Faculty Incharge:
Mrs. D. Hareesha

Inside:

1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized

2. Workshops/Seminars/Conference/ Faculty Development Programs attended by the faculty

3. Papers presented in Seminars/ Conferences/Symposiums by the faculty

4. Publications by the faculty
5. Faculty Achievements
6. Faculty Participation
7. Industrial Visits
8. Students selected for GATE/IELTS/GRE/ TOEFL and other Competitive Examinations
9. Students' achievements

Quotation:

"Take Risks in Your Life"
If you win, You can Lead
If you Loose, You can Guide
*   - Swami Vivekananda*

1. **WORKSHOPS/SEMINARS/GUEST LECTURES/ TRAINING PROGRAMS/SYMPOSIUMS ORGANIZED:**

i. A State level Technical event **Electrobitz** was organized on 5th January, 2019 under ISF in association with Institution Innovation Council of PVPSIT & IETE Vijayawada Local Centre. The following events organized:

1. Ideathon
2. Fundabytes
3. Cryptoknights
4. Adoptrix

All the department staff members involved to conduct the events.

Winners list:

Sl. No.	Name of the Event	Year	Dept.	College
1.	**Adaptrix**			
	I Prize Winners			
	1. Mary Namratha	III B.Tech.	CSE	DIET
	2.B. Tejaswini	III B.Tech.	ECE	VRSEC
	3.P. Venkat	III B.Tech.	ECE	PVPSIT
	II Prize Winners			
	1.P. SathvikBhargav	II B.Tech.	ECE	PVPSIT
	2. M. Sravya	III B.Tech.	ECE	NRIIT
	3.T. MadhuSravanthi	III B.Tech.	ECE	VRSEC
	III Prize Winners			
	1.B. Jaya Sree	I B.Tech.	EEE	PVPSIT
	2.N. Himaja Sai	III B.Tech.	ECE	VRSEC
	3.D. ViswaDatta	III B.Tech	ECE	PVPSIT
2.	**Cryptoknights**			
	I Prize Winners			
	1. M. Sravya	III B.Tech.	CSE	NRI
	2. G. Hanitha Devi	III B.Tech.	ECE	PVPSIT
	3. M. Sohit	I B.Tech	ECE	PVPSIT
	II Prize Winners			
	1. J VijayaSree	II B.Tech.	ECE	PVPSIT
	2. Nazeer	III B.Tech.	ECE	VRSEC
	3. K. Jaswanth	I B.Tech	ECE	PVPSIT
	III Prize Winners			
	1. G. Kundana	III B.Tech.	CSE	VRSEC
	2. K.Viharika	III B.Tech.	ECE	PVPSIT
	3. D. ViswaDatta	III B.Tech	ECE	PVPSIT
3.	**Ideathon**			
	I Prize Winners			
	1. S.Rahul	III B.Tech.	ECE	NRIT
	II Prize Winners			
	1. K. Prasanth	III B.Tech.	ECE	PVPSIT

	III Prize Winners			
	1. Mr. V. Vinay	III B.Tech.	ECE	LBRCE
	2. M. Fayaz	III B.Tech.	ECE	LBRCE
	3.Md. Ahmed	III B.Tech.	ECE	LBRCE
4.	**Fundabyte**			
	I Prize Winners			
	1. Y. Bindu Priyanka	III B.Tech.	EEE	VRSEC
	2. Ch. Nikitha	III B.Tech.	ECE	PVPSIT
	3. M. Sanjana	I B.Tech.	IT	PVPSIT
	II Prize Winners			
	1. G. Kundana	III B.Tech.	CSE	VRSEC
	2. P. Venkat	II B.Tech.	ECE	PVPSIT
	3. M. Sohit	I B.Tech.	ECE	PVPSIT
	III Prize Winners			
	1. H. Harika	II B.Tech.	ECE	PVPSIT
	2. P.V.Srinivas	I B.Tech.	ECE	PVPSIT
	3. M.A.S.N. Durgadevi	III B.Tech	ECE	VRSEC

ii.   A 4 day Technical Training program was conducted on **Latest Telecom Technologies** for III B.Tech ECE students by BSNL during 22nd – 25th January, 2019.

Staff Coordinators:

1. **Mr. Md. Habibulla,** Sr. Assistant Professor
2. **Mrs. K.ArunaKumari,** Sr. Assistant Professor
3. **Mr. P. Venu Madhav,** Assistant Professor
4. **Mrs. T. Maha Lakshmi,** Assistant Professor
5. **Mr. P. Koteswara Rao,** Lab Technician
6**. Mrs. D. HimaBindu,** Lab Technician
7. **Mr. V. Bharath,** Lab Technician

iii.   **IEEE student branch** was inaugurated on 25thJanuary, 2019 by **Dr.M. Lakshmi Narayana,** Past Chair, IEEE Vizag Bay sub section, **Sri P.V.S.Maruti Rao,** Chair IEEE Hyderabad section and delivered a talk on

"STEM – Projects: A professional Carrier Passport"

by Dr. S. Lakshmi Narayana

"Edge Computing and Sensor Eco system of IOT nodes"

by Sri PVS Maruthi Rao

"Antennas for Software Defined Radio & Cognitive Radio"

by Dr. M. Lakshmi Narayana

iv. A 3 day training program was conducted on **NI LabVIEW Core-1** for selected III B.Tech students of ECE, EEE &ME from 31st January, 2019 to 2nd February, 2019.

Resource Person:bMr. Jeejeshkumar, Sr Application Engineer, VI Solutions.

Program Co-ordinator:bDr. A. Geetha Devi, Associate Professor

v. A 3 day workshop was conducted on **IOT using RASPBERRY PI BOARDS** for III B.Tech ECE students in association with APSSDC, 31st January, 2019 to 2nd February, 2019.

Program Co-ordinator: Mr.Md.Habibulla, Sr. Assistant Professor

Technical Support: Mr. G. Rambabu, Embedded Engineer

vi.   A Two day workshop was conducted on **VLSI Frontend and Backend EDA Tools** for III B.Tech ECE students and faculty members on 1st & 2nd February, 2019.

Resource Person:Mr. K. Pradeep Kumar, APLY VOLT Limited,

Vijayawada/Hyderabad.

vii.   An expert lecture was delivered on **IEEE Membership Benefits and Building Search Engine** for II B.Tech ECE students & staff on 8th March, 2019.

Resource Person: Dr. S. Lakshmi Narayana, Past Chair,

IEEE Vizag Bay Sub Station

viii. One day workshop was conducted on **Software Defined Radio** for M.Tech. students & Staff on 8th March, 2019.

