

DEPARTMENT OF ECE

Department Report

for 2017-18 - II Semester



Geethanjali College of Engineering and Technology

(UGC Autonomous)



ACCREDITED BY NAAC AND AFFILIATED TO JNTUH

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ACADEMIC CALENDAR



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Geethanjali College of Engineering and Technology

AUTONOMOUS

(Accredited by NBA, Approved by AICTE, New Delhi)

Sy.No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Academic Calendar for II B. Tech (Autonomous) of the Academic Year 2017-18

I Semester:

Description	Period	Duration
Commencement of Class Work	12-07-2017	
First Spell of Instructions	12-07-2017 to 05-09-2017	(8weeks)
Parent – Teacher Meeting	12-08-2017	
First Mid Examinations	06-09-2017 to 08-09-2017	(3days)
Second Spell of Instructions	11-09-2017 to 23-09-2017	(2weeks)
Parent – Teacher Meeting	17-09-2017	
*Dussehra Holidays	25-09-2017 to 30-09-2017	(1week)
Second Spell of Instruction continues	03-10-2017 to 10-11-2017	(6weeks)
Second Mid Examinations	13-11-2017 to 15-11-2017	(3days)
Preparation Holidays and Practical Examinations	16-11-2017 to 21-11-2017	(6days)
End Semester & Supplementary Examinations	22-11-2017 to 06-12-2017	(15days)

***Dussehra Holidays are likely to be rescheduled according to the announcement made by the Telangana State Government.**

II Semester

Description	Period	Duration
Commencement of Class Work	07-12-2017	
First Spell of Instructions	07-12-2017 to 31-01-2018	(8weeks)
Parent – Teacher meeting	07-01-2018	
First Mid Examinations	01-02-2018 to 03-02-2018	(3days)
Second Spell of Instructions	05-02-2018 to 31-03-2018	(8weeks)
Parent – Teacher Meeting	10-02-2018	
Second Mid Examinations	02-04-2018 to 04-04-2018	(3days)
Preparation Holidays and Practical Examinations	06-04-2018 to 13-04-2018	(8days)
End Semester & Supplementary Examinations	16-04-2018 to 28-04-2018	(13days)
Summer Vacation	30-04-2018 to 09-06-2018	(6weeks)
Commencement of class work for the next academic year 2018-19	11-06-2018	


Principal

9/06/07/17

Sponsored by TEJA EDUCATIONAL SOCIETY, HYDERABAD

Office : Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal Dist. - 501 301.

Phones : 9533791618, 7306295152

WORKLOAD OF THE DEPARTMENT FOR 2017-18- II SEMESTER

Courses to be handled by ECE Department (B.Tech, II-Sem. Acad. Year 2017-18)

THEORY SUBJECTS:

S.NO	NAME OF THE SUBJECT	CODE	Year & Branch	No. of Sections
1	Electronic Circuit Analysis	ECA	II ECE	5
2	Analog Communication	AC	II ECE	5
3	Electromagnetic Theory and Transmission Lines	EMTL	II ECE	5
4	Environmental Studies	ES	II ECE	5
5	Pulse Digital & Switching Circuits	PDC	II ECE	5
6	Digital Communication	DC	III ECE	4
7	Microprocessors & Microcontrollers	EMI	III ECE	4
8	Digital Signal Processing	TSN	III ECE	4
9	Human Values & Professional Ethics	HVPE	III ECE	4
10	VLSI Design	VLSI	III ECE	4
11	Managerial Economics & Financial Analysis	MEFA	III ECE	4
12	Satellite Communication	SC	IV ECE	4
13	Radar Systems	RS	IV ECE	4
14	Wireless Communication Systems	WCN	IV ECE	4
15	Microprocessors & Interfacing	MPID	III EEE	1
TOTAL THEORY SUBJECTS : 62				

LABS:

S.NO	NAME OF THE LAB	CODE	Year & Branch	No. of Sections
1	Electronic Circuit & Pulse Circuits Laboratory	ECPC Lab	II ECE	5
2	Analog Communication Laboratory	AC Lab	II ECE	5
3	Simulation II Laboratory	SMII Lab	II ECE	5
4	Gender Sensitization	GS	II ECE	5
5	Microprocessors & Microcontrollers Lab	MPMC Lab	III ECE	4
6	Digital Signal Processing Lab	DSP Lab	III ECE	4
7	Project Coordinator	PC	IV ECE	4
8	Seminar	Sem	IV ECE	4
TOTAL LABS : 36				

II Year II Sem Section Wise Faculty					
Section→	A	B	C	D	E
Subject↓					
Pulse Digital & Switching Circuits	Prof.K.S.Rao	M.Krishna	A.Subramanyam	M.UmaRani	D.Sony
Electronic Circuit Analysis	Dr.G.Vijaya Gunturu	Dr.S.Suryanarayana	U.AppalaRaju	Dr.Vijaya Gunturu/ V.Savithri Padma Priya	Dr.S.Surayanarayana
Electromagnetic Theory & Transmission Lines	Dr.R.S.Raju / V.InduPriya	P.Naresh Kumar	Prof.B.Hari Kumar / A.Sowjanya	P.Naresh Kumar	Y.NagaLakshmi
Analog Communication	S.Jyothirmaye	B.Sreelatha	M.Sowjanya	M.Sowjanya	S.Jyothirmaye / V.Venkata Lakshmi
Environmental Studies	Bhargavi Lakshmi	Bhargavi Lakshmi	K.Sudhakar	K.Sudhakar	K.Sudhakar
Electronic Circuits & Pulse Circuits lab	M.Umarani, P.Chandra Prakash, B.Suneetha, T.N.Swetha	M.Krishna, P.Chandra Prakash Reddy, A.Subramanyam (B1), J.Bharathi (B2), Savithri Padma Priya(B2)	A.Subramanyam, S.Shravani, T.N.Swetha	M.UmaRani, V.Savithri Padma Priya(D1), M.Krishna	Y.Nagalakshmi, V.Savithri Padma Priya, J.Bharathi, B.Suneetha(E1)
Analog Communication Lab	S.Jyothirmaye, V.VenkataLakshmi, M.Chathar Singh, Ch.Suresh Kumar(A2)	P.Naresh Kumar, RVNR.Suneel Krishna, B.Jugal Kishore, S.KrishnaPriya (B1)	Ch.Suresh Kumar, M.Chathar Singh, M.Krishna Chaitanya, M.Sowjanya (C2)	M.Sowjanya, S.Krishna Priya, B.Mamatha	V.Venkata Lakshmi, B.Ramu, M.Krishna Chaitanya(E2), B.Mamatha(E1)
Simulation Lab-II	M.Anand, A.Sowjanya (A2), Dr.V.Satya Srinivas (A1)	V.InduPriya, V.Sireesha (B2), Dr.V.Satya Srinivas (B2), U.AppalaRaju(B1)	U.AppalaRaju, A.Sowjanya	D.Venkata Rami Reddy, V.Sirisha, M.Anand(D1)	Dr.V.SatyaSrinivas, V.Sireesha(E2), V.Indupriya(E2), M.Anand(E1)
Gender Sensitization	G.Sreelakshmi, P.Sudhakar	S.VasuKrishna, B.Suneetha	B.Sreelatha, Ch.Suresh Kumar	Prof.OVPR .Siva Kumar, J.Bharathi	P.Sudhakar, S.Shravani

III Year II Sem Section Wise Faculty				
Section→	A	B	C	D
Subject↓				
Managerial Economics & Financial Analysis	G.Aruna	Y.Bala Manikanta	Vardhini	G.Aruna
Human Values & Prof.Ethics	Vardhini	BPS.Jyothi	Y.Bala Manikanta	K.Naupal
Digital Communications	D.VenkataRami reddy	B.Mamatha	D.VenkataRami Reddy, Y.SivaRamaKrishna	S.KrishnaPriya
VLSI Design	M.Krishna Chaitanya, G.Venkat Rao	Prof.OVPR.Siva Kumar, J.Bharathi	S.VasuKrishna	B.Jugal Kishore
Microprocessor & Microcontrollers	Prof.K.S.Rao, M.Anand	M.Laxmi, ARL.Padmaja	G.Sreelakshmi	S.Yagnasree
Digital Signal Processing	R.Odaiah	A.Shanker	Dr.C.Venkata Narasimhulu, Dr.Vineel Kumar	Dr.C.Venkata Narasimhulu, K.Victor
MicroProcessors & Micro Controllers lab	G.Venkat Rao, D.Sony, ARL.Padmaja	M.Laxmi, B.Sreelatha, ARL.Padmaja	G.Sreelakshmi, Ch.Sandeep	S.Yagnasree, M.Laxmi(D1), Ch.Sandeep, D.Sony(D2)
Digital Signal Processing Lab	R.Odaiah, A1:P.Sudhakar, A2:Dr.Vineel Kumar	A.Shanker, L.Kavya, B1:Dr.Vineel Kumar	Y.SivaRamaKrishna, L.Kavya, Dr. Vineel Kumar	K.Victor, Y.SivaRamaKrishna(D2), A.Shanker(D1)

IV Year II Sem Section Wise Faculty				
Section→	A	B	C	D
Subject↓				
Satellite Communication	B.Suneetha	T.N.Swetha	Dr.V.Satya Srinivas	V.Sireesha
Radar Systems	V.InduPriya	RVNR.Suneel Krishna	B.Ramu	Ch.Suresh Kumar
Wireless Communication & Networks	S.Shravani	L.Kavya	P.Chandra Prakash Reddy	M.Chathar Singh
Seminar	G.Venkat Rao, S.Yagnasree	K.Victor, RVNR.Suneel Krishna	Y.NagaLakshmi, B.Ramu	B.Jugal Kishore, A.Sowjanya
Major Project Review committee	Dr.C.Venkata Narasimhulu, U.Appala Raju, R.Odaiah, S.Jyothirmaye, Y.Siva Rama Krishna	Prof.K.S.Rao, G.Sreelakshmi, S.VasuKrishna, B.Sreelatha, D.Sony	Prof.OVPR.Siva Kumar, D.Venkata Rami Reddy, P.Sudhakar, B.Mamatha, P.Naresh Kumar	Dr.S.Suryanarayana, M.Laxmi, S.Krishna Priya, A.Subramanyam, S.Shravani
Comprehensive Viva-Voce	Dr.S.Suryanarayana	Dr.S.Suryanarayana	Dr.S.Suryanarayana	Dr.S.Suryanarayana

ADDITIONAL DUTIES (DEPARTMENTAL)

- 1) Class Teacher – II year – Sec A : Ms.S.Jyothirmaye
- 2) Class Teacher – II year – Sec B : Ms.B.Sreelatha
- 3) Class Teacher – II year – Sec C : Mr.U.AppalaRaju
- 4) Class Teacher – II year – Sec D : Ms.M.UmaRani
- 5) Class Teacher – II year – Sec E : Ms.D.Sony
- 6) Class Teacher – III year – Sec A : Mr.G.VenkatRao
- 7) Class Teacher – III year – Sec B : Ms.M.Laxmi
- 8) Class Teacher – III year – Sec C : Mr.Y.Siva Rama Krishna
- 9) Class Teacher – III year – Sec D : Ms.S.Yagnasree
- 10) Class Teacher – IV year – Sec A : Ms.B.Suneetha
- 11) Class Teacher – IV year – Sec B : Ms.T.N.Swetha
- 12) Class Teacher – IV year – Sec C : Mr.P.ChandraPrakash Reddy
- 13) Class Teacher – IV year – Sec D : Mr.M.Chathar Singh
- 14) Time Table Work : Ms.S.KrishnaPriya
Mr.B.Jugal Kishore

- 15) Alumni Co-ordinator : Ms.M.Uma Rani
- 16) Placement Co-ordinator : Mr.B.Ramu
- 17) Library I/C : Mr.RVNR.Suneel Krishna
- 18) IQPEC I/C : Ms.J.Bharathi
- 19) Finishing School Co-ordinator : Mr.B.Ramu
- 20) Dept NEWS Letter : Ms.D.Sony
- 21) Mentoring Co-ordinator : Ms.G.SreeLakshmi, Mr.M.Chathar Singh
- 22) Overall Elective Co-ordinator : Ms.B.Mamatha
- 23) NSS Coordinator : Mr.M.Krishna
- 24) ISTE Dept. Coordinator : Ms.S.Jyothirmaye
- 25) IEEE Student Branch Counselor : Mr.S.Vasu Krishna
- 26) IETE Co-ordinator : Mr.P.Sudhakar
- 27) Facilities & Infrastructure I/C : Ms.S.Yagnasree
- 28) Dept. Files : V.Sirisha, Mamatha, Anand and Kavya
- 29) Minutes of the Meeting : Ms.D.Sony, Ms.M.Laxmi
- 30) CRC Co-ordinator : Ms.M.Laxmi
- 31) IQAC Member : Ms.S.KrishnaPriya
- 32) Lab In-charges
 - a. Electronic Device & Circuits Lab : Ms.M.Umarani
 - b. Electronic Device & Circuits Lab (Dup) : Ms.Y.Nagalakshmi
 - c. MWE & DC Lab : S.Krishna Priya
 - d. Microprocessors & Microcontrollers Lab : M.Laxmi
 - e. Microprocessors & Microcontrollers Lab (Dup) : M.Laxmi
 - f. Analog Communication Lab : Ms.S.Jyothirmaye
 - g. ICA & HDL Lab : Mr.P.Sudhakar
 - h. ICA & HDL Lab (Dup) : Ms.B. Mamatha

i. Digital Signal Processing Lab	:	Ms.M.Sowjanya
j. Simulation I Lab	:	Mr.R.Odaiah
k. Simulation Lab (Dup)	:	Mr.K.Siva Rama Krishna
l. Simulation II Lab	:	Mr.R.Odaiah
m. Embedded System Lab	:	Mr.S.Vasu Krishna
n. VLSI Lab	:	Prof. OVPR.Siva Kumar
o. DDVH Lab	:	Ms.B.Sreelatha

Division of Lab Batches

Class	(Batch 1) Roll Nos.	(Batch 2) Roll Nos.	No. of Students
B.Tech. 2/4 ECE – Section A	15R11A04L9, 16R11A0401-435 (33)	16R11A0436-447, 16U51A0476, 17R15A0401-412, 15R11A04G9, 15R11A0430 (27)	60
B.Tech. 2/4 ECE – Section B	15R11A04J4, 16R11A0449-482 (33)	16R11A0483-496, 16R15A0413,417, 17R15A0413- 422, 15R11A04C0, 15R11A04H7 (28)	61
B.Tech. 2/4 ECE – Section C	15R11A0469, 16R11A0497-4C9 (33)	16R11A04D0-4E4, 17R15A0423- 430, 14R11A0463, 15R11A0438,443,478,4A2,416 (27)	60
B.Tech. 2/4 ECE – Section D	166M1A0430, 16R11A04E5-4H6 (33)	16R11A04H7-4K2, 17R15A0431- 435, 15R11A0423, 424, 436, 4B5, 4J9 (27)	60
B.Tech. 2/4 ECE – Section E	16R11A04K3-4N6 (33)	16R11A04N7-4P9, 17R15A0437- 448, 16R11A04J6, 15R11A0475,4A6, 464, 4F1 (25)	58
B.Tech. 3/4 ECE – Section A	15R11A0401-439 (30)	15R11A0447-460, 16R15A0401- 412, 14R11A04F8, 436, 4L6 (30)	60
B.Tech. 3/4 ECE – Section B	15R11A0461-495 (30)	15R11A0496-4B9, 16R15A0414- 425, 14R11A04F9,4H1 (30)	60
B.Tech. 3/4 ECE – Section C	15R11A04C1-4F3 (30)	15R11A04F4-4J0, 16R15A0426- 435 (33)	63
B.Tech. 3/4 ECE – Section D	15R11A04J1-4N0 (30)	15R11A04N1-4Q0, 16R15A0438- 447, 14R11A04D5 (29)	59

Allotment of Counselors

Class	Name of the Counselor (Batch 1)	Name of the Counselor (Batch 2)	Name of the Counselor (Batch 3)	Name of the Counselor (Batch 4)	Name of the Counselor (Batch 5)
B.Tech. 2/4 ECE – Section A	S.Jyothirmayee 16R11A0401-415, 15R11A04L9 (15)	Dr.R.S.Raju 16R11A0416- 431 (15)	Prof.K.S.Rao 16R11A0432- 446 (14)	P.Sudhakar 16R11A0447, 16R15A0401-412, 16U51A0476 (14)	-
B.Tech. 2/4 ECE – Section B	Dr.S.Suryanarayan a 15R11A04J4, 16R11A0449-462 (14)	B.Sreelatha 16R11A0463- 476 (14)	P.Naresh Kumar 16R11A0478- 492 (15)	M.Krishna 16R11A0493-96, 17R15A0413 -422 (14)	-
B.Tech. 2/4 ECE – Section C	A.Subramanyam 15R11A0469, 16R11A0497- 4B0 (14)	U.Appala Raju 16R11A04B1- 4C3 (13)	A.Sowjanya 16R11A04C4- 4D6 (13)	M.Sowjanya 16R11A04D7-4E4, 17R15A0423-430 (14)	-
B.Tech. 2/4 ECE – Section D	Dr.Vijaya Gunturu 166M1A0430, 16R11A04E5-4F7 (14)	M.Umarani 16R11A04F8- 4H0 (13)	M.Anand 16R11A04H1- 4J3 (13)	Savitri Padma priya 16R11A04J4-4K2, 17R15A0431-435 (13)	-
B.Tech. 2/4 ECE – Section E	Y.Naga Lakshmi 16R11A04K3-4L8 (15)	D.Sony 16R11A04L9- 4N2 (14)	V.Venkat Lakshmi 16R11A04N3- 4P7 (14)	J.Bharathi 16R11A04J6,16R1 1A04P8,4P9 17R15A0437-448 (14)	-
B.Tech. 3/4 ECE – Section A	M.Krishna Chaitanya 15R11A0401 -413 (13)	D.Venkata Rami reddy 15R11A0414 - 433 (13)	G.Venkat Rao 15R11A0434 - 450 (13)	R.Odaiah 15R11A0451-460, 16R15A0401-405 (13)	ARL.Padmaja 16R15A0406-412, 15R11A0461- 467 (11)
B.Tech. 3/4 ECE – Section B	B.Mamatha 15R11A0468 - 483 (13)	Prof.OVPR. Siva Kumar 15R11A0484- 497 (13)	M.Laxmi 15R11A0498 -4B3 (13)	A.Shanker 15R11A04B4 - 4B9 ,16R15A0414 - 425 (13)	-
B.Tech. 3/4 ECE – Section C	Dr.C.Venkata Narasimhulu 15R11A04C1 - 4D5 (13)	S.VasuKrishna 15R11A04D6- 4E8 (13)	G.Sreelakshmi 15R11A04E9- 4G2 (13)	Y.Siva Rama Krishna 15R11A04G3-4H8 (12)	Dr.Vineel Kumar 15R11A04H9,4JO 16R15A0426-435 (12)
B.Tech. 3/4 ECE – Section D	S.KrishnaPriya 15R11A04J1-4K5 (12)	B.Jugal Kishore 15R11A04K6 - 4M0 (12)	S.Yagnasree 15R11A04M2 -4N6 (12)	Ch.Sandeep 15R11A04N7-4P7 (11)	K.Victor 15R11A04P8- 4Q0, 16R15A0438 -447 (11)

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ECE

Dated: 11.05.2017

ADMINISTRATIVE DUTIES & RESPONSIBILITIES

The following administrative duties and responsibilities are allotted for the faculty members with immediate effect for smooth functioning of the department as well as to meet the requirements of the statutory bodies such as JNTUH, AICTE, UGC, NBA and NAAC as given below. Hence all the faculty members are requested to co-operate the same.

