

**NEW HORIZON COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**  
**ENGINEERING**

**18/02/2020**

**GUEST LECTURE**

This is to inform to VI semester students of ECE that the guest lecture is arranged on 20-02-2020 at Chanakya seminar hall between 10:00AM to 1:00PM.

**Topic to be delivered : Microwave active and passive devices**  
**Name of the Speaker : Mr. Jyotirmoy Koner**  
**Designation : Senior Member of Technical Staff**  
**Company : BEL**

Respective subject teachers are hereby informed to be present at the Chanakya seminar hall during the lecture.

All the faculty members are invited to attend the same without affecting the regular classes.



**Guest Lecture coordinator**



**HoD-ECE**

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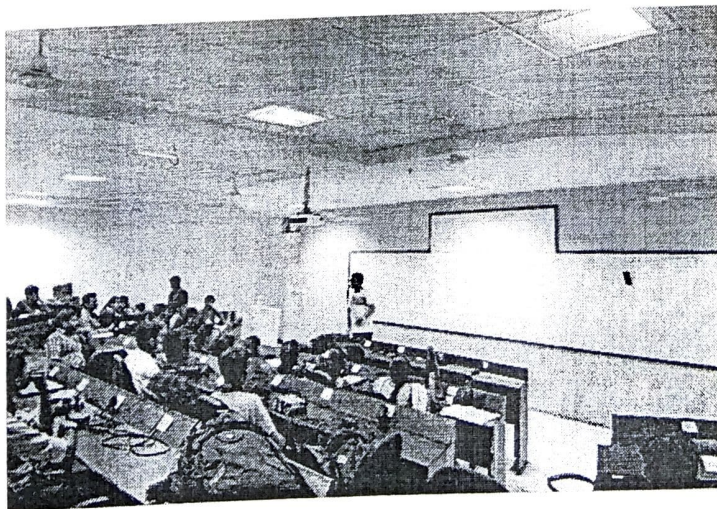
**Report on Guest Lecture**

**Topics: Microwave active and passive devices**

A Guest lecture on Microwave active and passive devices was conducted on 20<sup>th</sup> February 2020 by Mr. Jyotirmoy Koner who is working at Bharat Electronics Ltd, Bangalore.

He briefed that the Active and passive microwave devices and components are the essential building blocks of microwave circuits and systems that operate in the frequency range from 300 MHz to 300 GHz (corresponding to wavelengths of 1 m to 1 mm in free space). This chapter only presents passive components that are composed of lumped or distributed elements or a combination of both. At lower frequencies (e.g., 300 MHz-10 GHz), the emphasis is on lumped elements to keep circuit dimensions small. At higher frequencies, the quality of lumped elements deteriorates rapidly, and mostly distributed elements are employed. Microwave circuits are a combination of passive and active components, whereby the passive part easily makes up 75% or more of the circuit real estate area. Without passive components (e.g., filters, matching circuits, circulators, isolators resistors, etc.), active components (e.g., transistors, tubes) cannot be operated.

Overall the session was interactive. The session was organized by Dr. Sanjeev Sharma, HoD, Dept of ECE along with the faculty coordinators Ms.Divya Sharma and Ms.Tessy Tomy.



