



SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

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2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

S. No.	INDEX	Link
1	Examination Branch Process Flowchart-1	View document
2	Mechanism of Internal Grievance Flowchart-2	View document
3	Mechanism of External Grievance Flowchart-3	View document
4	Examination Committee Circular	View document
5	Academic Calendar	View document
6	Monitoring Committee Circular	View document
7	Notice for Mid Question Paper	View document
8	Schedule	View document
9	Instructions to the Invigilators	View document
10	Duty List	View document
11	Seating Arrangement	View document
12	Attendance	View document
13	Absentees Report	View document
14	Question Paper	View document
15	Answer Key	View document
16	Answer Script	View document
17	Grievance-External Exams	View document



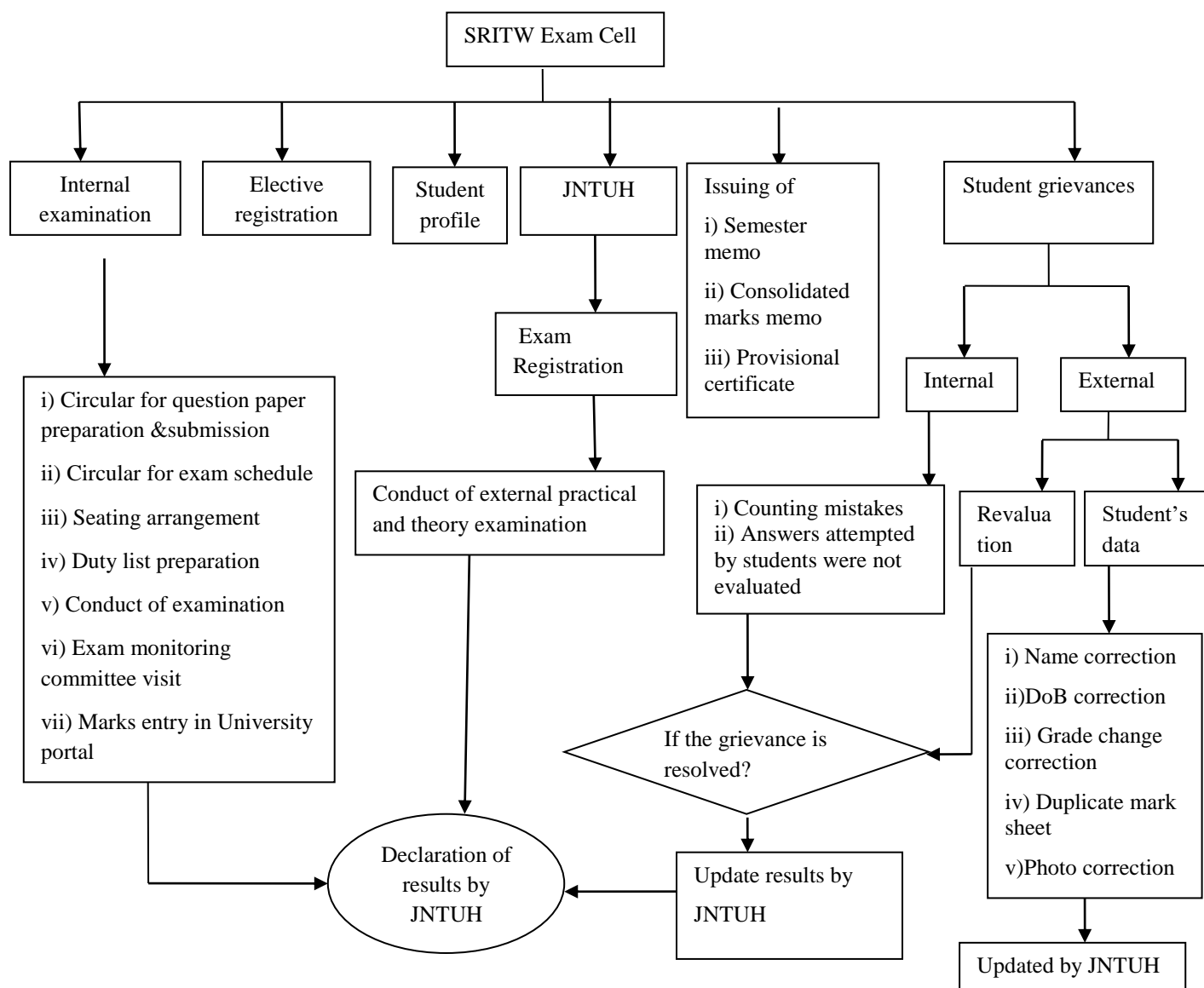
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Examination Branch Process