1. Question Paper Evaluation Committee:

B.Tech, ECE

S.No	Name	Designation	Role
1.	Dr.Vijaya Gunturu	Professor & HOD	Chairman
2.	Dr.C.V.Narasimhulu	Professor	Member
3.	Dr.Suryanarayana	Professor	Member
4.	Mr. D Venkata Rami Reddy	Associate Professor	Member
5.	Ms.J.Bharathi	Assistant Professor	Convenor

M. Tech VLSI Design

S.No	Name	Designation	Role
1.	Dr.Vijaya Gunturu	Professor & HOD	Chairman
2.	Dr.Suryanarayana	Professor	Member
3.	Mr. S. Vasu Krishna	Associate Professor	Member
4.	Ms.G. Sree lakshmi	Associate Professor	Member
5.	Ms.J.Bharathi	Assistant Professor	Convenor

M. Tech ES

S.No	Name	Designation	Role
1.	Dr.Vijaya Gunturu	Professor & HOD	Chairman
2.	Prof. O. V. P. R. Siva kumar	Professor	Member
3.	Mr.A.Subramanyam	Assistant Professor	Member
4.	Ms. M Lakshmi	Associate Professor	Member
5.	Ms.J.Bharathi	Assistant Professor	Convenor

2. Department Purchase Committee:

S. No	Name	Designation	Role
1	Dr .Vijaya Gunturu	Professor and HOD	Convener
2	Dr. C.V.Narasimhulu	Program Coordinator, B.Tech	Member
3	Dr.Suryanarayana	Professor In-charge of labs	Member
4	Mr .D. Venkata Rami Reddy	Associate Professor & In-Charge for Lab Master	convener
5	Ms.Y.Nagalakshmi	Lab In charge, EDC(Duplicate)	Member
6	Ms.M.Umarani	Lab In charge, EDC	Member
7	Ms.M.Laxmi	Lab In charge, MPMC	Member
8	Ms.B.Sreelatha	Lab In charge, MPMC(Duplicate)	Member
9	Mr.P.Sudhakar	Lab In charge, ICA & HDL	Member
10	Ms.G.Sreelaxmi	Lab In charge, ICA & HDL(Duplicate)	Member
11	Ms.S.Jyothirmaye	Lab In charge, AC Lab	Member
12	Ms.S.KrishnaPriya	Lab In charge, MWE & DC	Member
13	Ms.M.Sowjanya	Lab In charge, DSP	Member
14	Mr.R.Odaiah	Lab In charge, Simulation Lab - I	Member
15	Dr.V.Satya Srinivas	Lab In charge, Simulation Lab - II	Member
16	Mr.K.Siva Rama Krishna	Lab In charge, Simulation Lab – I (Duplicate)	Member

3. Program Co-ordinators

1. B.Tech (ECE) - Dr. C.V.Narasimhulu, Prof.OVPR Siva Kumar, Mr.D.V. Rami Reddy
2. M.Tech (VLSI Design) - Dr.Suryanarayana
3. M.Tech (ES) - Prof. O. V. P. R. Siva kumar

4. Final Year B.Tech Projects

	Dr C V Narasimhulu	Professor	Overall Coordinator
	Section A		
1.	Dr.S.Suryanarayana	Professor	Coordinator
2.	Ms.Jyothirmayee	Assoc. Professor	Member
3.	Ms.M.Laxmi	Assoc. Professor	Member
4.	Ms.B.Suneetha	Assistant Professor	Member
5.	Mr.B.Ramu	Assistant Professor	Member
	Section B		
1.	Prof.K.Somasekhara Rao	Professor	Coordinator
2.	Mr.P.Sudhakar	Assoc. Professor	Member
3.	Ms.S.KrishnaPriya	Assoc. Professor	Member
4.	Ms.Snigdha Kamala	Assistant Professor	Member
5.	Mr.K.Victor	Assistant Professor	Member
	Section C		
1.	Dr.C.V.Narsimhulu	Professor	Coordinator
2.	Mr. Venkata Rami Reddy	Assoc. Professor	Member
3.	S.Vasu Krishna	Assoc. Professor	Member
4.	P.Chandra prakash Reddy	Assistant Professor	Member
5.	Mr.R.V.N.R.Suneel Krishna	Assistant Professor	Member
	Section D		
1.	Dr.G.AshaJyothi	Professor	Coordinator
2.	Ms.R.Odaiah	Assoc. Professor	Member
3.	Ms.M.Sowjanya	Assoc. Professor	Member
4.	Ms.C.Pavani	Assistant Professor	Member
5.	MD.Touseef Sumer	Assistant Professor	Member

In-charges of various labs

S. No	Name	Name of the laboratory
1	Ms.Y.Nagalakshmi	EDC(Duplicate)
2	Ms.M.Umarani	EDC
3	Ms.M.Laxmi	MPMC
4	Ch.Sandeep	MPMC(Duplicate)
5	Mr.P.Sudhakar	ICA & HDL
6	Ms.G.Sreelaxmi	ICA & HDL(Duplicate)
7	Ms.S.Jyothirmaye	AC Lab
8	Ms.S.KrishnaPriya	MWE & DC
9	Ms.M.Sowjanya	DSP
10	Mr.R.Odaiah	Simulation Lab - I
11	Dr.V.Satya Srinivas	Simulation Lab - II
12	Mr.K.Siva Rama Krishna	Simulation Lab – I (Duplicate)
13	Mr.S.Vasu Krishna	ES Lab
14	Prof OVPR Siva Kumar	VLSI Lab
15	Ms.B.Sreelatha	DDVH Lab

5. **Weekly reports of faculty on syllabus coverage** - Mr. P. Chandra Prakash Reddy, Assistant Professor

6. **Grievance Redressal Cell**

S.No	Name of the faculty	Designation	Role
1.	Dr R S Raju	Professor	Coordinator
2.	Dr.C.Venkata Narasimhulu	Professor	Member
3.	Dr.Asa Jyothi	Professor	Member
4.	Prof. O.V.P. R.Siva Kumar	Professor	Member
5.	Ms. S.Jyothirmayee	Associate Professor	Member
6.	Mr.D. Venkata Rami Reddy	Associate Professor	Member

7. **Anti-ragging and Disciplinary Committee**

S.No	Name of the faculty	Designation	Role
1.	Prof. K.Somasekhara Rao	Professor	Coordinator
2.	Dr.C.Venkata Narasimhulu	Professor	Member
3.	Dr.Suryanarayana	Professor	Member
4.	Mr. P. Sudhakar	Professor	Member
5.	Mr. M.Sowjanya	Associate Professor	Member
6.	Ms.G.Sreelaxmi	Associate Professor	Member
7.	Mr. R. Odaiah	Associate Professor	Member
8.	Mr.S.Vasu Krishna	Associate Professor	Member
9.	And All Class Faculty Advisors		

9. Preparation of Course files and lab manuals

S.No	Name	Designation	Role
1.	Dr.Suryanarayana	Professor	Coordinator
2.	Mr. R.Odaiah	Associate Professor	Convenor
3.	All Lab In-Charges and Course Coordinators		Members

10. Central & Departmental Library

S.No	Name	Designation	Role
1.	Dr.Asa Jyothi	Professor	Coordinator
2.	Mr.A.Sowjanya	Assistant Professor	Member
3.	Mr.Md.Touseef sumer	Assistant Professor	convenor
4.	All the course coordinators		Members

11. Professional bodies/societies activities

S.No		Name	Designation	Role
1.	IEEE Student Branch	Mr. S. Vasu krishna	Associate Professor	Coordinator
2.	ISTE Student Chapter	Ms. S.Jyothirmayee	Associate Professor	Coordinator
3.	IETE Student Forum	Mr. P. Sudhakar	Associate Professor	Coordinator
4.	Institute of Engineers, India (IEI)	Dr.V.Sathya Sreenivas Mr U. Appala Raju	Associate Professor Associate Professor	Coordinators

12. Guest Lectures

S.No	Name	Designation	Role
1.	Mr. S Vasu Krishna	Associate Professor	Coordinator
2.	Mr.Ch.Suresh Kumar	Assistant Professor	Coordinator

13. Third Year mini projects

Prof. O.V.P. R.Siva Kumar	Professor	Overall Coordinator	
Section A			
1.	Prof.OVPR Siva Kumar	Professor	Coordinator
2.	Dr.V.Sathya Srinivas	Assoc. Professor	Member
3.	Ms.Y.Naga Lakshmi	Assoc. Professor	Member
4.	Ms.B.Suneetha	Assistant Professor	Member
5.	Mr.B.Ramu	Assistant Professor	Member
Section B			
1.	Dr.S.Suryanarayana	Professor	Coordinator
2.	Ms.M.Laxmi	Assoc. Professor	Member
3.	Ms.B.Mamatha	Assistant Professor	Member
4.	Ms. Snigdha Kamala	Assistant Professor	Member
5.	Mr.K.Victor	Assistant Professor	Member
Section C			
1.	Dr.C.V.Narsimhulu	Professor	Coordinator
2.	Mr.S.Vasu Krishna	Assoc. Professor	Member
3.	Mr.Y.Siva Rama Krishna	Assistant Professor	Member
4.	P.Chandra prakash Reddy	Assistant Professor	Member
5.	Mr.R.V.N.R.Suneel Krishna	Assistant Professor	Member
Section D			
1.	Dr.G.AshaJyothi	Professor	Coordinator
2.	Ms.S.Krishna Priya	Assoc. Professor	Member
3.	Ms.M.Sowjanya	Assoc. Professor	Member
4.	Ms.C.Pavani	Assistant Professor	Member
5.	MD.Touseef Sumer	Assistant Professor	Member

14. IV B.Tech Comprehensive viva-voce

	Dr.S.Suryanarayana	Professor	Overall Coordinator
	Section A		
1.	Dr.S.Suryanarayana	Professor	Coordinator
2.	Ms.Jyothirmayee	Assoc. Professor	Member
3.	Ms.M.Laxmi	Assoc. Professor	Member
4.	Ms.B.Suneetha	Assistant Professor	Member
5.	Mr.B.Ramu	Assistant Professor	Member
	Section B		
1.	Prof.K.Somasekhara Rao	Professor	Coordinator
2.	Mr.P.Sudhakar	Assoc. Professor	Member
3.	Ms.S.KrishnaPriya	Assoc. Professor	Member
4.	Ms.Snigdha Kamala	Assistant Professor	Member
5.	Mr.K.Victor	Assistant Professor	Member
	Section C		
1.	Dr.C.V.Narsimhulu	Professor	Coordinator
2.	Mr. Venkata Rami Reddy	Assoc. Professor	Member
3.	S.Vasu Krishna	Assoc. Professor	Member
4.	P.Chandra prakash Reddy	Assistant Professor	Member
5.	Mr.R.V.N.R.Suneel Krishna	Assistant Professor	Member
	Section D		
1.	Dr.G.AshaJyothi	Professor	Coordinator
2.	Ms.R.Odaiah	Assoc. Professor	Member
3.	Ms.M.Sowjanya	Assoc. Professor	Member
4.	Ms.C.Pavani	Assistant Professor	Member
5.	MD.Touseef Sumer	Assistant Professor	Member

15. Final Year Seminars

	Dr.G.AshaJyothi	Professor	Overall Coordinator
Section A			
1.	Dr.S.Suryanarayana	Professor	Coordinator
2.	Ms.Jyothirmayee	Assoc. Professor	Member
3.	Ms.M.Laxmi	Assoc. Professor	Member
4.	Ms.B.Suneetha	Assistant Professor	Member
5.	Mr.B.Ramu	Assistant Professor	Member
Section B			
1.	Prof.K.Somasekhara Rao	Professor	Coordinator
2.	Mr.P.Sudhakar	Assoc. Professor	Member
3.	Ms.S.KrishnaPriya	Assoc. Professor	Member
4.	Ms.Snigdha Kamala	Assistant Professor	Member
5.	Mr.K.Victor	Assistant Professor	Member
Section C			
1.	Dr.C.V.Narsimhulu	Professor	Coordinator
2.	Mr. Venkata Rami Reddy	Assoc. Professor	Member
3.	S.Vasu Krishna	Assoc. Professor	Member
4.	P.Chandra prakash Reddy	Assistant Professor	Member
5.	Mr.R.V.N.R.Suneel Krishna	Assistant Professor	Member
Section D			
1.	Dr.G.AshaJyothi	Professor	Coordinator
2.	Ms.R.Odaiah	Assoc. Professor	Member
3.	Ms.M.Sowjanya	Assoc. Professor	Member
4.	Ms.C.Pavani	Assistant Professor	Member
5.	MD.Touseef Sumer	Assistant Professor	Member

16. Assignment & Tutorial sheets

S.No	Name	Designation	Role
1.	Dr.Asa Jyothi	Professor	Coordinator
2.	Mr.R.Odaiah	Associate Professor	Convener
3.	All class advisors		Members

17. Time Tables / Invigilation Duties / External Laboratory Examination

S.No	Name	Designation	Role
1.	Ms S Krishna Priya	Associate Professor	Coordinator
2.	Mr B Jugal Kishore	Assistant Professor	Convener

18. Industrial Tours & Local Visits

S.No	Name	Designation	Role
1.	Prof. O.V.P. R.Siva Kumar	Professor	Coordinator
2.	Ms. M.Laxmi	Associate Professor	Member Incharge- II B.Tech
3.	Dr.Asa Jyothi	Professor	Member Incharge- III B.Tech
4.	Mr. S. Vasu Krishna	Associate Professor	Member Incharge- IV B.Tech

19. Students' Attendance :

S.No	Name	Designation	Role
1.	Dr. S. Suryanarayana	Professor	Coordinator
2.	Ms.G. Sreelaxmi	Associate Professor	Convenor
3.	All Class advisors		Members

20. Students' Mentoring/Counselling:

	Name	Designation	Role
1.	Ms. G. Sri Lakshmi	Associate Professor	Coordinator
2.	Mr Chattar Singh	Assistant Professor	Member
3.	Faculty will be assigned as mentors for every 12 students		

21. Placements:

S.No	Name	Designation	Role
1.	Mr.B.Ramu	Assistant Professor	Member
2.	Ms. B.Suneetha	Associate Professor	Member

22. Alumni Association and Higher Education:

S.No	Name	Designation	Role
1.	Ms.B.Uma Rani	Assistant Professor	Coordinator
2.	Ms.Savithri Padma Priya	Assistant Professor	Member

23. Student Development programs and achievements

S.No	Name	Designation	Role
1.	Prof.K.Somasekhara Rao	Professor	Coordinator
2.	Ms.B.Sreelatha	Associate Professor	Convenor
3.	Mr. Y. Siva Rama Krishna	Assistant Professor	Member Incharge II B.Tech
4.	Mr.G.Venkat Rao	Assistant Professor	Member Incharge III B.Tech
5.	Ms.Indu Priya	Assistant Professor	Member Incharge IV B.Tech
	All the Class Advisors		

24. Technical Events / Workshops

S.No	Name	Designation	Role
1.	Dr. Sathya Srinivas	Associate Professor	Coordinator
2.	Ms.M.Sowjanya	Associate Professor	Member Incharge II B.Tech
3.	Mr. RVNR Suneel Krishna	Assistant Professor	Member Incharge III B.Tech
4.	Mr.Ch.Suresh Kumar	Assistant Professor	Member Incharge IV B.Tech

25. Research Activities (R&D Centre)

S.No	Name	Designation	Role
1.	Dr. R.Suryanarayana Raju	Professor	Coordinator
2.	Dr. S.Suryanarayana	Professor	Member
3.	Dr. C. V. Narasimhulu	Professor	Member
4.	Prof. O. V. P. R. Siva kumar	Professor	Member
5.	Dr . Asa Jyothi	Professor	Member
6.	Prof.K.Somasekhara Rao	Professor	Member
7.	Dr.Satya Srinivas	Associate Professor	Convener
8.	P Sudhakar	Associate Professor	Member Incharge, Publications
9.	All the other Ph.D pursuing scholars of the department		

26. Faculty Development programs

S.No	Name	Designation	Role
1.	Dr C V Narasimhulu	Professor	Coordinator and Group Head
2.	All the Group Heads		Members
3.	P Sudhakar	Associate Professor	Convener

27. Class Advisors

S.No	Class	Advisor
1.	II- A Section	Ms.B.Sreelatha
2.	II- B Section	Ms.G.Sreelaxmi
3.	II- C Section	Ms.D.Sony
4.	II- D Section	Mr.R.Odaiah
5.	III - A Section	Ms.V.Venkata Lakshmi
6.	III - B Section	Mr.P.Sudhakar
7.	III - C Section	Mr.S.Vasu Krishna
8.	III - D Section	Ms.M.Sowjanya
9.	IV – A Section	Ms.Y.Naga Lakshmi
10.	IV – B Section	Ms.M.Laxmi
11.	IV – C Section	Dr V.Satya Srinivas
12.	IV – D Section	Ms.B.Suneetha

28. Industry Institute Collaboration Committee

S.No	Name	Designation	
1.	Prof. O. V. P. R. Siva kumar	Professor	Coordinator
2.	Prof. K. Somasekhara Rao	Professor	Member
3.	Dr RS Raju	Professor	Member
4.	Mr. S.Vasu krishna	Assoc Professor	Member
5.	Ms.S.Yagna Sree	Asst.Professor	Member
6.	Mr.K.Victor	Asst.Professor	Member

Other Duties:

S No	Additional duty	Name of the Faculty	Designation	Remarks
1.	Remedial Classes and Bridge courses	Prof .K.Soma Sekar Rao Mr.D.Venkata Rami Reddy Mr.Ch.Sandeep And All Class Advisors	Professor Associate Professor Assistant Professor	Coordinator SPMC Incharge, Member Member
2.	Result analysis	Mr.A.Subramanyam Mr.D.Venkata Rami Reddy Mr.RVNR Sunil Krishna	Assistant Professor Associate Professor Assistant Professor	Coordinator SPMC Incharge, Member Member
3.	Newsletter	Ms.D.Sony Ms.K.Shravanthi	Assistant Professor Assistant Professor	Coordinator Member
4.	Hardware Exhibition	Dr.C.V.Narsimhulu Prof. O V P R Siva kumar Ms.Jyothirmaye Ms M Lakshmi	Professor Professor Associate Professor Associate Professor	Coordinator Member Member Member
5.	Faculty in Academic, Co-curricular and Extra Curricular activities (outside)	Ms. S.KrishnaPriya Ms.C.Pavani	Associate Professor Assistant Professor	Coordinator Member
6.	M.Tech III and IV Semesters (Comprehensive Viva-Voce, Projects and Seminars)	Prof OVPR Siva Kumar Mr.Chandra Prakash Reddy Mr.J.Venkat Rao	Professor Assistant Professor Assistant Professor	Coordinator Member Member
7.	Budget	Ms.S.Jyothirmayee Mr.K.Victor Mr.Y.Siva Ramakrishna	Associate Professor Assistant Professor Assistant Professor	Coordinator Member Member

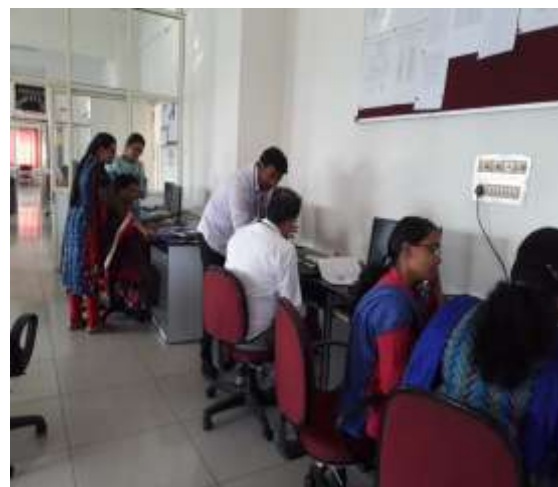
HOD – ECE

- Copy to: 1. Principal for information.
2. Faculty concerned.
3. Department File.

FDPs/WORKSHOPS ORGANIZED

4 Day FDP on Microprocessors and Microcontrollers LAB course

Department of ECE Group IV organized a **“4 Day Faculty Development program on Microprocessors and Microcontrollers lab course”**, on 25th ,28th ,30th November and 1st December 2017 , for faculty of ECE. Training is given by the lab handling faculty Ms. M.Laxmi, Mr. CH.Sandeep and Mr. A.Subramanyam of ECE Department. Through this program , the ECE faculty was trained in various aspects like assembly language programming for 8086 microprocessors and 8051 microcontrollers, execution using software’s (MASM ,KEIL) and hardware kits (8086,8051,Arduino and Raspberry Pi), Interfacing study cards (8255, 8251, 8257, ADC, DAC, Stepper motor, LCD, HEX KEYBOARD) with trainer kits. Eleven faculty members have attended this program and performed the experiments as per JNTUH syllabus requirements. Training is also given on additional experiments framed on latest modules like Arduino and Raspberry Pi.



A workshop on **“PCB Design and Fabrication”** was organized on 27th Dec, 2017 for 2nd and 3rd Year ECE students in association with PGP Electronics Pvt. Ltd., Hyderabad

A One day workshop was conducted for II and III Year ECE students on **“3D Printing”** in association with Robokart.com by IEEE SB-GCET Chapter on 11th January, 2018.

A One day Workshop on “Research Methodology” was held on 3rd March, 2018 for the faculty members of all departments. Prof. B.Yegnanarayana, ECE Dept., IIT, Hyderabad was the resource person. The objective was to strengthen research activities in GCET and guide the faculty pursuing research leading to Ph.D.

Principal Dr. S. Udaya Kumar was introducing the Resource Person Prof. B. Yegnanarayana



A workshop was conducted for students of ECE on “Wireless Technology” in association with IEEE Student Chapter on 3rd March, 2018.

A Two day workshop for students was conducted on “Arduino Based Internet of Things with Hands – on Practice” on 17th and 18th February, 2018 for 3rd year ECE students in association with M/s Technotran Electronic Solutions, under ISTE Student Chapter, Hyderabad Section. 62 students participated with enthusiasm in this program, to learn the Arduino and its applications.



Faculty Development Program (FDP)

Group IV of Department of ECE organized a “**3 Day Faculty Development program on Microprocessors and Microcontrollers lab course**”, held at MPMC LAB from 8th to 10th May 2018, for faculty of ECE, handling the lab course for ECE and EEE III year students, during the academic year 2018-19. Training is given by the lab handling faculty Ms. M.Laxmi, and Mr. CH.Sandeep of ECE Department. The FDP aims to provide an opportunity for all the faculty and lab assistants who are associated with the laboratory to enrich their programming skills in conducting lab experiments as per Autonomous syllabus of our college AR16. The FDP was also intended to develop the knowledge of faculty for execution of additional experiments.

This FDP has facilitated every faculty member associated with the lab to conduct all the experiments independently without the help of lab assistants.

Peer Learning Activities:

The Digital Electronics Group (Group IV), of ECE Department organized a Peer Learning Three day Workshop with Hands on training on “Real Time Projects Design and Development using Arduino-For Beginners” on 2nd, 3rd and 4th March, 2018 at Block - I Seminar Hall-2. This event was conducted under IETE student forum, for the students of III ECE and EEE in association with Final Year Students of ECE. The resource persons are Chaganti Mounica, Pranav Raju A, Paramakusam Niharika and Vecha Pavan Kumar from ECE final Year. The main objective was to build confidence in students to do their projects on their own with the help of their seniors, encouraging



Peer Student receiving token of Appreciation from Prof. K. Somasekhara Rao, Dean, SA

1. A Peer Learning program was conducted on “**Life Skills and Communication Skills**” to 1st year ECE students by Ms. Vaishnavi and Mr. Praneeth of 2nd year ECE . It was held on 6th Jan, 2018 in Seminar Hall-4 Block-II and 100 1st year students participated.
2. The Group IV (Digital Electronics Group) of ECE Department, organized a Peer Learning program (Lecture) on “**Advanced Technology Trends Useful For The Mini and Major Projects Execution**” on 27th December 2017 in Block -1 Seminar Hall-1 for III year ECE Students . The speakers were Y. Sai Vishwanath (Roll No. 14R11A04B6) of IV Year ECE B-SEC and A. Pranav Raju (Roll No. 14R11A04M6) of IV Yr ECE D-SEC. 130 students of ECE 3rd year attended this program.



Group photo of the Team

R&D PROJECT

R &D project of Rs 45.81 Lakhs on “Development of Novel Carbon Nanotube/Polymer Nano composite Materials for EMI Applications” was sanctioned to Department of ECE by DRDO for a duration of three years from April, 2018. Dr. S.Ramana Murthy is the Principal Investigator.

