



SIGNALS

A Half Yearly News Letter

Department of Electronics and Communication Engineering

PVP Siddhartha Institute of Technology

Autonomous & Permanent Affiliation to JNTUK, Kakinada

AICTE Approved, NBA Accredited and ISO 9001: 2008 certified Institution

(Sponsored by Siddhartha Academy of General and Technical Education)

Kanuru, Vijayawada- 520 0007

Volume: 07

JULY : 2015

Faculty Incharge:

Mrs. D. Hareesha

Assistant Professor

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Quotation:

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

WORKSHOPS, GUEST LECTURES & SEMINARS CONDUCTED:

1. A research seminar was conducted on "**Hybridization of Adaptive beam forming Algorithms**" on 16th July, 2015.

Resource Person:

Dr. Y. Rama Krishna,

Associate Professor, Dept. of ECE,
PVPSIT

2. Conducted "**Digital India Week Celebration**" – Awareness on Spoken Tutorial Project of IIT Bombay, Mumbai through a view – Amrita Versity Interactive e-learning world on 24th July, 2015.

3. A training programme was conducted on "Mentor Graphics Backend EDA Tools" on 31st July, 2015.

Resource Person:

Mr. Vimlesh Kumar,

Application Engineer,
Trident Tech Labs, Hyderabad



4. A Seminar was conducted on **“Personality Development”** for II & III B.Tech., Students on 12th August, 2015 under IETE Students’ Forum.

Resource Person:

Professor K.V. SubbaRaju,
Bhimavaram.



5. **Engineers’ Day** was celebrated on 15th, September 2015 and conducted a paper presentation contest to III B.Tech. students under IETE Students’ forum.

Judges: Mrs. A. Anitha, Sr. Assistant Professor, VRSEC.
Dr.Y.Rama Krishna, Associate Professor, PVPSIT,





6. A **Skill Development Programme** was conducted for II B.Tech. Students under IETE Students' Forum on 8th September, 2015.

Resource Persons:

Mr. D. Rama Krishna, MD, Efftronics Systems Pvt.LTd.,

Mr. Bala Krishna, In-charge R&D Efftronics Systems Pvt.LTd.,

Mr. Rama Samy, Director, R&D Efftronics Systems Pvt. Ltd.,



5. A Guest Lecture was conducted on "**Placement Opportunities in Core Companies**" on 15th September, 2015 under IETE Students' Forum.

Resource Person:

Mr. Mayank Ranjan,

University Relations Executive, Crane Software, Bangalore

6. A Guest Lecture was conducted on “**NI-Vision Builder**” on 9th December 2015.

Resource Person:

Mr.K.Suresh Kumar, Trident Tech Labs Pvt. Ltd., Hyderabad.

TRAINING PROGRAMMES CONDUCTED/ ATTENDED:

1. IV B.Tech. ECE students attended a five day CRT Programme related to Reasoning & Aptitude, Logical and Soft skills from 5th August, 2015 to 9th August, 2015.

PAPER PRESENTATIONS/PUBLICATIONS BY THE FACULTY

1. Mrs. A. Geetha Devi, Associate Professor published a paper entitled “**Super Resolution Reconstruction in Mixed noise environment**” in International Journal of Computer Applications, Vol.121, No: 12, July, 2015 PP:33- 41.
2. Dr. C. SubbaRao, Associate Professor presented a paper entitled “**An Octagonal Monopole Antenna for Ultra wide band Applications**”, 13th International Conference on Electro Magnetic Interference and compatibility. (INCEMIC-2015) 22-23 July, 2015 PP551-554, Andhra University, Visakhapatnam.
3. Dr. C. SubbaRao, Associate Professor published a paper entitled “**Analysis of EDGE Terminated wide band Biconical Antenna**”, Applied Computational Electro magnetics Society “ACES” journal vol.30, No:7, PP 804-809, July 2015.
4. Dr. Ch. Gangadhar, Associate Professor published a paper entitled “**Multiple Antenna Broad casting system using DSFPC-OFDM**” Vol.8, 2015 IJSAE.
5. Ms. D. Swathi, Assistant Professor, Mr. J. RavindraBabu, Associate Professor Published a paper entitled “**Performance And Comparison Of Linear Multi User Detectors in DS – CDMA Using Chaotic Sequence**” International Journal of Advances in Engineering Research, Vol.10, Issue :3, September, 2015.
6. Dr.Y.RamaKrishna, Associate Professor published a paper entitled “**Non-linear Gradient Descent Algorithm for Smart Antennas**”, International Journal of

Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol. 3, No. 9, September 2015, pp 8779- 8785.

7. Mrs. K. ArunaKumari, Sr. Assistant Professor, Ms. D. Swathi, Assistant Professor published a paper entitled **“Energy Efficiency for MIMO-OFDM using Iterative Water Filling Algorithm”** International Journal of Research in Computer and Communication Technology, Vol:4, Issue No:9, P.P:719-722, September, 2015.
8. Mrs. K.Anitha, Associate Professor published a paper entitled **“Real Time Digital Signal Processing based on Optical OFDM”**, International Journal of Research in Computer and Communication Technology, Vol. 4, Issue No. 10, October 2015, pp 879-884.

