



## ACADEMIC PARTNERS:





## VISION

To be among the Top 20 Private Engineering Institutes in India by 2020

## MISSION

- Design and implement curriculum that equips students with professional and life skills
- Recruit, develop and retain outstanding faculty to achieve academic excellence
- Promote and undertake quality research in thrust areas of Science and Technology
- Collaborate with industry and academia to meet the changing needs of society
- Foster innovation and cultivate the spirit of entrepreneurship among students

## Editorial Board of Newsletter

Name of the Faculty	Name of the Student	Role
Dr. Syed Musthak ahmed	--	Coordinator
Ms. G. Renuka	G. Bhargav	Member, ECE
Mr. V. Thirupathi	Sofia	Member, CSE
Mr. A. Siva Krishna	G Rohit kalyan	Member, CE
Mr. L. Radha Krishna	Srinath	Member, ME
Ms. B. Satyavani	Goutham	Member, EEE
Dr. P.V. Raja Shekar	S.kandhaswamy	Member, HSc
Ms. M. Rajya Laxmi	Selam punnam chander	Member, MBA

## SR Educational Society

The following institutions are functioning successfully under  
SR Educational Society

SR Engineering College  
Sumathi Reddy Institute of Technology for Women  
SR International Institute of Technology  
SR Degree & PG Colleges  
SR Junior Colleges  
Sparkrill International School  
SR Digi Schools

These institutions are spread across Hyderabad, Warangal, Vizag,  
Karimnagar, Nizambad, Siddipet, Adhilabad, Khammam & Miryalaguda.

## PERSONS KEY ROLE AT SREC



Dr. V. Mahesh  
Principal



Dr. Syed Musthak Ahmed  
Dean (Academics)



Dr. R. Archana Reddy  
Dean (Student Welfare)



Mr. K.V.B.S.R. Subramanyam  
Head (EEE)



Dr. C. V. Guru Rao  
Head (CSE)



Dr. G. V. Praveen  
Dean (Administration)



Dr. N. Suman Kumar  
Head (MBA)



Mr. P. Venkat Reddy  
Head (Civil)



Dr. P. Venkata Ramana Rao  
Head (H&Sc)



Mr. M. Sampath Reddy  
Head (ECE)



Mr. B. Satish Kumar  
Head (ME)

## MESSAGE

Education is an important tool that is applied in the contemporary world to succeed, as it mitigates the challenges which are faced in life. The knowledge gained through education enables individuals' potential to be optimally utilized owing to training of the human mind.

Education has enabled societies to prosper both socially and economically by enabling them to develop common culture and values.

We at SR are striving to produce graduates to possess relevant educational skills that nurture their passions, problem-solving abilities, and higher level thinking skills, including critical thinking and creativity.



Sri. A. Varadhar Reddy  
Chairman  
S R Educational Academy

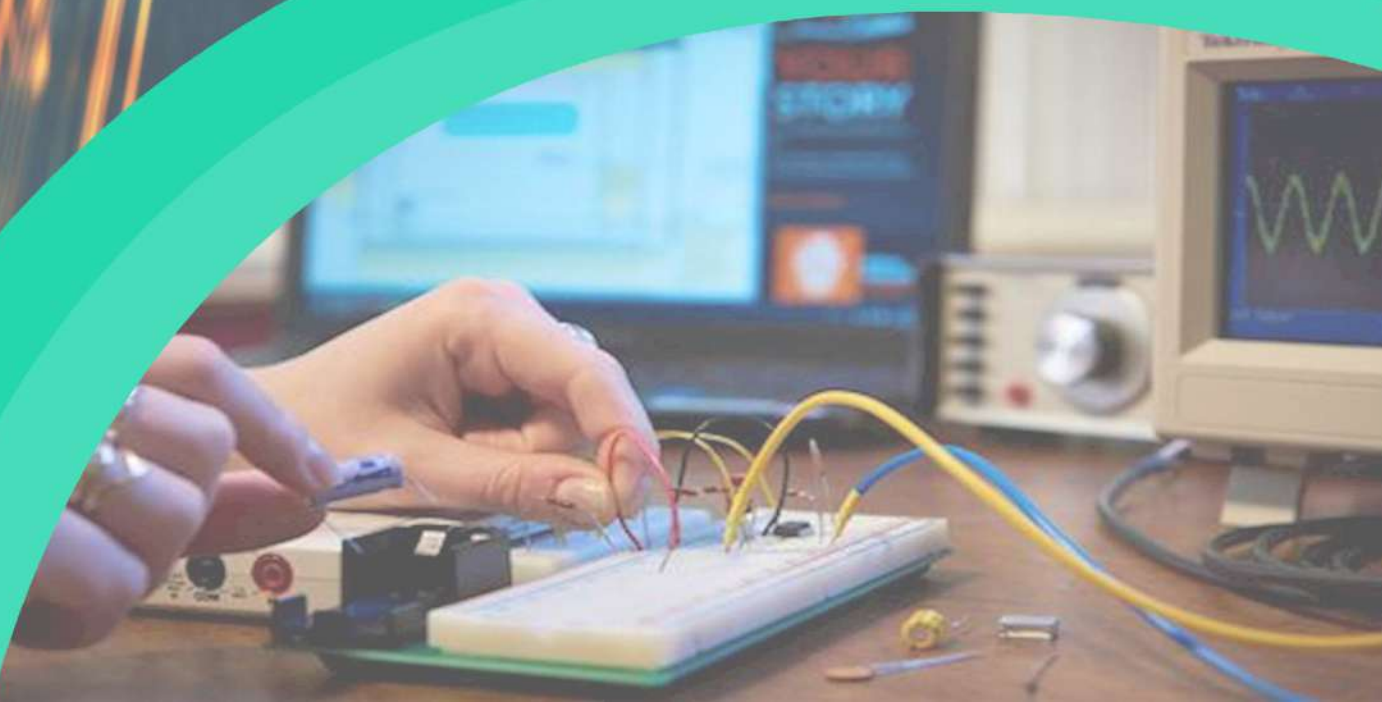


Sri. A. Madhukar Reddy  
Secretary  
S R Engineering College

The S R Education Academy is established to provide quality education and produce such graduates who can serve the country at large and to meet the demands of the Society. Presently, it is running five Under Graduate Programmes - ECE, EEE, ME, CE and CSE and eight PG Programmes - M.Tech (ES), M.Tech (EDT), M.Tech (PE), M.Tech (PE & ES), M.Tech (CSE), M.Tech (SE), M.Tech (AMS) and MBA.