RESEARCH PUBLICATIONS FROM THE DEPARTMENT:

1. Ms. G.Sreelakshmi, Associate professor, ECE, presented a paper on “Floating Point Vedic Multiplication Using Parallel Prefix Adders for Signal Processing Applications” in International Conference RIEECS-2017 held by Graphic Era Deemed to be University at Dehradun on 28th and 29th October, 2017 .
2. Ms. D.Sony, Assistant Professor, ECE published a paper on “Design of High Speed Fixed & Reconfigurable FIR Filter for Speech Signal Processing” in IJAERD Volume 5 Issue 1 Jan’, 2018.
3. Ms. D.Sony, published a paper on “Real time scene Text Detection via Connected Component Clustering & Non-Text Filtering in Videos” in IJAERD Volume 5 Issue 2 February 2018.
4. A paper was presented by Ms. G.Sreelakshmi, Associate professor, ECE on “A Novel approach to the learning of vinculum numbers into Two’s complement method for BCD arithmetic” in 2nd International Conference on Computing Methodologies Communication (ICCMC 2018) organized by Surya Engineering College during 15th Feb-16th Feb 2018 at Erode, TN.
5. Mr. Jugal Kishore Assistant Professor, ECE and Ms. B.Mamatha Assistant Professor, ECE presented paper on “A Novel Approach for Recoding Canonical Signed Digit” at “NCEITCT 2018” on 24th March, 2018 conducted by St. Martins Engineering College.
6. Dr. C.V. Narasimhulu Professor, ECE and Mr.U. Appala Raju Published a paper on “A Proficient Modified Multi-Channel MAC Protocol for Wireless Networks” in “International Journal Of Research In Electronics And Computer Engineering” March 2018.
7. Ms. D.Sony, Assistant Professor in ECE Published a paper on “Comparison of Wallace, Vedic & Dadda Multipliers ” in IJAERD Volume 5 Issue 3 March, 2018.
8. Ms. D.Sony, Assistant Professor in ECE & Mr. M.Krishna, Assistant Professor in ECE Published a paper on “Motion Deblurr” in IJAERD Volume 5 Issue 3 March 2018.
9. Ms.D.Sony, Assistant Professor in ECE & Mr. B.Ramu, Assistant Professor in ECE Published a paper on “An Adaptive Image Resolution Enhancement by Using Multi-Resolution Transform” in IJCRT Volume 6 Issue 1 March, 2018.
10. Students of ECE IV year K.Mounica(14R11A0428), M.Santoshini(14R11A0435) ,K.Rahul (14R11A0432) under the guidance of Ms. V.Venkata lakshmi, Assistant Professor in ECE, published a paper on "Design & implantation of Safety Arm Band for Women & Children Using ARM 7",in IJAERD Volume 5 Issue 3 March, 2018.
11. Students of ECE IV year Chaganti Monica (14R11A04C9), N.Mounika reddy (15R15A0419), M Prdhyumna (14R11A04F5) under the guidance of Mr. Ch.Sandeep, Assistant Professor in ECE, published a paper on “Implementation of Driver Drowsiness Alert and Automatic Vehicle Control System Using Arduino” in IJAERD Volume 5 Issue 3 March 2018.
12. Ms. A.R.L Padmaja, Assistant Professor in ECE Published a paper on “Design Of Remote Surveillance System For Detection Of Driver's Drowsiness Using Low-Cost Embedded Platform” in IJECEC Volume 4 Issue 2 March, 2018.
13. Ms. V.VenkataLakshmi, Assistant Professor in ECE, Mr. B.Ramu, Assistant Professor in ECE, Ms. M.Umarani, Assistant Professor in ECE, published a paper on "An Efficient Adaptive Image Enhancement Method in Wavelet Domain” in IJCRT, Volume 6, March 2018.
14. Students of ECE IV year P. Niharika, P.J.Bharathwaj, A. Shiva Sai, B. Adithya, V. Pavan Kumar under the guidance of Ms. B SreeLatha, Associate professor, ECE, published a paper

- on "Preeminent Voting System", in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue 4, April 2018, pp-497-504.
15. Students of ECE IV year E Alakananda, B Bhavya, S Hari Prasad under the guidance of Ms. B SreeLatha, Associate professor, ECE, published a paper on "IoT Applied to Logistics using Intelligent Cargo", in International Research Journal of Engineering and Technology (IRJET), Volume 5 Issue 4, April 2018, pp-191-193 .
 16. Students of ECE IV year M Divya(14R11A0493),E Nikhitha (15R15A0408), Rudra Vamshi (14R11A04A9) under the guidance of Mr. Ch. Sandeep, Assistant Professor in ECE, published a paper on "Smart Ration Distribution using RFID and Biometric for Avoiding Malpractices in IJRASET, Volume 6 Issue IV, April 2018.
 17. Students of ECE IV year K.Dhenu Sri (14R11A04E2), K.Aishwarya (14R11A04E3), K.Prashanth (14R11A04E6) under the guidance of Ms.T.N.Swetha, Assistant Professor in ECE, published a paper on "Arduino Controlled Robot " in JETIR, Volume 5 Issue 4 , April-2018
 18. Students of ECE IV year Y.Sai Tejasri (14R11A04P5), V.Mounika (14R11A04N8) and M. Varun (14R11A04L8) under the guidance of Ms. Y.Nagalakshmi, Assistant Professor in ECE, published a paper on "Configurable Zigbee Based Control System In Smart Homes For People With Multiple Disabilities" in JETIR, Volume 5 Issue 4 , April-2018.
 19. Ms. M.Sowjanya published a paper on "Acquiring Bus Information Using GSM Technology" in "Journal of Emerging Technologies and Innovative Research " April 2018.
 20. Ms. J.Bharathi, Assistant Professor in ECE published a paper on " Generating Of Power Through Wheels Of A Vehicle With Smart Lighting System" in "Journal of Emerging Technologies and Innovative Research " April 2018.
 21. Mr. R.Odaiah, Associate professor, ECE published a paper on "Design Of Electronic Voting Machine Based On Image Processing Using Raspberry Pi " in "International Journal of Advance Engineering and Research Development " April 2018.
 22. Mr. R.Odaiah, Associate professor, ECE published a paper on "Increasing The Safety Of Bomb Disposal Using Zigbee Technology" in "International Journal of Advance Engineering and Research Development " April 2018.
 23. Mr. R.Odaiah, Associate professor, ECE published a paper on "Increasing The Safety Of Bomb Disposal Using Zigbee Technology" in "International Journal of Advance Engineering and Research Development " April 2018.
 24. " Mr. M.Krishna, Assistant Professor, ECE published a paper on "Collision and Short Circuit Alert Information System In Vehicles Using Arduino, GPS And GSM" in "Journal of Emerging Technologies and Innovative Research" April 2018.
 25. Mr. B. Sreelatha, Associate professor, ECE published a paper on "Implementation of Efficient Traffic Management System and Detection of Emergency/Stolen Vehicle" in "International Journal of Research" April 2018.
 26. Mr. B. Sreelatha, Associate professor, ECE published a paper on "Critical Component Identification in Analog Electronic Circuits using Sensitivity Analysis " in "International Journal of Emerging Research in Management and Technology " April 2018.
 27. Ms. M.Sowjanya, Associate professor, ECE published a paper on "Multi-View Videos Plus Depth Assessment Using Novel Saliency Detection Method" in "International Journal of Latest Trends in Engineering and Trends" April 2018.

International Conference

ICTEMPS-2018: An International Conference was organized on “Trends in Engineering, Management Pharmacy and Sciences” 20st April, 2018. 300 participants attended the conference from different countries and approximately 120 papers were shortlisted for publication. Dr. V.N. Mani, Principal Scientist, Dept. of Electronics & Information Technology, Govt. of India, Hyderabad was the Chief Guest, Dr. Subhas Chandra Mukhopadhyay, Prof. of Electronics Engineering, MACQUARIE University NSW2019, Australia was the Keynote Speaker and Mr. Bashir, Busahmin, Senior Asst. Professor, Petroleum & Chemical Engineering, University of Brunei, Brunei was the Guest of Honor.

TECHEXPO-18

TECHEXPO-18, a National level Hardware and Software project competition was conducted on 24th March, 2018 under the ISTE Professional Body. A Total of 109 batches participated in the competition out of which 25 batches were from various reputed colleges namely CVR, Vardhaman Engineering college, TKR, St.Peters Engineering College, Nalla Narasimha Reddy Engineering College, Holy Mary Institute of Technology and Science, Bhoji Reddy, AVN Institute of Engineering and Technology, etc .Prof. C.R. Sharma, an Electronics engineer from Madras Institute of Technology (now Anna University) & Vice chairman, IETE, Hyderabad center and Dr. A.V.Narasimha Rao, Professor, CBIT were invited as External judges. The judges were accompanied by the professors of the department who supported in evaluating the mini and major projects demonstrated in different labs of the department. Based on the evaluation, the merit list was prepared and a total cash prize of Rs.20,000 was distributed among the winners.



**Prof. B. Hari Kumar, Head, Department of ECE
addressing the gathering during the inaugural session**

WINNERS OF TECHEXPO - 18

S.No	Names of the Students	Prize (Cash in Rs.)	Category	College
1	K.Dhenu Sri K.Aishwarya K.Prashant	I (2500)	H/W	GCET
2	G.Koulini E. Nikhita A.Jyothirmaye Ch. Hari Prasad	I (2500)	H/W	TKRCET
3	Harika Devi K.Ramya Sri	I (2500)	H/W	TKRCET
4	M.Mridula Gayatri T. Vamshi Teja T. Shravan	I (2500)	S/W	GCET
5	Shaik Sameer Ali A.Navya V.Pooja	II (1500)	H/W	GCET
6	A.Reethika D.Mani Kanta	II (1500)	H/W	GCET
7	E.Nikhita M.Divya Rudra Vamshi	II (1500)	H/W	GCET
8	D.Keerthi C Shiva Kumar T Sai Bhuvan	II (1500)	S/W	GCET
9	Nikhitha Ragi P. Karan Kumar N.Vishal Chaitanya	III (1000)	H/W	GCET
10	M.Venkat Rohit M.Vinil Vijaya Bhaskar	III (1000)	H/W	CVR
11	B. Srikanth Reddy B.Manasa R.Srikeneth	III (1000)	H/W	Nalla Narsimha Reddy college
12	Ankita	III (1000)	H/W	CVR

INDUSTRIAL VISITS

The following Industrial visits were organized for B.Tech (ECE) students during 2017-18-II sem:

1. II B.Tech (ECE) students visited Datalog Controls and Solutions Pvt Ltd., Hyderabad during September 2017 and February, 2018.
2. III B.Tech (ECE) students visited National Institute of Amateur Radio, Hyderabad during March, 2018.
3. IV B.Tech (ECE) students visited Regional Telecom Training Centre (BSNL), Hyderabad on 23rd September, 2017.
4. IV B.Tech (ECE) students visited ICOMM TELE LIMITED, Hyderabad on 7th April, 2018 as a part of their industrial visit.

ACADEMIC TOPPERS OF 2016-17

S.No	Name	Roll No	Percentage or CGPA / Rank
I Year			
1	M.Eswar Hemanth	16R11A0427	9.50/I
2	M.Sanjay	16R11A04C4	9.42/II
3	K.Greeshma	16R11A0420	9.19/III
4	K.Himesh Bharrdwaj	16R11A0462	9.19/III
II Year			
5	P.Nikitha Reddy	15R11A04F6	76.63/I
6	D.Sai Jaya Madhavi	15R11A0472	75.80/II
7	A.Chinmayee	15R11A04J1	75.23/III
III Year			
8	J.Shiva Charan	14R11A0423	76.93/I
9	A.Navya	14R11A0404	74/II
10	P. Niharika	14R11A04A1	73.66/III

STUDENT INTERNSHIPS

There has been a significant improvement in the Student Internships during the last 2 Years. During the academic year 2016-17, 43 students underwent internships in various reputed industries. During this academic year of 2017-18 as many as 163 students have taken permission to do internships.

Following III year B.Tech students are nominated for Internship in Airport Authority of India, Begumpet, Hyderabad during May 2018. It covers all practical aspects of Antennas and Navigation Aids.

SI No	Name	Roll No
1	Nallanagula Pranay Teja	15R11A04M9
2	Venkata Nagasesha Sai Lakshmi Sowmya	15R11A04J0
3	GaddamVindhya Reddy	15R11A0410

JNTUH Innovation Club (J-HUB)

Jawaharlal Nehru Technological University Hyderabad has launched a University wide Innovation and R&D initiative J-Hub- JNTUH Innovation Hub , from the academic year 2017-18. J-Hub is envisioned to provide a unique platform for the graduating engineers, faculty, research scholars and alumni to pursue innovation, Applied Research and tech-entrepreneurship. The initiative will impact the quality, confidence and competitiveness of the students and prepare them for 21st century Knowledge Economy. Following Students are nominated from our department (in addition to students from other departments) to J-HUB initiative

II Year B.Tech. (ECE)

SI No	Name	Roll No
1	Majeti Eswar Hemant	16R11A0427
2	Adusumilli Kaushik	16R11A0497

III Year B.Tech. (ECE)

SI No	Name	Roll No
1	Chitneni Sai Ram Rao	15R11A0408
2	K S Veerendernath	15R11A0483
3	P. Nikitha Reddy	15R11A04F6

GUEST LECTURE/SEMINARS ORGANIZED

1. A guest lecture was conducted for II Year ECE students on “Nano Technology” by Dr. K Narsiham, Senior Scientist, Nuclear Fuel Complex, Hyderabad on 28th Dec, 2017.
2. A guest lecture was conducted to II, III & IV Year students of ECE on “Hardware-in-Loop Simulation (HILS) Technology” by Mr. Rajesh S Karvande, Scientist-E, DHILS, RCI, DRDO on 4th Jan, 2018.
2. A guest lecture was organized for III Year ECE students on “Introduction to Advanced Micro-controllers” by Ms. B. Bhavani of MVSR Engineering College on 24th Feb, 2018 and 240 students participated in the event.
3. A guest lecture was organized for II Year ECE students on “Fundamentals of Analog Communications and Stochastic Process” by Dr. K. Yeukondalu, CVR College on 2nd March, 2018.
4. A Seminar was conducted by Ms. Dibya Maheshwari, Software Engineer & Ms. Sridatri Panda, Manager in Association with IEEE WIE AG and Gender Champions-UGC for ECE students on “The baton is in your hands and YOU meet you” on 3rd March, 2018.
5. A guest lecture was conducted for III Year ECE students on 17th March, 2018 by Dr. Anil Kumar Vuppala on “Applications of Digital Signal Processing”.

FACULTY INTERACTION WITH OUTSIDE WORLD

1. Dr.R.Suryanaraya Raju, Professor and Dean (R&D) acted as the Chair for the Peer Review Committee of DRDL - DMRL on 10th January 2018.
2. Prof.K.Somasekhara Rao, Professor and Dean (SA) acted as a Member for the ECE BoS of SNIST on 20th January 2018.
3. Dr.V.Satya Srinivas, Associate Professor, ECE Dept. acted as Resource Person for FDP held in Osmania University on 5th June 2018.
4. Dr.Vijaya Gunturu, Professor, ECE Dept. acted as Session Chair during the International Conference **ICTEMPS-2018** held at GCET on 21st April 2018.
2. 5. Dr.C.V.Narasimhulu, Professor, ECE Dept. acted as Session Chair during the International Conference **ICTEMPS-2018** held at GCET on 21st April 2018.
3. Mr.D.Venkatarami Reddy, Associate Professor, ECE Dept. acting as a Member for the Students Activity Committee of IEEE-Hyderabad Section.
4. Dr. C.Venakata Narasimulu Professor, ECE was an External BoS Member for ECE Department of TKR College of Engineering and Technology, Hyderabad
5. A.Shanker, Associate professor, ECE delivered a lecture on “Digital Signal Processing” to III Year students of GNIT on 28th March ,2018

WHEEBOX EMPLOYABILITY SKILL TEST

AICTE/MHRD And Wheebox Emroyability Skill Test(WEST) Online Test					
Participant List ECE Dept					
S. no	Name of the student	Year	State Rank	India Rank	Over all Score
1	P.Sajeev	ECE-IIIrd	2	19th	94.00%
2	Uma Dandamudi	ECE-IIIrd	Rank is not mentioned in the certificate	55th	% is not mentioned in the certificate
3	Pavan Kumar	ECE-IIIrd	Rank is not mentioned in the certificate	75th	% is not mentioned in the certificate
4	S. Yashwanth	ECE-IIIrd	648	25383	41.00%
5	Nidhi Singh	ECE-IIIrd	Rank is not mentioned in the certificate	39th	% is not mentioned in the certificate
6	Kasula Srividya	ECE-IIIrd	Rank is not mentioned in the certificate	31st	% is not mentioned in the certificate
7	E.Tejaswini	ECE-IIIrd	Rank is not mentioned in the certificate	29th	% is not mentioned in the certificate
8	N.Bhargavi	ECE-IIIrd	702	27412	40.00%
9	Sushmita Kaidala	ECE-IIIrd	Rank is not mentioned in the certificate	39th	% is not mentioned in the certificate
10	Hari Teja.B	ECE-IIIrd	5	439	76.00%
11	N. Pranay Teja	ECE-IIIrd	214	9727	52.00%
12	T. Sukanya	ECE-IIIrd	Rank is not mentioned in the certificate	28th	91.00%
13	M. Sai Kumar	ECE-IIIrd	325	14104	48.00%
14	Parthasarathy	ECE-IIIrd	48	2147	66.00%
15	D.Akhilsaikumar	ECE-IIIrd	957	36660	36.00%

16	P.Srikanth Patil	ECE-IIIrd	1278	32266	32.00%
17	Sharmila Reddy	ECE-IIIrd	Rank is not mentioned in the certificate	43rd	% is not mentioned in the certificate
18	Mahendra Reddy	ECE-IIIrd	36th	Rank is not mentioned in the certificate	% is not mentioned in the certificate
19	K.prerana	ECE-IIIrd	325	14104	48.00%
20	J. Sai venkata Tarun	ECE-IIIrd	757	29607	39.00%
21	E. SaiKrishna	ECE-IIIrd	957	36660	36.00%
22	S.Sowmya	ECE-IIIrd	1452	53218	30.00%
23	Paavani . A.P	ECE-IIIrd	291	12887	49.00%
24	KVB . Sai Sreekar	ECE-IIIrd	85	3852	61.00%
25	B. Siddhartha Goud	ECE-IIIrd	98	4767	59.00%
26	V. Srivani	ECE-IIIrd	Rank is not mentioned in the certificate	40th	% is not mentioned in the certificate
27	Tarun Teja	ECE-IIIrd	808	31850	38.00%
28	V. Prathyusha	ECE-IIIrd	1600	59041	28.00%

**REMIDIAL CLASSES
FOR B.TECH (ECE) II YEAR & III YEAR**

Sl.No.	Name of Courses	No of Students	Average of Ist mid	Average of 2nd mid
	2017-2018			
	II Year_II sem			
1	AC	33	7.06	13.78
2	EMTL	60	7.5	13.15
3	PDSC	44	8.14	12.12
	III Year_II sem	No.of students	Average of Ist mid	Average of 2nd mid
1	DSP	49	11.06	14.36
2	DC	57	8.21	14.25
3	MPMC	53	10.66	13.26
	II Year_I sem	No.of students	Average of Ist mid	Average of 2nd mid
1	EDC	82	10.52	13.02
2	TSS	36	11.5	11.83
3	STLD	67	9.79	15.34
	III Year_I sem			
1	LDIC	99	8.46	11.45
2	AWP	50	8.74	14.02
3	EMI	74	8.84	13.86

Impact of Remedial Classes

CIRCULAR REGARDING REMEDIAL CLASSES

It is observed that the following students performance in the AC, EMTL and PDC of IInd year Ist Mid Examinations is poor. To improve the performance, Remedial classes are scheduled from 4:30 PM to 6:00 PM. If the student is failed to attend these remedial classes, he/she has to submit an undertaking signed by the father. The students listed below have to attend these classes without fail. Transport is arranged upto ECIL at 6:00 PM for the students.

