



**VIGNANA BHARATHI**  
Institute of Technology



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**Department Performance  
Presentation**


**by**

**B Brahma Reddy  
HOD of ECE Department**



# VISION

To emerge as a premier Institution for Technical Education in the country through Academic Excellence and to be recognized as a centre for Excellence in Research & Development, catering to the needs of our country



# MISSION

To establish a strong institution by consistently maintaining state-of-the-art infrastructure and building a cohesive, world class team by providing need based technical education and promoting Research and Development through enhanced Industry Interaction.



## **MAJOR EVENTS OF THE YEAR**

- Shifting to Aakash Building
- Establishing additional Labs
- Installing additional software
- Cancellation of M.Tech programmes
- Inspections



# STUDENTS

B.Tech				M.Tech			
2015-16		2016-17		2015-16		2016-17	
II-Year	240	II-Year	240	I-Year(CS)	0	I-Year(CS)	
III-Year	180	III-Year	240	I-Year(ES)	0	I-Year(ES)	
IV-Year	180	IV-Year	180	II-Year(CS)	9	II-Year(CS)	0
				II-Year(ES)	23	II-Year(ES)	0

# FACULTY

Available	Leave	Not available	Adjunct	Total
40	4	15	3	62

- NUMBER OF SUBJECTS TO BE HANDLED 66
- NUMBER OF LABS TO BE HANDLED 25
- NUMBER OF SUBJECTS FOR M.TECH. 12
- NUMBER OF LABS FOR M.TECH. 2



## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
1	Mrs. CBR Lakshmi	EMTL	II-A	65	64	5	5	3	90	Attendance Coordinator
2	Ms.Belcy D Mathews	ECA	II-A	65	64	5	5	5	70	Library Coordinator
3	Mr.L.Rajeshwar reddy	PDC	II-A	65	66	5	5	5	70	Timetable/Coordinator
5	Mr.S.Kiran babu	DDTV	II-A	64	54	5	5	5	77	Student activity
4	Ratanji	PEE	II-A	68	70	5	5	2		
6	Venkat	GS	II-A	40	30	5	5	2		
7	Suman babu	ES	II-A	65	45	5	5	2		
8	Ms.Belcy D Mathews	ECPC LAB	II-A		42	16 EXP				Library coordinator
9	Ratanji	ET LAB	II-A		42	13 EXP				
10	Mr.Md.Yousuf	EMTL	II-B	65	65	5	5	2	80	Timetable/Seminar Coordinator
11	Ms. T. Pushpa Bai	ECA	II-B	68	67	5	5	4	87	Main Project Coordinator
12	Ms.B.Srija	PDC	II-B	60	64	5	5	2	49	Mentoring
13	Mr. Vidya Sagar	DDTV	II-B	64	58	5	5	5	100	UG-Coordinator/ NBA Coordinator
14	Mallikarjun	PEE	II-B	68	71	5	5	2		

## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
15	Swaroopaa	GS	II-B	34	32	5	5	2		
16	Hemalatha	ES	II-B	65	58	5	5	2		
17	Pushpa Bai	ECPC LAB	II-B		42	16 EXP				Main project coordinator
18	Mallikarjun	ET LAB	II-B		39	12 EXP				
19	Mr.V. Sravan Kumar	EMTL	II-C	61	61	5	5	2		seminars
20	Mr. M. Praveen Kumar	ECA	II-C	68	70	5	5	2	88	Atmel Project Coordinator/IOT
21	Mrs.B. Divya	PDC	II-C	66	74	5	5	4	85	Mentoring
22	Mr.Ch srikanth chary	DDTV	II-C	55	49	5	5	2	91	Mentoring
23	Sainath chary	PEE	II-C	68	53	5	5	2		
24	D K M Sharma	GS	II-C	40	36	5	5	2		
25	ashiwini	ES	II-C	65	30	5	5	2		
26	Divya	ECPC LAB	II-C		36	16 EXP				Mentoring
27	Sainath chary	ET LAB	II-C		45	13 EXP				

## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
28	Mr.K.Bharath	EMTL	II-D	65	74	5	5	2	71	Main Project Coordinator
29	Mr. Bhaskar Gugulothu	ECA	II-D	68	58	5	5	2	85	Main Project Coordinator/ IOT
30	Mrs.K.Leela Bhavani	PDC	II-D	70	64	5	5	2	96	Mentoring
31	Mrs. Y. Roji	DDTV	II-D	56	51	5	5	2	96	PG-Coordinator/ ES
32	Varaprasad	PEE	II-D	68	60	5	5			
33	suneetha	GS	II-D	32	32	5	5			
34	Shirish kumar	ES	II-D							
35	Bhaskar	ECPC LAB	II-D		42	16 EXP				Main project coordinator
36	Varaprasad	ET LAB	II-D		39	12 EXP				
37	Mr. K.J. Onesim	MPMC	III-A	65	62	5	5	3		Exam Branch Coordinator
38	Mrs.P.V. Ramana	DC	III-A		63	5	5	2		Mentoring
39	Prof.D.S.Rao	DSP	III-A	68	61	5				Seminars coordinator, Mentoring coordinator
40	Ms. R.Neeharika	VLSI	III-A	65	59	5	5	2	85	Guest Lecture Coordinator/ Academic



## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
41	Bikshapathi	MEFA	III-A	56	58	5	5	2		
42	Mr.Md.You suf	MPMC LAB	III-A		42	12 EXP				Time table coordinator
43	D S Rao	DSP LAB	III-A							Seminars coordinator, Mentoring coordinator
44	Mrs.P.sreevani	MPMC	III-B	60	58	5	5	2		Seminars
45	Ms. Suneetha. Ch	DC	III-B	65	62	5	5	2		UG-Coordinator
46	Mr. Ch. Rajendra Prasad	DSP	III-B	61	54	5	5	2		Exam Branch Coordinator
47	Mr. K.J. Onesim	VLSI	III-B	62	58	5	5	3		Exam Branch Coordinator
48	Bikshapathi	MEFA	III-B	56	57					
49	Srivani	MPMC LAB	III-B		36	28exp				Seminars
50	R Prasad	DSP LAB	III-B		36					Exam setion
51	Ms.J.Nirmala	MPMC	III-C	65	58	5	5	2	92	Tutorial Coordinator
52	Ms.Belcy D Mathews	DC	III-C		62	5	5	5	70	Library Coordinator
53	Mr.B.Anilkumar	DSP	III-C	61	60	5	5	5	95	Mini Project Coordinator

## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
54	Mrs.N.Himabindu	VLSI	III-C	68	70	5	5	3	87	Mentoring
55	Bikshapathi	MEFA	III-C	56	58	5	5	2		
56	Nirmala	MPMC LAB	III-C		36	28 EXP				Tutorials
57	B.Anil Kumar	DSP LAB	III-C		42	16 EXP				Mini Project Co-Ordinator
58	Anjaneya Murthy	IPR	III-A/B/C	60	62					Main projects
59	Prudhvi Raj	HVPE	III-A/B/C							
60	P.Kiran	DM	III-A/C	60	55					
61	Anitha	DM	III-B	60	56					
62	Mr. G.Krishna Kishore	RS	IV-A	60	50	8	8	2	99	T & P Coordinator
63	Mr. S.A. Mansoor	WCN	IV-A	64	51	8	8	2	83	NBA/NAAC
64	Ms.M H Sushma Mercilin	CMC	IV-A	60	50	8	8	2		Mentoring

## ACADEMIC RECORD 2015-16 II SEMESTER

S.No.	NAME OF THE FACULTY	SUBJECT	CLASS	NO OF LECTURES PLANNED	NO OF CLASSES CONDUCTED	NO OF UNITS COVERED	NO OF TUTORIALS CONDUCTED	NO OF ASSIGNMENT CONDUCTED	PASS PERCENTAGE OF I SEM	OTHER ACTIVITY
65	Mr.K.Bharath	RS	IV-B	60	53	8	8	2	71	Main Project Coordinator
66	Prof. B. Brahma Reddy	WCN	IV-B	66	64	8	6	2	83	HOD
67	Ms.B.Srija	CMC	IV-B	55	53	8	8	2	49	Mentoring
68	Ms. Tota Sravanthi	RS	IV-C	68	54	8	8	2	87	PG-Coordinator/C S
69	Mr.D.Vijaya Narshima	WCN	IV-C	65	65	8	8	2	85	Mentoring
70	Mrs.B.Rajeshwari	CMC	IV-C	60	59	8	8	2	90	Main Project Coordinator
71	Mrs.Manga				70					Special Lab
72	Mr.T.V. Chandra Shekhar				70					Special Lab
73	P.Umesh				70					IETE Co-Ordinator, Special Lab
74	Mr.Ajay				70					Special Lab
75	Mr.Subba Rao				70					Special Lab
76	Mrs.Jyothi				70				80	Special lab