# Electrical and Electronics Engineering





# Sparkrill'16



## Electrical and Electronics Engineering

### VISION

To develop globally competent electrical and electronics engineers

### MISSION

- ❖ Provide comprehensive value based electrical and electronics engineering education to meet the needs of the society
- ❖ Train the students in emerging technologies by the faculty with the help of industrial collaborations
- ❖ Promote research and consultancy activities in core domain to solve real-world electrical and electronics engineering problems
- ❖ Develop technology entrepreneurship skills among students



### Conferences/Seminars/workshops/FDPs Conducted:

- ❖ An Awareness program on “High Engineering Conservation Competition in Schools and Colleges” delivered by Dr. B. Suresh Lal, NSS P.O, KU, Dr. Manthri Lingamuthy, District Governor, Alliance Club, Warangal held on 26th Aug, 2015
- ❖ A Guest Lecture on “Careers for engineering graduates” delivered by Dr. E. Muneender, Deputy Director for career and counseling cell at Kakatiya University (K.U) held on 26th Aug, 2015
- ❖ An Expert lecture on “Role of Power Electronics In industrial Drives” delivered by Mr. Gadadasu Raju, Asst. Manager, R&D, Medha Servo Systems, Hyderabad held on 9th Sep, 2015



- ❖ A Guest Lecture on “Maintenance of Power Transformers” delivered by Mr. Raju Naik, ADE, CTPI, Hyderabad held on 8th Feb, 2016.
- ❖ A Guest Lecture on “Power Plant Operation and Maintenance” delivered by Mr. K. Ranjit, Asst. Manager, Nava Bharat Energy India Ltd., Paloncha on 15th Mar, 2016.
- ❖ A Faculty Development Program on “Leveraging Technology for Effective Teaching & Learning” delivered by Dr. Yogesh Shankar, Consultant held on 10th May, 2016.

### Faculty Publications Journals

- ❖ A.Sharth Kumar, A.V.V.Sudhakar, “Operation and Control Strategies for a Grid Integrated PV-FC Hybrid Power System”, Advanced Research and Innovative Ideas in Education, 1(4), 2015, pp. 150-158.
- ❖ Sudhakar AVV, Chandram K. and Jaya Laxmi A., “Bidding Strategy in Deregulated Power Market Using Differential Evolution Algorithm”, Journal of Power and Energy Engineering, Nov. 2015, Vol. 3, pp.37-46. DOI: 10.4236/jpee.2015.311004
- ❖ Sudhakar AVV, Chandram K. and Jaya Laxmi A., “Multi Area Economic Dispatch with Tie Line Loss using  $\lambda$ - concept and Tie Line Matrix” IEEE Recent Advances in Intelligent Computational Systems (RAICS), 10-12 Dec., 2015, Trivandrum, pp. 352-357. DOI: 10.1109/RAICS.2015.7488441.



#### • 8th SR Staff Champions Trophy

The Inter Engineering Collegiate Staff (T-20) Cricket Tournament was held between 14th Feb to 20th Mar 2016.

#### • Students Achievements in Sports :

**Winners of Cricket Tournament** conducted by Naipuniya Sports Fest 2015, Inter Engineering Collegiate Zonal Tournament at Vaagdevi College of Engineering from 21st to 30th Sept, 2015.

**Runners of Table Tennis Game** conducted by Naipuniya Sports Fest 2015, Inter Engineering Collegiate Zonal Tournament at Vaagdevi College of Engineering from 21st to 30th Sept, 2015.

**Winners of Chess Game** conducted by Naipuniya Sports Fest 2015, Inter Engineering Collegiate Zonal Tournament at Vaagdevi College of Engineering from 21st to 30th Sept, 2015.

**Runners of Carroms Game** conducted by Naipuniya Sports Fest 2015, Inter Engineering Collegiate Zonal Tournament at Vaagdevi College of Engineering from 21st to 30th Sept, 2015.

**Winners of Throw Ball Game** conducted by Naipuniya Sports Fest 2015, Inter Engineering Collegiate Zonal Tournament at Vaagdevi College of Engineering from 21st to 30th Sept, 2015.





#### • SR Group of Institutions Staff Tournament

SR Group of Institutions Staff Tournament was held between 23th Nov to 28th Nov, 2015. the various events held for the faculty were Cricket, Volley Ball, Badminton, Throwball, Carroms