Students' List:

Subject Name: PDSC

SI. No.	Class	Roll No.	Name
1	ECE A	15R11A04L9	M VISHAL
2		16R11A0403	BANGARE VISHAL
3		16R11A0412	DIVYA KISHORE
4		16R11A0418	JATOTH SAI PRIYA
5		16R11A0422	V SAI SHUBHANG
6		16R11A0425	M PRATYUSHA
7		17R15A04G9	SUNDEEP PRAKASH S
8		15R11A0430	M NAVEEN KUMAR
9	ECE B	16R11A0449	A SAI SHASHANK
10		16R11A0464	KANUKANTI SAI DHANRAJ
11		16R11A0470	MOHAMMED KHALED PASHA
12		16R11A0475	PALAPARTHI RAJEEV
13		16R11A0487	THOTA SAI SUNNY
14		17R15A0416	VASANTHA KULKERNI
15		15R11A04C0	YELIGETI NAVYA SREE
16		16R15A0417	G.Raju
17	ECE C	17R15A0430	NANDIGAMA VINAY KUMAR
18	ECE D	16R11A04F2	CHAVALI V P S P S RAVI SHASHANK
19		16R11A04F5	D CHAKSHU SAI KUMAR
20		16R11A04F9	K MADHUSUDHAN REDDY
21		16R11A04G1	KANDAVALLY SHASHI KUMAR
22		16R11A04H9	SUDAM NAGESH
23		16R11A04J7	VIKURTHI SANDHYA RANI
24		17R15A0433	D KISHORE
25		15R11A0424	KONDAPALLI RAVI TEJA
26		15R11A0436	MANISH GOWDE
27		15R11A04J9	CHINNAPALLAMARRI JOSHUA RAJ
28	16R15A0415	POTHULA SURYANARAYANA	
29	ECE E	16R11A04K5	BOJJA VARSHA
30		16R11A04L1	E ARUN REDDY
31		16R11A04L3	GURUMANCHI SAI KALYAN

32		16R11A04L8	K AVINASH MANOHAR
33		16R11A04M4	B ANJANEYULU
34		16R11A04M5	BOBBA SUMANTH REDDY
35		16R11A04N0	MALOTH SAGAR
36		16R11A04N8	PRANEET KUMAR JAIN
37		17R15A0440	DADIGC SOUJANYA
38		17R15A0442	PEGADAPALLI SRIKANTH
39		17R15A0444	S KIRAN KUMAR
40		16R11A04J6	VENKATAPURAM AVINASH
41		15R11A0475	ERUKULLA NIKIL
42		15R11A04A6	S V VINAY
43		15R11A0464	BAIRABOINA REVANTH RAJ
44		15R11A04F1	NEELA PRAVEEN

Subject Name: Analog Communications

Sl. No.	Class	Roll No.	Name
1	ECE A	16R11A0404	BAPATIA KOMALA SHIVANI
2		16R11A0409	CHINTHALA SUDEEKSHA
3		16R11A0412	DIVYA KISHORE
4		16R11A0418	JATOTH SAI PRIYA
5		16R11A0421	KATAKAM SAI DIKSHITH
6		16R11A0422	V SAI SHUBHANG
7		16R11A0425	M PRATYUSHA
8		16R11A0431	SISTA B S S SAI PHANEENDRA
9		16R11A0434	SUMANTH PAL
10		17R15A04G9	SUNDEEP PRAKASH S
11		15R11A0430	M NAVEEN KUMAR
12	ECE B	17R15A0414	G KRANTHI
13	ECE C	17R15A0427	KUNAPAREDDY GIRINAGESH
14		15R11A0443	OGIRALA AJAY KUMAR
15	ECE D	15R11A0424	KONDAPALLI RAVI TEJA
16		15R11A0436	MANISH GOWDE
17		16R15A0415	POTHULA SURYANARAYANA
18	ECE E	16R11A04L8	K AVINASH MANOHAR
19		16R11A04M3	M V NARESH
20		16R11A04M5	BOBBA SUMANTH REDDY
21		16R11A04M6	CHAKATI PRAVEEN KUMAR
22		16R11A04N0	MALOTH SAGAR
23		16R11A04N2	MARPADGA SHRAVYA
24		16R11A04N3	MEDABALIMI CHANDRA SHEKHAR
25		16R11A04N5	P SRIKAR REDDY
26		16R11A04N8	PRANEET KUMAR JAIN

27		16R11A04P2	TUMATI SONIYA
28		16R11A04P8	RAYALA NAVYA
29		16R11A04P9	TAMADA SRIDEVI
30		15R11A0475	ERUKULLA NIKIL
31		15R11A04A6	S V VINAY
32		15R11A0464	BAIRABOINA REVANTH RAJ
33		15R11A04F1	NEELA PRAVEEN

Subject Name: EM Theory and Transmission Lines

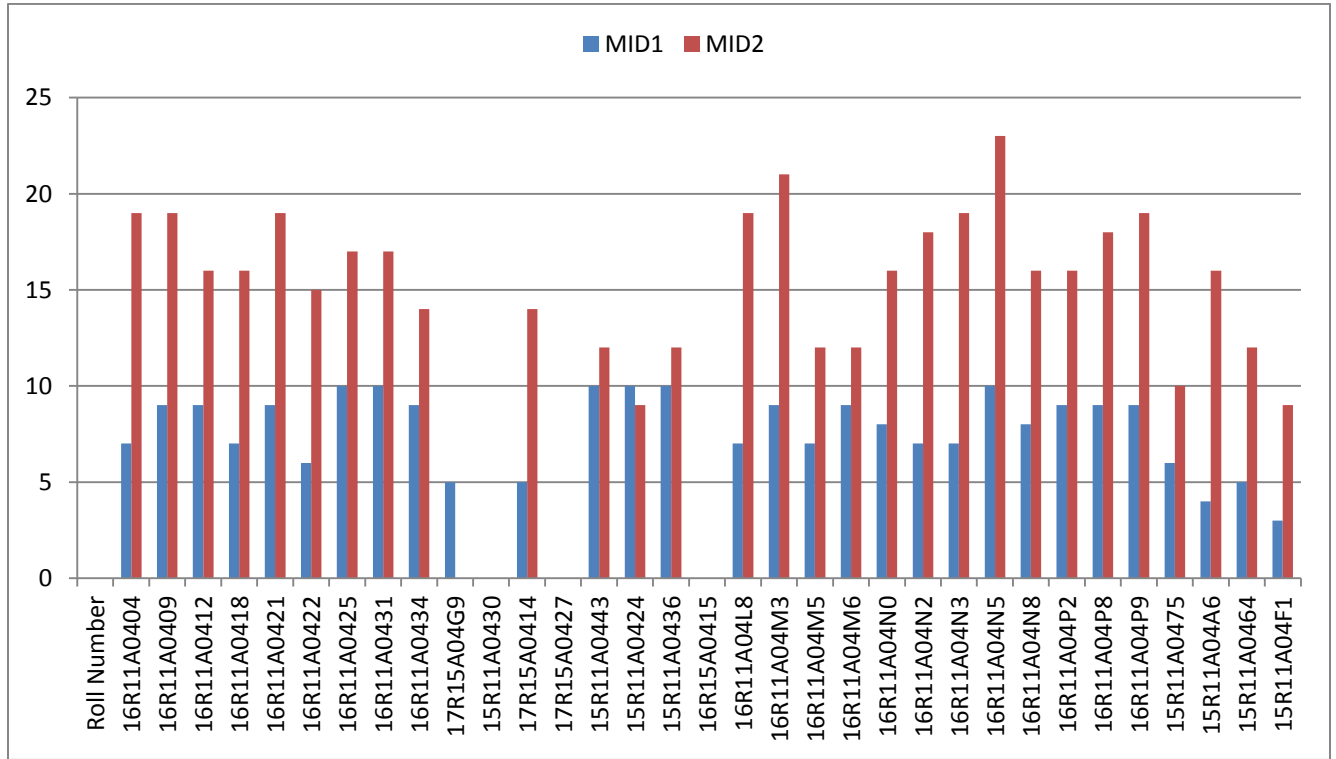
Sl. No.	Class	Roll No.	Name
1	ECE A	15R11A04L9	M VISHAL
2		16R11A0403	BANGARE VISHAL
3		16R11A0404	BAPATIA KOMALA SHIVANI
4		16R11A0407	CHILAKA SAITEJA
5		16R11A0409	CHINTHALA SUDEEKSHA
6		16R11A0412	DIVYA KISHORE
7		16R11A0418	JATOTH SAI PRIYA
8		16R11A0422	V SAI SHUBHANG
9		16R11A0425	M PRATYUSHA
10		16R11A0438	VAISHNAVI VARMA ALLURI
11		17R15A0409	K RAJASHEKAR
12		17R15A0412	PASULA ANUSHA
13		17R15A04G9	SUNDEEP PRAKASH S
14		15R11A0430	M NAVEEN KUMAR
15	ECE B	15R11A04J4	B RAJESH
16		16R11A0449	A SAI SHASHANK
17		16R11A0464	KANUKANTI SAI DHANRAJ
18		16R11A0480	MANNE HARINI
19		17R15A0418	D MEGHNA
20		17R15A0422	BOLLA ROHITH
21		15R11A04H7	VELAMAKANNI PHANI SHASHIDHAR
22		16R15A0413	KASUKURTHI SAIKUMAR
23		16R15A0417	G.Raju
24	ECE C	15R11A0469	CH NEERAJ PAUL
25		16R11A0499	SAI RAHUL ANAMALLI
26		16R11A04B1	GAJAVELLY GOWTHAM
27		16R11A04B9	KORADA HARIKA
28		16R11A04C2	MANCHIKATLA HARIPRASAD
29		16R11A04C6	NALLOLA ABHINAV
30		16R11A04D3	TANNERU HARISH
31		16R11A04D5	VALLEPU VENU KUMAR
32		17R15A0424	REGU BHASKAR
33		17R15A0425	MARABOINA RAJASRI

34		17R15A0427	KUNAPAREDDY GIRINAGESH	
35		17R15A0430	NANDIGAMA VINAY KUMAR	
36	ECE D	16R11A04F0	B V KAUSHIK	
37		16R11A04F2	CHAVALI V P S P S RAVI SHASHANK	
38		16R11A04F4	CHIRRA SRUTHI	
39		16R11A04F9	K MADHUSUDHAN REDDY	
40		16R11A04G1	KANDAVALLY SHASHI KUMAR	
41		16R11A04G4	KUNDENA SHASHANK	
42		16R11A04H9	SUDAM NAGESH	
43		16R11A04J7	VIKURTHI SANDHYA RANI	
44		17R15A0431	D JAI SAI KISHORE	
45		17R15A0433	D KISHORE	
46		17R15A0435	BYAGARI NITISH	
47		15R11A0423	KOLLI SAI KAMAL TEJ	
48		15R11A0436	MANISH GOWDE	
49		15R11A04J9	CHINNAPALLAMARRI JOSHUA RAJ	
50		16R15A0415	POTHULA SURYANARAYANA	
51		ECE E	16R11A04M5	BOBBA SUMANTH REDDY
52			16R11A04M9	MADHAVARAM YESHAWANTH
53	16R11A04N0		MALOTH SAGAR	
54	16R11A04N6		P V S DATTA ANIRUDH	
55	16R11A04N8		PRANEET KUMAR JAIN	
56	17R15A0439		DONTHA PRASHANTH	
57	17R15A0443		R SAI SUMANTH	
58	15R11A04A6		S V VINAY	
59	15R11A0464		BAIRABOINA REVANTH RAJ	
60	15R11A04F1		NEELA PRAVEEN	

Course: Analog Communications

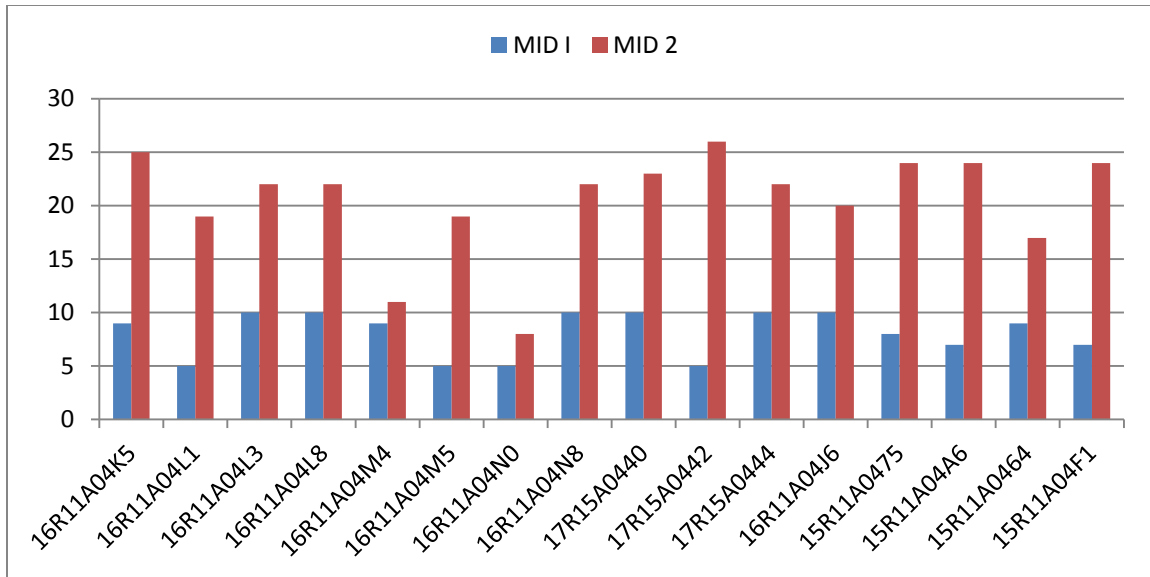
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1	16R11A0404	7	19	18	16R11A04L8	7	19
2	16R11A0409	9	19	19	16R11A04M3	9	21
3	16R11A0412	9	16	20	16R11A04M5	7	12
4	16R11A0418	7	16	21	16R11A04M6	9	12
5	16R11A0421	9	19	22	16R11A04N0	8	16
6	16R11A0422	6	15	23	16R11A04N2	7	18
7	16R11A0425	10	17	24	16R11A04N3	7	19
8	16R11A0431	10	17	25	16R11A04N5	10	23
9	16R11A0434	9	14	26	16R11A04N8	8	16
10	17R15A04G9	5	0	27	16R11A04P2	9	16
11	15R11A0430	0	0	28	16R11A04P8	9	18
12	17R15A0414	5	14	29	16R11A04P9	9	19

13	17R15A0427	0	0	30	15R11A0475	6	10
14	15R11A0443	10	12	31	15R11A04A6	4	16
15	15R11A0424	10	9	32	15R11A0464	5	12
16	15R11A0436	10	12	33	15R11A04F1	3	9
17	16R15A0415	0	0				



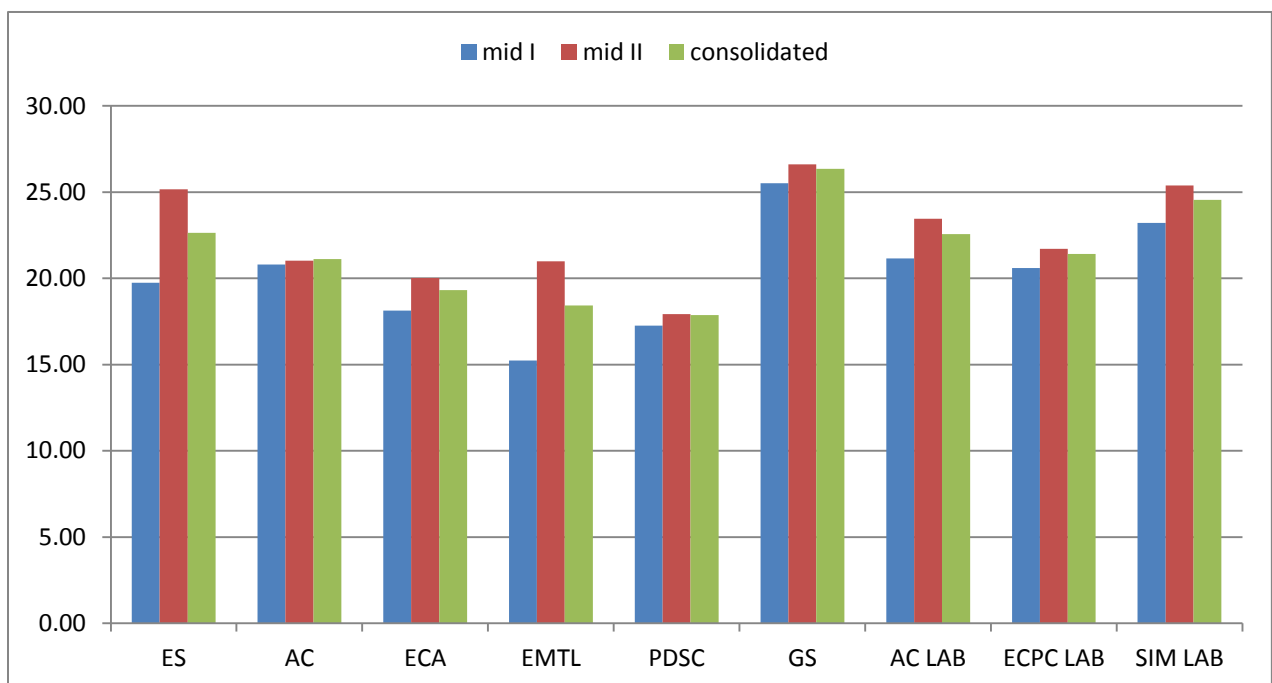
Course: PDSC

Sl. No.	Roll Number	Name of the student	MID I	MID 2
3	16R11A04K5	BOJJA VARSHA	9	25
8	16R11A04L1	E ARUN REDDY	5	19
10	16R11A04L3	GURUMANCHI SAI KALYAN	10	22
15	16R11A04L8	K AVINASH MANOHAR	10	22
21	16R11A04M4	B ANJANEYULU	9	11
22	16R11A04M5	BOBBA SUMANTH REDDY	5	19
27	16R11A04N0	MALOTH SAGAR	5	8
35	16R11A04N8	PRANEET KUMAR JAIN	10	22
49	17R15A0440	DADIGC SOUJANYA	10	23
50	17R15A0442	PEGADAPALLI SRIKANTH	5	26
52	17R15A0444	S KIRAN KUMAR	10	22
57	16R11A04J6	VENKATAPURAM AVINASH	10	20
58	15R11A0475	ERUKULLA NIKIL	8	24
59	15R11A04A6	S V VINAY	7	24
60	15R11A0464	BAIRABOINA REVANTH RAJ	9	17
61	15R11A04F1	NEELA PRAVEEN	7	24



EFFECT OF STUDENT MENTORING

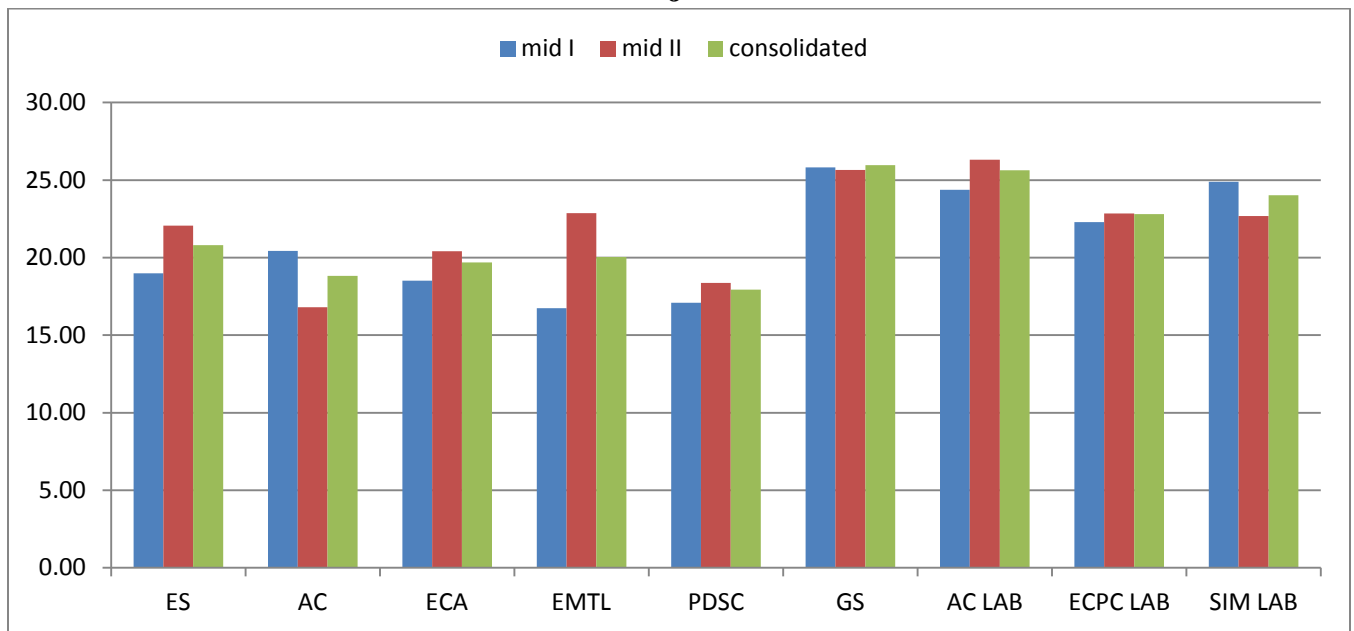
Class: II ECE - A	2017-18 - II Semester				
Subject:	mid I	mid II	consolidated	Attendance:	
ES	19.74	25.16	22.63	upto Mid-I	77.24
AC	20.81	21.02	21.12	upto Mid-II:	82.35
ECA	18.12	20.02	19.32		
EMTL	15.23	20.98	18.42		
PDSC	17.26	17.93	17.88		
GS	25.51	26.61	26.35		
AC LAB	21.16	23.46	22.56		
ECPC LAB	20.60	21.70	21.40		
SIM LAB	23.21	25.39	24.54		



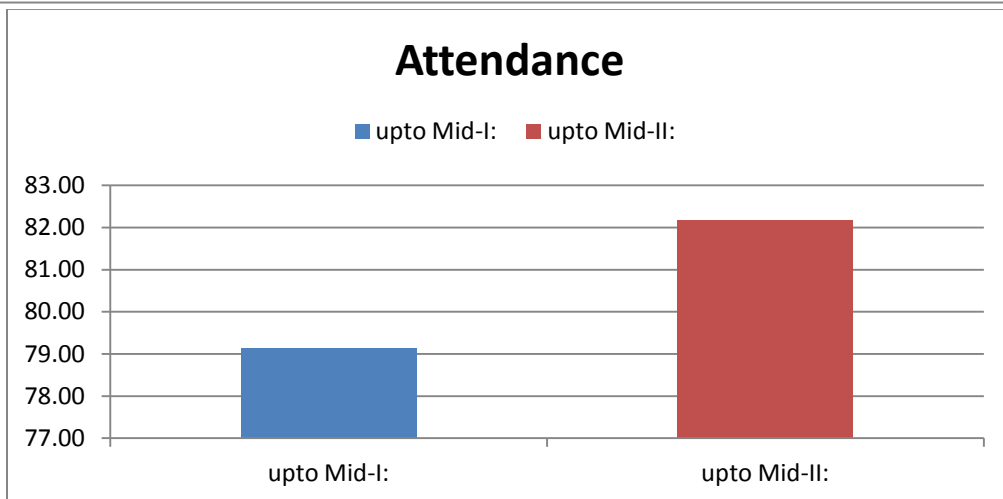
Class: II ECE - B 2017-18 - II Semester

Subject:	mid I	mid II	consolidated	Attendance:	
ES	18.98	22.07	20.80	upto Mid-I:	79.14
AC	20.44	16.80	18.83	upto Mid-II:	82.18
ECA	18.51	20.41	19.69		
EMTL	16.75	22.86	20.05		
PDSC	17.08	18.37	17.93		
GS	25.81	25.64	25.97		
AC LAB	24.37	26.32	25.63		
ECPC LAB	22.29	22.85	22.81		
SIM LAB	24.88	22.68	24.02		

Subjects



Attendance



FINISHING SCHOOL

About Finishing School (FS):

Under innovations in teaching,

FS was added to equip students with practice-oriented programming skills needed for improved campus placements.

This is currently being offered to 3rd and 4th year students of CSE,ECE,EEE branches.

Later, finishing school will be offered to all branches of third and fourth year students.

Aims of Finishing School:

- * To enable students to practice programming using tasks so that they are well-equipped with practical knowledge for Campus Placements readiness.
- * To widen student's intellectual capacity through knowledge, vision, responsibility, hardwork, kindness and enthusiasm.
- * To enable students to appreciate co-operation when working in groups.