sl no	USN	NAME	SECTION	Sign
1	1NH14EC015	Amudha G	A	<i>Amudha</i>
2	1NH16EC013	B.yugabdhhar Reddy	A	<i>B.P.S.</i>
3	1NH16EC027	Eldho Jose	A	<i>eldho</i>
4	1NH16EC039	Kiran N	A	<i>Kiran</i>
5	1NH17EC002	ADESH V	A	
6	1NH17EC003	Aditya Choudhary	A	<i>Aditya</i>
7	1NH17EC004	akshitha	A	<i>Akshitha</i>
8	1NH17EC005	Anand T	A	
9	1NH17EC006	Anand T	A	
10	1NH17EC007	Ankit Kumar	A	<i>Ankit</i>
11	1nh17ec008	Arun Y S	A	<i>Arun</i>
12	1NH17EC009	B. S. ABHISHEK	A	
13	1NH17EC010	B YAMINI	A	<i>B Yamini</i>
14	1NH17EC011	BHARATH M	A	<i>Bharath</i>
15	1NH17EC012	Bharath Y R	A	
16	1NH17EC013	BHASKAR K	A	<i>Bhaskar</i>
17	1NH17EC014	BOGGARAPU MOURYA YASWANATH	A	<i>Boggarapu</i>
18	1NH17EC015	B.Naga Maheswar Reddy	A	<i>Naga Maheswar</i>
19	1NH17EC016	C O Pruthvi	A	<i>Pruthvi</i>
20	1NH17EC018	CHETHAN B R	A	
21	1NH17EC019	Deekshith N.reddy	A	
22	1NH17EC021	Devashrutha S	A	<i>Devashrutha</i>
23	1NH17EC022	Dhanyashree	A	<i>Dhanyashree</i>
24	1NH17EC023	Divya Sagar Reddy	A	<i>Divya</i>
25	1nh17ec026	G R Varsha	A	
26	1NH17EC027	Gagan B K	A	<i>Gagan</i>
27	1NH17EC028	Gautam Sinha	A	<i>Gautam Sinha</i>
28	1NH17EC030	H K BHASKAR	A	<i>Bhaskar</i>
29	1NH17EC031	HARSHITHA G	A	<i>Harshitha G</i>
30	1NH17EC032	I Harshavardhan	A	
31	1NH17EC034	Jerin Johnson	A	<i>Jerin</i>
32	1NH17EC035	Jitender	A	
33	1NH17EC036	SIRISH KR	A	
34	1NH17EC037	K S SNEHALATHA	A	<i>Snehalatha</i>
35	1NH17EC038	Karan Srinivas	A	
36	1NH17EC039	KAVYASHREE S	A	<i>Kavyashree</i>
37	1NH17EC040	Kevine Prasanna Kumar	A	
38	1NH17EC041	Kushala c	A	<i>K.C</i>
39	1NH17EC042	M.BHARAT	A	
40	1NH17EC043	Hemanth M	A	
41	1NH17EC044	Madala Himaja	A	<i>Himaja</i>
42	1nh17ec045	Madhumitha	A	
43	1NH17EC046	MADHUPARNA BANERJEE	A	
44	1NH17EC047	MAMATHA B S	A	<i>Madhuparna</i>
45	1NH17EC048	Manikanta	A	

46	1nh17ec049	Manish	A	
47	1NH17EC051	Milan Rao	A	
48	1NH17EC052	Mohammed Ghassan	A	<u>Maht</u>
49	1NH17EC053	Monika K Reddy	A	<u>Maht</u>
50	1NH17EC054	Nanduri sri lasya	A	
51	1NH17EC055	NAVAJITH R REDDY	A	<u>Maht</u>
52	1NH17EC056	Naveen K M	A	<u>Maht</u>
53	1NH17EC057	Nettem parnitha	A	<u>N. Parthi</u>
54	1NH17EC058	Nikith babu	A	<u>N. Parthi</u>
55	1NH17EC127	Suman Pal	A	
56	1NH17EC128	Suhail pasha	A	<u>Suhail</u>
57	1NH17EC129	Bathula Sri Sai Krishna	A	
58	1NH17EC130	Anisha Devi	A	<u>Anisha</u>
59	1NH17EC131	ASHWIN SP	A	<u>Anisha</u>
60	1NH17EC132	Avinash.Murakonda	A	
61	1NH17EC133	T Surya prakash reddy	A	<u>Surya</u>
62	1NH17EC135	P.R.SAI KARTHIK	A	
63	1NH17EC137	Gangadhara Varshitha	A	
64	1NH18EC405	Charan S	A	<u>Charan</u>
65	1NH18EC407	NAGESH N REDDY	A	<u>Pragati</u>
66	1NH18EC408	Pragati Shrinivas Naik	A	
67	1NH18EC409	Prashant Joshi	A	
68	1NH18EC410	Ravi S	A	<u>Ravi</u>
69	1NH18EC414	SANTOSH B GONAL	A	<u>Santosh</u>
70	1nh18ec417	Spoorthi. S. T	A	<u>Spoorthi</u>
71	1NH18EC418	Swaroop M R	A	
72	1NH18EC421	Vinod k	A	<u>Vinod</u>
73	1nh18ec422	Yashwanth nk	A	<u>Yashwanth</u>
74	1NH18EC424	Naveen .N	A	
75	1nh18ec425	Nikhil sirsikar	A	<u>Nikhil</u>
76	1NH18EC428	Sandeep reddy v	A	
77	1NH18EC432	VISHAL NAYAK	A	
78	1NH16EC061	Mohit Sahu	B	<u>Mohit</u>
79	1NH16EC074	Pavan Kumar s	B	
80	1NH16EC111	Veda Milind Kulkarni	B	<u>Veda</u>
81	1NH17EC060	NISHMITHA C SHETTY	B	
82	1NH17EC062	Nithin R Kalliguddi	B	<u>Nithin</u>
83	1NH17EC063	P. JYOTHI KRISHNA	B	
84	1NH17EC064	P.Vikas	B	<u>Vikas</u>
85	1NH17EC065	partha sarathi N	B	<u>Partha</u>
86	1NH17EC066	P.Phanindra	B	
87	1NH17EC068	Pranay Chaturvedy	B	
88	1NH17EC069	Praveen Kumar s	B	
89	1NH17EC070	Preethu C	B	<u>Preethu</u>
90	1NH17EC071	Prince Chaurasiya	B	
91	1NH17EC072	PUNEETH REDDY V	B	<u>Puneeth</u>