Resource Person: Mr.Mani Maran, NI Solutions, Bangalore.

ix.   Poster Presentation was organized for IV B.Tech. ECE students on 11th March, 2019 under IETE Students' Forum and Prizes were distributed to the winners.

Judge:Mr. T.Vara Prasad, IES, Ministry of Communications

x. An expert talk was delivered on **Automotive Passive Safety Systems** for III B.Tech ECE, EEE, ME students on 16th March, 2019.

> **Resource Person: Mr.T.Ravi Kumar**,
>
> Head, Occupant & Safety Systems, ZF India Pvt. Ltd., Hyderabad.

Summer Training Programs

i. A summer training progrmme was conducted on **Introduction to Programming the Internet of Things (IOT)** organized by Dept. of ECE, PVPSIT in association with by APSSDC & "**COURSE-ERA**" (University of California, IRVINE) from 24th April – 23rd May, 2019.There are 5 courses and a Capstone Project in this Specialization.

1) Introduction to the Internet of Things and Embedded Systems
2) The Arduino Platform and C Programming
3) Interfacing with the Arduino
4) The Raspberry Pi Platform and Python Programming for the Raspberry Pi
5) Interfacing with the Raspberry Pi
6) Programming for the Internet of Things Project

Program Co-ordinator :   **Mr. Habibulla,** Sr. Assistant Professor

Technical Support: **Mr. G. Rambabu**, Embedded Engineer

Faculty attended:	**Mr. J. Ravindra Babu,** Associate Professor
	Mrs. D. Hareesha, Assistant Professor
	Mrs. B.V. Subbayamma, Assistant Professor
	Mrs. L. Madhavi Devi, Assistant Professor
Resource Persons:	**Ms. P. Prabhu Kumari,** Trainer, APSSDC
	Ms. M. Madhavi, Trainer, APSSDC
	Ms. M. Gokula Sukanya, Trainer, APSSDC
	Ms. A. Tejaswini, Trainer, APSSDC

ii. One week Training program was conducted on **Engineering solutions using graphical programming – LabVIEW** for the students of ECE, EEE & ME departments from 25th April – 1st May, 2019.

Resource Person: Mr. Esakki Raja,

Senior Application Engineer, VI Solutions, Bangalore

Co-ordinators: Dr. A. Geetha Devi, Associate Professor

Dr. K. Ramanjaneyulu, Professor

iii. One week Training program was conducted on **Training on Data Acquisition and signal conditioning concepts** for the students of ECE, EEE & ME departments during 2nd - 8th may, 2019.

Resource Person: Mr. Esakki Raja,

Senior Application Engineer, VI Solutions, Bangalore

Co-ordinator: Dr. A. Geetha Devi, Associate Professor

Faculty Attended: Mrs. B. Swathi Lakshmi, Assistant Professor

iv. One week Training Program was conducted on **Embedded and FPGA Programming using NI-RIO Platform** for the students of ECE, EEE & ME departments during 09th - 15th May, 2019.

Resource Person: Mr. Esakki Raja,

Senior Application Engineer, VI Solutions, Bangalore

Co-ordinators: Dr. A. Geetha Devi, Associate Professor

Mr. M. Srinivasa Rao, Associate Professor

v. One week training program was conducted on **NI- CLAD Exam Training** for the students of ECE, EEE and ME departments during 16th - 22nd May, 2019.

Resource Person: Mr. Esakki Raja,

Senior Application Engineer, VI Solutions, Bangalore

Co-ordinators: Dr. A. Geetha Devi, Associate Professor

2.   WORKSHOPS/SEMINARS/CONFERENCES/FACULTY DEVELOPMENT PROGRAMS ATTENDED BY THE FACULTY:

i.   The following faculty members attended a five day workshop on **Cryptography and Coding Theory** at NIT Warangal during 28th January – 1st February, 2019.

Faculty Attended:

i. **Dr. T. Haritha,** Associate Professor
ii. **Mr. M. Srinivasa Rao,** Associate Professor

iii. **Mrs. K. Anitha,** Associate Professor

iv. **Mr. J. Ravindra Babu,** Associate Professor

v. **Mrs. T. Maha Lakshmi,** Assistant Professor

Resource Persons:

1. **Prof. RajatTandon** (Univ. of Hyd.)
2. **Dr. Kannan Srinathan** (IIIT Hyd.)
3. **Dr. Santanu Sarkar** (IIT Madras)
4. **Dr. Bhaskar Biswas** (IIT, Kolkatta)
5. **Dr. VenkatRanjanMarka** (VIT, AP)
6. **Dr. N. Regnugadevi** (CSE, NITW)
7. **Dr. E. Suresh Babu** (CSE, NITW)
8. **Dr. Smitha Naval** (CSE, NITW)
9. **Dr.R.S. Selvaraj** (Maths, NITW)
10. **Dr. Y. Srinivasa Rao** (Maths, NITW)

ii. **Mr. B. Surya Prasada Rao,** Associate Professor and **Mrs. B. Swathi Lakshmi,** Assistant Professor attended a webinar on **Intellectual Property Rights & Patents** on 10th January, 2019 at PVPSIT.

iii. **Mr.Md. Habibulla,** Sr.Assistant Professor attended three day workshop on **Entrepreneurship Awareness camp** (DST – NOMAT Project) during 31st January - 2nd February, 2019 organized by MBA dept. in association with Entrepreneurship Development Institute of India.

iv. **Mrs. D. Praveena Bai,** Assistant Professor attended Six day Faculty Development Program on **Emerging Trends in VLSI Design and Technology with Hands on Training** during 28th January - 2nd February, 2019.

v. **Mrs. K. ArunaKumari,** Sr.Assistant Professor & **Mrs. B. Swathi Lakshmi,** Assistant Professor attended one week training program on **Development of Signal and Image Processing Applications using LabVIEW** during 25th February - 1st March, 2019 at VRSEC, Kanuru.

vi **Mr. B. Surya Prasada Rao,** Associate Professor, **Mrs. V. RatnaKumari,** Assistant Professor and **Mrs. D. Swathi,** Assistant Professor attended a three day training on

Programming **Xilinx Zynq SoCS using MATLAB and Simulink** conducted by MATHWORKS at Sri Vasavi Engineering College, Tadepalligudem during 25th - 27th February, 2019.

vii. **Dr. K. Ramanjaneyulu,** Professor attended two-day R&D showcase at IIIT Hyderabad campus on 23rd & 24th February, 2019.