# ACADEMIC DETAILS

## II ECE-A

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	ECA	BELCY D MATHEWS	2/1/2016	19/1/2016	7/4/2016	15/3/2016	31/3/2016	2/1/2016	31/3/2016	
2	PDC	L.RAJESHWAR REDDY	29/12/2015	22/1/2016	20/2/2016	29/3/2016	9/4/2016	29/12/2015	31/3/2016	
3	EMTL	C.B.R LAKSHMI	18/1/2016	30/1/2016	11/3/2016	19/3/2016	4/4/2016	25/1/2016	30/3/2016	
4	DDTV	Mr.KIRAN BABU	31/12/2015	23/1/2016	20/2/2016	7/4/2016	9/4/2016	23/1/2016	30/3/2016	
5	ES	SAI TEJA	14/1/2016							
6	PEE	RATHNAJI	4/1/2016	27/1/2016	26/3/2016	28/3/2016	7/4/2016	10/2/2016	16/4/2016	

## II ECE-B

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	ECA	T.PUSHPA	9/1/2016	29/1/2016	19/3/2016	2/4/2016	7/4/2016	18/1/2016	24/3/2016	
2	PDC	SREEJA	22/12/2015	18/1/2016	11/3/2016	26/3/2016	6/4/2016	2/1/2016	1/4/2016	
3	EMTL	Md.YOSOUF	18/1/2016	1/2/2016	21/2/2016	24/3/2016	16/4/2016	12/1/2016	1/4/2016	
4	DDTV	P.VIDYA SAGAR	28/12/2015	13/1/2016	15/2/2016	18/3/2016	7/4/2016	14/1/2016	9/4/2016	
5	ES	Mrs.HEMALATHA	30/1/2016	5/2/2016	9/4/2016	9/4/2016	13/4/2016	30/1/2016	9/4/2016	
6	PEE	Mr.MALLIKARJUN	28/12/2015	18/1/2016	2/2/2016	24/3/2016	16/4/2016	14/1/2016	24/3/2016	

# ACADEMIC DETAILS

## II ECE-C

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	ECA	M.PRAVEEN KUMAR	8/1/2016	3/2/2016	19/3/2016	19/4/2016	9/4/2016	27/1/2016	16/4/2016	
2	PDC	B.DIVYA	11/1/2016	25/1/2016	14/3/2016	9/4/2016	9/4/2016	3/2/2016	25/4/2016	
3	EMTL	V.SRAVAN KUMAR	13/1/2016	9/2/2016	21/3/2016	26/3/2016	1/4/2016	1/2/2016	21/4/2016	
4	DDTV	SRIKANTH CHARY CH	21/1/2016	4/2/2016	16/3/2016	10/4/2016	16/4/2016	3/2/2016	2/4/2016	
5	ES	ASHWIN	28/1/2016	11/2/2016	28/2/2016	16/3/2016	1/4/2016	18/1/2016	1/2/2016	
6	PEE	SAINATH CHARY	8/1/2016	23/1/2016	20/2/2016	12/3/2016	8/4/2016	5/2/2016	21/4/2016	

## II ECE-D

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	ECA	G.BHASKAR	10/1/2016	29/1/2016	21/3/2016	1/4/2016	6/4/2016	20/1/2016	26/3/2016	
2	PDC	K.LEELA BHAVANI	29/12/2015	20/1/2016	19/3/2016	24/3/2016	6/4/2016	13/1/2016	24/3/2016	
3	EMTL	K.BHARATH	19/1/2016	1/2/2016	16/3/2016	22/3/2016	9/4/2016	19/1/2016	31/3/2016	
4	DDTV	Y.ROJI	19/1/2016	1/2/2016	21/3/2016	31/3/2016	9/4/2016	19/1/2016	31/3/2016	
5	ES	SHIRISH	12/12/2015	1/2/2016	16/2/2016	12/3/2016	4/4/2016	25/1/2016	23/3/2016	
6	PEE	VARA PRASAD	7/1/2016	25/1/2016	18/3/2016	31/3/2016	6/4/2016	1/2/2016	6/4/2016	

