

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
Accredited by NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD),
Visakhapatnam-531113



Certificate Course
on

RF Microwave & Transmission Line Theory – RHRF200

From 12th Mar 2018 to 17th Mar 2018



ORGANIZED BY
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
MAKAVARAPALEM (V), VISAKHAPATNAM-531113

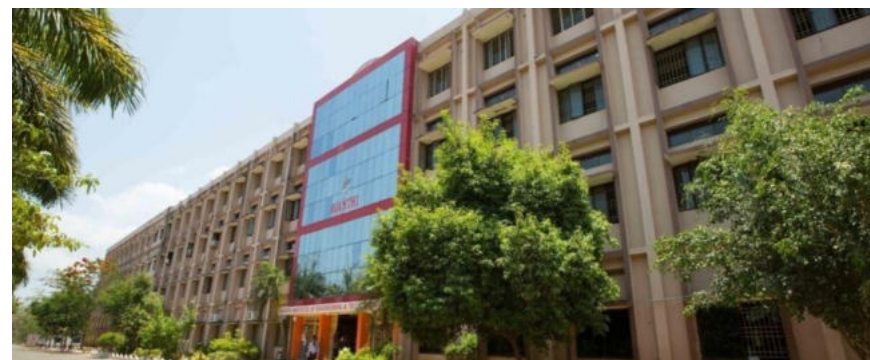
AVANTHI EDUCATIONAL SOCIETY

Avanthi Educational Society under the Leadership of Sri M.Srinivasa Rao garu as chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution and with the innovative ideas of our advisory board.

Today, Avanthi Educational Society is proud to have a strength of over 16000 students with 15 institutions under its ambit. It is the path of glory towards the success during the last 19 years. The institution has been adjudged many times as the second best educational institutions in the twin cities and 16th best in all over India through the impartial survey made by the renowned magazine "India Today".

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.



It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The ECE Department was established in the year 1999 with an intake of 60 students and this was increased to 120 students in the 2007 and increased to 180 students in the 2012. The department has an eminent faculty and well supported infrastructure and laboratories. The faculty keeps abreast with the latest advances in technology and ensures that hardware equipment and related software are upgraded to ensure its students are able to keep pace with current trends in technology and the industry.

The department also offers a Post – Graduate courses in DECS and VLSI Design. The students are encouraged to participate in workshops, industrial internship, industrial visits and seminars; along with the projects assigned during the course, these activities enable them to broaden their outlook and build in professionalism that makes their transition from college to industry smoother after graduation.

ABOUT COURSE

Fiber optic systems are a vital telecommunication infrastructure for world-wide broadband networks. Wide information measure signal transmission with low delay could be a key demand in gift day applications. Optical fibers give huge and unexceeded transmission information measure with negligible latency, and are currently the transmission medium of alternative for long distance and high rate transmission in telecommunication networks. This paper offers an outline of fiber optic communication systems together with their key technologies, and conjointly discusses their technological trend towards future generation..

TOPICS TO BE COVERED

- Complete understanding of RF Microwaves
- Transmission line theory
- Smithchart
- Waveguides
- Impedance Matching

For Registration please contact Mr P.Ashok Kumar, Assistant Professor, ECE

CHIEF PATRON Smt.M.Gnaneswari President, Avanthi Educational Society	PATRON Dr. C P V N J Mohan Rao Principal, Avanthi Institute Of Engineering And Technology	CHAIRMAN Sri. E. Govinda Head of the Department Electronics and Communication Engineering
---	---	---



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
Accredited by NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)

Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

Date: 07/03/2018.

This is informed to all the II B.Tech ECE students that our department is planning to conduct one week course on "RF Microwave & Transmission Line Theory – RHRF200" scheduled from 12-03-2018 to 17-03-2018. It is directed to all the students of II ECE to utilize this opportunity to enhance your technical skills. For more details about registration process and participation contact Course Coordinator Mr P.Ashok Kumar, Assistant Professor, ECE.

Resource Person Details:

1. Srinu Budumuru,
Assistant Professor,
Department of ECE,
GITAM University,
Visakhapatnam.

2. Dr.J.Sudhakar,
Professor,
Department of ECE,
Vignana's Institute of Engineering for Women,
Visakhapatnam.


E. Govinda

Head of the Department,
ECE.

Copy to: Principal, AIET

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531113.