- ❖ P. Agaiah, A.V.V.Sudhakar, "Improved Boost Chopper Converter For AC Photovoltaic Module Application", Research in Eletrical, Electronics and Instrumentation Engg., 4(11), Nov. 2015, 2370-3765.
- ❖ N.Vyshnavi, KBVSR Subrahmanyam, "Model Reference Adaptive Control for Maximum Power Point Tracking in PV Systems", Computer Science and Electronics Engineering, 1(5), 2015, pp. 556-568.
- ❖ M. Sravan Kumar, M. Mounika, L. RamyaPavani, E. Ranadeep, B. Siddhartha, KBVSR Subrahmanyam, "GSM Based Industrial Security System", International Journal Of Current Engineering And Scientific Research (Ijcesr), Issn (Print): 2393-8374, (Online): 2394-0697, Volume-2, Issue-5, 2015.
- ❖ J. Veena, G. Srivani, Afreen, M. Sunil Kumar, J. Santosh, KBVSR Subrahmanyam, "Electric Lineman protection using User Changeable Password Based Circuit Breaker", International Journal Of Current Engineering And Scientific Research (Ijcesr), Issn (Print): 2393-8374, (Online): 2394-0697, Volume-2, Issue-5, 2015.
- ❖ Donakonda Benny, KBVSR Subrahmanyam, "Power Quality Improvement of a Grid Connected Wind Energy System Using STATCOM-Control", Advanced Research and Innovative Ideas in Education, 1(4), 2015, pp. 315-323.
- ❖ M.Chinmai, K.B.V.S.R. Subrahmanyam, "Reduced Rating Dynamic Voltage Restorer Controlling with Energy Optimized", International Journal of Advanced Research and Innovative Ideas in Education, 1(5), 2015, pp. 897-903.
- ❖ R Rajendraprasad, D Rajababu, KBVSR Subramanyam, "THD Analysis of One-Cycle and PWM Controlled Active Power Filters", International Journal of Scientific Engineering and Technology Research 4(55), Dec. 2015, pp. 11732-11738.
- ❖ B. Devi priya, D. Rajababu, "Improvement on voltage unbalance using SFCL in Power Feed Network with Electric Railway system", Research in Electrical Power Engineering, Dec. 2015, pp. 327-343.
- ❖ T. Sindhuja, D. Rajababu, "PV System Modelling and Simulation using Fly Based Microinverter, Advanced Research and Innovative Ideas in Education, 1(5), 2015, pp. 545-555.
- ❖ A.Shiva Kama Sundari, D. Rajababu, "Two Layer Constant Power Control of DFIG wind Turbines with Super capacitor Energy Storage", Advanced Research and Innovative Ideas in Education, 1(4), 2015, pp. 159-168.
- ❖ G. Srinivas , D. Rajababu, "Power Quality Improvement Of Grid Interconnection With Renewable Energy Sources At Distribution Level," Vol-1 Issue-5 2015 IJARIE-ISSN(O)-2395-4396
- ❖ B Rajitha, P Soumya, "Power Quality Improvement of a Grid Connected Wind Energy System Using STATCOM", Wind Energy, Oct. 2015.
- ❖ Thakur Balaji Singh, P. Soumya, "High Conversion Ratio Bidirectional Dc-Dc Converter with Coupled Inductor", Journal of Research in Power Electronics, Oct. 2015.



- ❖ D Haritha, B Sathyavani, "A New Efficient ZCS-PWM Full-Bridge DC-DC Converter using Simple Active and Passive Auxiliary Circuits", Research in Power Electronics, Dec.2015, pp. 327-343.
- ❖ P. Murali, B. Sathyavani, "Reduction of THD using CUK converter for adjustable speed PMBLDCM drive", Advanced Research and Innovative Ideas in Education, 3(11), 2015, pp. 403-413.
- ❖ Mohd Samdani, M.M.Irfan, T.Ashok Kumar, "A New H-Bridge inverter topology for enhanced efficient multilevel operation", IJMTARC-ISSN-2320, Pg.1363, 2015.
- ❖ Dudam Laxmirajam, MM. Irfan, "A Novel Highh Step-Up Interleaved Converter with Voltage Multiplier Module for Renewable Energy System", Transaction on International Journal of renewable Energy., Oct-2015.
- ❖ Ayesha Samreen, MM Irfan, "Single Phase Inverters with Closed Loop Control of DC-DC Dual Active Bridge Converters", Transaction on International Journal of Research in Power Electronics, Oct-2015.
- ❖ B.Priyanka, M.Himavarsha, G.Srividhya, G.Sathish, A.Anroop, KBVSR Subramanyam, "Intelligent Water Pump Controller", International Journal of Advances in Electrical power System and Information Technoogy (IJAEPSIT), Technical Research Organisation India, ISSN (ONLINE): 2395-6151, VOLUME-2, ISSUE-2, 2016.
- ❖ D.RameshBabu, KBVSR Subramanyam, Dr N. Sambasiva Rao and Ch. Vijay Krishna "Variable Frequency Drives-Making Cold Storage Business Financially Viable", International Conference on Next Generation Education for Entrepreneurial Engineers, SR Engineering College, Warangal, 9-10th Mar 2016, pp. 130-132.
- ❖ Alluri Mounika, P. Soumya, "A New DC-to-DC Energy Conversion with Loaded-Resonant Converter", Journal of Energy, Feb. 2016, pp. 327-343.
- ❖ A. Swathi, B. Sathyavani, "Nine-Level Inverter Capable of Power Factor Control with DC-Link Switches", Journal of Innovative Technologies, 4(2), Feb. 2016, pp. 236-240
- ❖ K.Gowthami, M. Praveen Kumar, "A New current sharing technique on a general case of Paralled DC-DC Boost Converter", International Journal of Research, 3(12), 2016, pp. 1384-1389.



**Inauguration of Inter Departmental Competition**





## Department of Physical Education and Sports

Department of Physical Education and Sports regular organizes sports activities both for the students and faculty. The aim of the department is to build the culture of sports and games so as to keep fit for taking up activities. This year several activities are being organized by inviting several dignitaries

- 14th SR Champions Trophy :



The 14th South India Inter Engineering Colligate (T-20) cricket tournament SR Champions Trophy-2016 was organized and conducted from 4th to 12th January-2016. Students from the Andhra Pradesh, Karnataka, Tamil Nadu, Kerala states participated in the tournament. Prof. A. Seetaram Naik, M.P. Mahabubabad, was the chief guest during the event.

- Inter Departmental Sports Competitions

The Inter Departmental Sports Competitions for boys and girls was conducted between 25th Sept to 14th Oct 2015. Dr. V. Mahesh, Principal was present during the inauguration. The various events held were Basket Ball, Volley Ball, Foot Ball, Badminton, Table Tennis, Kabbadi, Kho - Kho, Chess, Throwball, Cricket, Athletics etc.