viii. **Mrs. V.S.D. Rekha,** Assistant Professor attended a one day workshop on **Basic Life Support** organized by Anasthesia Dept. of Dr. P.S.I.M.S. Chinautupally on 27th February, 2019.

ix. The following faculty members attended FDP on **Machine Learning for Language, Vision and Control** at NIT Warangal (Tadepalligudem) during 25th - 30th March, 2019.
    1. **Dr. A. Geetha Devi,** Associate Professor
    2. **Mrs. K. ArunaKumari,** Sr.Assistant Professor
    3. **Mrs. B.V. Subbayamma,** Assistant Professor
    4. **Mrs. V.S.D. Rekha,** Assistant Professor

x. **Mrs. D. Praveena Bai,** Assistant Professor & **Mrs.Ch. Sri Lakshmi,** Assistant Professor attended Faculty Development Program on **Modern Pedagogical Techniques and Creative problem Solving** organized by the IQAC, VRSEC, Vijayawada in association with Teaching Learning Centre of Indian Institute of Technology, Hyd., during 15th -17th April, 2019.
    Resource Persons: Dr. Viswanath Chinthapenta
    Dr.G.V.V. Sharma
    Dr. Adithya Siripuram

xi. The following faculty members attended a five day Faculty Development Program on **NBA Accreditation** conducted by NITTTR at PVPSIT during 22nd -26th April, 2019.
    Faculty attended:
    1. **Dr. K. Ramanjaneyulu,** Professor
    2. **Mr. M. Srinivasa Rao,** Associate Professor
    3. **Mrs. K. Anitha,** Associate Professor
    4. **Dr. A. Geetha Devi,** Associate Professor

5. **Mr. B. Surya Prasada Rao,** Associate Professor

6. **Ms. T. Sushma,** Assistant Professor

7. **Mrs. B.V.Subbayamma,** Assistant Professor

8. **Mrs. B. Swathi Lakshmi,** Assistant Professor

9. **Mrs. L. Madhavi devi,** Assistant Professor

10. **Mrs. Ch. Sri Lakshmi,** Assistant Professor

Resource Person: Dr. Rayapati Subba Rao, NITTTR, Kolkata

xii.   The following faculty members attended one day Faculty Development Program on **Intellectual Property Rights & Innovation** organized by Dept. of MBA in collaboration with IQAC cell on 29th April, 2019.

Faculty attended:

1. **Dr. C. Subba Rao,** Professor

2. **Dr. K. Ramanjaneyulu,** Professor

3. **Mr. M. Srinivasa Rao,** Associate Professor

4. **Mrs. K. Anitha,** Associate Professor

5. **Ms. T. Sushma,** Assistant Professor

6. **Mrs. D. Hareesha,** Assistant Professor

7. **Mrs. B.V.Subbayamma,** Assistant Professor

8. **Mrs. L. Madhavi devi,** Assistant Professor

xiii**. Dr.C.Subba Rao,** Professor attended Faculty Development Program on **Metamaterial Applications and Evolutionary Techniques** organized by Dept. of ECE, E&ICT Academy, NIT Warangal during 22nd – 24th April, 2019.

Resource Persons: Dr. A. Prakasa Rao,

Dr. D. Vakula, Assoc. Prof. NIT, Warangal

xiv. **Dr.C.Subba Rao,** Professor attended one week short term course on **Microwave Heating and Processing of Foods** sponsored by CE&QIP AICTE during 13th -17th May, 2019. Held at IIT Bombay, Mumbai.

Resource Persons: RC Swamy Ananthesam

Prof. Girish Kumar

Prof. Narendra Shah, IIT, Bombay

xv. **Mr.P.Venu Madhav,** Assistant Professor attended workshop for faculty members of Applied Robotic Control Labs as a part of **Indo European Skilling Centres for Mechatronics and Industrial Robotics** in AP, India by APS GmbH European Center for Mechatronics, Aachen, **Germany** during $19^{th} - 29^{th}$ May, 2019.

xvi. **Dr.K.Ramanjaneyulu,** Professor attended National Level Faculty Development Program on **Deep Learning unfolded** organized by Department of Computer Science and Department of Mathematics, Amrita Vishwa Vidyapeetham, amritapuri during $27^{th} - 31^{st}$ May, 2019.

Resource Persons: Prof. G. Veena,

Dr. V. Sowmya

Dr. G. Gopa Kumar,

Prof. M. Suneetha, Amritha Viswavidyapeetham, Amruthapuri

xvii. **Mrs.L.Madhavi Devi,** Assistant Professor attended one week Faculty Development Program on **Signal Processing - Deep Learning** organized by Vijaya Institute of Technology, Enikepadu in association with E&ICT Academy, NITW during $10^{th} - 15^{th}$ June, 2019.

Resource Persons: Mr. Kadambari, NIT Warangal,

Ravi Kumar NIT Warangal

Ganapathi Panda, IIT Bhuvaneswar

xviii. **Dr.C.Subba Rao,** Professor and **Mrs.K.Anitha,** Associate Professor attended a Six day short term training progrmme on **Advanced Trends in Renewable Sources of Energy** sponsored by AICTE and conducted by Dept. of EEE, PVPSIT during $24^{th} - 29^{th}$ June, 2019.

xix. **Dr.K.Ramanjaneyulu,** Professor attended Faculty Development Program on **Deep Learning and its Applications** organized by PVPSIT in association with E&ICT Academy, NITW during $24^{th}-29^{th}$ June, 2019.