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

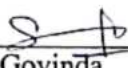
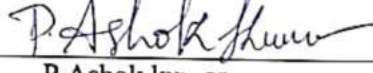
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

RF Microwave & Transmission Line Theory – RHRF200

From 12-03-2018 to 17-03-2018

SYLLABUS

- Day-1: Complete understanding of RF Microwaves
- Day-2: Transmission line theory
- Day-3: Smith chart
- Day-4: Waveguides
- Day-5: Impedance Matching
- Day-6: RAHRF-200

 E. Govinda CHAIRMAN & Head of the Department Electronics and communication Engineering	 P. Ashok Kumar Asst. Professor
	Coordinator

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech.
Makavarapalem, Visakhapatnam Dist-531113.



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

RF Microwave & Transmission Line Theory – RHRF200

From 12th Mar 2018 to 17th Mar 2018

Schedule

Day-1 (12/03/2018)

09:00 to 10:00	Inaugural Session
10:00 to 12:00	Introduction to <i>RF Microwave</i>
12:00 to 01:00	Lunch Break
01:00 to 04:00	Integrated circuits, programmable logic devices

Day-2 (13/03/2018)

09:00 to 12:00	Gate Level Modeling
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explanation of gate level modelling examples

Day-3 (14/03/2018)

09:00 to 12:00	Modeling at Dataflow Level
12:00 to 01:00	Lunch Break
01:00 to 04:00	Data flow modelling techniques

Day-4 (15/03/2018)



09:00 to 12:00	Behavioral Modeling
12:00 to 01:00	Lunch Break
01:00 to 04:00	Procedural statements, simulation controlling

Day-5(16/03/2018)

09:00 to 12:00	Switch Level Modeling
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explanation of mos switches

Day-6(17/03/2018)

09:00 to 12:00	System Tasks, Functions and Compiler Directives
12:00 to 01:00	Lunch Break
01:00 to 04:00	Terminating simulation and conclusion

 E. Govinda CHAIRMAN & Head of the Department Electronics and Communication Engineering	 P.Ashok kumar Asst. Professor
	Coordinator

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531 115



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

RF Microwave & Transmission Line Theory – RHRF200

From 12th March 2018 to 17th March 2018

II & III BTECH ECE STUDENTS ATTENDANCE LIST

S.NO	REG NO	NAME OF THE STUDENT	12/3	13/3	14/3	15/3	16/3	17/3
1	15811A0401	AARLI ESTHER RANI	✓	✓	✓	✓	✓	✓
2	15811A0402	ADIGARLA PAVAN	✓	✓	✓	✓	✓	✓
3	15811A0403	ANGATI CHAITANYA BABU	✓	✗	✓	✓	✓	✓
4	15811A0404	ANNAMREDDY SAI VENKAT	✓	✓	✓	✓	✓	✓
5	15811A0405	BATTULU PAVANI	✓	✓	✓	✓	✓	✓
6	15811A0406	BERI MOUNICA JYOTHI	✓	✓	✓	✓	✓	✓
7	15811A0408	BOJA RAMU	✗	✓	✓	✓	✓	✓
8	15811A0413	CHINTHALAPUDI PUNNA RAO	✓	✓	✓	✓	✓	✗
9	15811A0414	CHITIKELA CHINA BABULU	✓	✓	✓	✓	✓	✓
10	15811A0415	CHITIKELA SAI HARI KRISHNA	✓	✓	✗	✓	✓	✓
11	15811A0416	DADI NAVEEN	✓	✓	✓	✓	✓	✓
12	15811A0417	DADI RAMA SWAMY NAIDU	✓	✓	✓	✓	✓	✓
13	15811A0418	DWARAPUDI VENKATALAKSHMI	✓	✓	✓	✓	✓	✓
14	15811A0419	GADI PREMANVITHA	✓	✓	✓	✓	✓	✓
15	15811A0421	GANIREDDI KARUNAKUMARI	✓	✓	✓	✗	✓	✓
16	15811A0422	GARLANKA VIMALA	✓	✓	✓	✓	✓	✓
17	15811A0423	GEDDAM GIRISH	✓	✓	✓	✓	✓	✓
18	15811A0424	GOLLAVILLI HARISH	✓	✓	✓	✓	✓	✓
19	15811A0426	GONTHINA YAMINI	✓	✓	✓	✓	✓	✓
20	15811A0427	GORREPATI TEJAVATHI	✓	✓	✓	✓	✓	✓
21	15811A0429	KANDREGULA PRAVEEN GIRI BABU	✓	✓	✓	✓	✗	✓
22	15811A0430	KARAKA HYMAVATHI	✓	✓	✓	✓	✓	✓
23	15811A0431	KARETI ANUDEEP	✓	✓	✓	✓	✓	✓
24	15811A0433	KILAPARTHI REVATHI	✓	✓	✓	✓	✓	✓
25	15811A0434	KILLADA BHAVANI	✓	✓	✓	✓	✓	✓
26	15811A0435	KILLI DIVYA	✓	✓	✓	✓	✓	✓