# ACADEMIC DETAILS

## III ECE-A

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	DC	P.V.RAMANA	5/1/2016	25/1/2016	19/3/2016	29/3/2016	9/4/2016	6/2/2016	21/3/2016	
2	VLSI	R.NEEHARIKA	9/1/2016	30/1/2016	19/3/2016	9/4/2016	9/4/2016	30/12/2015	9/4/2016	
3	MPMC	K.J.ONESIM	4/1/2016	2/1/2016	5/3/2016	28/3/2016	9/4/2016	4/1/2016	8/4/2016	
4	DSP	D.S.RAO								
5	MEFA	Mr.BHIKSHAPATHI	9/1/2016	23/1/2016				28/12/2015	4/4/2016	
6	IPR/DM/HVPE	K.S.ANJANEYA MURTHY/KIRAN KUMAR/PRUTHVI RAJ	31/12/2016	12/1/2016	16/3/2016	24/3/2016		19/1/2016	30/3/2016	

## III ECE-B

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	DC	CH.SUNEETHA	6/1/2016	25/1/2016	20/2/2016	22/3/2016	6/4/2016	19/1/2016	26/3/2016	
2	VLSI	K.J.ONESIM	23/1/2016	4/2/2016	19/3/2016	2/4/2016	9/4/2016	20/1/2016	2/4/2016	
3	MPMC	SREEVANI	5/1/2016	1/2/2016	28/3/2016	4/4/2016	16/4/2016	18/1/2016	29/3/2016	
4	DSP	RAJENDRA PRASAD	4/1/2016	30/1/2016	20/2/2016	22/3/2016	5/4/2016	5/1/2016	30/3/2016	
5	MEFA	KMr.BHIKSHAPATHI	11/1/2016	23/1/2016				28/12/2015	16/3/2016	
6	IPR/DM/HVPE	K.S.ANJANEYA MURTHY/KIRAN KUMAR/PRUTHVI RAJ	31/12/2015	20/1/2016	27/1/2016	16/3/2016		30/12/2015	20/3/2016	

# ACADEMIC DETAILS

## III ECE-C

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	A1- DATE	A2-DATE	REMARKS
1	DC	BELCY D MATHEWS	31/12/2015	21/1/2016	7/4/2016	18/3/2016	30/3/2016	7/1/2016	18/3/2016	
2	VLSI	N.HIMABINDU	22/12/2015	6/2/2016	19/3/2016	21/3/2016	7/4/2016	19/1/2016	31/3/2016	
3	MPMC	NIRMALA	31/12/2015	4/2/2016	24/2/2016	2/3/2016	9/4/2016	4/2/2016	2/3/2016	
4	DSP	B.ANIL KUMAR	20/1/2016	28/1/2016	24/3/2016	24/3/2016	24/3/2016	6/1/2016	24/3/2016	
5	MEFA	BHIKSHAPATHI	11/1/2016	30/1/2016				28/12/2015	16/3/2016	
6	IPR/DM/HVPE	K.S.ANJANEYA MURTHY/KIRAN KUMAR/PRUTHVI RAJ	20/1/2016	31/1/2016	3/3/2016	4/3/2016	4/4/2016	20/1/2016	30/2/2016	



# ACADEMIC DETAILS

## IV ECE-A

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	T6- DATE	T7- DATE	T8- DATE	A1- DATE	A2-DATE	REMARKS
1	CMC	M.SUSHMA	31/12/2015	8/1/2016	22/1/2016	5/2/2016	14/3/2016	24/3/2016	31/3/2016	7/4/2016	9/1/2016	31/3/2016	
2	WCN	S.A.MANSOOR	31/12/2015	2/1/2016	23/1/2016	7/2/2016	26/3/2016	24/3/2016	2/4/2016	9/4/2016	24/1/2016	31/3/2016	
3	RS	G.KRISHNA KISHORE	31/12/2015	21/1/2016	23/1/2016	6/2/2016	24/3/2016	26/3/2016	3/4/2016	9/4/2016	25/1/2016	31/3/2016	