Highlights:

Finishing school is 100% practice-based and conducted in computer labs

Knowledge-enhancement sessions are towards equipping students with intellectual knowledge and motivation to do well in all walks of life.

Contents:

Practice of programming tasks from companies covering C, Data-Structures, Java, MySQL, Web Technologies.

Case-studies from Placement Tests.

Schedule:

S.No	2018-19 Time-Period:	Offered To:	Contents (from Placements Perspective):	Number of Students:	Days, Timings:	Conducted in:
1	June-15 to Jul-07	4/1 Students	C-DS, WT	100 (CSE,ECE,EEE)	Labs will be open whole day during this time	Lab-5
2	Odd Semester	4/1 Students	C-DS, Java, MySQL, WT, Case-Studies	100 (CSE,ECE,EEE)	Friday afternoon; Saturday full day	Lab-5
3	Odd Semester	3/1 Students	C-DS, Java	100-150 (CSE,ECE,EEE)	Tuesday, Wednesday Afternoons	Lab-5

Selection Procedure:

Through entrance test on programming skills

The following Process will be followed in FS:

Conduct FS-qualifying test to identify about 100-150 students

Conduct FS sessions during Monday-Saturday for third year and fourth year students as per published schedule.

FS sessions are continuously programs oriented and additional tests will be conducted time to time

Contents that will be covered is shown in Excels B through G

Moodle will also be used to administer objective tests to students.

Java Practice Using Projects

* Java Installation

* Java Concepts needed for project development

Class, Object, Method, Threads, Collection Framework, Input, Output,

AWT/Swing

- * Java Projects such as:
- * User to enter student details of 20 students in class and retrieve specific student's details based on roll-number, name searches
Student details: Roll number, name, department code(CSE,ECE,MECH,EEE,MECH,CE)
- * Movies ticket booking. Show available seats and enable user to reserve a seat.
- * Campus recruitment companies information. User to enter information for 20 companies and retrieve based on search on top-salary, maximum number of students placed.
Company details:Company name, year visited, top salary offered, number of students placed
- * Super Market Billing system
Firstly, enter the following information and store in a suitable data structure:
Item code(3 alphabetic digits), Item Description (20 characters), Rate per unit (Rupees with 2 decimals)
Enter for a minimum of 5 items: Item bought code, Quantity
Calculate and show: Total price to be paid by customer after adding 5% taxes
- * Banking System. Provide account number, deposits, withdrawals

C-DATA STRUCTURES

C-Data Structures: Specific Problem-oriented and placement-oriented programs covering the following topics:

Array

Strings

Linked List

Stack

Queue

Tree-Based DS

Binary Tree

Binary Search Tree

Heap

Hashing

Graph

Matrix

Sorting, Searching

Pointers

Struct

Problem Examples:

Implement a phone directory with suitable data structures with search facility for contacts.

When a user enters few characters such as "an", all contacts starting with "an" to be displayed.

Write Program to find word-count (frequency) of words in a .txt file. Print the words in ascending order of words, along with word counts.

Design appropriate data structure to store routing information at a router

Design algorithm, data structure for round-robin scheduling.

Rearrange an array such that

`arr[i] = i`

Check if a linked list has loop

Using Recursion, print the reverse of a string.

Design suitable data structure to store bus routes information of our college. Given a location, retrieve all buses which stop at this location.

Between numbers 1,2,3...N find out duplicate number. There is only one duplicate number.

Example: 2,3,1,3,4

Find the second largest number of few input numbers, without sorting and without using arrays.

MySQL using Tasks

* MySQL Installation

* MySQL Concepts needed for project development

Schema, Table, Primary Key, Foreign Key, Normalization/Redundancy; 1-1, 1-m, m-m; SELECT, views, queries

* MySQL Tasks such as:

1) Download free version of MySQL in your laptop and install it. Run MySQL and issue few commands such as show tables;

2) Design and Implement a college database using MySQL

3) Design and implement the 'Friends' aspects of Facebook. Friends, Friend of friend,... should be retrieved.

Task#2 Steps overview. Student needs to implement each step using MySQL commands.

2.1) Define a college database with student table containing the following columns.

Student:- (Primary Key=id)

id	name	marks
1	Ajay	76
2	Anil	79
3	Sagar	87
4	Praveen	91
5	Mukesh	97
6	Sanjay	85
7	John	74

2.2) Output queries :

- Display all students along with names and marks
- Display students according to ascending order of name
- Display students according to descending order of marks
- Find average marks
- Find highest marks
- Find lowest marks
- Display count of rows of Student table

2.3) create the following table:-

Department (Primary key = dept):

dept	dept-name
------	-----------

```
=====
```

ece	Electronics & communications engg
cse	Computer science and Engg
mech	Mechanical engg
ce	Civil engg
eee	Electrical engg

2.4) Add another column, dept to student as follows:

Student:- (Primary Key remains as id and foreign-key=dept)

id	name	marks	dept
1	Ajay	76	ece
2	Anil	79	ece
3	Sagar	87	cse
4	Praveen	91	mech
5	Mukesh	97	cse
6	Sanjay	85	cse
7	John	74	cse

2.5) Output Queries:

- Display all rows of Department Table
- Display each student along with department code and department name
- Find all students in the ece department
- Display count of students in the ece department
- Display count of students in each department

Web Technologies, PHP using Projects

* PHP Server Installation

* PHP, Web Technologies Concepts needed for project development

Forms, get/post, form data validation, connecting to MySQL and database access, passing data across screens, shopping-cart example

* PHP Projects such as:

Screens Design, Database Design, Server code, Database code to maintain student details

Login screen using userId; Add/Modify/View student screen, View student using rollNumber or name search

Screens, Database, Server code to maintain Students and Departments

Login screen using userId; Tables: Student, Department (Add/Modify/View each Table).

Student has foreign-key to Department

Queries:

View all students in a department

Show number of students in each department, department-wise

Technology and Motivation Overview Sessions of 1-hour duration each.

Technology Topics

High-Level Design of Applications such as RedBus, Indian Railways, e-Seva sites
Computer Networks, Electromagnetic waves, propagation, Antennas

Example: How information travels from sender to receiver

Operating Systems

AI, Machine Learning

IOT concepts and possibilities

Software Development in corporates

Data Models in corporate software design

Compilers

Microprocessors, Intel 8086 Machine, Assembly Language, Interfacing

ERP

Hadoop, BigData

IRS

How Car Engine works

Power Generation concepts

Process Oriented Approach in Corporates and examples of Process Models such as CMM

Motivation Sessions Topics

Learnings from Indian History

Business Models, Startups with examples of Redbus, Business Ideas with examples from Corporate

Overview of Country Administration

Importance of Vision for all endeavours and personal aspects, with examples

Understanding of Responsibilities as student: towards oneself, family, college, society

Indian Economic Growth: History, Sectors, Liberalisation, Trends.

LIST OF ECE STUDENTS SELECTED FOR FINISHING SCHOOL

Sl. No	Branch	Section	Name	Roll no	Percentage	Backlogs	Grade
1	ECE		M.V.S Hari Prem	15R11A0432	68.5	0	B
2	ECE	A	M. Sai Kumar	15R11A0435	57	1	C
5	ECE	A	Ch. Gowtham Sai	15R11A0407	65	0	D
8	ECE	D	V. soumya	15R11A04P7	72.8	0	B
9	ECE	D	R. Harshitha	15R11A04K7	63.7	0	C
10	ECE		Ch. Sai Ram Rao	15R11A0408	70	0	A
11	ECE	D	Naga Sai Gayatri	15R11A04M7	69	0	B
12	ECE	D	Jahnavi Deskhmuikh	15R11A04K1	67.5	0	C
13	ECE	D	L. Martin David	15R11A04L8	63.5	0	C
15	ECE		V. Prashanth	15R11A04P8	67.25	0	A
17	ECE		S. Bhargavi	15R11A04G7	71	0	C
18	ECE		A.P. Pavani	15R11A04C2	69.4	0	B
19	ECE	A	Shaik Karishma	15R11A0451	65	2	D
20	ECE		G Vindhya	15R11A0410	73	0	C
21	ECE	C	K.S Prerana	15R11A04F8	77	0	C
22	ECE	A	Nidhi Singh	15R11A0440	72	0	C
24	ECE	c	a. Yamini	15R11A04C3`	63	0	D
25	ECE	A	G. Deekshitha	15R11A0413	70	0	D
26	ECE	A	T. Naga Sravani	15R11A0453	66.7	0	D
27	ECE		K. Divya Bhanu	15R11A0418	70	0	D
28	ECE	A	N. Bhargavi	15R11A0439	67	0	D

29	ECE		K. Sushma	15R11A0419	68.1	0	D
33	ECE	A	N. Lakshmi Meghana	15R11A0441	70	0	D
35	ECE	C	N. Mani Kanta Sai	15R11A04F2	68.3	0	B
37	ECE		N. Bhuvaneshwari	15R11A04E9	63	0	D
38	ECE	C	P. Nikitha Reddy	15R11A04F6	76	0	A
39	ECE	C	B. Himaja	15R11A04C5	67.75	0	B
40	ECE	C	B. nikitha	15R11A04C7	72	0	B
41	ECE	B	K. Amith Narayana	15R11A0487	63	0	A
42	ECE		K. Chetan	15R11A0486	64.5	0	B
43	ECE	C	V. Sri vani	15R11A04H5	65.1	0	B
44	ECE	D	J. Kruthi	15R11A04K9	76.2	0	D
45	ECE	C	S.Navya	15R11A04G5	67.4	0	C
46	ECE	D	V. Prathyusha	15R11A04P9	71	0	C
47	ECE	C	V. Sharmila	15R11A04H2			C
48	ECE	B	Sai Venkat Tarun	15R11A0479	66	0	D
49	ECE		M Priyanka	15R11A0430	63	0	D
51	ECE	D	D.S. Jaya Madhavi	15R11A0472	79	0	C
52	ECE	B	Veerendranath	15R11A0483	73	0	A
56	ECE	A	Aishwarya	15R11A0403	65	0	C
59	ECE		Anusree	15R11A0467	63.3	0	D
60	ECE	B	G. Archana	15R11A0476	68	0	D
61	ECE	B	G.Soujanya Reddy	15R11A0477	65	0	D
62	ECE		K.V. Nikhil	15R11A0485	59.23	0	C
63	ECE	B	P. Lahari	15R11A04A5	65	0	D
69	ECE	C	A. Bhargavi	15R11A04C1	67.8	0	B
73	ECE	C	Siddhartha Goud	15R11A04C4	68.75	0	B
75	ECE		M. Mahesh	15R11A0435	65	0	C
76	ECE	C	V. Naveen Chandra	15R11A04H8	64	0	B
77	ECE	D	A Amulya Joyce	15R11A04N7	60	1	C
78	ECE	D	S. Nithya Nikhila	15R11A04P1	68	0	C
82	ECE	D	N. Gnaneshwari	15R11A04M8	65	0	C
85	ECE		Ch. Soniya	15R11A0442	53	1	C
86	ECE	D	P. Durga Sucharitha	15R11A04N2	63.7	0	C
88	ECE		P. Sravya	15R11A04N4	69	0	B
91	ECE	C	P. mahendra Reddy	15R11A04F4	70.5	0	B
92	ECE		E.Sai Krishna	15R11A04D2	65	1	C
93	ECE	C	K. Mahesh	15R11A0433	64	0	D
96	ECE		P. Uday Kumar	15R11A0448	64	0	D
100	ECE		B. Vamsi	15R11A0406	63	0	D
102	ECE	A	P. Sumanth	16R15A0402	64	0	D
104	ECE	C	G. Aaradhana	15R11A04D4	64	0	B
106	ECE	C	Soumya sista	15R11A04J0	73.25	0	D
107	ECE		Roshini	15R11A04J3	65	0	D
108	ECE		G. Vandana Reddy	15R11A04D6	60	3	B
109	ECE		K. Pranav	15R11A04L3	66.7	0	A
111	ECE	B	Y. Sruthi	15R11A04B9	71	0	D
113	ECE	D	Farheen	15R11A04P3	62	0	C
114	ECE	D	A.Mounika	15R11A04J2	72	0	D
118	ECE	C	G. Hari Chandana	15R11A04D5	67	0	C

119	ECE	D	K. Srividya`	15R11A04L5	65.4	1	D
120	ECE	D	C. Chaitanya	15R11A04J8	63	0	D
121	ECE	D	P. Uma Sree	15R11A04N1	70	0	D
122	ECE	B	J. Abhinav	15R11A0480	67	0	C
128	ECE	D	P. Sanjeev	15R11A04N3	74	0	C

ENHANCEMENT OF SKILLS THROUGH LITERARY CLUB ACTIVITIES 2017-18

I Year/ I Sem

Analysis on A sample of 48 students

Branch &Section: ECE-D

S. No	Month	Critical thinking	spontaneity	Interactive skills	Debating skills	Total
1.	August	10	13	14	11	48
2.	September	12	13	12	11	48
3.	October	13	14	14	7	48
4.	November	15	15	11	7	48

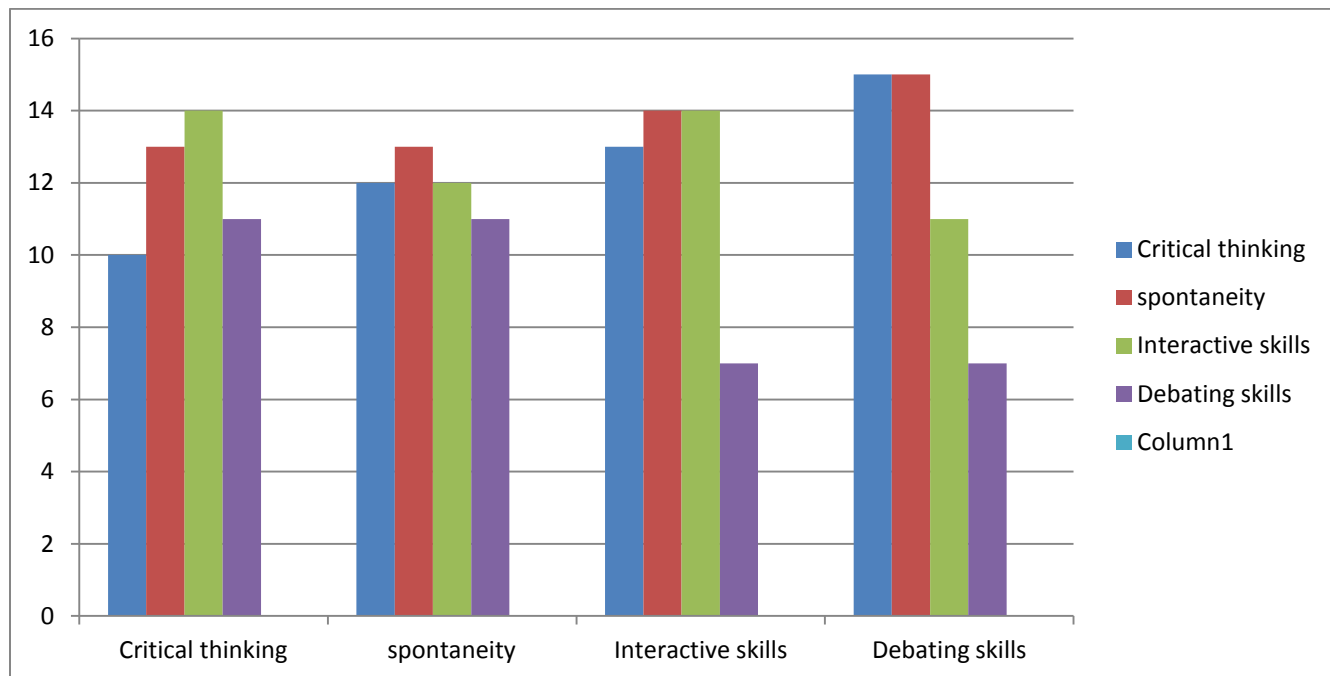
Concluding Remarks/ Report on Literary Club activities-2017-2018.

The Literary club of GCET offers a competing platform for the students who aspire to grow knowledge wise. It promises to expose and cultivate a passion for debating, discussing , quizzing ,creative writing literature, Elocution among students .

An analysis has been made on the activities conducted by Literary club 2017-2018 in sem –I. The following parameters were taken into consideration for the enhancement of their skills. 1. Critical thinking 2. Spontaneity 3. Interactive skills and 4. Debating skills. The table given above indicates a gradual improvement in critical thinking and Spontaneity. The other two skills were observed to be sensitive and requires enhancement. Hence it is an indication for the members to focus on Speaking skills in general and Debating skills in particular in the next Sem. However, the activities conducted have developed the self efficacy and confidence of the students which indirectly improved their general knowledge base. These events listed have sharpened the skills of logical thinking and resulted in excellent communication skills. It also improved their spontaneity.

The club members were successful in making the club meet its objectives . The members of the club were appreciated for their good effort.

Graphical representation of Literary club activities Sem 2



Literary club Coordinator :

Dr.K.Madhumathi

Assoc. prof(S&H)

ENHANCEMENT OF SKILLS THROUGH LITERARY CLUB ACTIVITIES 2017-18

I Year/ II Sem

Analysis on A sample of 48 students

Branch &Section: ECE-D

S. No	Month	Story telling	JAM	Narration	Debating skills	
1.	December	14	10	12	12	
2.	January	14	10	12	12	
3.	February	16	10	10	12	
4.	March	17	10	07	14	

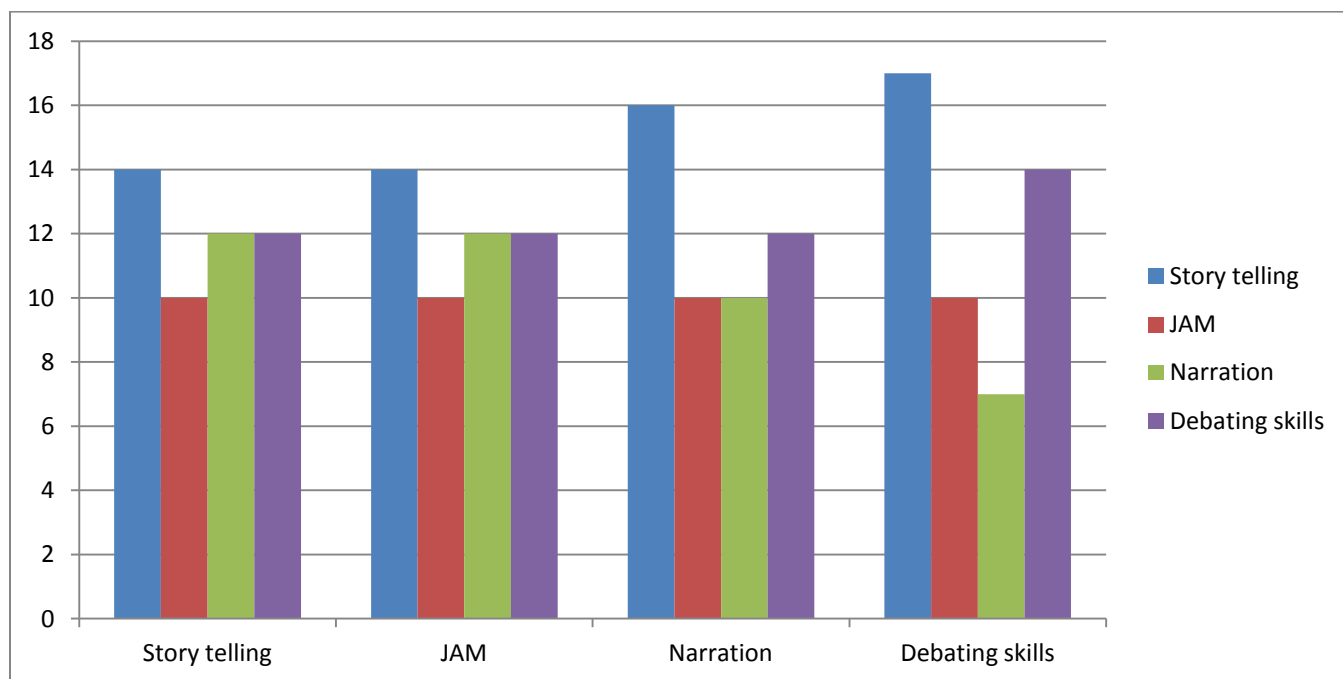
Concluding Remarks/ Report on Literary Club activities-2017-2018.

The Literary club of GCET offers a competing platform for the students who aspire to grow knowledge wise. It promises to expose and cultivate a passion for debating, discussing, quizzing, creative writing, literature, Elocution among students.

An analysis has been made on the activities conducted by Literary club 2017-2018 in sem –11 focusing on the analysis graph of sem 1 and its requirements. The following parameters were taken into consideration for the enhancement of Speaking skills and Debate skills in particular. Hence in the mentioned four parameters literary activities were conducted. 1. Story telling. 2. JAM 3. Narration 4. Debate skills.. The table given above indicates a gradual improvement. The other two skills were observed to be sensitive and requires enhancement. Hence it is an indication for the members to focus on Narration skills and JAM in the next academic year. However, the activities conducted have developed the self efficacy and confidence of the students which indirectly improved their general knowledge base. These events listed have sharpened the skills of logical thinking and resulted in excellent communication skills. It also improved their spontaneity.

The club members were successful in making the club meet its objectives. The members of the club were appreciated for their good effort.

Graphical representation of Literary club activities Sem 2



Literary club Coordinator:

Dr.K.Madhumathi

Assoc. prof(S&H)

A REPORT ON BEC COURSE - 2017-18

Introduction

We are pleased to introduce BEC Course , as a leading English language training course with a major footprint in imparting training of effective English Language Communication Skills on par with Cambridge University, U.K. We aim to bridge the gap that exists between the skill-set required by the corporate world and the skills acquired by the students through the regular course of study, thereby facilitating substantial improvement in the employability of the students.

To state briefly, our college has tied-up with University of Cambridge ESOL Examinations as an authorized Examination center for the conduct of the BEC Exams. Our college was awarded the “**Cambridge English Center of the year**” in the year 2016. This is an achievement by itself. We make use of state-of-the-art training methodologies using concept based quality content teaching. Students receive certificates, from University of Cambridge ESOL Examinations. The state -of –art class rooms in the college helped us to the maximum. Two batches appeared for the Examination, both Preliminary and Vantage ,2016-17 and 2017-18 securing **100% result**.