WORKSHOPS/SEMINARS /FACULTY DEVELOPMENT PROGRAMS WORKSHOPS ATTENDED BY THE FACULTY

1. Mrs.V.RatnaKumari, Assistant Professor, attended a two day MATLAB training programme on **“Feature Extraction and Classification Techniques for Pattern Recognition and Machine Learning Techniques”** conducted by SCS-India, organized by Dept of IT, PVPSIT, Vijayawada from 28th June, 2015 to 29th July, 2015
2. Dr.P.Rajesh Kumar, Professor and HOD, Dr.K.Ramanjaneyulu, Professor, Dr.C.SubbaRao, Associate Professor, Dr.Y.Ramakrishna, Associate Professor, Mr. B.VinodNayak, Assistant Professor, attended a five day short term training programme on **“Practical RF Antenna Design”** organized by NIT, Warangal, from 6th July, 2015 to 10th July, 2015.
3. Dr.Y.Ramakrishna, Associate Professor, Mrs. T.Haritha, Associate Professor, Ms.T.Sushma, Assistant Professor, Mrs.V.RatnaKumari, Assistant Professor, Mrs.V.S.D.Rekha, Assistant Professor attended a guest lecture on **“Managing Bharat to make Prosperous, Powerful, Intellectual and Ethical Resource Person”** organized by Dept.of MBA, PVPSIT on 13th July, 2015.
4. Mr.B.Surya Prasad, Associate Professor, Mr.T.Balaji, Sr. Assistant Professor attended a five day short term training programme on **“Digital Image Processing and its Applications”** from 20th July, 2015 to 24th July, 2015 at NIT Warangal, Telangana.

5. [Mr.P.VenuMadhav](#), Assistant Professor, [Mr.N.S.S.Ganesh](#), Assistant Professor attended a two day National Workshop on **"Advanced Microcontrollers with Arudino (NW-AMC 2015)"** organized by Dept. of ECE, JNTUK, Kakinada, on 23rd July, 2015 & 24th July, 2015.
6. [Mr.J. RavindraBabu](#), Associate Professor attended one day IEEE workshop on **"Understanding 5G: Perspectives on Future Technological Advancements in Wireless Communication"** organized at Potti Sriramulu Chaluvadi Mallikarjuna Rao College of Engg. and Technology, Vijayawada on 8th August, 2015.
7. [Mrs.T. Haritha](#), Associate Professor & [Mrs. K. Anitha](#), Associate Professor attended a two day workshop on **"Recent Research Techniques In Next Generation Wireless Technologies"** organized by Dept. of ECE, College of Engineering GUINDY, Anna University, Chennai on 21st August, 2015 and 22nd August, 2015.
8. The following faculty members attended a five day Faculty Development Programme on **"Advanced Digital Signal Processing and Applications (ADSP-A)"** at VRSEC, Vijayawada from 9th September, 2015 to 13th September 2015.
 - 1) [Mrs. T. Haritha](#), Associate Professor,
 - 2) [Mr. M. SrinivasaRao](#), Associate Professor,
 - 3) [Mrs. K. Anitha](#), Associate Professor,
 - 4) [Mrs. K. ArunaKumari](#), Sr. Assistant Professor,
 - 5) [Mr. B. Samuyelu](#), Sr. Assistant Professor
 - 6) [Ms. T. Sushma](#), Assistant Professor,
 - 7) [Mrs. D. Hareesha](#), Assistant Professor,
 - 8) [Mrs. B.V. Subbayamma](#), Assistant Professor,
 - 9) [Mrs. B. Swathi Lakshmi](#), Assistant Professor,
 - 10) [Mrs. V.S.D. Rekha](#), Assistant Professor,
 - 11) [Mrs. L. Madhavi Devi](#), Assistant Professor,
 - 12) [Mrs. D. PraveenaBai](#), Assistant Professor,
 - 13) [Ms. D. Swathi](#), Assistant Professor,
 - 14) [Ms. Ch. Sri Lakshmi](#), Assistant Professor

9. Mr. P. VenuMadhav, Assistant Professor, Mr. A. Ashok Babu, Assistant Professor attended a National Seminar on **"Intelligent Systems"** at KL University on 12th September, 2015.

10. The following faculty members attended a Guest lecture on **"Outcome Based Education"** at PVPSIT on 28th, September, 2015.

- 1) Dr. K. Ramanjaneyulu, Professor,
- 2) Dr. Y. Rama Krishna, Associate Professor,
- 3) Mr. M. SrinivasaRao, Associate Professor ,
- 4) Mr. B. Samuyelu, Sr. Assistant Professor,
- 5) Mrs. V. RatnaKumari, Assistant Professor,
- 6) Mrs. D. Hareesha, Assistant Professor,
- 7) Mrs. B.V. Subbayamma, Assistant Professor,
- 8) Mrs. V.S.D. Rekha, Assistant Professor,
- 9) Mrs. B. Swathi Lakshmi, Assistant Professor,
- 10) Mrs. D. PraveenaBai, Assistant Professor

Resource Person: Professor N. Siva Prasad,

Director, GITAM University, Hyderabad Campus.

11. The following faculty members attended a one week Faculty Development Programme on **"Industrial Automation"** under the National Mission on Education through ICT from 5th October 2015 to 9th October 2015 organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh at PVPSIT conducted by Mechanical Engineering.

- 1) Mr.J. RavindraBabu, Associate Professor,
- 2) Mrs.K ArunaKumari, Sr. Assistant Professor,
- 3) Mr.P. VenuMadhav, Assistant Professor,
- 4) Mr.N.S.S. Ganesh, Assistant Professor,
- 5) Mrs.V.S.D. Rekha, Assistant Professor,
- 6) Mrs.D. PraveenaBai, Assistant Professor,
- 7) Ms.Ch. Sri Lakshmi, Assistant Professor,
- 8) Ms.D. Swathi, Assistant Professor

12. The following faculty members attended “**A mind Training Programme**” organized by International Youth Fellowship of South Coreans at PVPSIT, on 18th December, 2015.