27	15811A0436	KORUBILLI LOVARAJU	✓	✓	✓	✓	✓	✓
28	15811A0437	KORUPOLU RATNAKAR	✓	✓	✓	✓	✓	✓
29	15811A0438	KORUPROLU KANNA BABU	✓	✓	✓	✓	✓	✓
30	15811A0439	KOTHARU SWAPNA SUDEEPTHI	✓	✓	✓	✓	✓	✗
31	15811A0440	KUDIRELLA APARNA SAI VARSHINI	✓	✓	✓	✓	✓	✓
32	15811A0442	MADUGULA PAVAN JOGI NAIDU	✓	✓	✗	✓	✓	✓
33	15811A0443	MAKIREDDI GANGADHAR	✓	✓	✓	✓	✓	✓
34	15811A0444	MALLA HARI KALYAN	✓	✓	✓	✓	✓	✓
35	15811A0445	MALLA RITHWIK ADITYA MANOJ	✓	✗	✓	✓	✓	✓
36	15811A0446	MAMIDI NANI	✓	✓	✓	✓	✓	✓
37	15811A0447	MARTHI SANDHYA RANI	✓	✓	✓	✓	✓	✓
38	15811A0448	MEDISETTY SAI SRI	✓	✓	✓	✓	✓	✓
39	15811A0449	MEKALA GIRIDHAR	✓	✓	✓	✓	✓	✓
40	15811A0450	NAGAM RAMYA	✓	✓	✓	✓	✓	✓
41	15811A0451	NALLA NAVEEN	✓	✓	✓	✓	✓	✓
42	15811A0453	PAILA RAJESWARI	✓	✓	✓	✓	✓	✓
43	15811A0454	PALLA SURESH	✓	✓	✓	✓	✓	✓
44	15811A0455	PALLI JAYALALITHA	✓	✓	✓	✓	✓	✓
45	15811A0456	PAPPU MANISHA	✓	✓	✓	✓	✓	✓
46	15811A0457	PENTA TARUN KUMAR	✓	✓	✓	✓	✓	✓
47	15811A0458	PENUMALLU SANTHOSH KUMAR	✗	✓	✓	✓	✓	✓
48	15811A0459	PITLA LAVANYA	✓	✓	✓	✓	✓	✓
49	15811A0460	POLIREDDY RAMPRASAD	✓	✓	✓	✓	✓	✓
50	15811A0461	POTNURU REETHU PRIYANKA	✓	✓	✓	✗	✓	✓
51	15811A0463	PUPPALA PARIMALA	✓	✓	✓	✓	✓	✓
52	15811A0464	RABARKI PAVAN KUMAR	✓	✓	✓	✓	✓	✓
53	15811A0465	SALAPU RAMA VENKATA SAIMANI	✓	✓	✓	✓	✓	✓
54	15811A0466	SAMIREDDY PAVAN KALYAN	✓	✓	✓	✓	✗	✓
55	15811A0467	SHASANK KUMAR	✓	✓	✓	✓	✓	✓
56	15811A0468	SIRAM SHANMUKHA	✓	✓	✓	✓	✓	✓
57	15811A0470	SURLA PRATHUSHA DEEPTHI	✓	✓	✓	✓	✓	✓
58	15811A0472	TAGARAMPUDI JAGADISH	✓	✓	✓	✓	✓	✓
59	15811A0473	TAMARANA LAXMANA RAO	✓	✓	✓	✓	✓	✓
60	15811A0474	THAKARE MOHAN	✓	✓	✓	✓	✓	✓
61	15811A0476	VEDULLA HEMA	✓	✓	✓	✓	✓	✓

