y1A0907

B.Tech: IT Year: 3 Sem. Branch/Section: MCE-A Date: 21/05/2023

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

	I	II	III	IV
a				
b				
c				
Total				

Marks Obtained	<u>10</u>
Maximum Marks	<u>10</u>

No. of Additional Used: 1

Shalini  
Signature of Investigator

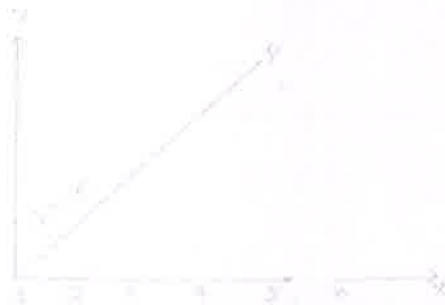
[Signature]  
Signature of Examiner

(Start Writing from here)

Q.9

Array factors for an n-element uniform array :-

- In the uniform linear array the elements consist 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.

$$E_T = E_1 e^{j\theta} + E_2 e^{j2\theta} + E_3 e^{j3\theta} + E_4 e^{j4\theta} + \dots + E_{n-1} e^{j(n-1)\theta} + E_n e^{jn\theta}$$

where,  $E_1 = E_2 = E_3 = E_4 = \dots = E_n$

$$E_T = E_n \left[ 1 + e^{j\theta} + e^{j2\theta} + \dots + e^{j(n-1)\theta} \right]$$

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

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

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

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

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

Divide and multiply with "e"

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

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

Let  $(n-1)\psi/2 = \psi$

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

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

$$E_T = E_0 \left[ \frac{\sin n\psi/2}{\sin \psi/2} \right] \text{---} \textcircled{1}$$

So the above expression  $E_0$  is the primary

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from L'Hospital's rule

$$\lim_{\theta \rightarrow 0} \frac{E_{\theta}}{E_{\theta=0}} = \lim_{\theta \rightarrow 0} \frac{\frac{d}{d\theta} \frac{1}{\sin \theta} \sin \theta \frac{1}{2}}{\frac{d}{d\theta} \frac{1}{\sin \theta} \sin \theta \frac{1}{2}}$$

$$E_{\theta \text{ max}} = E_0 \frac{\frac{d}{d\theta} \cos \theta \frac{1}{2}}{\frac{d}{d\theta} \cos \theta \frac{1}{2}}$$

$$E_{\theta \text{ max}} = 0 E_0$$

$$E_{\theta \text{ max}} = \frac{E_{\theta}}{E_{\theta \text{ max}}} = \frac{E_0}{0 E_0} \frac{\sin \theta \frac{1}{2}}{\sin \theta \frac{1}{2}}$$

$$E_{\theta \text{ max}} = \frac{\sin \theta \frac{1}{2}}{\sin \theta \frac{1}{2}}$$

Directivity of end fire array :-

Direction of maximum radiation intensity is parallel along the axis.

Assumptions :-

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

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

$$E_{\theta} = \frac{\sin \theta \frac{1}{2}}{\sin \theta \frac{1}{2}} \quad \text{--- (2)}$$

$$\phi = \theta \cos \alpha + \pi$$

$$= \theta \cos \alpha - \pi$$

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

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

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

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

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

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

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

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

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

From (5)

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

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

$$U_0 = \frac{1}{2 n \rho d} \int_{-n \rho d}^0 \left( \frac{\sin z}{2} \right)^2 dz$$

$$(\because \int_0^{\pi} \left( \frac{\sin z}{2} \right)^2 dz = \pi)$$

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

$$U_0 \times \pi \times 2 n \rho d = \pi$$

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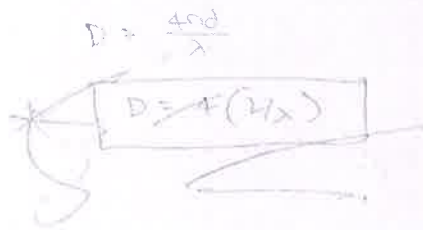


ADDITIONAL ANSWER BOOK

Addl No. \_\_\_\_\_

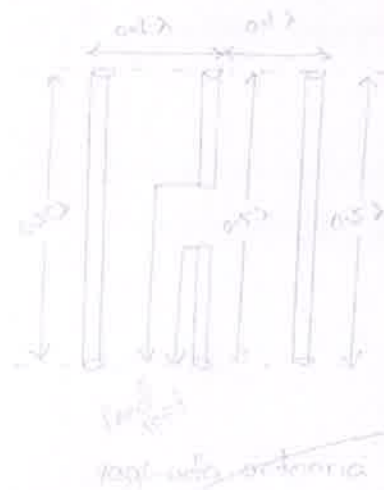
Subject \_\_\_\_\_

Invigilator's Signature \_\_\_\_\_



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 (Dir. element) and one or more parasitic elements.



3. Parasitic elements includes the reflector and one or more directors arranged in parallel and placed on the same antenna.