- 1) Dr.K.Ramanjaneyulu, Professor,
- 2) Dr. T.Haritha, Associate Professor,
- 3) Mrs.K.Anitha, Associate Professor,
- 4) Mrs.A.Geetha Devi, Associate Professor,
- 5) Mr. B.Surya Prasad, Associate Professor,
- 6) Mr. T.Balaji, Sr. Assistant Professor,
- 7) Ms.T.Sushma, Assistant Professor,
- 8)Mrs.V.ratnaKumari, Assistant Professor,
- 9)Mrs.D.Hareesha, Assistant Professor,
- 10)Mr. B.VinodNayak, Assistant Professor,
- 11)Mr. N.S.S.Ganesh, Assistant Professor,
- 12)Mrs.V.S.D.Rekha, Assistant Professor,
- 13)Ms.D.Swathi, Assistant Professor

13. Dr.Y.Ramakrishna, Associate Professor attended a one day Faculty Development Programme on “**Information Security -Elliptic Curve & Diffe Human Approach**” organized by Dept. of MCA, PVPSIT, on 19th December, 2015.

14. Dr.T.Haritha, Associate Professor, Mrs.K.Anitha, Associate Professor, Mrs.A.Geetha Devi, Associate Professor, Mr.B.Surya Prasad, Associate Professor attended a one day workshop on “**Engineering Education and Research**” conducted by National Instruments (NI-India) on 29th December, 2015.

FACULTY ACHIEVMENTS

1. Mrs. T. Haritha, Associate Professor, received **Doctor of Philosophy** from, GITAM University, Visakhapatnam on 13th October, 2015.

FACULTY CONTRIBUTION

1. Mrs.K.Anitha, Associate Professor, acted as a judge for National Level Technical Symposium EPISTMICON-2014 on 27th September, 2014 at Vijayawada.

2. **Mrs.V.S.D. Rekha**, Assistant Professor, acted as a Judge for JNTUK, Godavari Pushakaram District Level Competition at PVPSIT on 7th July, 2015 regarding Telugu Elocution and Essay writing.
3. **Dr. K. Ramanjaneyulu**, Professor participated in the round table conference of Vice Chancellor on Technical Universities on Innovations in Engineering Education with Global perspective – A Blended approach during 22nd September 2015 to 23rd September 2015 at JNTUK, Kakinada.

STUDENT ACHIEVEMENTS

1. **Ms. Susmitha Gogineni**, Reg. No.:11501A04A9 has been awarded Gold Medal (JNTUK) for having secured first among the students of B.Tech. Electronics & Communication Engineering in the University Examinations held during 2011-2015.
2. **Ms. Susmitha Gogineni**, Reg. No.:11501A04A9, Girl Topper in ECE and achieved over all topper award sponsored by K. Satya Prasad garu, JNTUK (on the name of Smt. Pushpavathi Gopala Krishnaiah Memorial Gold Medal).

INDUSTRIAL VISITS

1. II B.Tech. ECE students visited **“All India Radio”** at Nambur, Labbipet, Vijayawada on 30th July, 2015.

The following faculty members accompanied the students:

Mr. K. Phani Rama Krishna, Assistant Professor

Mr. A. Ashok Babu, Assistant Professor

Ms. Ch. Sri Lakshmi, Assistant Professor

2. II B.Tech. ECE students visited **SDSEC SHAR, Sriharikota** on 14th September, 2015 and 15th September, 2015.

The following faculty members accompanied the students:

Mr. B. Samuyelu, Sr. Assistant Professor,

Mrs. B. Swathi Lakshmi, Assistant Professor

Mr. G. Rambabu, Embedded Engineer.

3. **III B.Tech., ECE** students visited the following places from 9th December, 2015 to 15th December, 2015.

- a) I.I.Sc., Bangalore
- b) HAL Heritage Center and Aero Space Museum
- c) Mokshagundam Visveswaraya Museum
- d) Mysore
- e) Ooty Tea factory

The following faculty members accompanied the students:

Mr. J. RavindraBabu, Associate Professor,

Mr. B. Surya PrasadaRao, Associate Professor,

Mrs. L.Madhavi Devi, Assistant Professor

STUDENTS PARTICIPATION

1. **II & III B.Tech. ECE** students attended a Guest Lecture on **“Industry Trends in Embedded Systems and Network Communications”** on 3rd October, 2015.

Resource persons:

Mr. M. Chenna Kesava Reddy, MD Epiteme Soft Pvt. Ltd., Hyderabad.

2. **III B.Tech. ECE** students visited Old age home at Kanuru, Pedavutupally on 15th October, 2015 under IETE Students’ forum on behalf of Dr. APJ Abdul Kalam’s Birth. The following faculty members accompanied the students.

- 1) **Dr. P. Rajesh Kumar**, Professor & HOD.,
- 2) **Dr. T. Haritha**, Associate Professor
- 3) **Mrs. K. Anitha**, Associate Professor,
- 4) **Mr. B. Surya PrasadaRao**, Associate Professor,
- 5) **Mr. N.S.S. Ganesh**, Assistant Professor,
- 6) **Mr. G. Rambabu**, Embedded Engineer,
- 7) **Mrs. K. Vijaya Lakshmi**, Lab Technician,
- 8) **Ms. Lahari Ratnanjali**, Lab Technician

3. **III B.Tech. ECE** students visited and participated in Elocution & Painting Competitions held on 7th October, 2015 at Gandhi Hills, Vijayawada in collaboration with SHAR on behalf of **“International Space Day”**.

60 students visited the SHAR Exhibition and 15 students participated in competitions.

Mr. M.T.D.S. Phaneendra got 1st Prize in **Elocution**.

Topic: “Space Debris”



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Kanuru, Vijayawada- 520 007

Volume: 08

JANUARY : 2016

Faculty Incharge:

Mrs. D. Hareesha

Assistant professor

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1.WORKSHOPS, GUEST LECTURES & SEMINARS

CONDUCTED:

1. A two day workshop was conducted on **“NI-LABVIEW”** from 11th January, 2016 to 12th January, 2016.

Resource person: Mr. K. Suresh Kumar,

Sr. Assistant Engineer,

Trident Tech Labs Pvt. Ltd., Hyd.