## IV ECE-B

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	T6- DATE	T7- DATE	T8- DATE	A1- DATE	A2-DATE	REMARKS
1	CMC	SREEJA	9/1/2016	5/2/2016	22/1/2016	4/2/2016	19/3/2016	31/3/2016	7/4/2016	26/3/2016	22/1/2016	2/4/2016	
2	WCN	B.BRAHMA REDDY	31/12/2015	4/2/2016	22/1/2016	28/1/2016	20/2/2016	19/3/2016			6/2/2016	6/4/2016	
3	RS	K.BHARATH	22/1/2016	29/1/2016	5/2/2016	19/2/2016	17/3/2016	26/3/2016	7/4/2016	7/4/2016	4/2/2016	6/4/2016	



# ACADEMIC DETAILS

## IV ECE-C

S.NO.	SUBJECT	FACULTY NAME	T1- DATE	T2- DATE	T3- DATE	T4- DATE	T5- DATE	T6- DATE	T7- DATE	T8- DATE	A1- DATE	A2-DATE	REMARKS
1	CMC	Mrs.RAJESHWARI	18/12/2015	7/1/2016	22/1/2016	5/2/2016	10/3/2016	18/3/2016	31/3/2016	4/4/2016	5/2/2016	2/4/2016	
2	WCN	Mr.VIJAYA NARSIMHA	31/12/2015	22/1/2016	19/1/2016	19/2/2016	12/2/2016	31/3/2016	7/4/2016	16/4/2016	6/2/2016	31/3/2016	
3	RS	T.SRAVANTHI	31/12/2015	21/1/2016	23/2/2016	5/2/2016	12/3/2016	26/3/2016	7/4/2016	9/4/2016	23/1/2016	31/3/2016	



# SEMINAR REPORT

## II ECE-A

S.NO.	SEMINAR CO-ORDINATOR	TOTAL NO OF STUDENTS	SESSION-1 DATE	NO. OF STUDENTS PRESENTED	SESSION-2 DATE	NO. OF STUDENTS PRESENTED	SESSION-3 DATE	NO. OF STUDENTS PRESENTED	SESSION-4 DATE	NO. OF STUDENTS PRESENTED	TOTAL NO OF STUDENTS PRESENTED OF ALL SESSIONS
1	SREEVANI BAI	54	17/3/2016	2	18/3/2016	5	24/3/2016	5	26/3/2016	6	18 OUT OF 54

## II ECE-B

S.NO.	SEMINAR CO-ORDINATOR	TOTAL NO OF STUDENTS	SESSION-1 DATE	NO. OF STUDENTS PRESENTED	SESSION-2 DATE	NO. OF STUDENTS PRESENTED	SESSION-3 DATE	NO. OF STUDENTS PRESENTED	SESSION-4 DATE	NO. OF STUDENTS PRESENTED	TOTAL NO OF STUDENTS PRESENTED OF ALL SESSIONS
1	K.SURESH	57	20/1/2016	7	3/2/2016	4	20/3/2016	3	21/3/2016	8	22 OUT OF 57

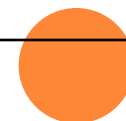
# SEMINAR REPORT

## II ECE-C

S.NO.	SEMINAR CO-ORDINATOR	TOTAL NO OF STUDENTS	SESSION-1 DATE	NO. OF STUDENTS PRESENTED	SESSION-2 DATE	NO. OF STUDENTS PRESENTED	SESSION-3 DATE	NO. OF STUDENTS PRESENTED	SESSION-4 DATE	NO. OF STUDENTS PRESENTED	TOTAL NO OF STUDENTS PRESENTED OF ALL SESSIONS
1	V.SRAVAN KUMAR	58	18/3/2016	3	20/3/2016	2	26/3/2016	1	29/3/2016	4	10 OUT OF 58

## II ECE-D

S.NO.	SEMINAR CO-ORDINATOR	TOTAL NO OF STUDENTS	SESSION-1 DATE	NO. OF STUDENTS PRESENTED	SESSION-2 DATE	NO. OF STUDENTS PRESENTED	SESSION-3 DATE	NO. OF STUDENTS PRESENTED	SESSION-4 DATE	NO. OF STUDENTS PRESENTED	TOTAL NO OF STUDENTS PRESENTED OF ALL SESSIONS
1	MD.MOHSIN ALI	43	17/3/2016	3	18/3/2016	2	21/3/2016	2			7 OUT OF 43