62	15811A0477	VEESAM VENKATA PAVAN KUMAR	✓	✓	✓	✓	✓	✓
63	15811A0478	VUDI S V KOUSALYA	✓	✓	✓	✓	✓	✓
64	15811A0479	YAGADASU JAYA LAKSHMI	✓	✓	✓	✓	✓	✓
65	16815A0401	APPALABATTULA GANESH	✓	✓	✓	✓	✓	✓
66	16815A0405	CHITIKELA USHA	✓	✓	✓	✓	✓	✓
67	16815A0407	DWARAPUDI HARI KRISHNA	✓	✓	✓	✓	✓	✓
68	16815A0408	GANIREDDI DINESH KUMAR	✓	✓	✓	✓	✓	✓
69	16815A0409	GATREDDI GIRI GANESH	✓	✓	✓	✓	✓	✓
70	16815A0410	GOPALLI SATYA VENI	✓	✓	✓	✓	✓	✓
71	16815A0411	GUMMALA MADHAVI LATHA	✓	✓	✓	✓	✓	✓
72	16815A0412	KARNENA SANTOSH KUMAR	✓	✓	✓	✓	✓	✓
73	16815A0414	KANKATALA NAVYA	✓	✓	✓	✓	✓	✓
74	16815A0415	KILAPARTHI RAJA KUMAR	✓	✓	✓	✓	✓	✓
75	16815A0417	KOPPOJU SWATHI	✓	✓	✓	✓	✓	✓
76	16815A0418	KOTHALA HARISH	✓	✓	✓	✓	✓	✓
77	16815A0419	KUNCHILI SWAMY	✓	✓	✓	✓	✓	✓
78	16815A0420	LALAM SAI KUMAR	✓	✓	✓	✓	✓	✓
79	16815A0421	MADASU SAIRAMANUDEEP	✓	✓	✓	✓	✓	✓
80	16815A0422	MAMIDI SATYAVENI	✓	✓	✓	✓	✓	✓
81	16815A0423	MARAPUREDDI GANESH	✓	✓	✓	✓	✓	✓
82	16815A0424	MAROJU SATYA GANESH	✓	✓	✓	✓	✓	✓
83	16815A0425	MEDISETTI GANGA BHAVANI	✓	✓	✓	✓	✗	✓
84	16815A0426	NEMALA VEERA VENKATESH	✓	✓	✓	✓	✓	✓
85	16815A0427	PAPPALA NANAJI	✓	✓	✓	✓	✓	✓
86	16815A0428	PILLA SARATHKUMAR	✓	✗	✓	✓	✓	✓
87	16815A0429	POLIREDDI RAJU	✓	✗	✓	✓	✓	✓
88	16815A0432	RAMOJU ARAVIND GOWTHAM	✓	✓	✓	✓	✓	✓
89	16815A0433	RAMOJI SURYA SAI RAMA DEVI	✓	✓	✓	✓	✓	✓
90	16815A0435	RONGALA DAYAVATHI	✓	✓	✓	✓	✓	✓
91	16815A0436	RUTTALA VENKATESH	✓	✓	✓	✓	✓	✓
92	16815A0437	SETTI SIVA	✓	✓	✓	✓	✓	✓
93	16815A0438	SHEIK WASIM	✓	✓	✓	✓	✓	✓
94	16815A0439	SINGAMPALLI KIRAN KUMAR	✓	✓	✓	✓	✓	✓
95	16815A0440	SRUNGAVARAPU KATYAYANI	✓	✓	✓	✓	✓	✓
96	16815A0441	THRIPURALA SITARAM	✓	✓	✓	✓	✓	✓
97	16815A0442	VAGUPALLI SUGUNA	✓	✗	✓	✓	✓	✓