Quotation:

“The Power of concentration is the only key to the treasure-house of Knowledge”

- Swami Vivekananda

2. A guest lecture was conducted on **“Embedded Systems”** on 30th of January, 2016

Resource person: Professor N. Balaji,

JNTU Vijayanagaram, Vijayanagaram



3. A guest lecture was conducted on **“Recent Trends in Microwave Engineering”** on 20th February, 2016.

Resource person: Dr. P.V.D. Soma Sekhar Rao,

Retired Prof., JNTUH, Hyderabad.



4. A Two-Day Training Program was conducted on **“Overview of Latest Technologies in Telecommunications”** from 29th February, 2016 to 3rd March, 2016 for 3rd B.Tech. ECE Students.

Resource Persons: (BSNL Staff)

- a. **Sri. P. Visweswara Rao**, Sr. SDE (STR MUX)
- b. **Sri. P. Ravi Kumar**, Sr. SDE (GSM)
- c. **Sri. T. Uma Maheswar Rao**, Sr. SDE (Internet)
- d. **Smt. K. Swarmalatha**, JTO (B.B)
- e. **Sri. Sodhan**, JTO (N.B)

- f. **Sri. T. Rama Krishna**, JTO (GSM)
- g. **Sri. R.V. Vijaya Kumar**, Sr., SDE (SWG)
- h. **Smt. Shilaja**, SDE (WLICDMA)
- i. **Sri. D. SrinivasaRao**, JTO (Trg.)
- j. **Sri. V. Yedukondalu**, JTO(Trg.)



5. A Two Day Workshop was conducted on **“Advances in Mathematical Models for Image Processing”** on 4th March, 2016 & 5th March, 2016.

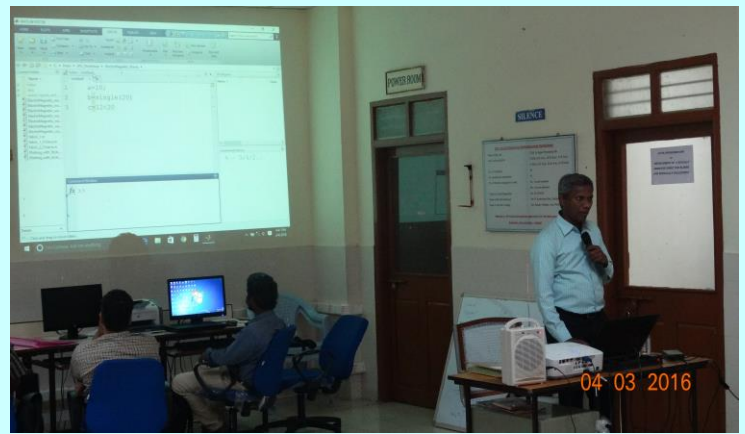
Resource persons:

1. **Professor S. Srinivas Kumar**, Director (R & D), JNTUK, Kakinada
2. **Dr. C. S. Sastry**,
Associate Professor, Dept. of Mathematics, IIT Hyderabad
3. **Mr. J. PremKumar**,
Senior Application Engineer,
Capricot Technologies Pvt. Ltd., Hyderabad

Coordinator: **Dr. K. Ramanjaneyulu**, Professor

Co-Coordinators: **Mrs. K. Anitha**, Associate Professor
Mrs. A. Geetha Devi, Associate Professor
Mr. B. Surya Prasada Rao, Associate Professor

Organizing committee: **Mr. B. Samuyelu**, Sr. Assistant Professor
Mr. T. Balaji, Sr. Assistant Professor
Ms. T. Sushma, Assistant Professor
Mrs. V. RatnaKumari, Assistant Professor
Mrs. D. Hareesha, Assistant Professor



6. A guest lecture was conducted on **“Advances in Image Processing”** for III Year ECE Students on 4th March, 2016.

Resource Persons: **Professor S. Srinivas Kumar,**
Director (R & D), JNTUK, Kakinada.



7. A guest lecture was conducted on **“Microwave Integrated circuits”** for II B.Tech. and I M.Tech. students on 16th April, 2016.

Resource Person: Professor N.V.S.N. Sarma,
Dept. of ECE, NIT Warangal.

8. **PVPSIT-ISF Meet** was organized on 11th March, 2016 and various events like Ideoz, Jam, Circuitrix etc., and giving life to pic were conducted at Intra college level. Students of ECE, EEE & ECM had participated

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

Co-ordinators for Events:

Ideoz: **Mr. J.RavindraBabu,** Associate Professor

Jam: **Mrs L. Madhavi Devi,** Assistant Professor

Circuitrix: **Dr.Y.Rama Krishna,** Associate Professor

Mr.B.VinodNaik, Assistant Professor

Giving life topic: **Mrs. K. ArunaKumari,** Sr. Assistant Professor

Ms. Ch. Sri Lakshmi, Assistant Professor

Judges for Events:

Ideoz: **Dr.K. Ramanjaneyulu,** Professor

Jam: **Dr. C. Subba Rao,** Professor

Circuitrix: **Mr. M. SrinivasaRao,** Associate Professor

Giving life topic: **Mrs. K. Anitha,** Associate Professor,

Mr. Md. Habibulla, Sr. Assistant Professor

Discipline Committee for Events:

Ideoz: **Mr. B. Surya Prasada Rao,** Associate Professor

Mr.N.S.S.Ganesh, Assistant Professor

Jam: **Mrs. A. Geetha Devi,** Associate Professor

Mr. B. Samuyelu, Sr. Assistant Professor

Circuitrix: **Dr.Ch.Gangadhar,** Associate Professor

Ms. T. Sushma, Assistant Professor

Giving life to pic: **Mr. Md. Habibulla,** Sr. Assistant Professor

Mrs.B.Swathi Lakshmi, Assistant Professor

Mr. K.P.Rama Krishna, Assistant Professor



9. **Project Poster presentation** was conducted for 4th ECE students on 31st March, 2016 under IETE Students' Forum.

