



BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE(A)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Accredited by N B A & NAAC with "A" Grade)

Indupalli Post, Batlapalem, Amalapuram – 533 201, Dr. Ambedkar Konaseema Dist AP

Ph: (08856) – 235416. Fax: (08856) – 235489

EEE NEWS LETTER- "SPARK"

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EDITOR:

Prof. A. N. V. J. Raja Gopal

Head of EEE Dept.

ADVISORS:

Dr. Muthuvel Balasubramanian

Mr. S.S.C. Prakash Rao

STUDENT COORDINATORS:

L. LOKESH

(IV EEE- 21H41A0231)

R.V.S.SAI HARSHA

(IV EEE- 21H41A0248)

FROM THE DESK OF THE HOD



It's immense pleasure to present this Half yearly newsletter "SPARK" Electrical and Electronics Engineering department is the dynamic and vibrant department with the blend of young and experienced Faculty. Department is actively involved in academic as well as research work in current areas of Electrical Engineering and multi- disciplinary streams. The department has well equipped labs with the state of art software and hardware. The faculty members are constantly publishing technical papers in national and international journals and conferences. The department is fortunate to have dedicated teachers, devoted students, and committed supporting staff and expert technical staff. Specially, I congratulate my students to participate various extra- curricular activities, research work and competitive exams. My best wishes to all for their bright carrier and successful life.

Prof. A. N. V. J. Raja Gopal

Head of EEE Dept.

hodeee.bvts@bvcgroup.in

Indupalli Post, Batlapalem, Amalapuram – 533 201, Dr.Ambedkar Konaseema.Dist., A.P.
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The Vision of the EEE Department:

To become a centre of excellence in electrical and electronics engineering education, research and technology development to handle challenges of the nation, with innovation and critical thinking.

The Mission of the EEE Department:

DM₁ : Empower stakeholders with state of the art knowledge and technological skills DM₂ : Promote industry institute interaction through practical problem solving.

DM₃ : To impart trainings for overall development.

DM₄ : To develop the ability to function in multi-disciplinary teams with emphasis on creativity and passion for the betterment of mankind.

STAFF LIST

S.No.	Name of the Faculty Member	Designation
1.	Dr. J.V.G. Rama Rao	Professor
2.	ANDE NAGA VENKATAJYOTHI RAJAGOPAL	Professor & HOD
3.	Dr. MUTHUVEL BALASUBRAMANIAN	Professor
4.	SURYACHANDRAPRAKASH RAO SANABOINA	Associate Professor
5.	VAMSI RAMILLA	Assistant Professor
6.	MUTYALA ADILAKSHMI DEVI	Assistant Professor
7.	SIVA PRASAD PONNAGANTI	Assistant Professor



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8.	PANJA BHOGIRAJU	Assistant Professor
9..	CHALADI SIVA GANGABHAVANI	Assistant Professor
10.	KONA DURGA DEVI	Assistant Professor
11.	VAVILALA VENKATESH	Assistant Professor
12.	AMALODBHAVI SANABOINA	Assistant Professor
13.	DAIVAPRASAD ANNAMNEEDI	Assistant Professor
14.	DUNABOINA VENKATA LOKESH	Assistant Professor
VISITING FACULTY		
1.	DR. K. BAPAYYA NAIDU	Aditya University, Surampalem.
2.	MR.SAI GANESH	Technicolor India company, Bangalore.
3.	MR.SAI DINESH KANCHARANA	IIT, Madras