Resource persons: Dr. G. Rama Murthy (Mahindra Ecole Centrale, Hyderabad),

Dr. M. Srinivas (IIIT, Hyd),

Dr. M. Srinivas (NITW, Warangal),

Dr. Nagesh Bhattu Sristy (NITAP),

Dr. M. Anand Kumar (NITK, Karnataka, Suratkal)

i. **Dr.K.Ramanjaneyulu,** Professor presented a paper entitled **Study on Machine Intelligence Techniques for Intrusion Detection System** - National Conference on Computational Intelligence and Deep Learning (NCCIDL' 19), Organized by Dept. of Computer Engineering, G. H. Raisoni Institute of Engineering and Technology (GHRIET), Pune, 13th and 14th February - 2019.

ii. **Dr.C.Subba Rao,** Professor, **Mrs. B. Swathi Lakshmi,** Assistant Professor & **Mr. K. Phani Rama Krishna,** Assistant Professor presented a paper entitled **Design and Analysis of compact wide band Antenna** - International Conference on Emerging Trends in Engineering (ICETE) held at University college of Engineering, Osmania University, Hyderabad – Springer Series, during 22-23 March – 2019.

iii. **Mrs.K.Anitha,** Associate Professor, **Ms.B.Susmitha, Mr.M. Srinivasa Rao,** Associate Professor presented a paper on **Eigen face Recognition using PCA** - first Annual Conference on Computer Aided Developments in Electronics and Communication (CADEC-2019) at VIT-AP University, Amaravathi on 2nd& 3rd March - 2019.

iv. **Dr.Geetha Devi A,** Associate Professor presented a paper entitled **Smart Irrigation system for agricultural Field -** International conference on Recent advances in computer science and engineering (IC-RACE) 2019 on 4th& 5th March 2019.

v. **Mrs.L.Madhavi Devi,** Assistant Professor presented a paper on **Electronic smart shopping trolley in super market -** Journal of Applied science and Computations, Volume 6,Issue 3,March – 2019.

vi. **Mr.P.Venumadhav,** Assistant Professor published & presented a conference paper on **Characterization of printed posal vivaldi Antennas (8-18GHz) on RT duroid with single & double cavity**- International Conference on Science, Technology & Managements held at Siddhartha Mahila Kalasala on 30th March – 2019.

vii. **Dr.Geetha Devi Appari,** Associate Professor, **Surya Prasada Rao Borra,** Associate Professor, et.al, presented a paper entitled **Image Classification and Object detection**

using Deep Learning - International Conference in Advanced Communication Technologies (ICACT-2019), Sir CR Reddy Engineering College, Eluru, 26th & 27th April – 2019.

viii. **Dr.K.Ramanjaneyulu**, Professor presented a paper entitled **Adaptive Jaya Optimization Technique for Feature Selection in NSL-KDD Data Set of Intrusion Detection System -** International Conference on Communication and Information Processing (ICCIP-19), Organized by Nutan College of Engineering and Research (NCER), Pune, 17th & 18th May – 2019.

Book Chapters:

i. **Dr.P.Rajesh Kumar,** Professor &HoD & **Mrs.V.RatnaKumari,** Assistant Professor published a book chapter **Occluded Ear Recognition using block based PCA in Soft computing and signal processing**, Advances in Intelligent Systems and Computing 898, Vol.2, ISSN:2194-5365, Pages:569-578, February – 2019.

ii. **Mrs.V.RatnaKumari,** Assistant Professor published a book chapter **A Novel Adoptive beamforming Algorithm for smart Antenna in soft computing and signal processing,** Advances in intelligent systems and computing 898,Vol.2, ISSN:2194-5365, Pages:589-598, February – 2019.

4. PUBLICATIONS BY THE FACULTY (NATIONAL/INTERNATIONAL J OURNALS & CONFERENCES):

i. **Dr.T.Haritha,** Associate Professor, **Ms.T.Aravinda,** II M,Tech student published a paper entitled **Interference aware intercell rank co-ordination for 4G wide area network using sparsity order estimation** – International Journal of Engineering & Science Research (IJESR), Issue :1, vol:9, ISSN: 2277-2685, January - 2019.

ii. **Mrs.D.Swathi,** Assistant Professor published a paper entitled **Home Automation based on IOT using Google Assistant** – IJARTET, Issue:1; vol:6; January - 2019.

iii. **Mrs.V.S.D.Rekha,** Assistant Professor published a paper entitled **Smart indoor ambiance monitoring and controlling system using IOT** - IJARTET, Issue:1; vol:6; January - 2019.

iv. **Dr.K.Ramanjaneyulu,** Professor et.al published a paper entitled **Study on Machine Intelligence Techniques for Intrusion Detection system**- IJFRCSCE, Vol:5, Issue:2; ISSN:2454-4248;Pages:4-9, February – 2019.

v. **Ms.N.Sujana** &**Dr.C.Subba Rao,** Professor published a paper entitled **Design and Analysis of E-shaped Microstrip patch antenna for wide band Applications** - International Journal of Research in Electronics and Computer Engineering, Vol:7, Issue:6, Pages: 347-351, March-2019.

vi. **Mrs.T.Maha Lakshmi,** Assistant Professor published a paper entitled **A Survey on Hybrid Filters for Enhancing Intensity of Satellite Image by using Denoising Algorithms** – Journal of Applied science and Computations, Volume 6,Issue 3, ISSN:1076-5131; March – 2019.

vii. **Dr.T.Haritha,** Associate Professor et.al published a paper entitled **Smart Helmet System** – Journal of Emerging Technologies and Innovative Research; volume 6; Issue 4; ISSN:2349-5162; April – 2019.

viii. **Ms.T.Sushma,** Assistant Professor, **Mrs.L.Madhavi Devi,** Assistant Professor, **Mrs.B.Swathi Lakshmi,** Assistant Professor published a paper on **Unmanned Ground Vehicle -** Journal of Applied science and Computations, Volume 6, Issue 4, April – 2019.

ix. **Mr.Surya Prasada Rao Borra,** Associate Professor, **Dr.Rajesh Kumar Panakala,** Professor& HoD et.al, published a paper entitled **VLSI Implementation of Image Fusion Using PCA Algorithm With Maximum Selection Rule -** International Journal of Recent Technology and Engineering (IJRTE), Volume-7, pp.1960-1965, Issue-6S5, April - 2019.

x. **Mrs.V.S.D.Rekha,** Assistant Professor & **Mrs.D.Swathi,** Assistant Professor published a paper entitled **Arduino Based Smart Indoor Ambiance Monitoring and Controlling System -** International Journal of Engineering Research and Applications (IJERA), ISSN :2248-9622 Vol. 9, Issue 4 (Series -IV); pp 29-32; April – 2019.

xi. **Mr. A. Ashok Babu,** Assistant Professor published a paper entitled **Design and Development of Efficient Street Light Mechanism -** Journal of Emerging Technologies and Innovative Research; volume 6; Pages 318 to 323; June – 2019.

xii. **Mr. Habibulla Mohammad,** Sr. Assistant Professor published a paper entitled **Implementation of Three-Tier Multihop Technique in advance coupling network model - deterministic energy- efficient clustering of Wireless sensor network** - Journal of Computational and Theoretical Nanoscience; Volume 16; Pages: 2581-2589; No. 5/6(may/june - 2019).