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



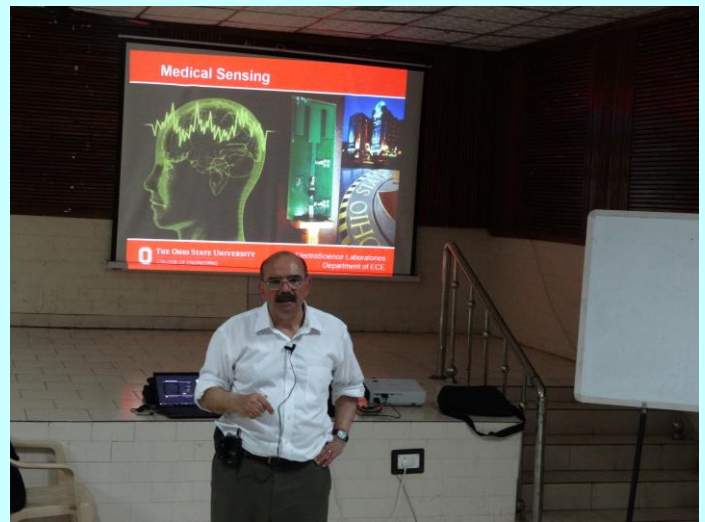
10. All the faculty members of **Circuits and Systems** research group organized a Technical Symposium on **“Internet of Things”** on 14th March, 2016.

Resource Person: Mr. S. BhavaniSankar, Technical Manager & Team
Efftronics Systems Pvt. LTd., Vijayawada.



11. A guest Lecture was conducted on **“Overview on Research Activities of Ohio State University And Admission Process The University”** for II & IV B.Tech. students on 11th June, 2016

Resource Person: **Prof. John L. Volakis,**
Director Electro Science Laboratory,
Ohio State University, Columbus, USA



2.PAPER PRESENTATIONS/PUBLICATIONS BY THE FACULTY

- i. **Mr. B. Surya Prasada Rao**, Associate Professor presented a paper entitled **“Contrast Enhancement of low dose CT scan images”** in springer International conference conducted by Noarul Islam college of Higher Education, Kumaracoil, Tamilnadu on 19th February, 2016.
- ii. **Dr. K. Ramanjaneyulu**, Professor presented a paper entitled **“A Robust and Oblivious water marking method using wavelet transform and genetic algorithm”** in International conference on advances in Engineering Research (ICAER)-2016, Chennai on 21st February, 2016 organized by IAETSD.
- iii. **Mr. B. Surya Prasada Rao**, Associate Professor & **Dr P.Rajesh Kumar**, Professor & HoD presented a paper entitled **“An exposure towards performance of Image Fusion Strategies”** at IEEE sponsored 3rd International Conference on Innovations in Information, Embedded & Communication Systems (ICIIECS- 16) on 17th March, 2016 at Karpagam College of Engineering, Coimbatore.
- iv. **Dr. C. Subba Rao**, Professor presented a paper entitled **“Design of wide band octagonal monopole antenna”** in proceedings of International conference on Research Advances in

Electrical, Electronics and Communication-2016 on 19th March, 2016 at St. Anns College of Engg. & Technology, Chirala.

- v. **Dr. K. Ramanjaneyulu**, Professor presented a paper entitled **“A Oblivious & Robust Image water marking algorithm using Singular Value De-composition transformation”** at ICRAEEC-2016 on 19th March, 2016 at St. Anns College of Engg. & Technology, Chirala.
- i. **Dr. K. Ramanjaneyulu**, Professor, et. al published a paper entitled **“A Robust and Oblivious water marking method using wavelet transform and genetic algorithm”** in International journal of Engineering & Computer Science Volume: 5, issued to ISSN: 2319-7242.
- ii. **Dr. K. Ramanjaneyulu**, Professor et al., published a paper entitled **“An oblivious and Robust Watermarking Algorithm using SVD Transformation”**, in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol.4, Issue.4, April 2016.

3.WORKSHOPS/SEMINARS/FACULTY DEVELOPMENT PROGRAMS WORKSHOPS/ ATTENDED BY THE FACULTY

- i. **Mr. J.Ravindrababu**, Associate Professor, attended a Faculty Development Programme on **“Signal Processing for Communications”** organized by the Electronics & ICT Academy & Dept. of ECE, NIT, Warangal, from 4th January, 2016 to 8th January, 2016.
- ii. The following faculty members attended **“A MATLAB Seminar”** organized by Mathworks at The Gateway Hotel on 5th February, 2016.

Dr P. Rajesh Kumar, HOD & Professor

Mr. M. SrinivasaRao, Associate Professor

Dr.Y.Ramakrishna, Associate Professor

Ms.T.Sushma, Assistant Professor

Mrs.V.RatnaKumari, Assistant Professor

Mrs. D. Hareesha, Assistant Professor

Mrs.B.V.Subbayamma, Assistant Professor

Mrs.L.Madhavi Devi, Assistant Professor

iii. Faculty members attended one week Short Term Course on **“Introduction to Embedded Systems”** from 8thFebruary, 2016 to 12thFebruary, 2016 organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh at PVPSIT conducted by Electronics & Communication Engineering.

iv. The following faculty members attended a one week Short Term Course on **“Mobile Computing”** from 15thFebruary, 2016 to 19thFebruary, 2016 organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh at PVPSIT.

Mr. M. Srinivasa Rao, Associate Professor

Dr. T. Haritha, Associate Professor

Mr. J. RavindraBabu, Associate Professor

Dr. Ch. Gangadhar, Associate Professor

Mr. Md. Habibulla, Sr. Assistant Professor

v. The following faculty members attended a one week Short Term Course on **“Soft Computing”** from 15thFebruary, 2016 to 19thFebruary, 2016 organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh at PVPSIT.