## Student Achievements

Title of the Publication (or) Event	Name of the student(s)	Organizers	Date of the Publication Event
Electric lineman protection using user changeable password based circuit breaker	J. Veena	Technical Research Organisation India	September 2015
Electric lineman protection using user changeable password based circuit breaker	G. Srivani	Technical Research Organisation India	September 2015
Electric lineman protection using user changeable password based circuit breaker	Afreen	Technical Research Organisation India	September 2015
Electric lineman protection using user changeable password based circuit breaker	M. Sunil Kumar	Technical Research Organisation India	September 2015
Electric lineman protection using user changeable password based circuit breaker	J. Santhosh	Technical Research Organisation India	September 2015
Ethical Hacking	K. Sreeja	Tech Bharat Consulting	18-19/09/2015
Ethical Hacking	A. Rohith	Tech Bharat Consulting	18-19/09/2015
Engineering Education without borders	D. Harish	K L University	21-23/09/2015
Leadership workshop	Mohammed Mustafeed	Vasavi college of Engg. Hyderabad	11/02/2016
Young entrepreneurs boot camp on generating business	Mohammed Mustafeed	Vasavi college of Engg. Hyderabad	12/02/2016
Intelligent Water Pump Controller	B.Priyanka	Technical Research Organisation India	15/02/2016
Intelligent Water Pump Controller	M.Himavarsha	Technical Research Organisation India	15/02/2016



Intelligent Water Pump Controller	G. Srividhya	Technical Research Organisation India	15/02/2016
Intelligent Water Pump Controller	G.Sathish	Technical Research Organisation India	15/02/2016
Intelligent Water Pump Controller	A. Anroop	Technical Research Organisation India	15/02/2016

### Honors:

- B. Priyanka bearing Reg. no. 12K41A0212 secured 89.34%.

### Placements:

Name of the company	No. of Students
Alliance Global Services	09
Tech Mahindra	01
TCS	02
Switchgear Technologies	06
Avarix Telecom Consulting Pvt Ltd	06

## IUCET - EPICS

Engineering Projects in Community Service (EPICS) started in the year 2015 as an open elective credit course for the third year students of all disciplines and gradually developed as a centre and now organizing multiple events every semester.

**Mission:** To address the unmet needs of the Warangal people through community engagement that integrates the engineering skills with empathy and compassion.

### Activities:

- One day workshop was organized on 28-11-2015 for the faculty and students, to create awareness about the EPICS. Prof. William Oakes, Director of EPICS (Purdue University) addressed the gathering.
- Students presented their ideas during 'EPICS- Poster Presentation' event, organized during every semester.
- Product Expo-I was organized on 28-11-2015. Students demonstrated their products and explained about the community partners. Prof. William Oakes, Director of EPICS visited the Expo and appreciated the students.
- Product Expo-II was organized on 21-03-2016. Students demonstrated their products and explained about the community feedback. Principal, all the Deans and HODs visited the expo and appreciated the service oriented products.



Students during Product Expo-I and Expo-II





# Civil Engineering

- ❖ A Guest Lecture on “Aerospace Technology – The Role Of Mechanical Engineers” delivered by Surendra Kumar – Former Director & OS, ARDE Pune. Ch. Vamsi Krishna Project Coordinator Aesi & EC member Hyd. held on 13.02.2016
- ❖ Guest Lecture on “Advanced Metrological and Measurement Techniques – The Role Of Mechanical Engineers” delivered by Dr. B. Hari Prasad Director of Innovation, DRDL held on 13.02.2016.
- ❖ Guest Lecture on “Mechanical Design Analysis Software – ANSYS” delivered by JALAGAM RAVINDER, Industrial Software Trainer and Sales Head – Ansys Consultant, Hyd held on 08th March 2016.
- ❖ Industrial visit of III year mechanical engineering students to hydro-electric power station and multi-purpose barrage at Nagarjuna Sagar held on 19-03-2016
- ❖ The Final year students of EEE Department have visited ACCESS SOLAR Ltd company on 3rd January, 2016 located at Balanagar Hyderabad with the support of the IIPC and ISTE Cell, and with the help of faculty. The Students have learned the manufacturing techniques of solar panel and testing.





## Civil Engineering

### VISION

To be a leader in developing competent Civil Engineers

### MISSION

- Build Civil Engineering knowledge in students by implementing novel educational strategies
- Develop effective instructional infrastructural resources.
- Promote interdisciplinary learning
- Contribute to the growth of Civil Engineering through community service, consultancy and research

❖ Guest Lecture on “Current Scenario in Banking Industry” delivered by Mr Surender Raju.kurapati, Senior Banking and Financial Management executive at Managerial level with more than 10 years of accomplished career record spanning across Retail Banking, Investment Banking, Life Insurance, Retails Assets Lending and Internal Training. held on 12th Dec 2015 .



❖ Guest Lecture on “Emerging Trends in Insurance Industry” delivered by Sri. G. Padma Rajesh, Branch Manager, MAX LIFE Insurance Sector and Internal Training Warangal, with more than 15 years of accomplished career in Insurance, held on 25th Feb 2016.



❖ Guest Lecture on “Career Guidance For Electronics And Communication Engineers” delivered by Dr. D.Ranganadham graduated in Electronics and Telecommunication Engineering from Jawaharlal Nehru Technological University, Ananthapur A.P. held on 13th Feb 2016.



❖ A guest Lecture on “Data Analytics” delivered by SRIKAR VUTHURI Technical Lead, Pega Systems World Wide India Pvt ltd,Hyd, held on 12th March, 2016.



❖ Guest Lecture on “How to Start a Good Career in IT sector”: delivered by Sri. Neeraj Kumar Singh, Associate @ Cognizant Technology Solutions Hyd. Focused Areas in Seminar: Present business challenges in IT sector and How to start a good career in IT sector held on 13th Feb, 2016



**Conferences/Seminars/workshops/FDPs Conducted:**

- ❖ A Guest Lecture on “Introduction to Irrigation Projects in India – Opportunities” delivered by Md. Abdul Basheer, Chief Engineer (Retd.), I&CAD, Govt. of AP, Hyderabad, under IE Student Chapter held on 3rd and 4th July, 2015.
- ❖ A Guest Lecture on “Capabilities and Opportunities in New Cement-Based Materials” delivered by Dr. Rajesh Kumar G, Professor, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana., under IE Student Chapter held on 7th July, 2015.
- ❖ A Guest Lecture on “Structural Analysis of Buildings” delivered by Prof. N. Murali Krishna, Professor of Civil Engineering, Dept. of Civil Engineering, University College of Engineering, Osmania University Hyderabad under IE Student Chapter held on 14th August, 2015
- ❖ A Guest Lecture on“ Advances in Waste Water Treatment Process” delivered by Dr. K.V.Jayakumar Professor, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana. under under IE Student Chapter on held 16th February, 2016
- ❖ A Seminar on “Noise and air pollution” delivered by Dr. Sanaga Srinivasulu Professor, Dept of Civil Engineering, JNTUH College of Engineering. Under IE Student Chapter held on 30th January, 2016.