xiii. **Dr. K. Ramanjaneyulu**, Professor et.al published a paper entitled **A Modified Deep Neural Network Based Hybrid Intrusion Detection System in Cyber Security -** International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-8, Page No.:3366-3370; June - 2019.

xiv. **Dr. K. Ramanjaneyulu**, Professor et.al published a paper entitled **A novel approach for feature selection technique in NSL-KDD data set of cyber security -** Indian Journal of Automation and Artificial Intelligence(IJAAI), ISSN: 2320–4001 (Online), 2320-3994 (Print), Volume-6 Issue-6, pp: 1-5, June - 2019.

xv. **Mr.P.Venu Madhav,** Assistant Professor published a paper entitled **Dual band 1*4 Orthogonal Array for mobile & Wifi Applications** – Journal and Advanced Researchin Dynamic and Control Systems(JARDCS), Volume 11,Issue 2,page no:1146-1153; June – 2019.

xvi. **Dr.K.Ramanjaneyulu,** Professor, **Mr. P.Venu Madhav,** Assistant Professor, **Mr.Surya Prasada Rao Borra,** Associate Professor published a paper entitled **Vehicle Tracking & Accident Detection System** – Journal of Emerging Technologies and Innovative Research (JETIR) Volume 6, Issue 6 ISSN-2349-5162; June 2019.

5. FACULTY ACHIEVEMENTS (HIGHER QUALIFICATION AWARDED, GUEST LECTURES GIVEN, AWARDS AND REWARDS, ETC.):

i. **Dr.C.Subba Rao,** Professor delivered an expert talk on **Fields & Waves** on 2nd January, 2019 at Andhra Loyola Institute of Engineering and Technology, Vijayawada.

ii. **Dr. A. Geetha Devi,** Associate Professor completed the UGC Minor Research Project entitled **Recognition of the moving objects based on super resolution algorithms** and submitted audit report in the month of January – 2019.

iii. **Dr. A. Geetha Devi,** Associate Professor & **Mrs. K. Anitha,** Associate Professor submitted a project proposal on **Development of a new Autonomous Robot for Plant Disease Detection** for consideration under Technology Development program (TDP) to DST Agro Tech. on 15th April, 2019.

iv. **NPTEL online certification course** was conducted by IIT Guwahati from January-April 2019. Exam was conducted on 27th & 28th April, 2019. 5 faculty registered for different courses. Following are the details of certified faculty.

Sl.No.	Name of The Faculty	Course Name	Final Score	Certificate Type
1	Komma Anitha	Digital Electronic Circuits	82	Elite+Silver
2	Hareesha Dandamudi	Computer Organization and Architecture: A Pedagogical Aspect	72	Elite
3	B.V.Subbayamma	Computer Organization and Architecture: A Pedagogical Aspect	64	Elite
4	Boppana Swathi Lakshmi	Antennas	69	Elite
5	V.S.D. Rekha	Fiber optics	49	Successfully completed

v. **Mrs. K. Anitha,** Associate Professor acted as an external expert to select Adhoc Lecturers for Electronics subjects in Sri Durga Malleswari Siddhartha Mahila Kalasala on 11th May, 2019.

vi. **Mrs. K. Anitha,** Associate Professor acted as an external expert to select Adhoc Lecturers for Electronics subjects in PB Siddhartha arts and Science College on 14th May, 2019.

6. INDUSTRIAL VISITS:

i.   III Year students visited BSNL, Vijayawada on 24th& 25th January, 2019.
ii. II Year students visited NTTPS, Vijayawada on 19th& 20th February, 2019.

8. STUDENTS SELECTED FOR GATE/IELTS/GRE/TOEFL AND OTHER COMPETITIVE EXAMINATIONS:

10 students of IV B.Tech qualified GATE exam

Sl. No.	Regd. No.	Name of The Student	GATE Rank
1.	15501A0403	Appasani Srinivas Chowdary	6800
2.	15501A0462	M. Rama Krishna Siva Naga Sai	3750
3.	15501A0463	M. Asrith	12800
4.	15501A0472	N.RatnaMythili	3750
5.	15501A0475	N. Lakshmi Manasa	7983
6.	15501A0481	P. Prannoy	6000
7.	15501A0482	P. Mangala Gowri	8643
8.	15501A0486	P. Naveen	2281
9.	15501A04A3	T. Bhavana	10081
10.	15501A04B3	V. Yadhunandhan	14000

a) Presentation/Participation in Seminars/Conferences/Workshops/Academic awards:

i. **Mr. V. Bhargav Kumar** 15501A04B2 IV/IV B.Tech. participated in "Yuva-Saba" Youth Mock Parliament conducted by Government of Andhra Pradesh and won the prestigious award as **"Best Amendment Maker"** on 8ᵗʰJanuary, 2019.

ii. The following students participated in **Project Expo** conducted by Ideal Public School, Krishna lanka on 25ᵗʰ& 27ᵗʰ January, 2019.

S.No	Name of the Student	Year of Study	Project Title	Prize
1.	B. Chandra Sekhar	I	Ware House Monitoring	I
2.	K. Gnanendra	I		
3.	B. Srikanth Nagendra	I		
4.	G. Jyothirmayi	I	Automatic Door Alarm	II
5.	D. Raja Rajeswari	I		
6.	K. SasiRekha	I		
7.	A. Madhuri Yadav	I		

iii. **NPTEL online certification course** was conducted by IIT Guwahati from January-April 2019. Exam was conducted on 27th & 28th April, 2019. 48 students registered for different courses. Following are the details of certified students.

S.NO.	Name	Reg. Number	Final Score	Certificate Type
	Course Name	**Principles Of Signals And Systems**		
1	17501A0428	Durga sai lavanya senagavarapu	61	Elite
2	17501A0425	Divvela Jahnavi Kumari	64	Elite
3	17501A0412	B.Bhagya Lakshmi	63	Elite
4	17501A0411	Boppa.Yuva Sri Lakshmi Anjanavathi	68	Elite
5	17501A0422	Devarapu Srikanth	45	Successfully completed
6	17501A0419	Dasari Chaitanya Sai Likhitha	48	Successfully completed
7	17501A0434	Gonaboina Venkata Somesh	60	Elite
8	17501A0444	Jonnala.Sravya	55	Successfully completed
9	17501A0443	Janjanam Vijaya Sree	70	Elite
10	17501A0452	Silpa Sudharshini	53	Successfully completed
11	17501A0441	Hamsala.Geetha Sesha Harika	47	Successfully completed
12	17501A0413	Boyapati Vivek	40	Successfully completed
13	17501A0430	Edipilli Pavan Kalyan	67	Elite
14	17501A0451	Kogili Pranaysagar	58	Successfully completed
15	17501A0449	Baby Harshitha	60	Elite
16	17501A0488	Pulipati Venkata Naga Durga Sai Meghana	62	Elite
17	17501A04B3	Undi Lekhana	30	No Certificate
18	17501A0471	N.Gopi Krishna Reddy	48	Successfully completed
19	17501A0482	Sathvik Bhargav	54	Successfully completed
20	17501A0483	Piduru.Venkat	41	Successfully completed
21	17501A04A7	Syed Abdul Rahaman	60	Elite
22	17501A0486	Polaki.Bhargav	48	Successfully completed
23	17501A04B2	Umesh Kumar Naik Mudavath	64	Elite
24	17501A0404	Ayinapuru Dharani Sudha	56	Successfully completed