Dr.K. Ramanjaneyulu, Professor

Mrs. A. Geetha Devi, Associate Professor

Mrs. L. Madhavi Devi, Assistant Professor

vi. **Mr. J. Ravindra Babu**, Associate Professor attended 8 weeks’ workshop on Course Study on **“Educational Technology for Engineering Teachers”** conducted by IIT, Bombay from 7th January, 2016 to 7th March, 2016.

vii. The following faculty members attended a one day workshop on **“Personality Development”** conducted by faculty of English, Freshmen Engg. Dept., PVPSIT on 3rdMarch, 2016.

Dr. C. Subba Rao, Professor

Dr. T. Haritha, Associate Professor

Mrs. A. Geetha Devi, Associate Professor

Mrs. K. ArunaKumari, Sr. Assistant Professor

Ms. T. Sushma, Assistant Professor

Mrs. V.S.D. Rekha, Assistant Professor

- viii. **Mr. Md. Habibulla**, Sr. Assistant Professor, **Ms. T. Sushma**, Assistant Professor attended one week short term training course on “**Web based Content Generation**” through ICT by NITTTR, Chandigarh from 28th March, 2016 to 1st April, 2016 at PVPSIT.
- ix. **Mr. T.Balaji**, Sr. Assistant Professor, attended a **2 day e-Yantra Symposium** at IIT Bombay on 11th April, 2016 & 12th April, 2016.
- x. **Mr. T.Balaji**, Sr. Assistant Professor, & **Mrs.T.Mahalakshmi**, Assistant Professor, attended a 3 day workshop on “**Sensors, Attenuators & Transducer**” conducted by Dept. Of EEE, PVPSIT from 26th April, 2016 to 28th April, 2016.
- xi. **Mrs. B. Swathi Lakshmi**, Assistant Professor, attended an Industrial training at Efftronics Pvt. Ltd., Vijayawada from 6th June, 2016 to 5th July, 2016.

4.FACULTY ACHIEVEMENTS

Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards):

- i. Under the guidance of **Dr. P. Rajesh Kumar**, Professor & HOD., **Mr. M. C. Chinnaiah** received **Doctor of Philosophy (Ph.D)** from JNTUH, Hyderabad on 24th March, 2016.
- ii. **Mrs A.Geetha Devi**, Associate Professor, received **Doctor of Philosophy(Ph.D)** from JNTUH, Hyderabad, on 26th April, 2016.

5.FACULTY CONTRIBUTION

Faculty acted as Judges/Resource Persons:

- i. **Dr. K. Ramanjaneyulu**, Professor acted as a judge for Project Expo conducted as part of Techfest, ATM2K16 at St. Mary’s Group of Institutions, Guntur, on 23rd January, 2016.
- ii. **Dr. K. Ramanjaneyulu**, Professor acted as a Chief Guest for the IETE student Forum inaugural function at St. Mary’s Group of Institutions, Guntur, on 23rd January, 2016.

- iii. **Mrs. K.ArunaKumari**, Sr. Assistant Professor, **Ms.Ch.Srilakshmi**, Assistant Professor, Co-ordinated the seminar on **“Personality Development” & “Time Management”** conducted by ISTE Chapter on 23rd January, 2016.
- iv. **Mr. HabibullaMd**, Sr. Assistant Professor, played in College level faculty cricket conducted by JKC in association with CHANDU SILVER CUP from 29th January, 2016 to 30th January, 2016.
- v. **Dr. K. Ramanjaneyulu, Professor** acted as a judge for poster presentation in Science Expo organized by FED-PVPSIT on 1st February, 2016.
- vi. **Dr. K. Ramanjaneyulu**, Professor organized IETE Students Day at CR Reddy Engineering College, Eluru on 1st February, 2016.
- vii. **Dr. K. Ramanjaneyulu**, Professor acted as a judge for paper presentation contest and working model exhibition as a part of AFOSEC-2016, organized by EIE Department, VRSEC on 5th February, 2016.
- viii. The following faculty members acted as judges for paper presentation contest conducted as a part of EFOSEC – 2016 At VRSEC, Vijayawada on 5th February, 2016.
 - i. **Dr. K. Ramanjaneyulu**, Professor
 - ii. **Dr. Ch. Gangadhar**, Associate Professor
 - iii. **Mr. B. Surya PrasadaRao**, Associate Professor
 - iv. **Mr. Md. Habibulla**, Sr. Asst. Professor
 - v. **Mr. N.S.S. Ganesh**, Assistant Professor
- ix. **Dr. C. SubbaRao**, Professor Judge in Technical Symposium at RVR &JC College of Engg. Guntur on 11th February, 2016.
- x. **Dr. K. Ramanjaneyulu**, Professor acted as a speaker and reviewer at International Conference on advances in Engineering Research held on 21st February, 2016 Hotel Chennai Gateway, Chennai.
- xi. **Dr. T. Haritha**, Associate Professor acted as judge for Paper Presentation Contest at **Dhanekula Institute of Technology** on 26th February, 2016.

- xii. **Dr. K. Ramanjaneyulu**, Professor acted as judge for Paper Presentation Contest at Chalapathi Institute of Engineering & Technology, State Level Symposium NOVUM-2K16, conducted by ECE Department on 26th February, 2016.
- xiii. **Dr.K. Ramanjaneyulu**, Professor acted as a chief guest for the inauguration of IETE Students' Forum and gave a seminar on Water Marking techniques using Genetic Algorithm on 15th March, 2016 at MIC college of Technology, Kanchikacharla.
- xiv. **Mr. B. Surya Prasada Rao**, Associate Professor acted as a judge for Technical Paper Presentation and Project competition at Sarathi Fest-2k16 conducted by Sri Sarathi Institute of Technology, Nuzvidu on 18th March, 2016.
- xv. **Dr. K. Ramanjaneyulu**, Professor attended as chief guest for IETE student's forum inaugural function on 25th March, 2016 at PACE Institute of Technology and Sciences.
- xvi. **Dr. P. Rajesh Kumar**, Professor & HOD., delivered an expert lecture on **"Image Processing for Robotic Task"** on **"Advances in Image Processing"** FDP at VVIT, Guntur, on 24th June, 2016.
- xvii. **Dr. P. Rajesh Kumar, Professor & HOD., & Mr. N.S.S. Ganesh**, Assistant Professor, delivered an expert talk on **"Make your own Robo"** at VVIT, Guntur, on 24th June, 2016.