**Faculty Publications:**

**Journals / Conferences**

- ❖ Praveen. G. V (2016). Enrichment of Quality in Engineering Education through Industry -Institute Interaction. Proceedings of 'National Seminar on Entrepreneurial Development- Status, Challenges and Strategies' Organized by Sri Venkateswara University, Tirupati, India.
- ❖ Sravanthi. M (2015). Experiment Analysis of Effect of Silica Fume Ash on Bond strength & Compressive strength. Proceedings of '3- Day International Conference' Organized by University College of Engineering, Osmania University, Hyderabad, India.
- ❖ Goverdhan Reddy. S (2015) "Introductory course on Engineering: A Bridge for the Skill Gap between Academic and Socio-Cultural Events" Proceedings of 'National Seminar on Skilling India-Status Contours and Strategies' Organized by Sri Venkateswara University, Tirupati, India, Scopus Indexed

**Placements**

Name of the Company	No. of Students Placed
Indu Groups	19



# Computer Science and Engineering

## Activities under IIPC

- ❖ A guest Lecture on “Measuring Instruments & Distribution Transformers” delivered by Mr. Harji Jatoth , ADE, NPTI . Warangal held on 23rd July 2016
- ❖ A guest lecture on “Industrial Maintenance Of Power Transformer”, delivered by Mr. S.RAJU NAIK (Assistant Divisional Engineer at CPTI, HYD) held on 8th February 2016 .
- ❖ A guest lecture on “Power Plant Operation And Maintenance”, delivered by Mr.K. RANJITH (Assistant Manager at Nava Bharath Energy India Limited, Palvoncha), held on 15th March 2016 .
- ❖ Organised Industrial visit to “Kakatiya Thermal Power Project, Bhupalpally”, 19th March 2016 for EEE Students
- ❖ An Industrial visit to “Kakatiya Thermal Power Project, Bhupalpally”, on 19th March 2016 by Electrical and Electronics Engineering Department, SR Engineering College.





## *Industry Institute Partnership Cell*

The Industry-Institute Partnership Cell (IIPC) of the college is a dedicated cell working to create a close interaction with Industry and others departments of the institute, to train and develop the right kind of technical manpower necessary to sustain and promote industrial and economic growth.

### **MISSION**

- Forge industry and professional body alliances to accomplish technology transfer and meet societal needs.
- To develop linkages with world class R&D organizations and educational institutions in India and abroad for excellence in teaching, research and consultancy practices.
- To arrange industry visits and industrial trainings for the faculty and students

### **OBJECTIVES**

- Organizing workshops, conferences and symposia with joint participation of the academicians and the industries.
- Inviting industry experts to contribute in curriculum development in line with current industry requirements.
- To provide technical and non-technical consultancy services and training to industries particularly small scale & rural industries.
- Deputing faculty to industry for study and discussions or delivering lectures on subjects of mutual interest.
- To develop the Innovative Products
- Setting up of technology parks in collaboration with alumni and industry for cost effective opportunity for R&D leading to marketable products.
- Organizing the Industry Institute Interaction meets & Trade fairs
- Sending the students for Internships

## *Computer Science and Engineering*

### **VISION**

Be a leader in promoting Computer Science and Engineering education.

### **MISSION**

- Build Computer Science and Engineering Knowledge in students by implementing novel educational experiences.
- Develop effective instructional infrastructure resources.
- Promote interdisciplinary learning
- Contribute to community development activities.



### Conferences/Seminars/workshops/FDPs Conducted:

- ❖ A 2-Days Workshop on “A Student Development Program On Software Testing Tools ( WinRunner, JUnit, Selenium ) ” delivered by Mohmed MD.Ali and Naresh,Bhavana held on 18th & 19th Nov,2015
- ❖ An Motivation Talk on “Interaction with psychologist” was delivered by Benson and Santhi Swaroop psychologist, held on 22-10-2015 for the Students.
- ❖ An seminar on “Higher Education” was delivered by NEC Academy, USA Consultant, held on 22/10/2015 for the students.
- ❖ A two-day national level technical symposium “Nipunik” was organized held on 23rd& 24th January 2016 as a part of Technotrendz '16.



- ❖ An Expert Talk on “How to Start a Good Career in IT sector” was delivered by Sri. Neeraj Kumar Singh, Associate @ Cognizant Technology Solutions Hyd., held on 13/02/2016 for the students.
- ❖ A Two days Faculty Development Programme on “Solving Numerical Methods using MATLAB” delivered by Dr.G. Janardhan Reddy, Department of Mathematics, Central University of Karnataka held on 14th & 15th Feb,2016.



# Industry Institute Partnership Cell





### Conferences:

- ❖ Dr. N. Suman Kumar and P.Akhil Kumar, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016 ,title “Entrepreneurship ECO System in Tier Three Cities in INDIA-A Study of Warangal District” this paper is published with ISBN 978-93-85477-76-8
- ❖ Dr. N. Suman Kumar, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016 ,title “INDIA: A land of frugal innovations-Can fix it resource scarcity” this paper is published with ISBN 978-93-85477-76-8
- ❖ Mr. D.Srinivas and Mr. S. Parminder Singh, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016 ,title “Rural women entrepreneurship in Telangana State-A study of Pembarthi metal craft” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Mr. D.Srinivas, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016 ,title “Women entrepreneurship - A study refers to women in Warangal” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Mr. Satish Raj, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016 ,title “Entrepreneurial Opportunities in Indian Insurance Sector” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Mr. Satish Raj, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016, title “Encouraging engineering graduates towards entrepreneurship: Events based approach ” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Dr.G. Surender, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016, title “Entrepreneurship vs Engineering Education in INDIA - A Study” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Mr. E.Ramesh, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016, title “Socio economic dimensions of Entrepreneurship” this paper is published with ISBN 978-93-85477-76-8.
- ❖ Mr. G.Sateesh Raj, presented a paper in International conference organized by SREC Warangl on 9th & 10th march 2016, title “Challenges and Opportunities of Emerging Markets” this paper is published with ISBN 978-93-85477-76-8.