Impact of Business English Certificate Training:

This training not only enabled the students to enhance their employment opportunities, but also helped them further to gain professional development. As a proof for this, one of the students N.Mounika, 5G4 III CSE, who secured distinction in the final examination, got admission in a University for MS in USA. This training helped the students in providing necessary skills to climb the ladder of success in career. N.Rahul, CSE-C student got placed in an MNC. Some of the students who emerged with flying colours out of this examination, developed their personality traits through communication productivity. Many other students with merit pass got individual employability skills enhanced. The continuous analysis of individual performance and feedback by the trainers, Ms.G.KarunaKumari and Dr.B.Nagamani, enabled the students to appear for IELTS and GRE without any extra training. G.KarunaKumari.

CAREER & ACADEMIC GUIDANCE ACTIVITIES

Student Career Development Programmes SCHEDULED FOR - 2017-18

S.No	Title	Resource Person	Month
1.	ONE DAY WORKSHOP ON ENTREPRENEURSHIP	PROF. SAIKUMAR	JULY/AUGUST-2017
2.	International -INDO-INDUS GLOBAL SUMMIT	GLOBAL LEADERS.	Venue-Taj Deccan JULY 19, 2017
3.	EMPLOYABILITY SKILLS	DR. VIJAYA KUMAR	SEPTEMBER-2017
4.	Higher Education at U.S Abroad	I20FEVER	OCTOBER-2017
5.	Avenues for Higher Education with a FL other than English.	Planet Education	February -2018.

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

CHEERYAL (V), KEESARA (M), R.R.DIST. - 501 301.

Date: 30-05-18

RESULT ANALYSIS FOR 2014 BATCH (IV YEAR II SEM)

COLLEGE PASS PERCENTAGE

YEAR/SEM	EXAM DATE	BRANCH						College Pass %
		EEE	ECE	CSE	CE	IT	MECH	
IV/II	May - 2018	35.18	62.54	57.62	68.35	***	66.35	60.11
IV/II	May - 2017	35.71	74.64	69.76	***	47.16	78.26	68.05
IV/I	Nov - 2016	44.6	50.71	52.09	***	33.3	46.08	48.38
III / II	May - 2016	34.48	48.54	43.31	***	42.59	40.54	43.65
III / I	Nov - 2015	35.08	54.32	40.93	***	39.62	44.14	45.18
II / II	May - 2015	45.61	66.50	58.25	***	34.61	39.82	54.69
II / I	Dec - 2014	36	41.1	33.18	***	23.07	28.38	34.34
I Year	June - 2014	63.33	60.89	47.34	***	29.62	39.44	49.92

AS ON 30-05-2018

COMPARISION OF PASS PERCENTAGE WITH PREVIOUS BATCHES

AS ON 30-05-2018

YEAR/SEM	BATCH	BRANCH						College Pass %
		EEE	ECE	CSE	CE	IT	MECH	
IV / II	2014	35.18	62.54	57.62	68.35	***	66.35	60.11
IV / II	2013	35.71	74.64	69.76	***	47.16	78.26	68.05
IV / II	2012	60	72.39	73.78	***	83.01	54.41	71.35
IV / II	2011	65.27	82.57	92.30	***	69.02	48.00	79.26
IV / II	2010	79.71	94.87	92.56	***	93.85	***	91.44
IV / II	2009	79.66	97.74	93.28	***	81.90	***	89.90
IV / II	2008	72.00	93.00	93.38	***	80.00	***	84.60
IV / II	2007	45.00	93.00	92.00	***	80.00	***	77.50
IV / II	2006	41.81	82.75	94.54	***	80.62	***	74.93
IV / II	2005	***	90.00	98.33	***	70.45	***	86.26

Prepared by

CONTROLLER OF EXAMINATIONS

PRINCIPAL
PRINCIPAL

Geethanjali College of Engineering and Technol
(Autonomous)
Cheeryal (V), Keesara (M), Madchal Dist. (T.S.) - 501

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USA

RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-A (2016 BATCH)

OVERALL PASS PERCENTAGE (2016 BATCH)

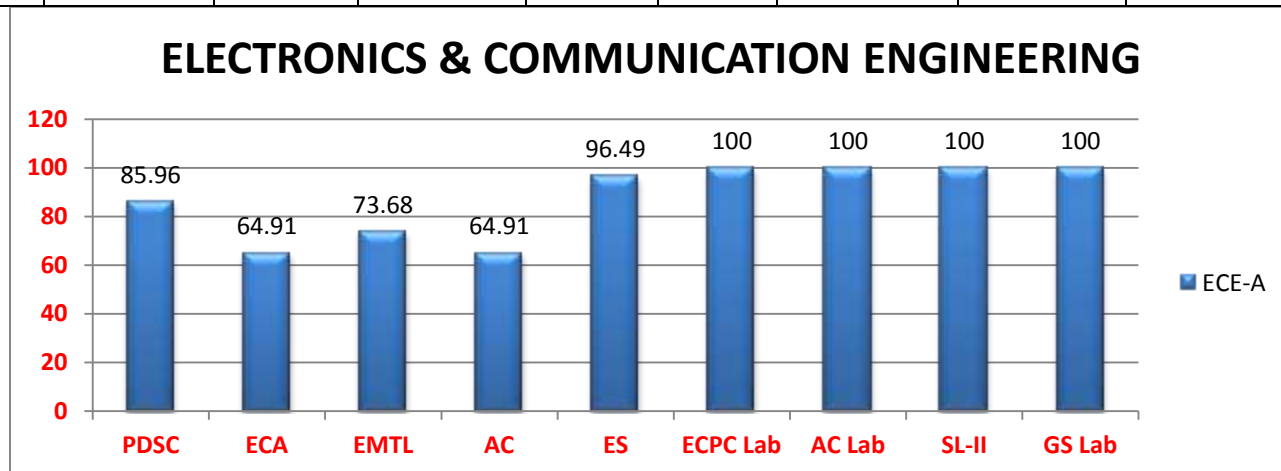
NUMBER OF STUDENTS APPEARED = 57

NUMBER OF STUDENTS PASSED =30

NUMBER OF STUDENTS FAILED =27

TOTAL PASS PERCENTAGE = 52.63%

Batch	PDSC	ECA	EMTL	AC	ES	EC PC LAB	AC LAB	SL LAB	GS
2016	85.96	64.91	73.68	64.91	96.49	100	100	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	PDSC	57	49	85.96	Prof.K.Somashekar Rao	8
2	ECA	57	37	64.91	Dr.G.Vijaya Gunturu	20
3	EMTL	57	42	73.68	Dr.R.S.Raju/ V.InduPriya	15
4	AC	57	37	64.91	S.Jyothirmaye	20
5	ES	57	55	96.49	Bhargavi Lakshmi	2
6	ECPC Lab	57	57	100	M.Umarani, P.Chandra Prakash,B.Suneetha	0
7	AC Lab	57	57	100	S.Jyothirmaye, V.VenkataLakshmi, M.Chathar	0
8	SL-II	57	57	100	M.Anand, A.Sowjanya(A2), Dr.V.Satya Srinivas	0
9	GS Lab	57	57	100	G.Sreelakshmi, P.Sudhakar	0

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - A	09	06	06	06	NIL

CONTROLLER OF EXAMINATIONS

PRINCIPAL

RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-B (2016 BATCH)

OVERALL PASS PERCENTAGE (2016 BATCH)

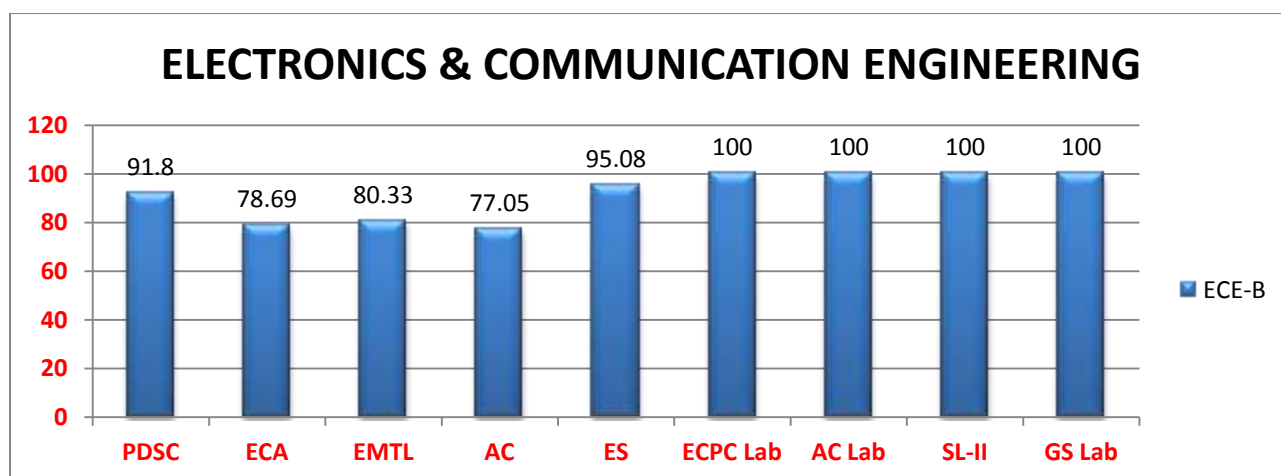
NUMBER OF STUDENTS APPEARED = 61

NUMBER OF STUDENTS PASSED = 42

NUMBER OF STUDENTS FAILED =19

TOTAL PASS PERCENTAGE =68.85%

Batch	PDSC	ECA	EMTL	AC	ES	EC PC LAB	AC LAB	SL LAB	GS
2016	91.80	78.69	80.33	77.05	95.08	100	100	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	PDSC	61	56	91.80	M.Krishna	5
2	ECA	61	48	78.69	Dr.S.Suryanarayana	13
3	EMTL	61	49	80.33	P.Naresh Kumar	12
4	AC	61	47	77.05	B.Sreelatha	14
5	ES	61	58	95.08	Bhargavi Lakshmi	3
6	ECPC Lab	61	61	100	M.Krishna, P.ChandraPrakash Reddy	0
7	AC Lab	61	61	100	P.Naresh Kumar, RVNR.Suneel Krishna	0
8	SL-II	61	61	100	V.InduPriya,V.Sireesha,Dr.V.SatyaSriniva	0
9	GS Lab	61	61	100	S.VasuKrishna, B.Suneetha	0

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
1	ECE – B	04	05	08	01	01

RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-C (2016 BATCH)

OVERALL PASS PERCENTAGE (2016 BATCH)

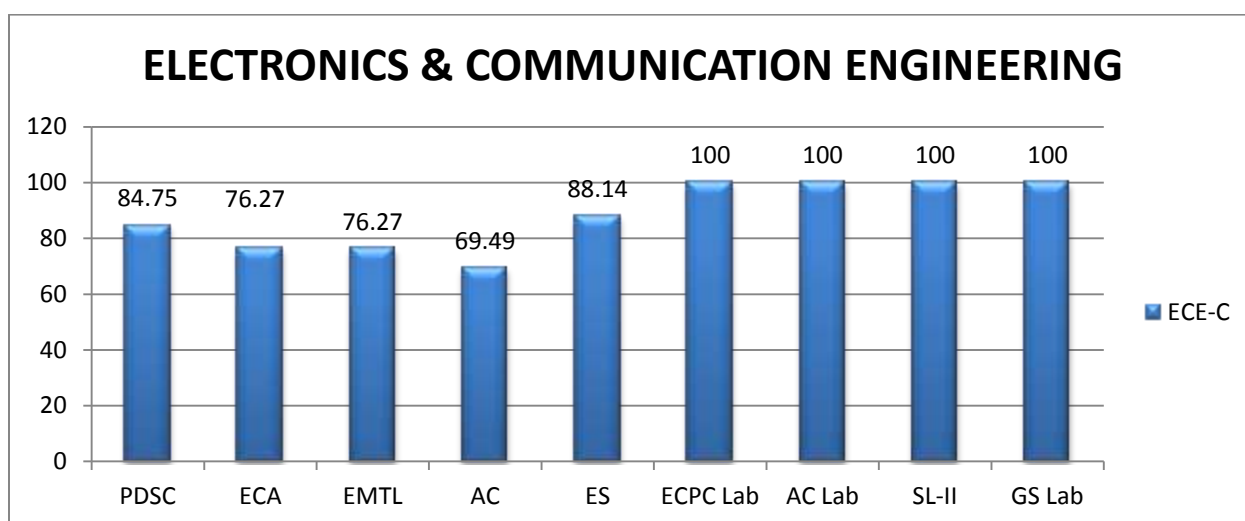
NUMBER OF STUDENTS APPEARED = 59

NUMBER OF STUDENTS PASSED = 34

NUMBER OF STUDENTS FAILED = 25

TOTAL PASS PERCENTAGE = 57.62%

Batch	PDSC	ECA	EMTL	AC	ES	ECPC LAB	AC LAB	SL LAB	GS
2016	84.75	76.27	76.27	69.49	88.14	100	100	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	PDSC	59	50	84.75	A.Subramanyam	9
2	ECA	59	45	76.27	U.AppalaRaju	14
3	EMTL	59	45	76.27	Prof.B.Hari Kumar/A.Sowjanya	14
4	AC	59	41	69.49	M.Sowjanya	18
5	ES	59	52	88.14	K.Sudhakar	7
6	ECPC Lab	59	59	100	A.Subramanyam / Shravani/Swetha	0
7	AC Lab	59	59	100	Ch.Suresh Kumar, M.Chathar Singh	0
8	SL-II	59	59	100	U.AppalaRaju, A.Sowjanya	0
9	GS Lab	59	59	100	B.Sreelatha, Ch.Suresh Kumar	0

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
1	ECE - C	10	02	05	07	01

RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-D (2016 BATCH)

OVERALL PASS PERCENTAGE (2016 BATCH)

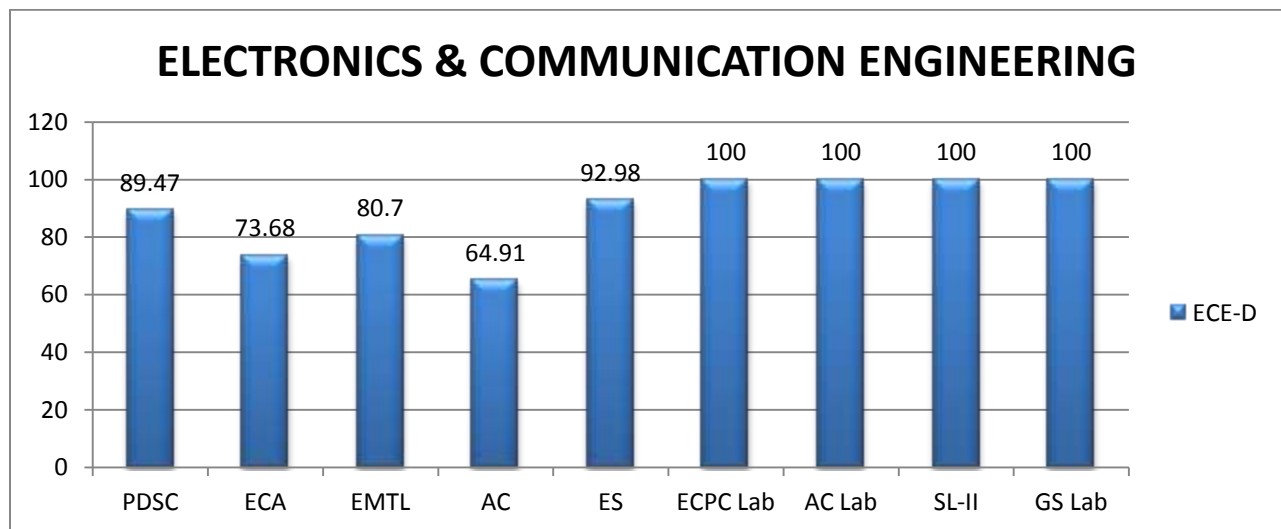
NUMBER OF STUDENTS APPEARED = 57

NUMBER OF STUDENTS PASSED = 33

NUMBER OF STUDENTS FAILED = 24

TOTAL PASS PERCENTAGE = 57.89%

Batch	PDSC	ECA	EMTL	AC	ES	ECPC LAB	AC LAB	SL LAB	GS
2016	89.47	73.68	80.7	64.91	92.98	100	100	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	PDSC	57	51	89.47	M.UmaRani	6
2	ECA	57	42	73.68	Dr.Vijaya Gunturu/ V.Savithri Padma Priya	15
3	EMTL	57	46	80.70	P.Naresh Kumar	11
4	AC	57	37	64.91	M.Sowjanya	20
5	ES	57	53	92.98	K.Sudhakar	4
6	ECPC Lab	57	57	100	M.UmaRani,V.Savithri Padma Priya	0
7	AC Lab	57	57	100	M.Sowjanya,S.Krishna Priya,B.Mamatha	0
8	SL-II	57	57	100	D.VenkataRamiReddy, V.Sirisha/ Anand	0
9	GS Lab	57	57	100	Prof.OVPR.Siva Kumar, J.Bharathi	0

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
1	ECE - D	5	10	06	02	01

RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-E (2016 BATCH)

OVERALL PASS PERCENTAGE (2016 BATCH)

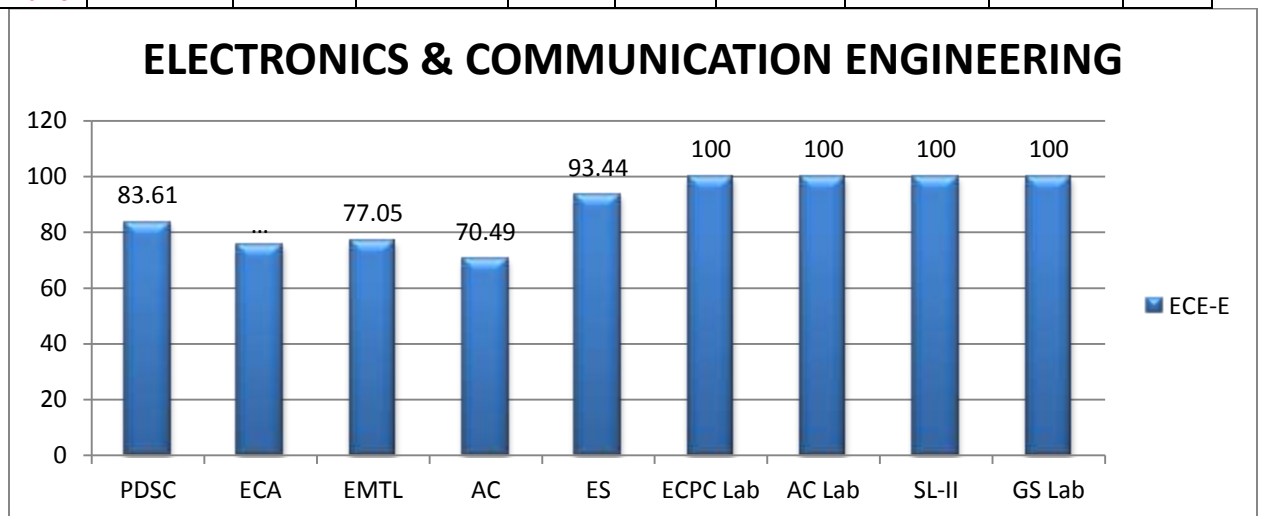
NUMBER OF STUDENTS APPEARED = 61

NUMBER OF STUDENTS PASSED = 37

NUMBER OF STUDENTS FAILED = 24

TOTAL PASS PERCENTAGE = 60.65%

Batch	PDSC	ECA	EMTL	AC	ES	ECPC LAB	AC LAB	SL LAB	GS
2016	83.61	75.41	77.05	70.49	93.44	100	100	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	PDSC	61	51	83.61	D.Sony	10
2	ECA	61	46	75.41	Dr.S.Surayanarayan	15
3	EMTL	61	47	77.05	Y.NagaLakshmi	14
4	AC	61	43	70.49	S.Jyothirmaye/ V.Venkata Lakshmi	18
5	ES	61	57	93.44	K.Sudhakar	4
6	ECPC Lab	61	61	100	Y.Nagalakshmi, V.Savithri Padma Priya	0
7	AC Lab	61	61	100	V.Venkata Lakshmi, B.Ramu, M.Krishna	0
8	SL-II	61	61	100	Dr.V.SatyaSrinivas, V.Sireesha(E2)	0
9	GS Lab	61	61	100	P.Sudhakar, S.Shravani	0

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
1	ECE - E	09	05	02	04	04

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III B.Tech II Sem Regular Examinations, April - 2018

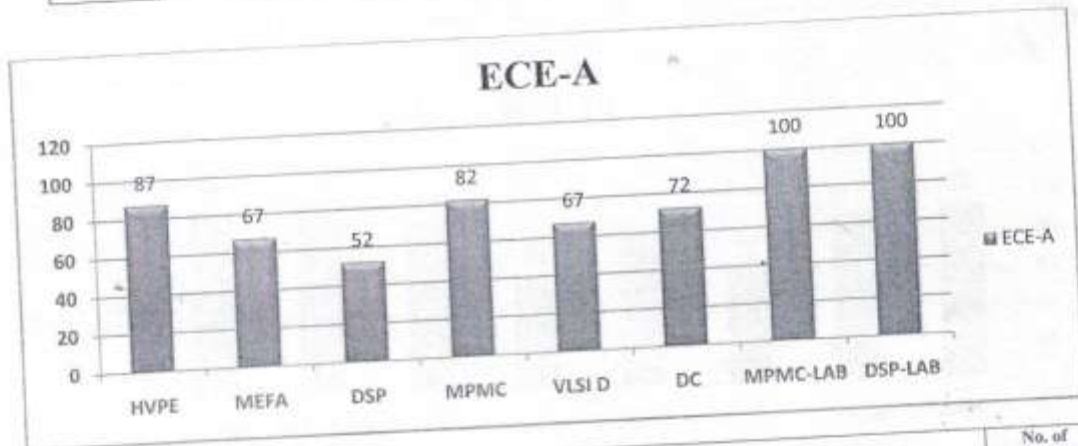
RESULTS ANALYSIS

Date: 23.06.2018

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING - A (2015 BATCH)