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5. It includes the rear end of driven element as reflectors and its length larger than other

6. The length of the elements as given below

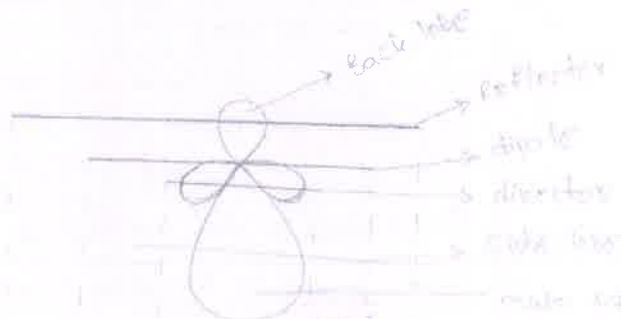
$$\text{Reflector length} = \frac{500 \text{ (MHz)}}{f \text{ (MHz)}} \text{ feet}$$

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

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

Working:-

- The induced voltage (EMF) of the reflectors 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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SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN  
III B Tech, II Sem I Mid-Term Examinations, May-2023  
ANTENNAS AND WAVE PROPAGATION  
Objective Exam

Name: S. Rajan Roll No. 2023V190407

1. Direction of magnetic field of a vertical wire depends on:
  - a) distance
  - b) current
  - c) perpendicular to magnetic field vector
  - d) None
2. Small angle approximation for a sphere of radius  $R$  is:
  - a)  $\sin \theta \approx \theta$
  - b)  $\cos \theta \approx \theta$
  - c)  $\tan \theta \approx \theta$
  - d) None
3.  $\frac{dE}{d\Omega}$  is power radiated per unit solid angle.
  - a) Intensity
  - b) Radiation pattern
  - c) Radiation pattern
  - d) None
4. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection
5. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection
6. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection
7. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection
8. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection
9. In a  $\frac{dE}{d\Omega}$  pattern, the angle  $\theta$  is:
  - a) angle of radiation
  - b) angle of observation
  - c) angle of incidence
  - d) angle of reflection

10. Which of the following directly affects the directivity of an antenna?
  - a) Impedance
  - b) Aperture
  - c) Directivity
  - d) None
11. Fill in the blanks:
  - 11. The power radiated by a half-wave dipole is \_\_\_\_\_ times that of the radiation by quarter wave monopole.
  - 12. Angular wave with wave number  $k$  and  $\theta$  is called as \_\_\_\_\_.
  - 13. Relation between directivity and gain is \_\_\_\_\_.
  - 14. According to reciprocity principle, transmitting & receiving patterns are to be \_\_\_\_\_.
  - 15. The absolute method of gain measurement is based on \_\_\_\_\_.
  - 16. The array factor of a linear uniform linear array is \_\_\_\_\_.
  - 17. The dipole to which the power is applied directly from the feeder is the \_\_\_\_\_.
  - 18. In Horn antenna impedance matching is provided by \_\_\_\_\_.
  - 19. Direction of pattern maxima of a horn antenna is \_\_\_\_\_.
  - 20. The  $\frac{dE}{d\Omega}$  pattern of a horn antenna is \_\_\_\_\_.

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### SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN(6Y)-B.Tech 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	216Y5A0502	R18	2	1	COMPUTER ORIENTED STATISTICAL METHODS(153AJ)	RV	1000
2	196Y1A0483	R18	2	1	ELECTRONIC DEVICES AND CIRCUITS(153AT)	RV	1300
3	196Y1A05A4	R18	2	1	COMPUTER ORIENTED STATISTICAL METHODS(153AJ)	RV	1000

Total RV Amount:3000

Total RC Amount:0

Grand Amount:3000

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## RC/RV RESULTS

HTNO	SUBJECT_CODE	SUBJECT_NAME	INTE_RNAL	EXTE_RNAL	TOTAL	GR_ADE	GRADE_POINTS	CRE_DITS	GRADE_STATUS
196Y1A0483	153AT	ELECTRONIC DEVICES AND CIRCUITS	17	16	33	F	0	0	Grade No Change
196Y1A05A4	153AJ	COMPUTER ORIENTED STATISTICAL METHODS	11	20	31	F	0	0	Grade No Change
216Y5A0502	153AJ	COMPUTER ORIENTED STATISTICAL METHODS	20	17	37	F	0	0	Grade No Change

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\* RC/RV- RC Stands for Re-counling / 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(181AK)	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	226Y1A0506	R22	1	1	MATRICES AND CALCULUS(181AK)	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(181AK)	RV	1000	✓
15	226Y1A9407	R22	1	1	APPLIED PHYSICS(181AA)	RV	1000	✓

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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	<b>226Y1A0540</b>	<b>181AJ</b>	<b>ENGINEERING CHEMISTRY</b>	<b>33</b>	<b>22</b>	<b>55</b>	<b>B</b>	<b>6</b>	<b>4</b>	<b>Grade Change</b>
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	<b>226Y1A0566</b>	<b>181AJ</b>	<b>ENGINEERING CHEMISTRY</b>	<b>29</b>	<b>29</b>	<b>58</b>	<b>B</b>	<b>6</b>	<b>4</b>	<b>Grade Change</b>
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	<b>226Y1A6698</b>	<b>181AP</b>	<b>PROGRAMMING FOR PROBLEM SOLVING</b>	<b>27</b>	<b>33</b>	<b>60</b>	<b>B+</b>	<b>7</b>	<b>3</b>	<b>Grade Change</b>
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	<b>226Y1A66H8</b>	<b>181AA</b>	<b>APPLIED PHYSICS</b>	<b>35</b>	<b>28</b>	<b>63</b>	<b>B+</b>	<b>7</b>	<b>4</b>	<b>Grade Change</b>
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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