92	1NH17EC074	R Kishan Kumar Sai	B	
93	1NH17EC075	R Raghava	B	Raghava
94	1NH17EC077	RAHUL V	B	Rah
95	1NH17EC079	Renuka D N	B	Renuka
96	1NH17EC080	RIYA RAKESH	B	
97	1NH17EC081	Rohith P Gowda	B	
98	1NH17EC082	Rupsa datta	B	Rupsa
99	1NH17EC083	RISHITA S	B	
100	1NH17EC084	Saikat Samanta	B	
101	1NH17EC085	Saimanti Saha	B	Saimanti
102	1NH17EC086	Samyuktha V	B	
103	1NH17EC087	Sateesh R Hegde	B	Sateesh
104	1NH17EC088	Shakthi A	B	
105	1NH17EC089	Shalini P N	B	
106	1NH17EC091	SHIVA S	B	Shiva
107	1NH17EC092	Shoaib Ahmed	B	
108	1NH17EC093	Shrestha Patnaik	B	
109	1NH17EC094	SHREYANKA S	B	
110	1NH17EC095	SHWETA.S	B	Shweta
111	1NH17EC096	Souvik Das	B	Souvik
112	1NH17EC097	SOWMIYA A	B	
113	1NH17EC099	Stanislaus Lasrado	B	
114	1NH17EC100	SUHAIB AFNAN	B	A Sub
115	1NH17EC101	SUHAS HG	B	
116	1NH17EC102	SUHAS SP	B	Sub S.
117	1NH17EC103	SUMITHRA V ARADHYA	B	
118	1NH17EC104	Sunil Patil	B	
119	1NH17EC105	Sushma.S	B	Sushma
120	1nh17ec106	Syale raj Kumar	B	
121	1NH17EC107	VENKATA VARUN SAI	B	
122	1NH17EC108	Tejas K	B	Tejas K.
123	1NH17EC109	Thejas U	B	
124	1NH17EC111	T . VENKATA SAI MANI TEJA	B	
125	1NH17EC112	Giridhar	B	Giridhar
126	1NH17EC113	Dharanidhar Reddy v	B	
127	1NH17EC114	Sai laalithya vr	B	Sai laalithya
128	1NH17EC115	Mounika V.S	B	
129	1NH17EC117	VIDHYA. B	B	
130	1NH17EC118	Vidhyashree B M	B	Vidhyashree
131	1NH17EC119	VINDHYA NARAYAN	B	
132	1NH17EC120	Vishwajyothi B Reshmi	B	
133	1NH17EC122	Y C ABHAY KUMAR	B	Abhay
134	1NH17EC123	Yadheesh	B	
135	1NH17EC124	YASH MALVIYA	B	Yash
136	1NH17EC125	YASEER FAIZ AHMED N	B	
137	1NH17EC126	VAISHALI MS	B	Vaishali

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**FEEDBACK FORM**

**NAME OF THE EVENT: GUEST LECTURE**

**FEEDBACK ON:** *Microwave Active and Passive Devices*

**Instruction: Please put a tick in the appropriate column**

<b>Rating</b>	<b>Clarity</b>	<b>Visuals</b>	<b>Skills</b>	<b>Guidance</b>	<b>Overall</b>
<b>Excellent</b>					
<b>Good</b>	✓	✓	✓	✓	✓
<b>Average</b>					
<b>Satisfactory</b>					

**Comments/Remarks/Suggestions:**

Name & USN No (optional)

Signature (optional)