# RESULT ANALYSIS 2015-16 I SEMESTER

## II YEAR -I SEM

Basic Simulation Lab	Electrical Circuits	Electronic Devices & Circuits	Electronic Devices & Circuits Lab	M-III	PTSP	Signals & Systems	Switching Theory and Logic Designs	Total pass %
97.56%	83.90%	89.29%	98.54%	80.98%	87.80%	78.05%	90.24%	<b>43.90%</b>

## III YEAR -I SEM

Analog Communications	Analog Communications Lab	Antennas & Wave Propagation	Computer Organization	Control Systems Engineering	EMI	IC Applications & HDL Simulation Lab	Linear & Digital IC Applications	Total Pass %
78%	96%	85%	74%	85%	78%	98%	81%	<b>51%</b>



# RESULT ANALYSIS

## IV YEAR –I SEM

<b>Computer Networks</b>	<b>E-CAD &amp; VLSI Lab</b>	<b>Embedded Systems</b>	<b>Management Science</b>	<b>Microwave Engineering &amp; Digital Communications Lab</b>	<b>Micro wave Engineering</b>	<b>Telecommu nication Switching Systems</b>	<b>VLSI Design</b>	<b>Total pass %</b>
83%	98%	75%	73%	97%	83%	93%	92%	<b>53%</b>



## CO-CURRICULAR ACTIVITIES

S.NO.	DATE	EVENT	CLASS	RESOURCE PERSON	TITLE	NO. OF STUDENTS
1.	11 <sup>th</sup> April 2016	AAKAR EXHIBITION	ECE STUDENTS	Mr.B.Madhusudhan, Sr. design project engineer, CSG. Dr.J.Sai Baba, Former Scientist, NRSA.	AAKAR EXHIBITION	45
2.	11 <sup>th</sup> April 2016	DEPARTMENT EXHIBITION	ECE STUDENTS	Mr.B.Madhusudhan, Sr. design project engineer, CSG. Dr.J.Sai Baba, Former Scientist, NRSA	DEPARTMENT EXHIBITION	135
2.	11 <sup>th</sup> to 12 <sup>th</sup> March 2016	COMMUNICATIONS COLLOQUIUM	IEEE-SB	Mr. N. Venkatesh, Chairman of COMSOC.et.al.	Implementation of internet of Things (IOT)	40
3.	5 <sup>th</sup> March 2016	GUEST LECTURE	FACULTY	Prof. M. Satyam, IISc, Banglore	SUPER CONDUCTOR	85
4.	1 <sup>st</sup> March 2016	GUEST LECTURE	FACULTY	Mr. Pidugu L Narayana, (Senior Director of Engineering) Xilinx. et.al.	NEW TRENDS IN FPGA	120
5.	18 <sup>th</sup> to 20 <sup>th</sup> March 2016	WORKSHOP under IETE	STUDENTS	Robosapiens, IIT Delhi.	HAND GESTURE ROBOT & QUADCOPTER	143
6.	9 <sup>th</sup> January 2016	GUEST LECTURE	III ECE	Prof. M.SURYA NARAYANA, Retired SC/Engineer "SE" in NRSC&ISRO	OVERVIEW ON REMOTE SENSING	85
7.	7 <sup>th</sup> January 2016	ORIENTATION FOR IOT	III-ECE	Mr.Punkaj Diwan, CEO of IOT Makerspace	INDUSTRY READY PROFESSIONALS	18