PAPER PUBLICATIONS

1. **Dr.Jonnakuti V. G. Rama Rao** “Efficient Power Conversion With Four Switch Soft-Switching Boost Integrated Half-Bridge Dual-Output Series Resonant Converter” Journal of Engineering and Applied Science (Springer Open Access), ISSN : 1819-6608 Issue 7 & Vol.20 August 2024.
2. **Dr.B.Muthuvel** “An extensive qualitative and quantitative multi criteria analysis for a hybrid renewable energy system applied to tribal zone – based primary health centres, and maximizing the societal parameters” Environmental Research Communications. 095014, ISSN 2515-7620, Issue 9 & Vol.6 18thSeptember 2024.
3. **Surya C. P. R. Sanaboina** “Electricity Generation from Dry Waste Materials with Automatic Solar Tracking System ” Nanotechnology Perceptions,ISSN 1660-6795, P.NO 2536-2549, Issue 7 & Vol.20 December 2024.
4. **Dr.B.Muthuvel** “Electricity Generation from Dry Waste Materials with Automatic Solar Tracking System ” Nanotechnology Perceptions,ISSN 1660-6795, P.NO 2536-2549, Issue 7 & Vol.20 December 2024.
5. **Chaladi S. Gangabhavani** “Electricity Generation from Dry Waste Materials with Automatic Solar Tracking System ” Nanotechnology Perceptions,ISSN 1660-6795, P.NO 2536-2549, Issue 7 & Vol.20 December 2024.
6. **P.Siva Prasad** “Electricity Generation from Dry Waste Materials with Automatic Solar Tracking System ” Nanotechnology Perceptions,ISSN 1660-6795, P.NO 2536-2549, Issue 7 & Vol.20 December 2024.
7. **AMALODBHAVI SANABOINA** “Electricity Generation from Dry Waste Materials with Automatic Solar Tracking System ” Nanotechnology Perceptions,ISSN 1660-6795, P.NO 2536-2549, Issue 7 & Vol.20 December 2024.



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PATENT DETAILS

1. DR.B.MUTHUVEL “ELECTRICAL PLUG” Application No: 420677-001, Month and Year of Publication: 20.06.2024.
2. CH.S.GANGA BHAVANI “ELECTRICAL PLUG” Application No: 420677-001, Month and Year of Publication: 20.06.2024.
3. Surya C. P. R. Sanaboina “ELECTRICAL PLUG” Application No: 420677-001, Month and Year of Publication: 20.06.2024.
4. P.Siva Prasad “ELECTRICAL PLUG” Application No: 420677-001, Month and Year of Publication: 20.06.2024.

BOOKS PUBLICATIONS

1. Ande N V J Raja Gopal “LINEAR INTEGRATED CIRCUITS” ISBN Number: 978-81-980461-4-7, GCS Publishers, December 2024.
2. DR.B.MUTHUVEL “LINEAR INTEGRATED CIRCUITS” ISBN Number: 978-81-980461-4-7, GCS Publishers, December 2024.
3. DR.B.MUTHUVEL “POWER ELECTRONICS PRINCIPLES AND APPLICATIONS” ISBN Number: 978-81-96767-1-2, GCS Publishers, November 2023.
4. CH.S.GANGA BHAVANI “POWER SYSTEM OPERATION & CONTROL” ISBN Number: 978-81-980461-0-9, GCS Publishers, November 2024.
5. Surya C. P. R. Sanaboina “POWER SYSTEM OPERATION & CONTROL” ISBN Number: 978-81-980461-0-9, GCS Publishers, November 2024.

GUEST LECTURES & WEBINARS:

Guest lecturers and webinars have innumerable benefits and can help students learn from a different perspective and more effectively. Especially in management studies,

Students need to taste the experiences of the corporate world. One professor cannot provide knowledge and guidance about everything in the business world, and industry professionals' varied perspectives give insights to students.



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Industry Expert Talk On

Development tools in AIOPS
by **Mr. S. K. Ravi Shankar**

Senior Consultant, Infosys Hyderabad

31-08-2024



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Autonomous - Amalapuram



ANDHRA PRADESH SKILL DEVELOPMENT CORPORATION

(Department Of Employment And Training, Govt. Andhra Pradesh)



**ENGINEERING & IT SKILLS
TRAINING PROGRAMS**

Program Name:

PCB DESIGN

Resource Person: **Santhosh Chevvakula,**
Executive Technical Trainer.