- ❖ A 1-Day Workshop on “Employability Skills” was organized in association with EnaaduEtharam and Kovidu.in held on 1/3/2016.



- ❖ An Expert Talk on “Introduction to Engineers” was delivered by Prof. Sridhar Condoor, held on 9/3/2016 for students.
- ❖ An Expert Talk on “Cognitive Skills” was delivered by Prof. Sridhar Condoor, held on 10/3/2016 for students.

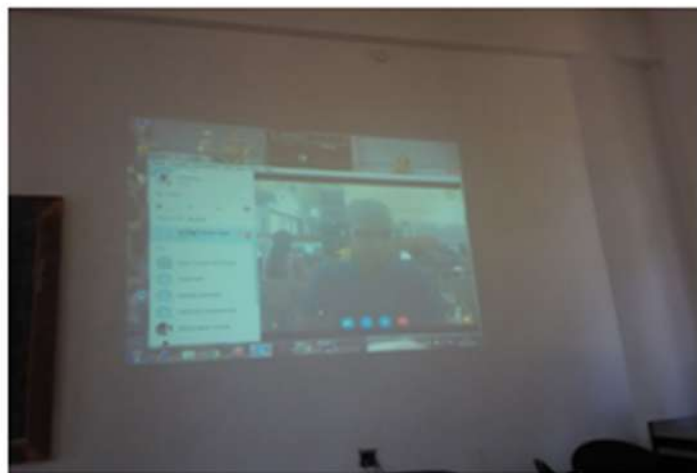


- ❖ An Expert Talk on “Mechatronics and Java” was delivered by Prof. Sridhar Condoor and Professor Daniel, held on 11/3/2016 for students
- ❖ A seminar on “Data Analytics” was delivered by V.Srikar, Team lead, Pega systems, Hyderabad, held on 12/3/2016 for students.





- ❖ A 1-Day Workshop on “ICT Based training on Latex and SCiLab” was organized in association with IIT Bombay represented by Mohmed Khasimkhan, Training Coordinator held on 9th June-2016.



### *Conferences/workshops/FDPs Attended:*

- ❖ Dr. R. VijayaPrakash, Professor, Assistant Professor, attended a Faculty Development Program on “Numerical Methods Using MATLAB” held on 14th & 15th Feb 2016 organized by SR Engineering College, Warangal
- ❖ Mr. P. Pramod Kumar attended a Workshop on “Mechatronics And Java in Future” held on 11th March 2016 organized in SR Engineering College, Warangal.
- ❖ Mr. P. Pramod Kumar attended a Workshop on “Cognitive Skills in Design” held on 10th March, 2016 in SR Engineering College, Warangal.
- ❖ Mr. P. Pramod Kumar attended a Workshop on “Outcome Based Education Phase III” held on 10th January 2016 organized by IUCEE and InPods.
- ❖ Mr.P.Pramod Kumar attended a Two-Day Workshop on “Design and Implementation of Student Centered Learning” from 3rd to 4th January 2016 organized by IUCEE at SR Engineering College, Warangal.
- ❖ Mr. P.Kumaraswamy, Asst.Prof, attended a workshop on International Conference on “Information Security and Privacy” held on 11th&12th December-2015 at Raison Engineering college, Nagpur.
- ❖ Mr. P.Kumaraswamy, Mr. A.Harshavardhan, Mr. P.Praveen, Mr. T.Sampath kumar, Ms. M. Sheshikala, Mr. Y.Nagender, Ms. G.Roopu, Mr. K. Sudheer kumar, Mr. A.Srinivas, Asst.Profs, attended a Faculty Development Program on “Numerical Methods Using MATLAB” held on 14th & 15th Feb 2016 organized by SR Engineering College, Warangal
- ❖ Dr. R. VijayaPrakash, Professor and Ms. M.Sheshikala, Assistant Professor, attended a conference to present a paper entitled “Co-location Mining in Uncertain Data Sets: A Probabilistic Approach” in 9th India Software Engineering Conference( An Annual Conference of iSOFT ), 197, BITS, Pilani, Goa, held on 18th Feb, 2016 to 20th Feb, 2016

### *Conferences/Seminars/workshops/FDPs Attended:*

- ❖ Mr. E.Ramesh Asst. Prof attended a Two-day Workshop on “Gender sensitization” organized by JNTU Hyderabad held on 4th and 5th December, 2015.
- ❖ Mr. D.Srinivas Asst. Prof attended a short-term course on “Project Management” organized by IUCEE held from Oct 2015 to Jan 2016.
- ❖ Mr.Sateesh Raj Asst. Prof attended a Faculty Development Program on “Integrating Innovative Entrepreneurship with Engineering Education” organized by BMS College of Engineering, Bangalore held on 6th Jan, 2015.
- ❖ Mr. D. Srinivas, Asst Prof, attended a FDP on “Leveraging Technology for Effective training and Learning” conducted by Centre for Research and Consultancy, SREC held on 10th May, 2016
- ❖ Mr. D. Srinivas, Asst Prof, attended a FDP on “Training of trainers in Entrepreneurship Development” conducted by MSME, Hyderabad and KITS (Huzurabad), held in Feb 2016.
- ❖ Mr.Parminder singh Asst.prof attended a FDP on “Realism in the Classroom” conducted by TASK, Hyderabad held on 19th and 20th Feb, 2016.
- ❖ Mr. E. Ramesh Asst. Prof attended a Workshop On “Design and Implementation of Student centered Learning” Conducted by IUCEE held on 3rd and 4th Jan 2016.
- ❖ Ms. Kafial and Ms. Rajya laxmi, attended a Workshop On “Design and Implementation of Student centered Learning” Conducted by IUCEE held on 3rd and 4th Jan 2016.