## CO-CURRICULAR ACTIVITIES

S.NO.	DATE	EVENT	CLASS	RESOURCE PERSON	TITLE	NO. OF STUDENTS
8.	22 <sup>nd</sup> December 2015	GUEST LECTURE (IETE)	STUDENTS	Swamy Poornabodhamayananda	FORUM FOR PUBLIC SPEAKING	50
9.	18 <sup>th</sup> & 19 <sup>th</sup> December 2015	Two day WORKSHOP on ATMEL Projects	III-ECE	Mr.Mukesh Chauhan, Director-R&D, TECHNOLEXIS	ATMEL BASED PROJECT	22
10.	9 <sup>th</sup> October 2015	GUEST LECTURE	III-ECE	Dr.M.Lakshmi Narayana, Vice chairman of IEEE, Principal of Kshatriya college of Engineering	Over view on Antennas & Applications	50
11.	15 <sup>th</sup> September 2015	ENGINEERS DAY (IETE)	STUDENTS	STUDENTS	Wheel to Wi-Fi- Journey of Engineer	60
12.	14 <sup>th</sup> August 2015	VIDHMAAN	STUDENTS	STUDENTS	JAM & Quiz	50
13.	12 <sup>th</sup> August 2015	INDUSTRIAL VISIT	IV -ECE	RTTC, BSNL, Gachibowli	ONE-DAY VISIT	120
14.	25 <sup>th</sup> July 2015	ATMEL PROJECTS	II & III ECE	Mr.Mukesh Chauhan, Director-R&D, TECHNOLEXIS	ATMEL Projects	80
15.	24 <sup>th</sup> & 25 <sup>th</sup> July 2015	Two day WORKSHOP	FACULTY,M. Tech.	Dr.P.Trinatha Rao, Associate Professor,GITAM University	Recent Trends in Advanced Communication Technologies & Simulation	40



# PROJECTS

## ➤ B.TECH. PROJECTS

TYPE	TOTAL PROJECTS	INHOUSE	OUTSIDE	HARDWARE	SOFTWARE	AAKAR	DEPT.
MINI	61	49	12	49	12	0	61
MAJOR	64	46	18	20	44	13	51

## ➤ M.TECH. PROJECTS

TYPE	TOTAL PROJECTS
MAJOR(ES)	15
MAJOR(CS)	16





## NEW INITIATIVES IN AY 2015-16

- Special Labs for II & III year students

<b>TYPE</b>	<b>TOTAL PROJECTS</b>	<b>BREADBOARD</b>	<b>GENERAL PCB</b>	<b>PCB</b>	<b>COMPLETED</b>	<b>AAKAR</b>	<b>DEPT</b>
SPECIAL LAB	240	155	124	86	36	2	36

- Incubation projects for III year students

<b>DATE</b>	<b>EVENT</b>	<b>CLASS</b>	<b>RESOURCE PERSON</b>	<b>TITLE</b>	<b>NO. OF STUDENTS</b>
18 <sup>th</sup> & 19 <sup>th</sup> December 2015	Two day WORKSHOP on ATMEL Projects	III-ECE	Mr.Mukesh Chauhan, Director-R&D, TECHNOLEXIS	ATMEL BASED PROJECT	22

## New Initiatives in AY 2015-16

- GATE Coaching Classes

VBIT		OUTSIDE	
NO. OF STUDENTS	9	NO. OF STUDENTS	90
MARKS	13 TO 23	MARKS	-5 TO 26
QUALIFIED	0	QUALIFIED	1

- III year – 18
- II year – in progress
- FACULTY PROJECTS
  - i. Developing UART-Terminal interface
  - ii. Processing of CCTV footage



# STUDENTS PERFORMANCE

- Project exhibition at JNTUH
- Paper presentation at California, USA
- Project exhibition at CIT, Tamilnadu
- Project exhibition at ANURAG Engineering college
- Student paper publications—10
- Student Internship
  - Railways                      5
  - ECIL                              2
  - ServoMax                      1
  - RCI                                2
  - Darkhorse                      2



# DEPARTMENT PERFORMANCE

- All options of electives
- Mentoring: 10 parents visited department.

## DEPARTMENT CULTURAL ACTIVITIES

<b>S.No.</b>	<b>EVENT</b>	<b>Quantity</b>
1.	FESTIVALS: Bathukamma, Dasherra, Bonalu	60
2.	TEKZITE-2015	200
3.	FINAL YEAR STUDENTS FAREWELL	180



# FACULTY ACHIEVEMENTS

S.No.	EVENT	QUANTITY
1.	No of PhDs	1
2.	Faculty registered for PhD	3
3.	Paper Publications	13
4.	Lab manuals updated	9
5.	Faculty attended seminars/Workshop (CDAC,IYF,MATHWORKS, KLU)	5
6.	Faculty qualified in gate (2016)	3
7.	R&D proposal uploaded	4
8.	Faculty involved in R&D	7
9.	CRT classes	9
10.	JRF qualified	1
11.	Net qualified	2
12.	Ratified /Appeared	57
13	JNTUH PhD qualified	1