NUMBER OF STUDENTS APPEARED = 60
 NUMBER OF STUDENTS PASSED = 22
 NUMBER OF STUDENTS FAILED = 38
 TOTAL PASS PERCENTAGE = 36.67%

BATCH	HVPE	MEFA	DSP	MPMC	VLSI D	DC	MPMC-LAB	DSP-LAB
2015	87	67	52	82	67	72	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty Shri / Ms	No. of Students Failed
1	HVPE	60	52	87	Vardhini	8
2	MEFA	60	40	67	G.Aruna	20
3	DSP	60	31	52	R.Odaiah	29
4	MPMC	60	49	82	Prof.K.S.Rao/M.Anand	11
5	VLSI D	60	40	67	M.Krishna Chaitanya/G.Venkat Rao	20
6	DC	60	43	72	D.VenkataRami reddy	17
7	MPMC-LAB	60	60	100	G.Venkat Rao/D.Sony/ARL.Padmaja	NIL
8	DSP-LAB	60	60	100	R.Odaiah/P.Sudhakar/Dr.Vineel Kumar	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - A	09	11	06	07	05

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RESULTS ANALYSIS

Date: 23.06.2018

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING - B (2015 BATCH)

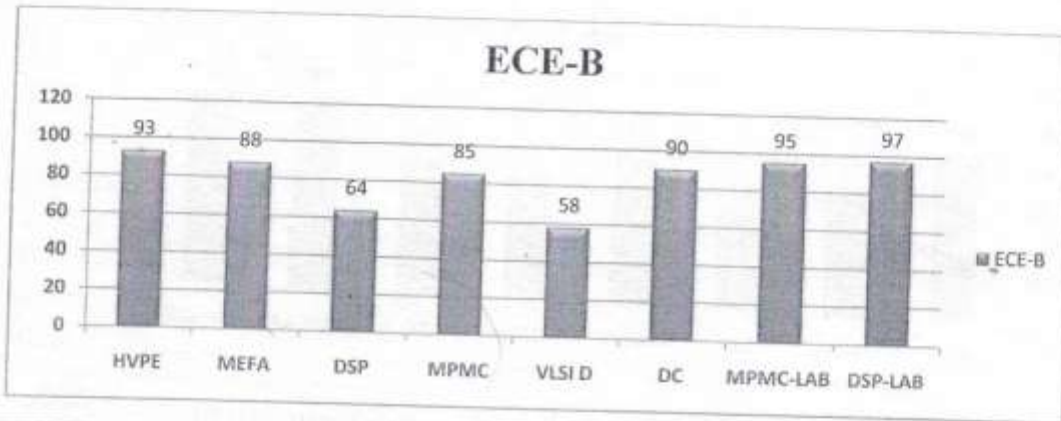
NUMBER OF STUDENTS APPEARED = 59

NUMBER OF STUDENTS PASSED = 26

NUMBER OF STUDENTS FAILED = 33

TOTAL PASS PERCENTAGE = 44.07%

BATCH	HVPE	MEFA	DSP	MPMC	VLSI D	DC	MPMC-LAB	DSP-LAB
2015	93	88	64	85	58	90	95	97



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty Shri / Ms	No. of Students Failed
1	HVPE	59	55	93	BPS.Jyothi	4
2	MEFA	59	52	88	Y.Bala Manikanta	7
3	DSP	59	38	64	A.Shanker	21
4	MPMC	59	50	85	M.Laxmi/ARL.Padmaja	9
5	VLSI D	59	34	58	Prof.OVPR.Siva Kumar/J.Bharathi	25
6	DC	59	53	90	B.Mamatha	6
7	MPMC-LAB	59	56	95	M.Laxmi/ B.Sreelatha/ ARL.Padmaja	3
8	DSP-LAB	59	57	97	A.Shanker/L.Kavya/Dr.Vineel Kumar	2

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - B	09	14	05	03	02

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RESULTS ANALYSIS

Date: 23.06.2018

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING - C (2015 BATCH)

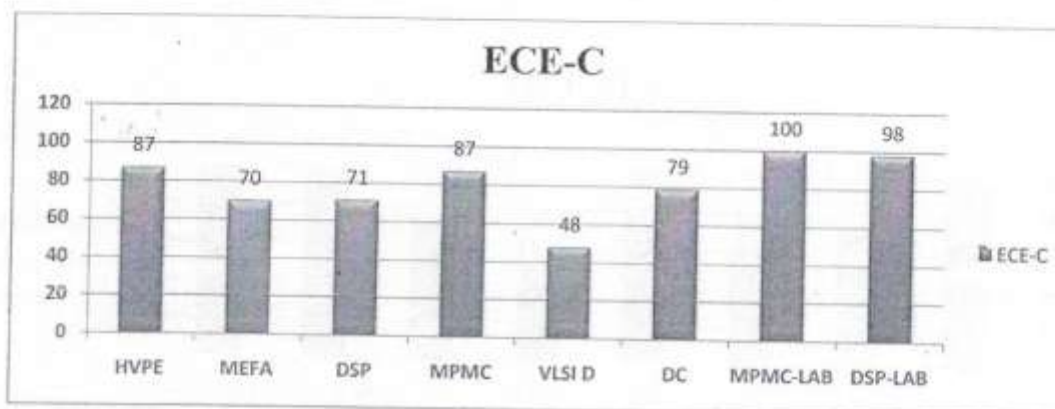
NUMBER OF STUDENTS APPEARED = 63

NUMBER OF STUDENTS PASSED = 20

NUMBER OF STUDENTS FAILED = 43

TOTAL PASS PERCENTAGE = 31.75%

BATCH	HVPE	MEFA	DSP	MPMC	VLSI D	DC	MPMC-LAB	DSP-LAB
2015	87	70	71	87	48	79	100	98



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty Shri / Ms	No. of Students Failed
1	HVPE	63	55	87	Y.Bala Manikanta	8
2	MEFA	63	44	70	Vardhini	19
3	DSP	63	45	71	Dr.C.Venkata Narasimhulu/Dr.Vineel Kumar	18
4	MPMC	63	55	87	G.Sreelakshmi	8
5	VLSI D	63	30	48	S.VasuKrishna	33
6	DC	63	50	79	D.VenkataRami Reddy/Y.SivaRamaKrishna	13
7	MPMC-LAB	63	63	100	G.Sreelakshmi/Ch.Sandeep	0
8	DSP-LAB	63	62	98	Y.SivaRamaKrishna/L.Kavya	1

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - C	22	05	05	04	07

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BRANCH: ELECTRONICS COMMUNICATION ENGINEERING - D (2015 BATCH)

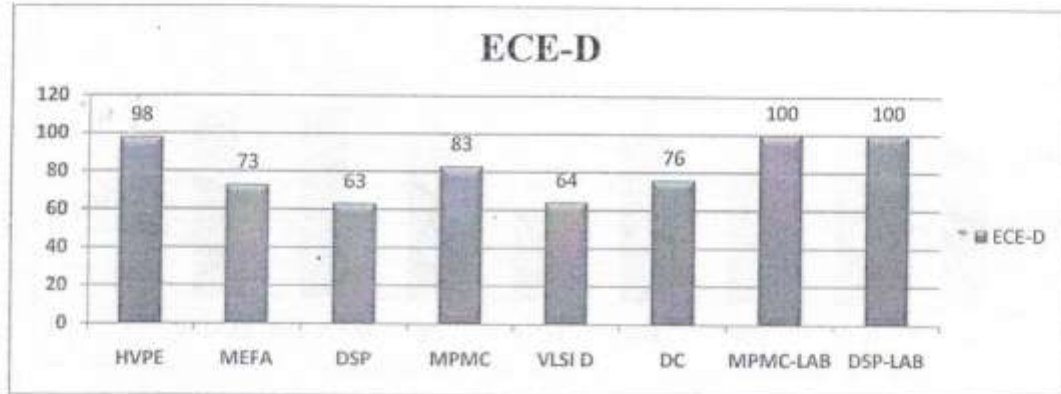
NUMBER OF STUDENTS APPEARED = 59

NUMBER OF STUDENTS PASSED = 23

NUMBER OF STUDENTS FAILED = 36

TOTAL PASS PERCENTAGE = 38.98%

BATCH	HVPE	MEFA	DSP	MPMC	VLSI D	DC	MPMC-LAB	DSP-LAB
2015	98	73	63	83	64	76	100	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty Shri / Ms	No. of Students Failed
1	HVPE	59	58	98	K.Naupal	1
2	MEFA	59	43	73	G.Aruna	16
3	DSP	59	37	63	Dr.C.Venkata Narasimhulu/K.Victor	22
4	MPMC	59	49	83	S.Yagnasree	10
5	VLSI D	59	38	64	B.Jugal Kishore	21
6	DC	59	45	76	S.KrishnaPriya	14
7	MPMC-LAB	59	59	100	S.Yagnasree/M.Laxmi/Ch.Sandeep/D.Sony	NIL
8	DSP-LAB	59	59	100	K.Victor/Y.SivaRamaKrishna/A.Shanker	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
01	ECE - D	15	07	03	09	02


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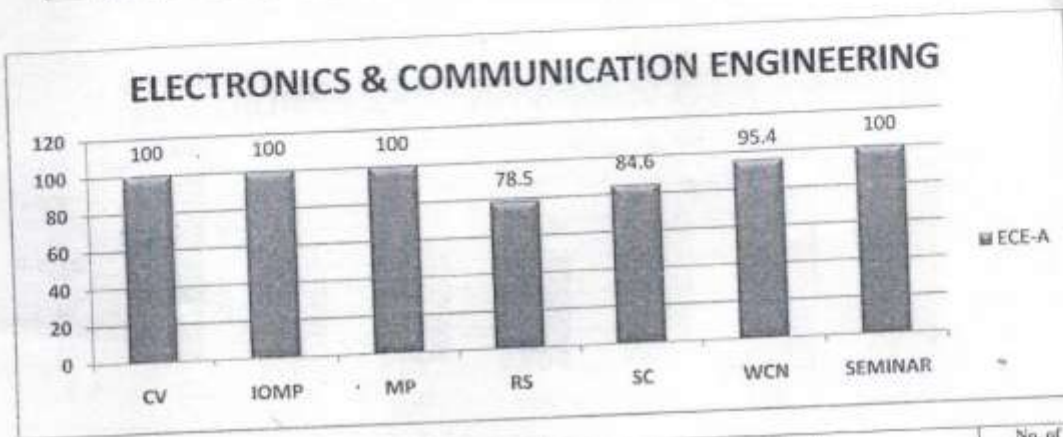
RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-A (2014 BATCH)

OVERALL PASS PERCENTAGE (2014 BATCH)

NUMBER OF STUDENTS APPEARED = 65
 NUMBER OF STUDENTS PASSED = 48
 NUMBER OF STUDENTS FAILED = 17
 TOTAL PASS PERCENTAGE = 73.84 %

BATCH	CV	IOMP	MP	RS	SC	WCN	SEMINAR
2014	100	100	100	78.5	84.6	95.4	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	CV	65	65	100	Dr.S.Suryanarayana	NIL
2	IOMP	65	65	100	U. Appala Raju, R. Odiah	NIL
3	MP	65	65	100	Dr.C.Venkata Narasimhulu, U.Appala Raju	NIL
4	RS	65	51	78.5	V.InduPriya	14
5	SC	65	55	84.6	B.Suneetha	10
6	WCN	65	62	95.4	S.Shravani	3
7	SEMINAR	65	65	100	G.Venkat Rao, S.Yagnasree	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - A	09	06	02	NIL	NIL

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RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-B (2014 BATCH)

OVERALL PASS PERCENTAGE (2014 BATCH)

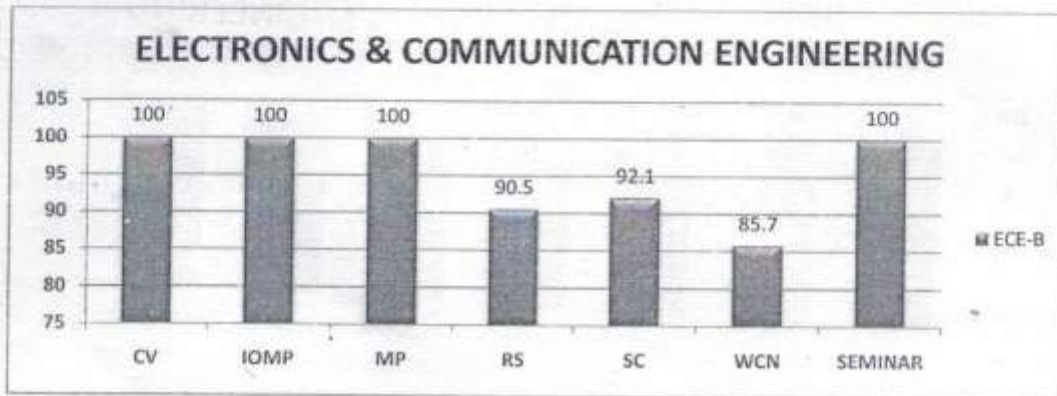
NUMBER OF STUDENTS APPEARED = 63

NUMBER OF STUDENTS PASSED = 48

NUMBER OF STUDENTS FAILED = 15

TOTAL PASS PERCENTAGE = 76.19%

BATCH	CV	IOMP	MP	RS	SC	WCN	SEMINAR
2014	100	100	100	90.5	92.1	85.7	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	CV	63	63	100	Dr.S.Suryanarayana	NIL
2	IOMP	63	63	100	Mr.Vasu Krishna,B. Sreelatha	NIL
3	MP	63	63	100	Prof.K.S.Rao, G.Sreelakshmi	NIL
4	RS	63	57	90.5	RVNR.Suneel Krishna	6
5	SC	63	58	92.1	T.N.Swetha	5
6	WCN	63	54	85.7	L.Kavya	9
7	SEMINAR	63	63	100	K.Victor, RVNR.Suneel Krishna	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - B	10	05	NIL	NIL	NIL

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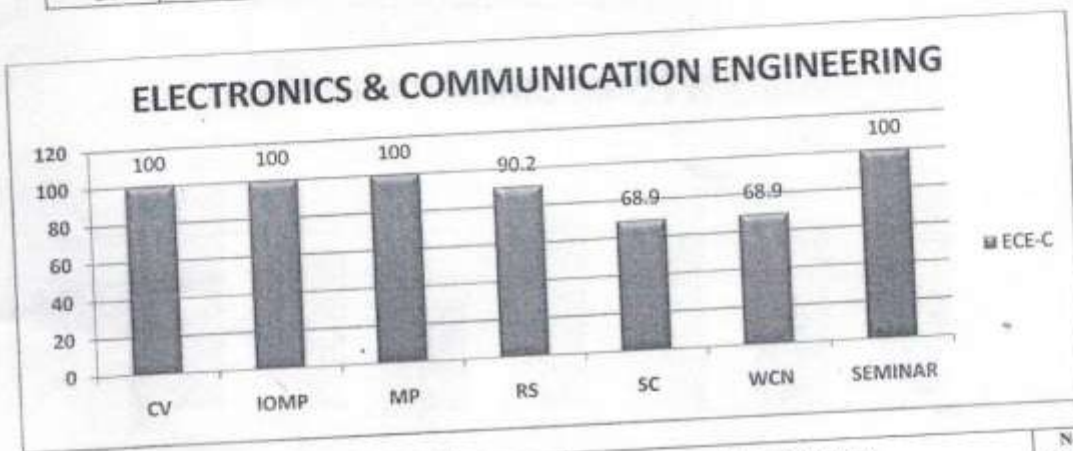
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RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-C (2014 BATCH)
OVERALL PASS PERCENTAGE (2014 BATCH)

NUMBER OF STUDENTS APPEARED = 61
 NUMBER OF STUDENTS PASSED = 34
 NUMBER OF STUDENTS FAILED = 27
 TOTAL PASS PERCENTAGE = 55.73%

BATCH	CV	IOMP	MP	RS	SC	WCN	SEMINAR
2014	100	100	100	90.2	68.9	68.9	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	CV	61	61	100	Dr.S.Suryanarayana	NIL
2	IOMP	61	61	100	D.Venkata Rami Reddy, E. Sudhakar	NIL
3	MP	61	61	100	Prof.OVPR.Siva Kumar, D.Venkata Rami Reddy	NIL
4	RS	61	55	90.2	B.Ramu	06
5	SC	61	42	68.9	Dr.V.Satya Srinivas	19
6	WCN	61	42	68.9	P.Chandra Prakash Reddy	19
7	SEMINAR	61	61	100	Y.NagaLakshmi, B.Ramu	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
	ECE - C	14	09	04	NIL	NIL

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 IV B.Tech II SEM REGULAR EXAMINATIONS, MAY, 2017

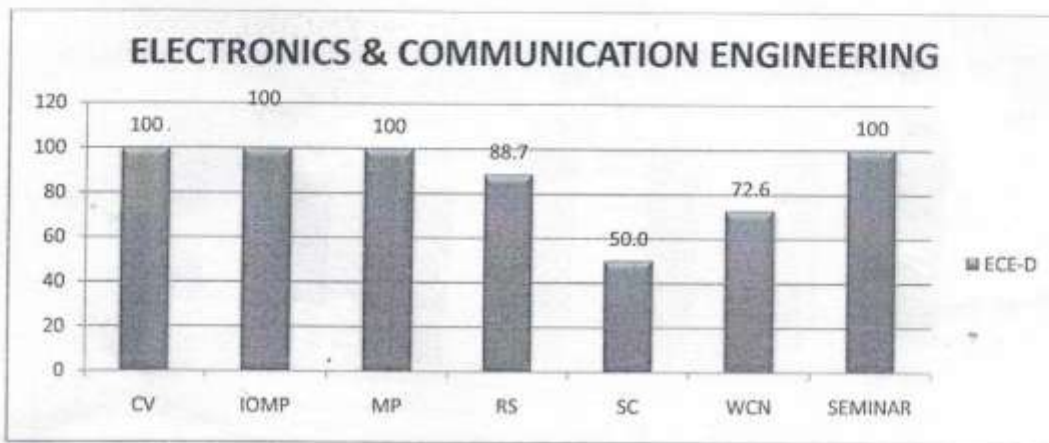
RESULTS ANALYSIS

BRANCH: ELECTRONICS COMMUNICATION ENGINEERING-D (2014 BATCH)

OVERALL PASS PERCENTAGE (2014 BATCH)

NUMBER OF STUDENTS APPEARED = 62
 NUMBER OF STUDENTS PASSED = 27
 NUMBER OF STUDENTS FAILED = 35
 TOTAL PASS PERCENTAGE = 43.54 %

Batch	CV	IOMP	MP	RS	SC	WCN	SEMINAR
2014	100	100	100	88.7	50	72.6	100



S. No.	Name of the Subject	No. of Students Appeared	No. Of Students Passed	Pass %	Name of the Faculty S/Shri/Ms	No. of Students Failed
1	CV	62	62	100	Dr.S.Suryanarayana	NIL
2	IOMP	62	62	100	M. Laxmi, Krishna Priya	NIL
3	MP	62	62	100	Dr.S.Suryanarayana, M.Laxmi	NIL
4	RS	62	55	88.7	Ch.Suresh Kumar	07
5	SC	62	31	50.0	V.Sireesha	31
6	WCN	62	45	72.6	M.Chathar Singh	17
7	SEMINAR	62	62	100	B.Jugal Kishore, A.Sowjanya	NIL

NUMBER OF STUDENTS FAILED IN SUBJECT WISE

S. No.	Branch	Failed in one subject	Failed in two subjects	Failed in three subjects	Failed in four subjects	Failed in five & above subjects
1	ECE - D	19	12	04	Nil	Nil

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MAJOR PROJECTS - IV ECE-A of A.Y.2017-18

Sl. No.	Batch No.	Roll Numbers	Title of the project	Place of work	Internal Guide	Place of Work	Project Type: (Application/Product/Research/Review)	Factors Considered (Safety/Ethics/Cost)	Mapping with Pos	Mapping with PSOs
1	A1	14R11A0404	Solar based mobile charger with voltage analyzer using Arduino	GCET	Mr.Y.Siva Ramakrishna	GCET	Application/Product	Safety and Environmen	PO1,PO2,PO7, PO9,PO10,PO11,PO12	PSO1, PSO2
2		14R11A0450								
3		14R11A0456								
4	A2	14R11A0423	Automation of dry and wet waste collection monitoring over IoT	GCET	Dr.C.V.Narasimhulu	GCET	Application/Product	Environmen/Ethics	PO1,PO2,PO3, PO5,PO6,PO8, PO11,PO12	PSO2
5		14R11A0439								
6		14R11A0415								
7	A3	14R11A0445	Design of smart helmet for workers safety in Hazardeous environment	GCET	Ms.V.Venkata Laxmi	GCET	Application/Product	Safety	PO1,PO2,PO3, PO5,PO6,PO7, PO8,PO9,PO10 ,PO11,PO12	PSO1, PSO2
8		14R11A0430								
9		14R11A0413								
10	A4	14R11A0451	Fall detection system and prevention using GPS & GSM technology	GCET	Dr.V.Sathya Srinivas	GCET	Application	Application	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO11,PO12	PSO2
11		14R11A0460								
12		14R11A0459								
13	A5	14R11A0446	Fault detector of underground cable detector using GSM	GCET	Mr.B.Ramu	GCET	Application	Environment/cost	PO1,PO2,PO3, PO5,PO6,PO11 ,PO12	PSO2
14		14R11A0452								
15		14R11A0408								
16	A6	14R11A0425	Android based smart Hospital Bed with angle and temperature display	GCET	Mr.Y.Siva Rama Krishna	GCET	Application/Research	Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO11,PO12,PO13	PSO2
17		14R11A0434								
18		14R11A0429								
19	A7	14R11A0406	Detection of explosives by cognitive radio sensor empowered mobile phone	GCET	Mr.U.Appala Raju	GCET	Product	Reasearch	PO1,PO3,PO5, PO4,PO12	PSO2
20		14R11A0427								
21		14R11A0420								