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From:

23-09-2024 to 28-09-2024

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Department of EEE Industry Expert Talk On



**"Bridging the gap: classroom learning
to
corporate leadership"**

Sri. Manohar Rao BRV
QA Manager, Vcube Software Solutions, Hyderabad



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DEPARTMENT OF EEE
Accredited by NBA

3-Day Workshop on "EMBEDDED SYSTEMS"

By: **Mr.B.Mahidhar**
Technical Program Executive, Viksha Tech Solutions, Hyderabad

21st - 23rd
Oct
2024



BONAM VENKATA CHALAMAYYA
INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS - AMALAPURAM



• BVC GROUP OF INSTITUTIONS •
(An Autonomous Institutions)



A Two day Faculty Training Program on
Core - Concepts in "C"
27th & 28th, Oct - 2024

Venue: **BVC INSTITUTE OF TECHNOLOGY & SCIENCE**
AUTONOMOUS - AMALAPURAM





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Entrepreneurship Development Cell

A seminar on "Employability and Entrepreneurship"

Dr. R. Hafeez Basha

Advisor, Engineering Staff College of India (ESCI) and Ex-CEO, Osmania University Technology Business Incubator

12th
Nov
24

BVC INSTITUTE OF TECHNOLOGY & SCIENCE
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FDP/WORKSHOPS ATTENDED

S.NO	FACULTY NAME	NAME OF THE FDP	ORGANIZED BY	MODE
1.	Prof.A.N.V.J.RAJA GOPAL	Future trends in energy Management for Smart grid	LENDI INSTITUTE	OFFLINE
2.	K.DURGA DEVI	The joy of Computing using Python	NPTEL	ONLINE
3.	CH.S.GANGA BHAVANI	Economic operations and Control of power systems	NPTEL	ONLINE
4.	M.ADILAKSHMI DEVI			
5.	V.Venkatesh	Introduction to Internet of things	NPTEL	ONLINE
6.	S.S.CHANDRA PRAKASH RAO	Soft computing techniques A plied to Power systems	Vasavi college of Engineering	ONLINE
7.	S.S.CHANDRA	Design of Manufacturing &Advanced Automation for Industry 4.0	SMVEC	ONLINE



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	PRAKASH RAO			
8.	P.SIVA PRASAD	Design of Manufacturing &Advanced Automation for Industry 4.0	SMVEC	ONLINE
9.	S AMALODHBHAVI	Design of Manufacturing &Advanced Automation for Industry 4.0	SMVEC	ONLINE
10.	Dr.B.MUTHUVEL	Recent Advancements in AI&IOT-Industry Perspective	PMIST	ONLINE

FACULTY ACHIEVEMENTS

NPTEL CERTIFICATIONS

Name of the Staff	Details of the Activity	Organised by	Prizes Won
Kona Durga devi	The Joy of Computing using Python	NPTEL	QUALIFIED
M.Adi Lakshmi devi	Programming in java	NPTEL	QUALIFIED
Ch.S.G.Bhavani	Economic Operations and Control of Power Systems	NPTEL	QUALIFIED
V.Venkatesh	Introduction to Internet of things	NPTEL	QUALIFIED



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7th International Conference on Communication and Computational Technologies

organized by

National Forensic Sciences University Goa Campus, India
and

Florida International University, Miami, FL, USA

CERTIFICATE OF APPRECIATION

This is to certify that

Chaladi S Ganga Bhavani

SCPS/ICCCT2025/TPC/81

has provided valuable support and cooperation as a Program Committee
Member and Reviewer in the 7th International Conference on Communication
and Computational Technologies (ICCCT 2025) held at National Forensic Sciences
University Goa Campus, India during February 14-15, 2025.