25	17501A04B5	Vusa Likhita Uttam	63	Elite
26	17501A0459	Maadu Bhargavi	51	Successfully completed
27	17501A0468	Mohan Krishna Bayana	40	Successfully completed
28	17501A0472	N.Devi Prasanna	40	Successfully completed
29	17501A0493	Poojitha Ravuri	44	Successfully completed
30	17501A0402	Ajmeera Nagaraju	42	Successfully completed
31	17501a0457	Shabnum Kuchipudi	50	Successfully completed
32	17501A0455	Hema Deepika Kommathoti	40	Successfully completed
33	17501A0423	Jyothsna Devi Devineni	51	Successfully completed
34	17501A04A8	Tangellamudi. Sai Charitha	45	Successfully completed
35	17501A0417	Ch.Achyuth	67	Elite
36	17501A0406	Bhavanari Sai Cherishma	45	Successfully completed
37	17501A0481	Parvatham Sai Maruthi Kavya	52	Successfully completed
38	17501A0438	Gujjarlapudiragasai	48	Successfully completed
39	17501A04A9	Tatavarthi Venkata Sai Teja	56	Successfully completed
40	17501A04A6	Sudula Neelavathi	52	Successfully completed
	Course Name	**Introduction to Internet of Things**		
1	17501A0404	Ayinapuru Dharani Sudha	75	Elite+Silver
	Course Name	**Problem Solving Through Programming In C**		
1	17501A0412	B.Bhagya Lakshmi	56	Successfully completed
2	17501A0443	Janjanam Vijaya Sree	67	Elite
3	17501A0411	Boppa.Yuva Sri Lakshmi Anjanavathi	56	Successfully completed
	Course Name	**Programming In Java**		
1	16501A0477	Nandeti.Josephin Sowgandhika	88	Elite+Silver
2	16501A0480	Narni Avinash	81	Elite+Silver
	Course Name	**Microprocessors And Microcontrollers**		
1	17505A0412	Meragani.Jhansi	54	Successfully completed

iv. 26 students obtained **NI-CLAD** certification from NI Competence Development Center - conducted on 22nd May, 2019.

SN	Reg.No.	Name of the Student
1	16501A0478	Nanduri Satya Dheeraj
2	16501A0493	Potturi Yamini
3	16501A04C0	Yelchuri Roshini
4	16501A0462	Mamidi Lakshmi Krishna Priya
5	16501A0482	Nelluri Venkata Siva Sai Pradeep
6	16501A0425	Darla Vishwa Datta
7	16501A0466	Mekala Aparna
8	16501A0481	Narra Saranya
9	16501A04B1	Uppala Durga Srihitha
10	16501A0413	Bejjanki Sucharitha
11	16501A0490	Pinnaka Siva Sanjay
12	16501A04B6	Vedantam Pallavi
13	16501A04B9	Yarlagadda Charitha Sri
14	16501A0417	Chandrapatla Nikhitha
15	16501A0479	Nandyala Hemanth Satya Sundar
16	16501A04A4	Srikantam Amulya
17	16501A0499	Shaik Khanjuma
18	16501A04A9	Tiruveedula Lakshmi Deepak
19	16501A0489	Peesapati Hanuman Prasad
20	17505A0420	Seelam Mohini Sekunthala
21	16501A0406	Badi Bhargavi
22	16501A0419	Chikkala Navya
23	16501A0423	Dandupati Devi Surya Tejaswi
24	16501A0450	Kokkiligadda Kezia Chrysolite
25	18501D8205	N.Srilatha
26	18501D8202	G.Kundana priya reddy

v. 59 Students of III B.Tech. successfully completed 7 Certification courses from "**COURSE-ERA**" (University of California, IRVINE) organized by Dept. of ECE, PVPSIT in association with APSSDC.

S.No	Reg. No	Name of The Student	S.No	Reg. No	Name of The Student
1	16501A0448	K Keerthana	31	16501A0443	K.Viharika
2	16501A0447	K Bhavana	32	16501A0444	K.Sowmya
3	16501A0401	A Hemanth	33	16501A0427	D.N.S Teja
4	16501A0451	K Anisha	34	17505A0407	J.S. S.S Mukul
5	16501A0445	K Naveen	35	16501A0455	K.Rohith
6	16501A0414	B Nagendra	36	16501A0459	K.Saisudha
7	16501A0415	B Bharathi	37	16501A0453	K. V.N. Durga
8	16501A0418	Charan Sai K	38	17505A0402	B Prudhvi Sai
9	16501A0433	G S K Koushik	39	17505A0403	Ch .Krishna
10	16501A0432	G Trilok	40	16501A0426	D.Pallavi
11	16501A0405	A Jawahar	41	16501A0416	Ch Sushma
12	16501A0440	K V S S Harsha	42	17505A0421	T. Pravallika
13	16501A0422	D.Sumanth	43	16501A0473	M.Priyanka
14	16501A04B8	V Susmitha	44	16501A0486	P.Samhitha
15	16501A0470	M V Bhargavi	45	17505A0422	U.Pavan
16	16501A0471	M Priyanka	46	16501A0464	M. P Bindu
17	16501A0472	N Priyanka	47	16501A0467	M.Hema Sree
18	16501A0474	N Chandana	48	16501A04B2	V.Rampavan
19	16501A0477	J Sowgandhika	49	16501A0495	S.Veneel