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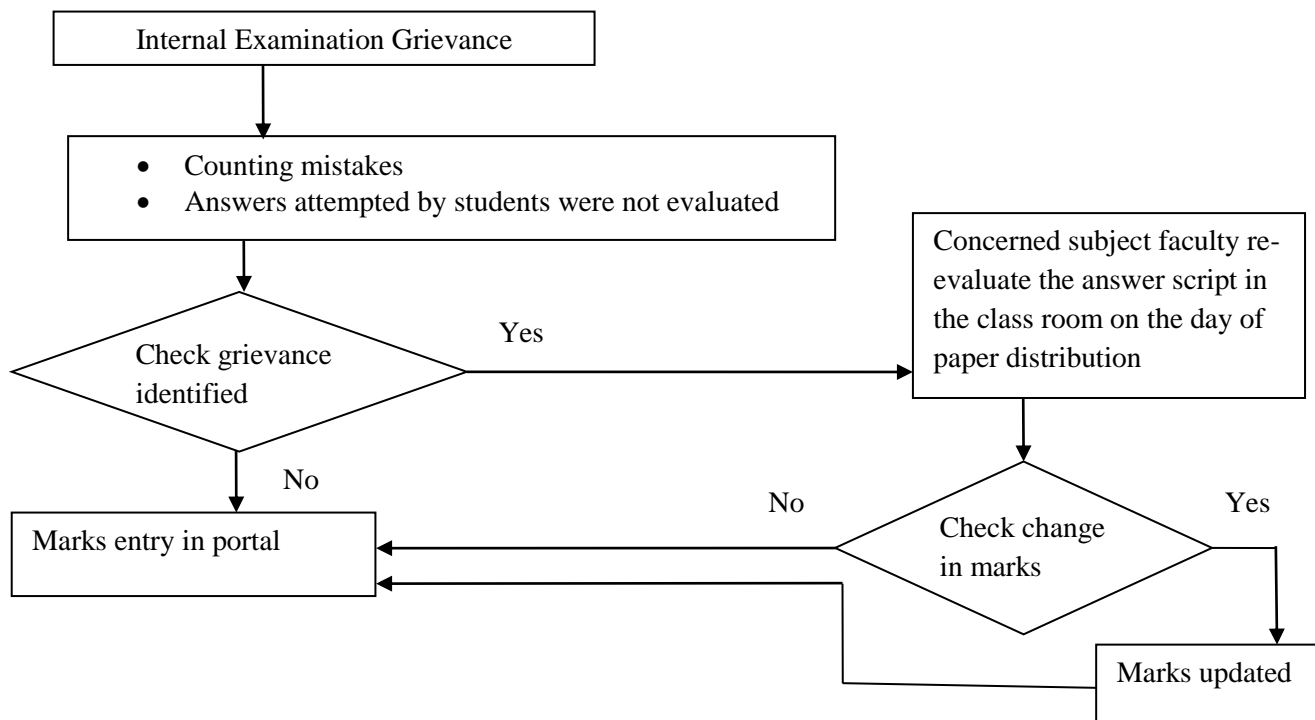
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Mechanism of Internal Grievance