22	A8	14R11A0428	Design and implementation of safety Arm band for women and Children using ARM 7	GCET	Ms.V.Venkata Laxmi	GCET	Application	Safety	PO1,PO3,PO5, PO4,PO12	PSO2
23		14R11A0435								
24		14R11A0432								
25	A9	14R11A0454	Increasing the safety of Bomb disposal using Zigbee Technology	GCET	Mr.R.Odaiah	GCET	Application/product/Research	Safety	PO1,PO2,PO7, PO9,PO11,PO12	PSO1, PSO2
26		14R11A0443								
27		14R11A0412								
28	A10	14R11A0402	Zigbee based secured wireless data transmission and reception	GCET	Dr.C.V.Narasimhulu	GCET	Application	Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO11,PO12	PSO2
29		14R11A0424								
30		14R11A0455								
31	A11	14R11A0431	Wireless remote motor sensor starter using acknowledgement of solar energy for agriculture	GCET	Mr.Appal Raju	GCET	Application	Environment and Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO11,PO12	PSO3
32		14R11A0437								
33		14R11A0448								
34	A12	14R11A0418	Dam gate level monitoring for water level resource analysis and Dam gate control over IoT	GCET	Ms.L.Kavya	GCET	Application	Safety	PO1, PO2, PO3, PO4,PO5,PO7, PO9,PO10	PSO3
35		14R11A0433								
36	A13	14R11A0409	IoT based Automatic Street light control and fault detection Reporting system for municipal department	GCET	Ms.S.Jyothirmaye	GCET	Application	Environment and cost	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11,PO12	PSO3
37		14R11A0414								
38		14R11A0457								
39	A14	14R11A0410	IoT Enabled smart refrigerator	GCET	Mr.RVNR Suneel Krishna	GCET	Application	Environment	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11	PSO1, PSO2
40		14R11A0440								
41		14R11A0458								
42	A15	15R15A0403	A design of wireless control system for service ROBOTS	GCET	Mr.U.Appala Raju	GCET	Application	cost	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11, PO12	PSO2
43		14R11A0411								
44		14R11A0453								
45	A16	14R11A0419	A design of Electronic voting machine using Raspberry pi and image processing	GCET	Mr.R.Odaiah	GCET	Application	Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11	PSO1, PSO2
46		14R11A0401								
47		15R15A0404								

48	A17	14R11A0421	Real Time vehicle Tracking system using GSM and GPS modem	GCET	Dr.V.Sathya Srinivas	GCET	Application	Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11,PO12	PSO2
49		14R11A0403								
50		14R11A0417								
51	A18	14R11A0416	Movable road divider for organized vehicular traffic control	GCET	Ms.S.Jyothirmaye	GCET	Application	Safety and cost	PO1,PO2,PO3, PO5,PO6,PO8, PO10 ,PO11,PO12	PSO2
52		14R11A0422								
53		14R11A0407								
54	A19	14R11A0425	Generating power through wheels and solar with smart lighting system	GCET	Ms.J.Bharathi	GCET	Application/ Research	environment and cost	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO 11,PO12	PSO2
55		14R11A0405								
56		15R15A0407								
57	A20	14R11A0438	Safety and security vehicle based parking system using GSM	GCET	Dr.V.Vineel Kumar	GCET	Application	Safety	PO1,PO2,PO3, PO5,PO6,PO8, PO10,PO11 ,PO12,	PSO2
58		14R11A0441								
59		15R15A0406								
60	A21	14R11A0447	Smart agriculture system	GCET	Dr.V.Vineel Kumar	GCET	Application	Environment	PO1,PO2, PO3,PO5,PO6, PO8,PO10,PO1 1,PO12	PSO2
61		14R11A0449								
62		15R15A0405								
63	A22	14R11A0442	Implementation of voice , gesture and touch screen based moving wheel chair	GCET	Mr.A.Shanker	GCET	Application/ Research	cost	PO1,PO2,PO3, PO5,PO6,PO8, PO10, PO11,PO12	PSO1, PSO2
		15R15A0401								
64		15R15A0402								

IV ECE _MAJOR PROJECTS _B_SECTION _A.Y.2017-18

Type: application, product, research, review etc.) Factors: environment, safety, ethics, cost etc.

B. No	Roll No	Name of the student	Title of the Project	Place of work	Internal Guide	Project Type	Factors considered	Mapping with Pos and PSOs	
								POs	PSOs
B1	475 4B5	C V PRASHANTH V PAVAN KUMAR	Algorithm Design of Fuel Flow Controller of Ramjet Air-Breathing System for Air-to-Air Missile Applications	DRDL	Ms. G.Sreelaxmi	Research	Security	1,2,3,4, 5,6,9,10 ,11,12	1,2
B2	474 462 465	CH MADHAV REDDY MADHU VIVEKA B DIVYA	Auto Metro Train to Shuttle Between Stations	GCET	Ms. M.Laxmi	Product	Cost	1,2,3,5, 6,9,10,1 1,12	1,2
B3	4B4 466 471	V HARI KRISHNA B MANOHAR C SUSHMA SIREESHA	Real Time Vehicle Monitoring & Tracking System Based on Arduino board	GCET/?	Ms. M.Laxmi	Application	Ethics, safety	1,2,3, ,5,6,8,9, 10,11,1 2	1,2
B4	4A8 468 473	R ROJA B DIVYA SUDHA RANI C AKHIL CHAND	Intelligent Safety for women	GCET/?	Ms. B.Mamatha	Application	Safety	1,2,3,5, 6,9,10,1 1,12	1,2
B5	469 480	B BHAVYA E SAI UDAYA SRI	Eurcidice-IOT Applied to Logistics Using the Intelligent Cargo	GCET	Ms. B.Sreelatha	Application	Cost	1,2,3,5, 6,7,9,10 ,11,12	1,2
B6	478 472 4B3	D KEERTHI C SHIVA KUMAR T SAI BHUVAN	Design of Low power and High speed radix2 Butterfly Structure using multipliers and Adders	GCET	Mr. B Jugal Kishore	Research	cost	1,2,3,5, ,9,10,11 ,12	1,2

B7	496 482 483	N MOUNIKA G SHRUTHI G SAMEERA	Battery Management System	GCET/?	Mr. K. Victor	Product	Cost, Environment	1,2,3,5,7,9,10,11,12	1,2
B8	486 484 485	K S VINEETH KUMAR K NAGA REKHA K VARSHA	portable camera based Assistive Text and product label Reading from hand held objects for blind persons	PANTEC H	Mr. K. Victor	Application	Cost, society	1,2,3,5,6,9,10,11,12	1,2
B9	479 487 488	E NAGA SIREESHAM SAI NISHMA M SOMA SEKHAR	Face Recognition Authentication System for Door Automation using Raspberry Pi	PANTEC H	Ms. A.Sowjanya	Product	Cost, Security	1,2,3,5,6,9,10,11,12	1,2
B10	413 494 489	M BALA KRISHNA M KOUSHIKA M NAGA LASYA PRIYA	Prepaid Electricity Billing Meter	ARUNOD AYA	Ms. S.Yagnasree	Product	Cost	1,2,3,5,8,9,10,11,12	1,2
B11	4A3 495 490	P VANDANA M RAMBABU M VENKATESH	e-Restaurant management system	GCET	Mr. G.Venkat Rao	Application	Cost	1,2,3,5,9,10,11,12	1,2
B12	467 498 492	B MAMATHA N VENKATA VAMSHI MD. VASEEM AKRAM	RFID Based Shopping Trolley	GCET/?	Mr. M.Anand	Product	Cost	1,2,3,5,9,10,11,12	1,2
B13	4A0 499	O HARSHINI N NIKHIL KUMAR	Bomb Diffusing Robot Based on Mobile Jamming	GCET	Ms. M. Laxmi	Application	Safety	1,2,3,5,9,10,11,12	1,2
B14	491 4A7 4A4	M KALEEL R PRANAY KUMAR P MANOGNA	Design and development of an integrated semi autonomous Fire fighting Robot	GCET	Ms. ARL.Padmaja	Product	Safety	1,2,3,5,9,10,11,12	1,2

B15	477 4B0 4A6	D VAMSI S SHARAD KUMAR R NAV SHETHA	Remote surveillance system for driver drowsiness in real time using low cost embedded platform	GCET	Ms. ARL.Padmaja	Product	Safety, cost	1,2,3,5, 6,9,10,1 1,12	1,2
B16	493 408 4A9	M DIVYA E NIKHITHA RUDRA VAMSHI	Smart Ration Distribution (FPD) using RF ID and biometric for avoiding malpractices	GCET	Mr. Ch.Sandeep	Application	Society, Ethics	1,2,3,5, 6,8,9,10 ,11,12	1,2
B17	4A5 411 464	P S VARDHAN REDDY PADMA ARUNRAJ A SNIGHDHA	Raspberry-pi Based Web-server For Home Appliances Control and Digital Library	GCET	Prof. K.Somasekhar a Rao	Application	Cost, safety	1,2,3,5, 6,9,10,1 1,12	1,2
B18	476 470 4B6	D NAGA SUMANVITHA CH SAI BHARGAVI Y SAI VISWANATH	Water Quality Monitoring & Notification System Using Arduino	GCET/?	Prof. K.Somasekhar a Rao	Application	Environme nt	1,2,3,5, 6,7,9,10 ,11,12	1,2
B19	4A1 415 409	P NIHARIKA A SIVA SAI P JAYA CHANDRA	Pre-eminent Voting system	GCET	Ms. B.Sreelatha	Product	Cost, Ethics	1,2,3,5, 6,8,9,10 ,11,12	1,2
B20	416 410	V VANITHA G BHARGAVA	RF id Based Fare Collection Smart Card For Metro Rail Journey	GCET	Ms. B.Suneetha	Application	Cost	1,2,3,5, 9,10,11, 12	1,2
B21	4A2 447 412	P ABHIGNA SINGIREDDY VEENITH J NAVEEN	Design and verification of AMBA Protocol	GCET	Mr. G.Venkat Rao	Research	Cost	1,2,3,5, 9,10,11, 12	1,2
B22	414 4B2 417	A MAHENDER T SARWANI C NAGESH	GSM based garbage and wastage collection bins overflow indicator in smart cities.	GCET	Mr. Ch.Suresh Kumar	Application	Environme nt, Society	1,2,3,5, 6,7,9,10 ,11,12	1,2

IV ECE _MAJOR PROJECTS _C_SECTION _A.Y.2017-18

Section :C

Project Type: Application/ Product/ Research/ Review

Factors Considered: Environment/ Safety/ Ethics/ Cost

Batch No	Roll No	Name of the student	Guide	Title	Place of Work	Project Type:	Factors Considered	Mapping with POs	Mapping with PSOs
C1	14R11A04B9	A. REETHIKA	Prof.OVPR Siva Kumar	Drone (unmanned aerial vehicle, UAV) with camera using Arduino Board	GCET	Product	Safety	1,2,3,5,10, 9,11	1,2
	14R11A04D2	D. MANIKANTA							
C2	14R11A04C7	B.SHASHI REKHA	Ms. Y.Naga Laxmi	Accident Detection and Reporting System using GPS and GSM Module	GCET	Application	Safety	1,2,3,5, 6, 10, 9,11	1,2
	14R11A04C8	CH. RENUKA							
	14R11A04E7	K. SAI KUMAR							
C3	14R11A04C9	CHAGNATI MOUNICA	Ch.Sandeep	Driver Drowsiness alert and automatic vehicle control system	GCET	Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	15R15A0419	N MOUNIKA REDDY							
	14R11A04F5	M.PRADHYUMNA							
C4	14R11A04E0	K RAMYA PRATHIMA	Ms.G.Sreelax mi	Automatic Detection of squats in Railway tracks	GCET	Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	14R11A04C5	HARIKA DEVI							
C5	14R11A04D9	K SASIDHAR	Ms.B.Mamatha	IoT Based Live Streaming	DLRL	Application	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04F3	MD. EESA SOHAIL							
C6	14R11A04G2	PVS PAVAN	Prof.OVPR Siva Kumar	Design and Analysis of 16 bit RISC Processor	GCET	Research	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04F2	MITHIN VARGHESE							
	14R11A04H2	T MADHULIKA REDDY							
C7	14R11A04F0	M SRAVANTHI	Mr.M.Chattar Singh	Detection of Hazardous gases	GCET	Application	Safety	1,2,3,5, 6,,10, 9,11	1,2
	14R11A04F6	N DURGA RAJ							
	14R11A04D8	K ANUSHA							
C8	14R11A04E9	M MRIDULA GAYATRI	Mr.A.Shanke r	Real Time face detection	GCET	Application	Safety	1,2,3,5,10, 9,11	

	14R11A04G9	T VAMSHI TEJA							1,2
	14R11A04H0	T SHRAVAN							
C9	14R11A04G5	SAMEENA	Mr.D.Venkat a Rami Reddy	Touch Screen and Zigbee based wireless communication Assistant	GCET	Application	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04H6	VENKAT SAI							
	15R15A0421	R. SIRISHA							
C10	14R11A04G3	R SAILESH	Ms.M.Sowja nya	Driverless Shuttling Train	GCET	Application	Safety	1,2,3,5,10, 9,11	1,2
	14R11A04G8	T VIVEK REDDY							
	14R11A04H3	U SAI MANASWINI							
C11	14R11A04D1	D LAVANYA	Mr.Naresh Kumar	Autonomous Fire Fighting Robot	GCET	Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	14R11A04F4	M HARSHA VARDHAN							
	14R11A04F7	N SAKETH							
C12	14R11A04C2	B MEGHANA	Mr.D.Venkat a Rami Reddy	Smart Shopping Cart using RFID	GCET	Application	Cost		1,2
	14R11A04D6	G VINEETHA							
	15R15A0423	P PREM RAJ REDDY							
C13	14R11A04G6	S SAI CHANDU	Ms.A.Sowjan ya	Arduino based Water Quality monitoring and notification system	GCET	Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	14R11A04D0	C LOKESH GOUD							
	14R11A04E1	K S SHANKER REDDY							
C14	14R11A04G4	S POOJA	Mr.S.Vasu Krishna	Design of Low power and High speed comparator using MUX based full adder cell for mobile communications	GCET	Research	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04D4	D MANOJ							
	14R11A04G7	S NAMRATHA							
C15	14R11A04H5	V PRAVALLIKA	Ms.V.Indu Priya	AC Motor speed control using power triac with display unit	Arunod aya	Application	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04H7	V SAI KEERTHI							
	4R11A04H8	WILSON DAVIES							
C16	14R11A04H4	V KEERTHI MALINI	Mr.M.Krishn a Chaitanya	Metal Detector Robotic vehicle using microcontroller		Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	14R11A04C1	A ASHWINI							
	15R15A0422	M RAMESH NAIK							

C17	14R11A04C3	B TEJASRI REDDY	Mr.S.Vasu Krishna	Dual Quality 4:2 compressors for utilizing in dynamic accuracy configurable multipliers	GCET	Research	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04C4	BHARATH SAKETH							
C18	14R11A04G1	P SRUTHI	Ms.Savithri Padma Priya	Health monitoring and controlling system	GCET	Application	Safety	1,2,3,5,6,10 , 9,11	1,2
	15R15A0418	K RAJESH							
	14R11A04D3	DV NAGA SAISH							
C19	14R11A04C0	A LEKYA	Mr.P.Sudhak ar	Design of air pollution monitoring system using Zigbee for automobiles and exhaust gases	GCET	Product	Environmen t	1,2,3,5,6,10 , 9,11	1,2
	14R11A04E8	M AJAY KRISHNA							
C20	14R11A04E3	K AISHWARYA	Ms. TN Swetha	Android controlled Robot	GCET	Product	Cost	1,2,3,5,10, 9,11	1,2
	14R11A04E2	K DHENU SRI							
	14R11A04E6	K PRASHANTH							
C21	14R11A04F1	M PALLAVI	Mr. B. Ramu	Designing of dual axis solar tracking system	GCET	Product	Environmen t	1,2,3,5,6,10 , 9,11	1,2
	14R11A04C6	B ROJA							
	14R11A04G0	PM SHASHANK							
C22	13R11A04G3	G MANIDEEP	Mr.P.Sudhak ar	Voice command-based home automation with intensity control	GCET	Application	Cost	1,2,3,5,10, 9,11	1,2
	13R11A0409	BONAGIRI VEERESH							
	14R15A0408	RAMAVATH LALU							

IV B.Tech(ECE) SECTION- D

Batch No.	Roll No	Name Of The Student	Title	Organization	Category	Internal Guide	POs	PSOs
D1	4J5	B Sai Apoorva	Automatic Movable Solar Lamp Post	GCET	Automation	Prof.K.Somashekar Rao	1,2	1,2,3,4,5,6,9,10,11,12
	4H9	A Shirisha						
	4J7	Ch.Lakshmi						
D2	4J3	A Shiva Sai	A Wireless Surveillance And Safety System For Mine Workers Based On Zigbee	GCET	Safety	Dr.S.Suryanarayana	1,2	1,2,3,4,5,6,9,10,11,12
	4J0	Abhijeet Kumar						
	436	P.Prashanth Sagar						
D3	4N4	T L Sarada Ramya K	Fabrication Of Microstrip Antenna For Missile Applications	ASL-DRDO	Product	Ms.Krishna Priya	1,2	1,2,3,4,5,6,9,10,11,12
	4N3	Smitha Kumari P						
D4	4K6	J Ravali	Automatic Detection Of Squats In Railway Track	GCET	Automation	Dr. S. Suryanarayana	1,2	1,2,3,4,5,6,9,10,11,12
	4L2	K Phani Rishitha						
	4N5	T Vinay Kumar						
D5	4J2	A Sai Vijay Lakshmi	Jail Security System	GCET	Application	S.Krishna Priya	1,2	1,2,3,4,5,6,9,10,11,12
	4L4	M Raghavendra						
	4P2	Y S Sai Aditya						
D6	4M0	N Lakshmi Manjusha	Real Time GSM Technology For Acquiring Bus Information	College	Application	M.Sowjanya	1,2	1,2,3,4,5,6,9,10,11,12
	4L5	Md. Hameed						
	4M9	S Bharath Sagar						
D7	4P6	Y Sai Ramya Reddy	Wireless ATM Security With GSM And MEMS Using ARM7	GCET	Security	S.Shravani	1,2	1,2,3,4,5,6,9,10,11,12
	4P0	V Sai Teja						
	430	Ch Pooja						
D8	4N1	S Manvitha Reddy	Unmanned Warfare Vehicle	GCET	Automation	Mr.Ch.Sandeep	1,2	1,2,3,4,5,6,9,10,11,12
	4L1	K Shashank						
	401	G Sreeharsha Reddy						
D9	4N2	Shamala Meghana	Display Board	GCET	Product	A.Subramanyam	1,2	1,2,3,4,5,6,9,10,11,12
	4L7	M Ganesh Reddy						
	426	J Sai Krishna						
D10	4P3	Y Ashika	Voice Guider And Medicine Remainder For Old Age	GCET	Product (Supporting System for Disabled)	Mr.Krishna Chaitanya /	1,2	1,2,3,4,5,6,9,10,11,12
	4L3	M Nikhil K Reddy						

	4M7	R Chandrasena	People			Mr.G.Venkat Rao		
D11	4P1	Viswanatham Anusha	A Child Left Behind Warning System Based On Capacitive Sensing Principle	GCET	Safety	S.Shravani	1,2	1,2,3,4,5,6,9,10,11,12
	4L9	N Manohar						
	429	Arroju Akhil						
D12	4M1	N Surya Priyanka	Design And Development Of SMS Based Car Engine Control System To Prevent Car Theft Using GSM Modem	GCET	Security	G.Venkatrao	1,2	1,2,3,4,5,6,9,10,11,12
	4K2	G Sriketh						
	4J8	Ch.Santosh Kumar						
D13	4P5	Y Sai Tejasri	Configurable Zigbee Based Control System For People With Multiple Disabilities In Smart Homes	GCET	Application(Supporting System for Disabled)	Y.Nagalakshmi	1,2	1,2,3,4,5,6,9,10,11,12
	4L8	M Varun						
	4N8	V Mounika						
D14	4P4	Y Mahima	Artificial Vision Systems For The Blind Using Ultrasonic Wave	GCET	Product (Supporting System for Disabled)	Prof. Ovpr Siva Kumar	1,2	1,2,3,4,5,6,9,10,11,12
	4K5	G Prathyusha Reddy						
	428	K Praveen						
D15	4M3	P Sushmitha	Sending SMS From A No Signal Area	GCET	Application	M.Uma Rani	1,2	1,2,3,4,5,6,9,10,11,12
	4J4	Anu Prasad						
	4K9	K Avinash						
D16	4K1	D Anusha	Collision And Short Circuit Alert Information In Vehicles Using ARM, GPS And GSM	GCET	Safety	M.Krishna	1,2	1,2,3,4,5,6,9,10,11,12
	4L0	K Pradeep Goud						
	4M6	A Pranav Raju						
D17	4J1	A Pranav Reddy	Auto Gate Open For Authorized Persons Designed With Finger Print Scanner And Keyboard	GCET	Security	Mr.Ch.Sandeep	1,2	1,2,3,4,5,6,9,10,11,12
	4K4	G Sravan Kumar						
	4N7	T Sai Nath Reddy						
D18	4M4	P Shamili	Design And Implementation Of Geographic Pollution Monitoring System	GCET	Safety(Monitoring)	Mr.Krishna Chaitanya / Mr.R.Odaiah	1,2	1,2,3,4,5,6,9,10,11,12
	4K0	D Sai Chaitanya						
	4M5	P J Sai Nishanth						
D19	4N9	V Prashanthi	Smart Helmet For Accident, Alcohol, Speed Detection And	GCET	Product	Mr.Ch.Sandeep	1,2	1,2,3,4,5,6,9,10,11,12
	4M8	R Bhavani						

	427	Sathender K Yadav	Automatic Call Reception Using GSM GPS And					
D20	4N6	T Omkar	Exploration Vehicle Position Monitoring Cum Control Through GPS And GSM Modules	GCET	Product	M.Uma Rani	1,2	1,2,3,4,5,6,9,10, 11,12
	4K3	G Tejasree						
	4N0	S V N Surya Tejaswini						
D21	4J9	D Sahithi	Wireless ID Cards For Student Attendance With Information To The Parents Through GSM Technology	GCET	Automation	B.Jugal Kishore	1,2	1,2,3,4,5,6,9,10, 11,12
	4K8	Kandula Mani						
	4J6	B S K Sai Kireeti						

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