20	16501A0475	N Mounika	50	16501A04A7	T.Priyanka
21	16501A0492	P G S Sundeep	51	16501A0487	P. Sagar
22	16501A0465	M Sukanya	52	17505A0417	P.Killada
23	16501A0483	N T Satya Raju	53	16501A0476	N.Sri Lekha
24	16501A0484	O Pranathi	54	16501A0469	M.T.Srikanth
25	16501A04A8	T Mahesh K	55	16501A04A6	T.Pavani
26	16501A0496	S Ammi Reddy	56	16501A04B3	V.Praneetha
27	16501A04A0	Sk Ruksar	57	16501A04B5	V.Hima
28	16501A0463	M Nikitha	58	16501A0491	P.D Deepak
29	16501A0468	Md Afsari	59	16501A0488	P.Yaswanth
30	16501A04B0	T Madhumitha			

b) Student Participation:

S.No	Roll No.	Name	Year of Study	Name of the Institute	Paper/Poster/Project Contest Held on	Title of the Paper/ Poster/Project	Prizes/ Participation
1.	16501A04A2	S.Manikanta	III	SRK Institute of Technology	15th & 16th February 2019	Poster Presentation	Participation
2.	16501A04A2	S.Manikanta	III	SRK institute of technology	15th & 16th February 2019	Code VHDL	Participation
3.	16501A0429	E.Avinash	III	V.R Siddhartha Engineering college	14th February 2019	Technical Quiz	Participation
4.	16501A0429	E.Avinash	III	Dhanekula Institute of Engg. & Tech	15th February 2019	Quiz	Participation
5.	16501A0430	G.PremaAshank	III	V.R Siddhartha Engineering college	14th February 2019	Poster Presentation	Participation
6.	16501A0436	G.Haneetha Devi	III	Usharama college of Engg. & Tech	5th January, 2019	Engineer ka Mahasangram	III (won ₹15,000 cash prize)
7.	16501A0430	G.PremaAshank	III	Dhanekula Institute of Engg. & Tech	15th February 2019	Quiz	Participation
8.	17505A0405	B.Manoj	III	V.R Siddhartha Engineering college	14th February 2019	Poster Presentation	Participation

9.	16501A0458	K.Srikar	III	V.R Siddhartha Engineering college	14th February 2019	Paper Presentation	Participation
10.	16501A0434	G.Naga Uma Mahesh	III	V.R Siddhartha Engineering college	14th February 2019	Paper Presentation	Participation
11.	16501A0449	K.Sai Prasanth	III	V.R Siddhartha Engineering college	14th February 2019	Technical Quiz	Participation
12.	16501A0480	N.Avinash	III	University of Madras, Chennai	14th February 2019	Yoga	Participation
13.	16501A0431	G.Pavanteja Tiwari	III	University of Madras, Chennai	14th February 2019	Yoga	Participation
14.	16501A0416	CH.Sushma	III	KL University	1st February 2019	Open CV, Flutter Workshop	Participation
15.	16501A0416	CH.Sushma	IIIIII	V.R Siddhartha Engineering college	14th February 2019	Paper Presentation	Participation
16.	16501A0416	CH.Sushma	III	V.R Siddhartha Engineering college	15th February 2019	Technical Quiz	Participation
17.	16501A04B6	V.Pallavi	III	National Level Technical Contest, Gudlavalleru Engineering college, Gudavallaru	22nd February 2019	Circuits Hunt	Participation
18.	16501A0462	M.l.Krishnapriya	III				
19.	16501A04B9	Y.Charthasri	III				

20.	16501A04C0		III				
21.	17505A0417	N.Jineeth krishna	III				
22.	17505A0414	M.Roja	III	PVPSIT	8th February 2019	SITAR2K19	Participation
23.	16501A0436	G.Haneetha Devi	III	V.R Siddhartha Engineering college	14th February, 2019	Technical Quiz	I
24.	16501A0444	K. Pavan Kumar Sri Harsha	III	V.R Siddhartha Engineering college	14th February, 2019	Technical Quiz	Participation
25.	16501A0443	L. Sowmya Viharika	III	V.R Siddhartha Engineering college	14th February, 2019	Technical Quiz	Participation
26.	16501A0453	K.Durga Sree	III	V.R Siddhartha Engineering college	14th February, 2019	Technical Quiz	Participation
27.	16501A0457	K.Praveen Kumar		V.R Siddhartha Engineering	14th February, 2019	Circuitrix	Participation

				college			
28.	16501A0438	G.H.S.S Divya		V.R Siddhartha Engineering college	14th February, 2019	Paper Presentation	Participation
29.	16501A0436	G.Haneetha Devi	III	V.R Siddhartha Engineering college	14th February, 2019	Circuitrix	I
30.	16501A0436	G.Haneetha Devi	III	V.R Siddhartha Engineering college	14th February, 2019	Gadget Talk	II
31.	16501A0425	D.Vishwa Datta	III	V.R Siddhartha Engineering college	14th February, 2019	Gadget Talk	III
32.	16501A0425	D.Vishwa Datta	III	V.R Siddhartha Engineering college	14th February, 2019	Paper Presentation	I
33.	16501A0425	D.Vishwa Datta	III	V.R Siddhartha Engineering college	14th February, 2019	Do You Know?	I
34.	15501A0462	M.R.K.N Sai	III	V.R Siddhartha Engineering college	14th February, 2019	Gadget Talk	Participation
35.	15501A0462	M.R.K.N Sai	III	V.R Siddhartha Engineering college	14th February, 2019	Circuitrix	III
36.	15501A0462	M.R.K.N Sai	III	V.R Siddhartha Engineering college	14th February, 2019	Technical Quiz	Participation

c) Students Summer Internships in the year 2018-2019

Sl. No.	Name of Student	Year of Study	Organization & Place	Period
1.	P.Sathvik Bhargav	II	IITH, Hyderabad	13.05.2019 To 03.06.2019
2.	P.Venkat	II	IITH, Hyderabad	13.05.2019 To 03.06.2019
3.	Md.Fareeda	II	Incap, Gannavaram	6.05.2019 To 11.05.2019
4.	N.Deviprasanna	II	Incap, Gannavaram	13.05.2019 To 20.05.2019
5.	Lohitha Chandra Mythili	II	Incap, Gannavaram	13.05.2019 To 20.05.2019
6.	J.Sai Chandra	II	Incap, Gannavaram	13.05.2019 To 20.05.2019
7.	P.Kavya	II	Incap, Gannavaram	13.05.2019 To 20.05.2019
8.	M. Gopi Chandra	II	Incap, Gannavaram	13.05.2019 To 20.05.2019
9.	U.Lekhana	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
10.	P.Meghana	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
11.	M.Anvesh	II	IITG, Gowhathi	13.05.2019 To 12.06.2019
12.	Zubair	II	IITG, Gowhathi	13.05.2019 To 12.06.2019
13.	Umesh	II	IITG, Gowhathi	13.05.2019 To 12.06.2019
14.	Deepesh	II	IITG, Gowhathi	13.05.2019 To 12.06.2019
15.	K.Sindhu	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
16.	U.Likhitha	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
17.	D.Jahnavi Kumari	II	Incap, Gannavaram	6.05.2019 To 11.05.2019
18.	D.Chaithanya Sai Likhitha	II	Incap, Gannavaram	6.05.2019 To 11.05.2019
19.	B.Bhagya Lakshmi	II	Incap, Gannavaram	6.05.2019 To 11.05.2019
20.	J.Vijayasree	II	Incap, Gannavaram	6.05.2019 To 11.05.2019
21.	Pavankalyan	II	Incap, Gannavaram	20.05.2019 To 25.05.2019
22.	G.Deepika	II	Incap, Gannavaram	20.05.2019 To 25.05.2019