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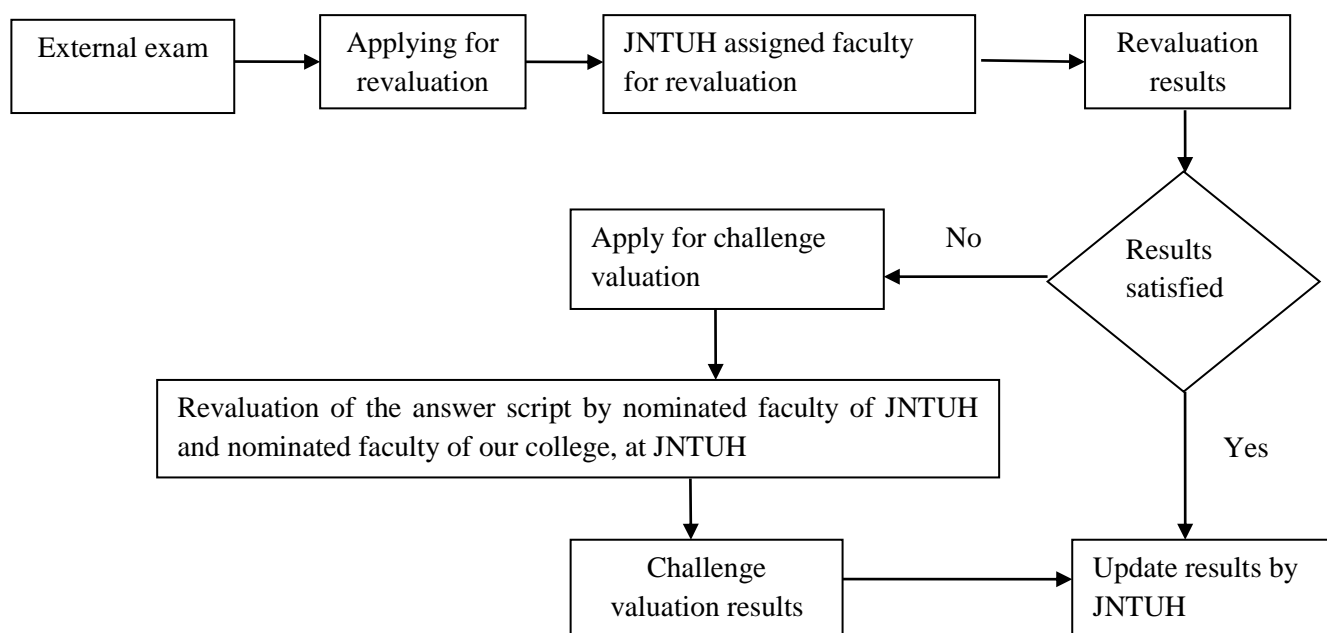
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Mechanism of External Grievance



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Date: 12-06-2022

Circular

The following listed staff nominated as exam branch committee members for the smooth conduction of the exams.

S. No	Name of the staff	Designation
1	Mr. N. Govardhan	Chairman
2	Mr. E. Kumaraswamy	Member
3	Mr. MD. Rafee	Member
4	Ms. M. Prathibha	Member

Role and responsibilities of the committee

The following common activities to be carried out in internal examination

- Examination hall and seating arrangements, collecting question papers from the faculty, selection of question paper set, photocopying question papers for all tests (Internal examinations). Monitoring the students during the commencement of the examinations. Collection of answer booklets and absentees report in the internal examination. Issuing the scripts to concerned subject faculty for evaluation and collecting award list along with the valuated scripts within two days after completion of the exam.

The following common activities to be carried out in the university examination

- Preparing practical exam schedule, circulate the theory exam schedule / practical schedule in all class rooms. Monitoring the students during the commencement of exams. Collecting the university booklets.
- Result Analysis

Tenure of the committee

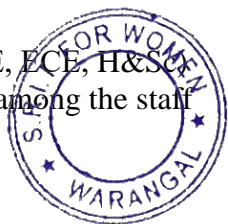
- The internal faculty members of the committee shall hold the office for a minimum of three years.

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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 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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Date: 12-06-2022

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.



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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** 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.

In-Charge of Examinations

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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

TIMETABLE

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




Principal
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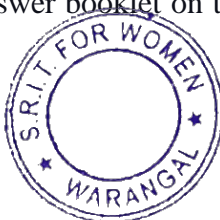
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Date: 12-06-2023

EXAMINATION BRANCH

Instructions 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, faculty 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.



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14. Give an announcement in the exam hall that, “neither invigilators nor college is responsible for the mobile phones or personal belongings.
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 incharges 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. 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



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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	*	*	*	*	*

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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.