# FACULTY ACHIEVEMENTS

<b>S.No.</b>	<b>EVENT</b>	<b>QUANTITY</b>
14.	OU PhD qualified	10
15.	JNTUK Qualified	1
16.	Department meetings	8
17.	Special classes for lateral entries	1



## DIFFICULTIES

- Cell phones do not work in Department
- Faculty distributed in 14 different rooms
- Only two computers in the department
- LCD projectors/Systems not reliable
- Curtains are required in the labs & cabins
- Three Lab assistants required
- Computers always give problem in HDL, M.Tech. labs
- CD/ DVD driver is required
- AC should be available in HDL lab



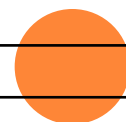
## Planning for Activities & budget for the Academic Year 2016-17

Month	Date	UG/PG	Type of activity	Audience participants	Budget	registration fee/sponsorship	From Institute
Apr,2016							
May,2016							
Jun,2016							
Jul,2016	15 July 2016	UG	GL	II ECE	3000		3000
Aug, 2016	18-25 Aug 2016	PG	FDP	Faculty-30	1,50,000	1,00,000	50,000
Sep, 2016	15-Sep-16	UG	GL	III ECE	3000		3000
Oct, 2016	25-27 Oct 2016	UG	Workshop	IV ECE	30,000	25,000	5000
Nov,2016							
Dec,2016	22-24 Dec 2016	PG	Conference	Faculty-150	3,00,000	2,50,000	50,000
Jan,2017	18-Jan-16	UG	GL	II ECE	3000		3000
Feb,2017	20-Feb-16	UG	GL	III ECE	3000		3000
Mar,2017	15-Mar-17	UG	Industry Visit	IV ECE	3000		3000
<b>Total</b>							<b>120000</b>



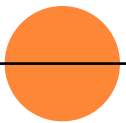
## Planning for Activities & budget for the Academic Year 2016-17 - Consumables

Month	UG/PG	Year & Semester	Name of the Lab	Name of the item	Quantity	Price per Unit	Total Cost
Apr,2016							
May,2016							
June,2016	UG/PG	2016, I	ALL	IC, Transistors	550		15,000
	UG/PG	2016, I	ALL	Servicing			35,000
July,2016							
Aug,2016							
Sep,2016							
Oct, 2016							
Nov,2016	UG/PG	2016, I	ALL	IC, Transistors	550		15,000
	UG/PG	2016, I	ALL	Servicing			35,000
Dec,2016							
Jan,2017							
Feb,2017							
Mar,2017							
<b>Total</b>							<b>100000</b>



## Planning for Activities & budget for the Academic Year 2016-17 -Non Consumables

Month	UG/PG	Year & Semester	Name of the Lab	Name of the item	Quantity	Price per Unit	Total Cost
Apr,2016							
May,2016							
jun,2016	UG	2016, I	MW&DC	Bench	1		70,000
	UG	2016, I	HDL	Xilinx	1		125000
	UG	2016,I	EDC	PCB machine	1		400000
Jul,2016							
Aug,2016							
Sep,2016							
Oct, 2016							
Nov,2016							
Dec,2016							
Jan,2017							
Feb,2017							
Mar,2017							
<b>Total</b>							<b>595000</b>



# BUDGET FOR AY 2016-2017

## Summary statement

S.No	Name of the Activity	Expected cost
1	Guest lectures	20,000
2	Departmental Activities	100000
3	Consumables	100000
4	Non consumables	595000
	<b>Total</b>	<b>815000</b>

## **PLANS FOR AY 2016-17**

- Restoring M.Tech programmes
- All options of electives
- Continuing Special labs
- Introducing LLL (Lab, Lecture, Library)
- One R&D Proposal approval
- One Consultancy/ sponsored project
- Good publications
- Faculty Development Programme(FDP)
- Separate In-charges for II, III, IV B.Tech with full responsibilities



# NBA RENEWAL

- Shortcomings identified by earlier team
  1. PhD holders
  2. Cadre Ratio
  3. Sponsored projects
  4. Consultancy work
  5. Faculty involvement in Industry-Institution Interaction
  6. Placements/ Student beneficiaries from the above
- Improvements to be done
  - ICOMM meetings
  - RCI meeting
  - RCI Guest lectures
  - DLRL meeting



Thank  
you