### *Faculty Publications:*

#### *Journals*

- ❖ Dr. N. Suman Kumar published a paper titled, “Micro Insurance: Way ahead to tap rural insurance Markets” at International Journal of Research in Commerce & Management, volume 7, issue 1, pp.16-19, ISSN: 0976-2183, in January 2016
- ❖ Mr. N. Suman Kumar published a paper titled, “Role of Children in family purchase decisions & impact of Advertisement” at Research Journal of Commerce & Behavior Science, volume 5, issue 2, pp.32-36, IF. 5. 632, ISSN: 2251-1547, in December 2015.
- ❖ Dr. G. Surendar published a paper titled, “Equity Investment Strategies: A Study on Retail Investors in India” at International Journal of Management & Development, volume 2, issue 6, ISSN: 2394-3378, in June 2015.
- ❖ Dr. G. Surendar published a paper titled, “Dematerialization of Shares & Retail Investors in India -A Study” at International Journal of Engineering and Management Research, volume 5, issue 3, pp.393-400, ISSN: 2250-0758, in June 2015.



### Conferences/Seminars/workshops/FDPs Conducted:

- ❖ A Guest Lecture on “Current Scenario in Banking Industry” delivered by Mr. surrender Raju Kurapati, Manager, ICICI Bank, addressed to MBA and IMBA Students about the Opportunities, challenges and recent trends in Banking sector held on 12-12-2015



- ❖ A guest lecture on “Emerging Trends in Insurance sector” delivered by Mr.G. Padma Rajesh, Branch Manager, Max Life Insurance ,discussed about the challenges and growth of Insurance Industry and its impact on Economy held on 25-02-2016.



- ❖ A Guest Lecture on “ Corporate Social Responsibility” delivered by Mr. K. Naveen, HR, Coal Coporation of India, had delivered the HR Practises used in Coal Corporation of India in Managing Human Resources of CCIL held on 15-03-2016.

- ❖ Dr.C.V.GuruRao, Professor, published a paper entitled “Software Component Clustering and Classification Using Novel Similarity Measure”inElsevier Science Direct, Procedia Technology ,2015,ISSN: 2212-0173.
- ❖ Dr.C.V.GuruRao, Professor, published a paper entitled “A Novel Gaussian Based Similarity Measure for Clustering Customer Transactions Using Transaction Sequence Vector” in Rev. Tec. Ing, Univ. Zulia , 2015,ISSN:2212-0173.
- ❖ Dr. R. VijayaPrakash, Professor , and Ms. M.Sheshikala, Assistant Professor, published a paper entitled “Join-Less Approach For Finding Co-Location Patterns- Using Map-Reduce Framework” in Journal of Theoretical and Applied Information Technology; Vol.87 , No. 2 (May, 2016).
- ❖ Dr. R. VijayaPrakash, Professor , and Ms. M.Sheshikala, Asst.Prof, published a paper entitled “A Novel Rank Based Co-Location Pattern Mining Approach Using Map-Reduce” in Journal of Theoretical and Applied Information Technology; Vol.87 , No. 3 (May, 2016).
- ❖ Mr. Pramod Kumar P, Senior Asst.Prof. published a paper entitled “Proxy Based Authentication Scheme Using Distributed Computing in Vehicular Ad hoc Networks” in International Research Journal of Engineering and Technology(IRJET) , Volume 02 Issue:09 , Dec-2015 , e-ISSN: 2395-0056, p-ISSN: 2395-0072
- ❖ Mr. Pramod Kumar P, Senior Asst.Prof. published a paper entitled “New Adaptive Approach For Power Reduction Techniques in Wireless Sensor Network: A Survey” in International Journal of Advanced Technology and Innovative Research (IJATIR) , Dec-2015 , p-ISSN: 2348-2370
- ❖ Mr. Pramod Kumar P, Senior Asst.Prof. published a paper entitled “Analysis of Divergent Thinking in Indian Engineering Students” in Journal of Engineering Education Transformations , Volume 29 , No.2, October 2015, ISSN 2349-2473, eISSN 2394-1707
- ❖ Mr.P.Kumaraswamy, Asst.Prof. published a paper entitled “A New Key Authentication Scheme for Cryptosystems Based on Discrete Logarithms”,in Journal of Innovation in Computer Science and Engineering, 2015, ISSN:2278-0947.
- ❖ Mr.P.Kumaraswamy, Assistant professor, published a paper entitled “Cryptanalysis of Zuhua Shao Key Authentication Scheme” in Elsevier -Procedia Computer science 2016, DOI:10.1016/j.procs.
- ❖ Mr. S Naresh Kumar, Asst. professor, published a paper entitled “Trusted Hardware Database With Privacy And Data Confidentiality” in International Journal For Technological Research In Engineering; Volume 3, Issue 4, December - 2015
- ❖ Mr. S Naresh Kumar, Asst. professor, published a paper entitled “A Novel Framework for Multiparty Access Control In Online Social Network” in International Journal For Technological Research In Engineering; Volume 3, Issue 5, January - 2016
- ❖ Mr.P.Praveen, Asst.prof, presented a paper entitled “An Empirical comparison of Clustering using Hierarchical methods and K-means.” 2nd International Conference on Advance in Electrical, Electronics, Information Communication and Bio-Informatics -AEEICB-2016 in Association with IEEE on 27th and 28th February 2016.



❖ Mr.P.Praveen, Asst.prof, presented a paper entitled “Data Extracting for Entrepreneurial opportunities by using Clustering methods.” in 3rd International Conference on :Next Generation Education of Entrepreneurial Engineers” (ICNGE3-16) in SR Engineering College Warangal, held from 09th & 10th March 2016.

❖ Mr.P.Praveen, Asst.Prof, published a paper entitled “A Parallel Study on Data Mining Techniques for Clustering to use Weather Dataset” in International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 4, April 2016

❖ Ms. M.Sheshikala, Asst.Prof. published a paper entitled “Improvement of Privacy Protection in Personalized Web Search: using UPS Frame Work” in International Journal of Advanced Technology and Innovative Research; Vol.8, Issue. 1 (Jan, 2016).

❖ Ms. M.Sheshikala, Asst.Prof, published a paper entitled “Co-location Mining in Uncertain Data Sets – A Probabilistic Approach” in International Journal of Cybernetics and Informatics; Vol.5, Issue. 1 (Feb, 2016).

❖ Ms. M.Sheshikala, Asst.Prof. presented / published a paper entitled “Co-location Mining in Uncertain Data Sets: A Probabilistic Approach” in 9th India Software Engineering Conference (An Annual Conference of iSOFT ), 197, BITS, Pilani, Goa, held on 18th Feb, 2016 to 20th Feb, 2016.