In-Charge of Examination

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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	Jashne	Jashne	Jashne	Jashne	Jashne
6	206Y1A0406	B.Rajalaxmi	B.Rajalaxmi	B.Rajalaxmi	B.Rajalaxmi	B.Rajalaxmi
7	206Y1A0407	Shruti	Shruti	Shruti	Shruti	Shruti
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 →	Dinpa Reddy	Dinpa Reddy	Dinpa Reddy
17	206Y1A0417	D. Adithunitha	D. Adithunitha	D. Adithunitha	D. Adithunitha	D. Adithunitha
18	206Y1A0418	E.Sathwik	E.Sathwik	E.Sathwik	E.Sathwik	E.Sathwik
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	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 Inv.		Principal	Principal	Principal	Principal	Principal



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

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

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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	AN	FN	AN	AN
		Sign	Sign	Sign	Sign	Sign
1	206Y1A0425	J. Divij	J. Divij	J. Divij	J. Divij	J. Divij
2	206Y1A0427	Laxmipavani	Laxmipavani	Laxmipavani	Laxmipavani	Laxmipavani
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	(Kul)	(Kul)	(Kul)	(Kul)	(Kul)
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. Vishwanth	P. Vishwanth	P. Vishwanth	P. Vishwanth	P. Vishwanth
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. Babu	P. Babu	P. Babu	P. Babu
Present		22	22	23	23	23
Absent		02	02	01	01	01
Total		24	24	24	24	24
Sign. of the Invg.						



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

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

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

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	V.Nikitha	V.Nikitha	V.Nikitha	V.Nikitha	V.Nikitha
14	216Y5A0401	A.Rishika	A.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	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
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	Huma	Huma	Huma	Huma
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						



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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	MMP	MMP	MMP	MMP	MMP
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	Shimona	Shimona	Shimona	Shimona	Shimona
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	—
Total		11	11	11	11	11
Sign. of the Invg.		Anitha	Shate	Welf	Sup	By



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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

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ABSENT LIST

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

Date: 24/06/2023 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	20-5A4 = 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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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

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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- 547 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

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ABSENT LIST

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

Date: 30/06/2023

(AN
(FN))

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

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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

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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. 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) $\tan fc$ d) $\sin fc$
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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MID-II Key-Antennas and Wave Propagation

Descriptive

1. 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
2. Derive array factor of n -element uniform linear array?
Diagram of n element uniform linear array – 1 mark

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

Till equation - 2 marks

Full derivation without any mistakes – 4 marks

3. Construction and working of Yagi-uda antenna?
Diagram – 1 mark
Constructional specifications – 1 mark
Explanation – 3 marks
4. 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)
2. B(4π)
3. B(Radiation Intensity)
4. D(Length of Vertical side)
5. A(Broadside)
6. C(Binomial)
7. D(all the above)
8. B(4L/λ)
9. D(wire)

11. two
12. Beam width between first Nulls
13. 4
14. Similar
15. First method
16. $\sin(n\psi/2)/\sin(\psi/2)$
17. Driven element
18. Flaring

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

10. D(Improve standing Wave)

$$20. E_{\theta} = \frac{I_m dl \sin \theta}{4\pi\epsilon} \left[\frac{-\omega \sin \omega t_1}{C^2 r} + \frac{\cos \omega t_1}{Cr^2} + \frac{-\omega \sin \omega t_1}{\omega r^3} \right]$$



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INTERNAL EXAMINATION MAIN ANSWER BOOK

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

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

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

	I	II	III	IV
a				
b				
c				
Total				

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

No. of Additional Used: 1

Shale
Signature of invigilator

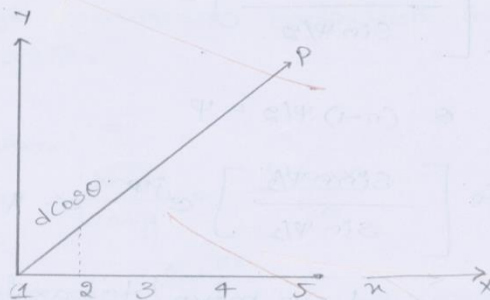
[Signature]
Signature of Examiner

(Start Writing from here)

2. Array 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 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, $E_1 = E_2 = E_3 = E_0$

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



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

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

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

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

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

Divide and multiply with "2j"

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

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

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

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

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

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

In the above expression, E_0 is the primary pattern.



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from L'Hospital rule

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

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

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

$$E_{norm} = \frac{E_r}{E_{r \max}} = \frac{E_0}{nE_0} \frac{\sin n\psi/2}{\sin \psi/2}$$

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

Directivity of end fire array :-

Direction of maximum radiation intensity is parallel along the axis.