Consultancy:

- i. **Mr. N.S.S. Ganesh**, Assistant Professor, **Mr. B. Vinod Naik**, Assistant Professor, **Mr. G. Rambabu**, Embedded Engineer & two students of final year B. Tech(ECE) (Mr. D. Ravi Teja, Mr. B.R.K. Pradeep) have developed a **'Wireless Weightlifting Judgment System'** for Acharya Nagarjuna University to conduct inter university weightlifting competitions from 1st January, 2016 to 14th January, 2016.

6.STUDENT ACHIEVEMENTS

a) Summer Internship for 2016:

- i. IV B.Tech. ECE students **Mr. K. Ashok**, Roll No:13501A0450, **Mr. K. Gopinadh**, Roll No:13501A0451 went for Summer Internship at MNIT, Allahabad from 10.05.2016 to 24.06.2016.

- ii. IV B.Tech. ECE student **Mr. Mohammad Nasreen, Roll No:14501A0468, Ms. P. Likhitha, Roll No:14501A0486** went for Summer Internship at South Central Railways,(WWO)Vijayawada.
- iii. IV B.Tech. ECE students **Mr. P. Chaitanya, Roll No: 13501A0492, Mr. S. Dinesh, Roll No:13501A0498, Mr. M. Phani Surya, Roll No: 13501A047, Mr. M. Srinivas Roll No: 13501A0475** went for Summer Internship at South Central Railways, Vijayawada.
- iv. IV B.Tech. ECE students **Ms. N. Susmitha, Roll No:13501A0482, Ms. Md. Reshma Kousar, Roll No:13501A0469** went for Summer Internship at South Central Railways, Vijayawada. (study on “Signals and Telecommunication”).
- v. IV B.Tech. ECE students **Ms. Y. Pravallika, Roll No:13501A0489, Ms. Y. Sanjana, Roll No:13501A04B4** went for Summer Internship to INCAP, Gannavaram.
- vi. IV B.Tech. ECE student **Mr. Kotipalli. Hema Chandu, Roll No:13501A0454** went for IIT, Gowhathi (study on Mobile Communication).
- vii. IV B.Tech. ECE student **Ms. K. Sravani, Roll No:13501A0453** went for Summer Internship at IIT, Hyderabad from 6.6.2016 to 15.07.2016.
- viii. IV B.Tech. ECE student **Ms. K. Amulya, Roll No:13501A0438** went for Summer Internship at IIT, Hyderabad from 15.5.2016 to 15.07.2016.
- ix. IV B.Tech. ECE student **Ms. Ch. Thanuja, Roll No:13501A0411** went for Summer Internship at IIT, Hyderabad from 15.5.2016 to 15.07.2016.
- x. IV B.Tech. ECE student **Mr. K. Ajay, Roll No:13501A0429** went for Summer Internship at IIT, Bombay to study on “**Autonomous and Semi-Autonomous Robots**” from 6.6.2016 to 10.07.2016.
- xi. IV B.Tech. ECE student **Ms. K. Nikhitha, Roll No:13501A0430** went for Summer Internship at IIT, Hyderabad from 15.5.2016 to 15.07.2016.

xii. IV B.Tech. ECE student **Mr. M.T.D.S. Phaneendra**, Roll No: **13501A04A2** went for Summer Internship at IIT, Hyderabad from 09.5.2016 to 09.07.2016

b) Presentation/Participation in Seminars/Conferences/Workshops:

i. 9 student members of IV year went to SHAR, **Sriharikota** to present their selected paper.

Faculty member accompanied the students:

Mr. P. Venumadhav, Assistant Professor

With Prizes

S.no	Reg. No.	Name of the Student	Year of study	Name of the Institute	Paper/poster /Project contest details (Held on)	Title of the paper /project	Prize
1	12501A0497	S.Shanmukh	IV	Usha Rama College of Engg. & Technology, Telaprolu	YoURFEST-2016,19 th Feb, 2016	Tangible Holography	I
2	12501A0455 13501A0407 13501A04A1	S.Sai chand B.Vanaja S.Anusha	IV III III	Gudlavalleru Engineering college, Gudavallaru	YODHA, 2 nd Feb, 2016	IOT based patient heart beat monitoring system(Project)	I
3	13501A04A9 13501A04A2	V.Vamsi Krishna M.T.D.S.Phanindra	III	SRKR College of Engineering, Bhimavaram	Mar'2016	Internet of Things	I
4	13501A04A9 13501A04A2	V.Vamsi Krishna M.T.D.S.Phanindra	III	Sarathi Institute of Technology, Nuzivid	Mar'2016	Internet of Things	I
5	13501A0499 13501A04A9	Sk.Abdul Sharuk V.Vamsi Krishna	III	Usha Rama College of Engg. & Technology Telaprolu	Mar'2016	Technical Quiz	II
6	13501A04B2	Y.Sarath	III	DIET, Ganguru, Krishna (Dist.)	Mar'2016	War Robot (Project)	II
7	13501A0492 13501A0498	P.Chaitanya S.Dinesh	III	DIET, Ganguru, Krishna (Dist.)	Mar'2016	Inter Vehicular Communication	II