98	16811A0401	ADDEPALLI NAVYA SRI	✓	✓	✓	✓	✓	✓
99	16811A0402	ALLA LAKSHMI	✓	✓	✓	✓	✓	✓
100	16811A0403	BAILAPUDI TARUN KUMAR	✓	✓	✗	✓	✓	✓
101	16811A0404	BALIREDDI MOHANKUMAR	✓	✓	✓	✗	✓	✓
102	16811A0405	BANTUPALLI BHASKAR RAO	✓	✓	✓	✓	✓	✓
103	16811A0406	BATHI SAI PRASANNA	✓	✓	✓	✓	✓	✓
104	16811A0407	BATTALA DILEEP KUMAR	✓	✓	✓	✓	✓	✓
105	16811A0408	BATTULA USHA	✓	✓	✓	✓	✓	✓
106	16811A0409	BIKKAVILLI SAMBASIVA RAO	✓	✗	✓	✓	✓	✓
107	16811A0410	BOBBILI VAMSI	✓	✓	✓	✓	✓	✓
108	16811A0411	BODDEDA SAIRAM	✗	✓	✓	✓	✓	✓
109	16811A0412	BOLEM VENKATA RAVI TEJA	✓	✓	✓	✓	✓	✓
110	16811A0413	BOMMALI LEELAMOCHAN	✓	✓	✓	✓	✓	✓
111	16811A0414	BURRI MANASA	✗	✓	✓	✓	✓	✓
112	16811A0417	DATLA LAXMI SIVA SAHITHI	✓	✓	✓	✓	✓	✓
113	16811A0418	DIMILI RENUKA	✓	✓	✓	✓	✓	✓
114	16811A0419	DODDI GIRIDHAR SAI	✓	✓	✓	✓	✓	✓
115	16811A0421	GANGUPAM MOUNIKA	✓	✓	✓	✓	✓	✓
116	16811A0422	GARAGA YUGA SRI	✓	✓	✓	✓	✓	✓
117	16811A0423	HITHESHI SANJAY HAZARNIS	✓	✓	✓	✓	✗	✓
118	16811A0424	KAKI LALITHA	✓	✓	✓	✓	✓	✓
119	16811A0425	KOLLI JAYASRI	✓	✓	✓	✓	✓	✓
120	16811A0426	KONCHA ARJUNAMMA	✓	✓	✓	✓	✓	✓
121	16811A0427	KOSANA ASWINI	✓	✓	✓	✓	✓	✓
122	16811A0428	KOTA CHITTIBABU	✗	✓	✓	✓	✓	✓
123	16811A0429	KOYILADA V V PARASURAM	✓	✓	✓	✓	✓	✓
124	16811A0430	KUNDRAPU SUSEELA	✓	✓	✓	✓	✗	✓
125	16811A0431	KUPPILI CHANDAN MEHER	✓	✓	✓	✓	✓	✓
126	16811A0432	KURACHA MADHU TRINADH	✓	✗	✓	✓	✓	✓
127	16811A0433	LALAM REVATHI	✓	✓	✓	✓	✓	✓
128	16811A0434	MAKIREDDI RAMADEVI	✓	✓	✓	✓	✓	✓
129	16811A0436	MALLA PUSPARCHANA	✓	✓	✓	✓	✓	✓
130	16811A0437	MATA SAI LAKSHMI	✓	✓	✗	✓	✓	✓
131	16811A0438	MATURU MANIKANTHA	✓	✓	✓	✓	✓	✓
132	16811A0439	MOURYA SANDEEP	✓	✓	✓	✓	✓	✓
133	16811A0440	MUKTA VISHNU	✓	✗	✓	✓	✓	✓
134	16811A0441	MUNAGAPAKA LOVAKUMARI	✓	✓	✗	✓	✓	✓
135	16811A0442	MUNJETI UMA SRI	✓	✓	✓	✓	✓	✓
136	16811A0443	NABA SAILAKSHMI	✓	✓	✓	✓	✓	✓