Dr. Lokesh Chouhan
General Chair



Prof. Sandeep Kumar
General Chair

<https://scrs.in/conference/iccct2025>



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STUDENT ACHIEVEMENTS

NPTEL CERTIFICATIONS

Year & Branch	Regd. Nos of the students	Details of the Activity	Organized by	Prizes Won
III B.Tech	22H41A0215	Programming in java	NPTEL	QUALIFIED
III B.Tech	22H41A0221	Programming in java	NPTEL	QUALIFIED
III B.Tech	22H41A0228	Programming in java	NPTEL	QUALIFIED
III B.Tech	22H41A0247	Programming in java	NPTEL	QUALIFIED
III B.Tech	22H41A0249	Programming in java	NPTEL	QUALIFIED
III B.Tech	23H45A0207	Programming in java	NPTEL	QUALIFIED
III B.Tech	23H45A0211	Programming in java	NPTEL	QUALIFIED



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PLACEMENT DETAILS

S.No	ROLL NO	NAME OF THE STUDENT	COMPANY NAME	SALARY(LPA)
1	20H41A0228	Savarapu Suma	ACCENTURE	4.50 LPA
2	20H41A0207	AYTHABATTULA BHULAKSHMI	Dexeterity EdTech Pvt Ltd	3.00 LPA
3	20H41A0225	Pullella Aakanksha	Dexeterity EdTech Pvt Ltd	3.00 LPA
4	21H45A0202	DONGA VENU RAMA KIRAN	EFFTRONICS	3.20 LPA
5	21H45A0203	EATI NISCHAL SAI	EFFTRONICS	3.20 LPA
6	21H45A0204	GOGU RAJU	EFFTRONICS	3.20 LPA
7	21H45A0208	KATTA LAKSHMI VENKATA SAIKRISHNA	EFFTRONICS	3.20 LPA
8	21H45A0210	KUMPATLA VEERABABU	EFFTRONICS	3.20 LPA
9	21H45A0212	PARRAMSETTI BALA SANDEEP	EFFTRONICS	3.20 LPA
10	21H45A0213	PASALAPUDI KALKI NAGENDRA ANVESH	EFFTRONICS	3.20 LPA
11	20H41A0225	PULLELLA AAKANKSHA	Express Roadways Pvt Ltd	2.50 - 3.00 LPA
12	21H45A0221	Kanumuri Vinitha Rani	KODNEST	2.24 - 3.00 LPA
13	21H45A0222	PURAMSETTI SATYA PRIYA	KODNEST	2.24 - 3.00 LPA
14	20H41A0202	ADAPA.SWAROOPA	Logskim Solutions Private Limited	2.07 LPA
15	20H41A0206	AKULA HARSHITA	Logskim Solutions Private Limited	2.07 LPA
16	20H41A0215	GUNDUMOGULA UMA NAGA MAHESWARI	Logskim Solutions Private Limited	2.07 LPA
17	20H41A0222	Mattaparthi venkata satish	Logskim Solutions Private Limited	2.17 LPA
18	21H45A0203	eati nischal sai	Logskim Solutions Private Limited	2.17 LPA
19	21H45A0208	KATTA LAKSHMI VENKATA SAIKRISHNA	Logskim Solutions Private Limited	2.17 LPA
20	21H45A0209	KUDUPUDI BABY	Logskim Solutions Private Limited	2.17 LPA
21	21H45A0213	Pasalapudi Kalki Nagendra Anvesh	Logskim Solutions Private Limited	2.17 LPA