8	13501A0492 13501A0498	P.Chaitanya S.Dinesh	III	MVR College of Engg., Paritala	Mar'2016	Technical Quiz	I
9	13501A0476 13501A0475	M.H.S.Dinesh M.Srinivas	III	SRK College of Engineering, Enikepadu, Krishna	Mar'2016	Nano Technology	I
10	13501A0476 13501A0492	M.H.S.Dinesh P.Chaitanya	III	SRK College of Engineering, Enikepadu, Krishna	Mar'2016	Technical Quiz	II
11	13501A0487	P.B.Siddhartha	III	Vishnu Engg. College, Bhimavaram	Valant-2K1628 th & 29 th Feb'2016	Giving machines brain	I
12	13501A0488 13501A04A6	P.Bhargavi V.Tanmayi	III	Srk Institute Of Engineering And Technology	Explorers Meet - 2k16, 11-Mar -16	E-WASTE	1
13	14505A0409	K.Sai Krishna	III	SIR C.R .Reddy College Of Engineering	National Level Fest 4 Mar 16	Sixth Sense Technology	I

Without Prizes

S.no	Reg. No.	Name of the Student	Year of study	Name of the Institute	Paper/poster /Project contest details (Held on)	Title of the paper /project
1	13501A0465 13501A04A7	M.Sirisha V.Sowjanya	III	Bapatla College of engineering	Bectagon-2k16,11 March ,2016	Internet of Things
2	13501A0484	O.Anatha Ruchira	III	R.V.R&J.C College of Engineering	Aristoz 2k16,11-Feb-16	Piezoeletric Tranceducers

3	13501A0484 13501A04B3 13501A04A0	O.Anatha Ruchira Y.Naga Jyothirmai Sheik.Sana Muskaan	III	SRK Institute of Engineering and Technology	Explorers Meet - 2k16,11-Mar -16	Dtmf Based Mobile Controlled Robot(Poster)
4	13501A04B1	Y.Sai Deepika	III	SRK Institute of engineering and Technology	EXPLORERS MEET - 2K16,11-MAR -16	E-Waste(Poster)
5	13501A04B1 13501A04A0	Y.Sai Deepika Sheik.Sana Muskaan	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-MAR -16	Inter Vehicular Communication
6	13501A0488 13501A04A6	P.Bhargavi V.Tanmayi	III	MVR College of Engineering and Technology	TECHNOTSAV-2K16, 4 MAR 16	Gi-Fi(Poster)
7	13501A0488 13501A04A6	P.Bhargavi V.Tanmayi	III	MVR College of Engineering and Technology	TECHNOTSAV-2K16, 4 MAR 16	E-WASTE
8	13501A0488 13501A04A6	P.Bhargavi V.Tanmayi	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-MAR -16	Haptic Technology
9	13501A04B4 13501A0489	Y.Sanjana Y.Pravallika	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-	Internet Of Things (Poster)
10	13501A04B4 13501A0489	Y.Sanjana Y.Pravallika	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-	E-Waste
11	13501A04B4	Y.Sanjana	III	MVR College of Engineering and	TECHNOTSAV-2K16, 4	Internet Of Things

	13501A0489	Y.Pravallika		Technology	MAR 16	(Poster)
12	13501A04B4 13501A0489	Y.Sanjana Y.Pravallika	III	MVR College of Engineering and Technology	TECHNOTSAV-2K16, MAR 16	4 Haptic Technology
13	13501A0497 13501A0494	S.Haneesha S.Roja	III	SRKR ENGINEERING COLLEGE	TRANCE 2K16, 28-JAN 16	Piezoelectric Transducers
14	13501A0497 13501A04A3	S.Haneesha T.Swathi	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-MAR 16	Mems Technology(Poster)
15	13501A0497 13501A0494	S.Haneesha K.Roja	III	SRKR Engineering College	TRANCE 2K16, 28-JAN 16	Piezoelectric Transducers(Poster)
16	13501A0497 13501A04A3	S.Haneesha T.Swathi	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-	Zig Bee Technology
17	12501A0424 13501A04A5	D.Sravanthi V.Naga Sai Vineela	III	Dhanekula College	DHANUSH 2K16, 26 FEB 16	Haptic Technology(Poster)
18	13501A04A8	V.Himaja	III	Dhanekula College	DHANUSH 2K16, 26 FEB 16	Silent Sound Technology(Poster)
19	13501A0494	K.Roja	III	Usha Rama College of Engineering	YOUR FEST, 19 FEB 16	Lifi Technology
20	13501A04B2	Y.Sarath Chand	III	MVR College of Engineering and Technology	TECHNOTSAV-2K16, MAR 16	4 Internet Of Things
21	13501A04B2	Y.Sarath Chand	III	MVR College of Engineering and	TECHNOTSAV-2K16	E Waste (Poster)

	13501A04B0			Technology	4 MAR 16	
22	13501A0463 13501A0482	M.Manjusha N.Sushmita	III	Usha Rama College of Engineering and Technology	YOUR FEST 19 FEB 16	Zigbee Home Automation
23	13501A0469	Md.Reshma Kousar	III	Usha Rama College of Engineering and Technology	YOUR FEST 19 FEB 16	Aurdino
24	14505A0418	P.Madhavi	III	Bapatla Engineering College	BECTAGON 2K16, 11 MARCH	Lifi Technology
25	13501A0471	M.Venkata Sai Preetham	III	SRK Institute of Engineering and Technology	EXPLORERS MEET - 2K16,11-MAR 16	Gi-Fi(Poster)

7.INDUTRIAL VISITS

- i. **III B.Tech., ECE** students visited BSNL, Vijayawada on 2nd March, 2016.

The following faculty members accompanied the students:

Mr. M.SrinivasaRao, Associate Professor

Mr. K. Phani Rama Krishna, Assistant Professor

Mrs. L.Madhavi Devi, Assistant Professor

Mrs. D. HimaBindu, Lab Technician