		PRASANNA						
137	16811A0444	NANDIPALLI SRI NAVYA	✓	✓	✓	✓	✓	✓
138	16811A0445	NEERUKATTU MAHESH	✓	✓	✓	✓	✓	✓
139	16811A0446	PALLA SRINIVAS	✓	✗	✓	✓	✓	✓
140	16811A0447	PEDIREDLA SAILAKSHMI	✗	✓	✓	✓	✓	✓
141	16811A0448	PENTAKOTA ALEKHYA	✓	✓	✓	✓	✓	✓
142	16811A0449	PILAKA VINEETHAREDDY	✓	✓	✓	✓	✓	✓
143	16811A0450	POLIMERA GAJAPATHI	✓	✓	✓	✓	✓	✓
144	16811A0451	POOSALA VIJAYA BABU	✓	✓	✓	✓	✓	✓
145	16811A0452	PUSARLA SAI KEERTHANA	✓	✓	✓	✓	✓	✓
146	16811A0453	RACHAPATTI HAREESH	✗	✓	✓	✓	✓	✓
147	16811A0454	RAPETI BHARATH SAI	✓	✓	✓	✓	✓	✓
148	16811A0455	RAPETI SRINIVAS	✓	✓	✓	✗	✓	✓
149	16811A0457	SAPPA KOMALI	✓	✓	✓	✓	✓	✗
150	16811A0458	SARAGADAM MANEENDRA	✓	✓	✓	✓	✗	✓
151	16811A0459	SUNDARAPU SURYAKALA	✓	✓	✓	✓	✓	✓
152	16811A0460	SURLA ROHINI	✓	✓	✓	✓	✓	✓
153	16811A0461	THAMADA RAASI	✓	✓	✓	✓	✓	✓
154	16811A0462	TOGARU KRANTHI	✓	✓	✓	✓	✓	✓
155	16811A0463	UDDANDAM MADHAV KUMAR	✓	✓	✓	✓	✓	✓
156	16811A0464	VARADA KUMAR	✓	✓	✓	✓	✓	✓
157	16811A0465	VASIREDDY VISHNU VARDHAN	✓	✓	✓	✓	✓	✓
158	16811A0466	VIJAY PRASAD	✓	✓	✓	✓	✓	✓
159	16811A0467	VIVEK PATNAIK	✓	✓	✓	✓	✓	✓
160	16811A0468	VOMMI SAEBHA RANI	✓	✓	✓	✓	✓	✓
161	16811A0470	YERRAMSETTI PRASAD	✓	✓	✓	✓	✓	✓
162	17815A0401	ADARI EEPSITHA	✓	✓	✓	✓	✓	✓
163	17815A0402	BONTHU RAMESH BABU	✓	✗	✓	✓	✓	✓
164	17815A0403	CHITIKELA VENKATESH	✓	✓	✓	✓	✓	✓
165	17815A0404	CHUKKA SRINIVAS	✗	✓	✓	✓	✓	✓
166	17815A0405	CHUKKALA NANDINI	✓	✓	✓	✓	✓	✓
167	17815A0406	DALIYA NAGESWARARAO	✓	✓	✓	✓	✓	✓
168	17815A0407	KADIMISETTI MANIKANTA	✓	✓	✗	✓	✓	✓
169	17815A0408	KAMIREDDI SWATHI	✓	✓	✓	✓	✓	✓
170	17815A0409	LOKA DEVI PRASAD	✓	✓	✓	✓	✓	✓
171	17815A0410	MAJJI NAGA SREENU	✓	✓	✗	✓	✓	✓
172	17815A0414	NUKARAPU SAIRAM	✓	✓	✓	✓	✓	✓
173	17815A0415	PEELA YAMINI	✓	✓	✓	✓	✓	✓
174	17815A0416	RONGALA GANESH	✓	✓	✓	✓	✓	✓

175	17815A0417	SAMOJU SATISH	✓	✓	✓	✓	✓	✓
176	17815A0418	SUNNAM SAI KUMAR	✓	✓	✓	✓	✓	✓

P. Ashok Kumar
Coordinator

S. J.
HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech.
Makavarapalle, West Godavari Dist-531 113.



AVANTHI INSTITUTE OF ENGINEERING ANTECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Course on

RF Microwave & Transmission Line Theory – RHRF200

Dated :- 12/03/2018



P. Ashok Kumar
Coordinator

[Signature]
HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech.
Makavarapalem, Visakhapatnam District, India



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
Accredited by NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tatamam, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dt: 19/03/2018.

BRIEF REPORT

Avanthi Institute of Engineering and Technology had organized a certificate course on "RF microwave & transmission line theory-RAHRF 200" From 12th MAR 2018 to 17th MAR 2018 in Department of Electronics and Communication Engineering.

We had Srinu Eudumuru, Assistant Professor, Department of ECE, GITAM University, Visakhapatnam as a speaker to explain each and every detail about RF microwave transmission, he explained the need for rf microwave, the important take away from this section is that a signal moves on a transmission line as forward- and backward-traveling waves.

Dr.J.Sudhakar, Professor, Department of ECE, Vignana's Institute of Engineering for Women, Visakhapatnam, described how transmission line works, Transmission line theory is developed in terms of traveling voltages and current waves.


Coordinator


Head of the Department

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & Tech.
Tatamam, Visakhapatnam - 531113.



AVANTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada, ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-53111

Certificate of Participation

This is to certify that Mr./Ms. _____ of _____ has participated in the Certificate Course entitled on **RF Microwave & Transmission Line Theory – RHRF200** conducted from 12-03-2018 to 17-03-2018 was organized by the Department of Electronics And Communication Engineering at Avanathi Institute of Engineering and Technology.

Coordinator

HOD

Principal