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

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

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

$$\psi = \beta d \cos \theta + \alpha$$

$$= \beta d \cos \theta - \beta d$$


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

($\therefore \sin \frac{\theta}{2} = \frac{\theta}{2}$)

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

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

Let $\frac{nBd(\cos\theta-1)}{2} = z$

$\frac{nBd}{2} (-\sin\theta) = dz$

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

if $\theta=0 \Rightarrow \frac{nBd}{2} (\cos 0 - 1) = 0$

$\theta=\pi \Rightarrow \frac{nBd}{2} (\cos \pi - 1) = -nBd$

from (5)

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

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

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

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

$$U_0 = \frac{\pi}{2nBd}$$

w.k.T $C_{\max} = 1$



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ADDITIONAL ANSWER BOOK



Subject : _____

Invigilator's Signature _____

Addl. No. _____

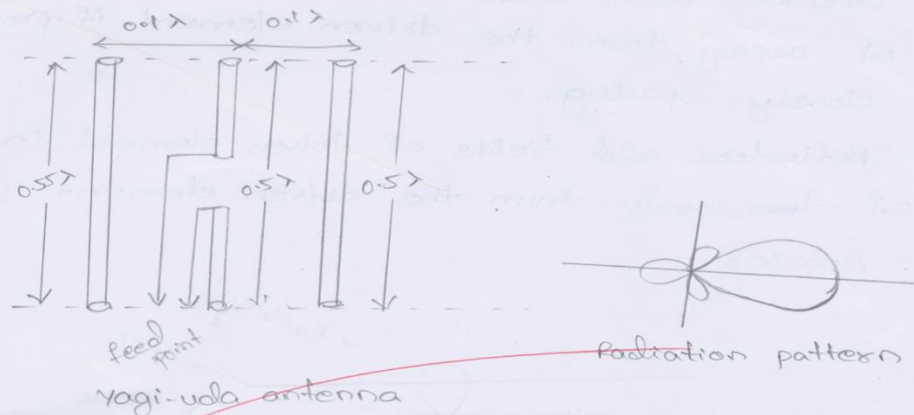
[Signature]

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

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

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.



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



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5. It included the rear end of driven element as reflector and its length larger than other elements.

6. The length of the elements as given below

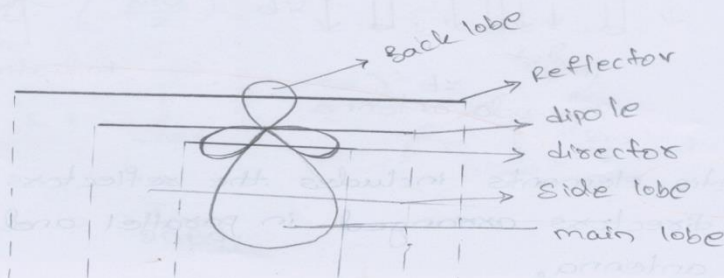
Reflector length $\frac{500 \text{ (MHz)}}{f \text{ (MHz)}} \text{ feet}$

Director length $\frac{475}{f \text{ (MHz)}} \text{ feet}$

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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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: B. Anusha Ht. No. 206Y1A0407

- 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.
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 (a) array is the one in which elements are fed with a current of equal magnitude and phase.
a) Broadside b) Endfire
c) Parasitic d) Collinear
- In (c) array minor lobes are eliminated.
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)

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

10. Which of the following doesn't apply for flaring? (d)
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 Comparison formula.
- The array factor of n-element uniform linear array is $E_{array} = \frac{\sin n\psi/2}{\sin \psi/2}$
- 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 aperature
- Direction of pattern maxima $[(\theta_{max})_{min}]$ of Endfire array is $\cos^{-1}[\frac{\pm(2N+1)\lambda}{2L}]$
- The Eθ Component of current element is given by $E_\theta = \frac{Im dl \sin \theta}{4\pi \epsilon} \left[\frac{-\omega \sin \omega t}{c^2 R} + \frac{\cos \omega t}{cR} + \frac{\sin \omega t}{\omega R^2} \right]$



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

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RC/RV RESULTS

HTNO	Subject Code	Subject Name	Internal	External	Total	Grade	Grade Points	Credits	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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I B.Tech. I Sem. RC/RV Resultst- 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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