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22	21H45A0220	NOOLU CHINNI	MGH Infrastructures	4.00 -6.00 LPA
23	20H41A0217	Kairam Hemanth Lakshmi Naidu	MPhasis	4.00 LPA
24	20h41a0207	AYTHABATTULA BHULAKSHMI	PALLE TECHNOLOGIES	2.24 LPA
25	20h41a0216	Janga Durga Mahalakshmi	PALLE TECHNOLOGIES	2.24 LPA
26	20h41a0219	koppidi Lakshmi swathi	PALLE TECHNOLOGIES	2.24 LPA
27	21h45a0206	KANDREGULA GIRI PRASAD	PALLE TECHNOLOGIES	2.24 LPA
28	21h45a0210	Kumpatla Veerababu	PALLE TECHNOLOGIES	2.24 LPA
29	20H41A0202	ADAPA.SWAROOPA	PREMIER ENERGIES	1.74 LPA
30	20H41A0206	AKULA HARSHITA	PREMIER ENERGIES	1.74 LPA
31	20H41A0207	A. Bhulakshmi	PREMIER ENERGIES	1.74 LPA
32	20H41A0210	B.Sandhya	PREMIER ENERGIES	1.74 LPA
33	20H41A0215	G.Uma Nagameshwari	PREMIER ENERGIES	1.74 LPA
34	20H41A0216	Janga Durga Mahalakshmi	PREMIER ENERGIES	1.74 LPA
35	20H41A0219	koppidi Lakshmi swathi	PREMIER ENERGIES	1.74 LPA
36	20H41A0221	Madireddi Purna Devi	PREMIER ENERGIES	1.74 LPA
37	20H41A0222	M VENKATA SATISH	PREMIER ENERGIES	1.74 LPA
38	20H41A0223	M.Thoyajaja Sai Siva Kumari	PREMIER ENERGIES	1.74 LPA
39	21H45A0202	V.Rama	PREMIER ENERGIES	1.74 LPA
40	21H45A0208	K.Lakshmi Venkata	PREMIER ENERGIES	1.74 LPA
41	21H45A0209	KUDUPUDI BABY	PREMIER ENERGIES	1.74 LPA
42	21H45A0210	Kumpatla Veerababu	PREMIER ENERGIES	1.74 LPA
43	21H45A0212	PARRAMSETTI BALA SANDEEP	PREMIER ENERGIES	1.74 LPA
44	21H45A0213	PASALAPUDI KALKI NAGENDRA ANVESH	PREMIER ENERGIES	1.74 LPA
45	21H45A0220	NOOLU CHINNI	PREMIER ENERGIES	1.74 LPA
46	20h41a0216	Janga Durga Mahalakshmi	QSPIDERS	2.24 LPA
47	20h41a0225	PULLELLA AAKANKSHA	QSPIDERS	2.24 LPA



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48	21h45a0207	Karri Naveen Kumar	QSPIDERS	2.24 LPA
49	21h45a0219	Yerramsetti veera venkata naga vamsi	QSPIDERS	2.24 LPA
50	21h45a0221	Kanumuri vinitha rani	QSPIDERS	2.24 LPA
51	20H41A0210	BOLISETTI SANDHYA	RINEX	3.00 LPA
52	20H41A0216	Janga Durga Mahalakshmi	RINEX	3.00 LPA
53	21H45A0222	PURAMSETTI SATYA PRIYA	RINEX	3.00 LPA
54	20H41A0209	BANDARU SATYASAI	SuryaTech Solutions	2.56 LPA
55	20H41A0211	Chilla Yerrayya Reddy	SuryaTech Solutions	2.56 LPA
56	21H45A0204	Gogu Raju	SuryaTech Solutions	2.56 LPA
57	21H45A0206	KANDREGULA GIRI PRASAD	SuryaTech Solutions	2.56 LPA
58	21H45A0208	KATTA LAKSHMI VENKATA SAIKRISHNA	SuryaTech Solutions	2.56 LPA
59	21H45A0212	PARRAMSETTI BALA SANDEEP	SuryaTech Solutions	2.56 LPA
60	21h45a0214	PEDDINTI JAYA KRISHNA	SuryaTech Solutions	2.56 LPA
61	21h45a0215	Pichika Murali nagendra kumar	SuryaTech Solutions	2.56 LPA

SUMMARY OF EVENTS

S. No.	Event	Total
1.	GUEST LECTURE	02
2.	CERTIFICATIONS	11
3.	FDP	02
4.	WORKSHOPS	03
Total No of Events		18