23.	Durga Sai Lavanya.S	II	Incap, Gannavaram	20.05.2019 To 25.05.2019
24.	H.Harika	II	Incap, Gannavaram	20.05.2019 To 25.05.2019
25.	K.Pranay Sagar	II	Incap, Gannavaram	20.05.2019 To 25.05.2019
26.	G.Raga Sai	II	Incap, Gannavaram	13.05.2019 To 12.06.2019
27.	B.Yuvasri Lakshmi Anjanavathi	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
28.	Ch.Mounika	II	Airport Authority of India, Gannavaram	6.05.2019 To 11.05.2019
29.	B.Harika	II	A.U., Vizag	5.5.2019 To 4.6.2019
30.	B. Divya Sri	III	BHEL	27.05.2019 To 10.06.2019
31.	G. Hari Sai Sri Divya	III	IIITH, Hyderabad	07.05.2019 To 07.06.2019
32.	Ch. Saheebi	III	IIITH, Hyderabad	07.05.2019 To 07.06.2019
33.	P. Ravi Kiran	II	ECIL, Hyderabad	26.05.2019 To 25.06.2019
34.	K.N.P. Sai Keerthana	III	Value Labs Paid Scholarship	03.12.2018 To 03.02.2019
35.	Lakshmi Prasanna Vasireddy	III	Value Labs Paid Scholarship	03.12.2018 To 03.02.2019
34.	Kavya Illindra	III	Value Labs Paid Scholarship	03.12.2018 To 03.02.2019
35.	Ms.Hanitha Devi	III	IISc, Bangalore	06.05.2019 To 13.07.2019
36.	Ms. Rasagna	III	IISc, Bangalore	06.05.2019 To 13.07.2019

10. SITAR-2K19

i. The following staff members have organized different events in the dept. of ECE in SITAR-2K19-Techno fest on 08th February, 2019.

1. Registration

Co-ordinator :**Mrs.D.Hareesha,** Assistant Professor

Members : **Mrs.D.Swathi,** Assistant Professor

2. Ideathon Circuit

Co-ordinator :**Mrs. K. Anitha,** Associate Professor

Members :   **Dr. B. Samuyelu,** Sr. Assistant Professor

Mr. T. Balaji, Sr. Assistant Professor

Mrs. V. RatnaKumari, Assistant Professor

Mr. K. Phani Rama Krishna, Assistant Professor

3. **Technical Quiz**

Co-ordinator :**Mr. M. Srinivasa Rao,** Associate Professor

Members :   **Mrs. B. Swathi Lakshmi,** Assistant Professor

Mrs. T. Maha Lakshmi, Assistant Professor

Mrs. D. Praveena Bai, Assistant Professor

4. **Project Expo**

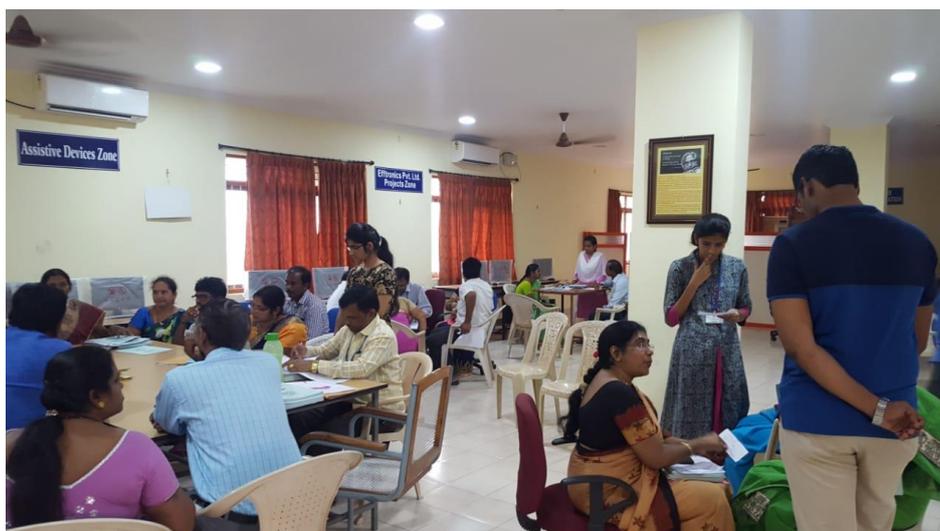Co-ordinator : **Dr. T. Haritha,** Associate Professor

Members : **Mrs. B.V. Subbayamma,** Assistant Professor

11. **Others:**

   i. Parents Meetings was conducted for III & IV years students on 6th September, 2018.

   ii. Parents Meetings was conducted for II years students on 20th September, 2018.

iii. Alumni meeting was conducted on 22nd December, 2018 with ECE students to discuss about present course structure of B.Tech. (ECE) and proposed modifications to the course structure.

vi. BOS Meeting was conducted on 29th December, 2018 to discuss about course structure for 2019-20 batch students i.e. PVP-19

Members Attended:

Mr. D.D.V. Hanumantha Rao,

Technology Specialist, Honeywell Technologies, Bangalore

Dr. B. Chanrda Mohan, HOD., ECE,

Bapatla Engineering College, Bapatla

v. **Dr. P. Rajesh Kumar,** Professor &HoD visited IISc., Bangalore on 23rd March, 2019 to know about Research Advancements.

vi. Our Alumni given financial support to III Year ECE student Ms. G. Hanitha Devi, Regd.
No:16501A0436, Rs.15,000/- to do intern at IISc Bangalore for one month.