❖ Ms. M.Sheshikala, Asst.Prof, presented / published a paper entitled “Co-Location Mining in Certain Data Sets – A Probabilistic Approach” in Third International Conference on Recent Trends in Communication and Computer Networks- COMNET 2015, pg No 1-16, Kerala, held on Dec, 26 2016.

❖ Mr. Nagendar.Y, Asst.Prof, published a paper entitled “Peer-Peer Content Based File Sharing System in MANETs” in International Journal For Technological Research In Engineering; Vol.3, Issue.4, ISSN: 2347 - 4718, page number: 739-742 (December 2015).

❖ Mr.Nagendar.Y, Asst.Prof, published a paper entitled “Implementation of Link Anomaly Detection for Textual Stream in Online Social Network” in International Journal For Technological Research In Engineering; Vol.3, Issue.4, ISSN: 2347 - 4718, page number: 671-673 (December 2015).

❖ Mr. Nagendar.Y, Asst.Prof, published a paper entitled “A Survey on Mobile Ad-hoc Social Networks for Efficient Data Query in Intermittently Connected System” in International Journal of Innovative Research in Computer and Communication Engineering; Vol.3, Issue.11, ISSN: 2320-9801, page number: 11831-11834 (November 2015).

❖ Mrs. J.Bhavana, Asst.Prof, published a paper entitled “Clustering Based on Similarity Measures Using Concept Data Analysis” in IJARCSSE, Vol-6, Issue-1, Page-656-660, January-2016 (ISSN: 2277 128X).

❖ Mr. SallauddinMohammad, Asst.Prof, published a paper entitled “IoT Middleware For Device Privacy On Big Data” in IJIRSET ; Vol. 5, Issue 6, page number from 10266 to 10273 (June 2016).

❖ Mr. SallauddinMohammad, Asst.Prof, published a paper entitled “Energy Efficient Architecture Using Cluster Based Multipath Routing in Large Scale Wireless Sensor Networks” in IJIRSET ; Vol. 5, Issue 6, page number from 9915 to 9922 (June 2016).

## *Master of Business Administration*

### VISION

To be a renowned management centre that creates globally competent leaders

### MISSION

- Design and implement contemporary programmes and curriculum that generates employable graduates
- Promote interdisciplinary collaborative research and consultancy to bring out innovative business solutions
- Utilize knowledge and expertise for the welfare and development of the community at regional and national levels
- Prepare graduates with managerial and entrepreneurial skills to manage or establish enterprises






## Placements:

Name of the Company	No. of Students Placed
Alliance Global Services	5
NTT Data	01
Incessant Technologies	01
Hypercat Academy	04
Tech Mahindra (BSG)	02
Value Labs	05
Infosys	07
CTS	03
GGK Tech	04
TCS	04
Opentext	01
Ernst Young	01
Intellinet for Google	12
IBM	5
Swecha	01
Global Logic	02
Syntel	02
HCL	01
SMScountry	01
Flexeye	01
24/7 Customer Pvt. Ltd.	01
HGS	01
Inspiro Technologies	01
Code Lab	01
Softink Solutions	01
Google Maps	02
Infor	01
Accordian Technologies	01
K1 City Holdings	01
Happy Minds	01
Endpoint Clinical	01
SAIS staffing Solutions	01
ORCHESYS	01
Blue Berry Digital labs	01
Metmox	01
Invenio Business Solutions	04
Cyient	05
Amazon	04
HCL	04
Web synergies	04
Wipro	02





# Electronics and Communication Engineering

## SREC CLUBS

In addition to curriculum, students are involved in extracurricular events to excel their talents. The main aim is to bring them out of class room and involve them in such cultural events of their interest and prepare them to be confident, physically and mentally fit to face the outside world.

We have formed various clubs and are engaging students with several activities under each club under the supervision of faculty.

### *SREC clubs and activities*

#### LITERARY CORNER

The Literary Club aims at improving the Literary Skills among the students. The Club organized JAM sessions, Debate and Group Discussions.

#### PRAKRUTHI - NATURE CLUB

A Marathon was organized by the students in support of curbing the use of Plastic that leads to environmental pollution.

#### TARANGINI - CULTURAL CLUB

This club organized various events and competitions such as Song & Dance, Pencil Art, Short Film Contest during the academic year. A cultural fest 'Sparkrill' was organized during 23rd January 2016 to 26th January 2016 with great pomp and show. Number of events are organized during these three days.

#### SCIENCE CLUB

The Club organized 'Mathematics Day' marking the birth of Sri Srinivasa Ramanujan, on 22nd December 2015. A poster presentation event and a Guest Lecture by Prof. D. Srinivasacharya, NITW was organized.



❖ International Women's Day -2016 was celebrated with a talk "Pledge for Parity" delivered by Prof N. Vijaya, Director,SDLCE(KU) held on 8th March 2016.



## *Electronics and Communication Engineering*

### VISION

To academically outstand in the field of Electronics and Communication Engineering education

### MISSION

- Build Electronics and Communication Engineering knowledge in students by implementing novel educational experiences.
- Develop effective instructional infrastructural resources.
- Promote interdisciplinary learning.
- Develop community through service, consulting and research activities.



### ***Conferences/Seminars/workshops/FDPs Conducted:***

- ❖ A expert talk on “Image Processing Using Matlab” under SREC IEEE Student Branch held on 6th August, 2015 delivered by Dr. Krishna Manohar, CEO, Tech Moven, Hyderabad.
- ❖ A expert talk on “Embedded Systems-Its Applications In Automobile Engineering” under SREC IEEE Student Branch held on 13th August, 2015 by Dr. Usha Shree, Dean (Academics), JBIT, Hyderabad.
- ❖ A Guest Lecture on “Careers for Engineering Graduates” under SREC IEEE Student Branch held on 26th August, 2015 delivered by Dr. E. Muneender, Deputy Director for Career and Counseling Cell at Kakatiya University (K.U), Warangal.
- ❖ A Awareness program on “High Engineering Conservation Competition in Schools and Colleges” under SREC IEEE Student Branch held on 26th August, 2015.
- ❖ The A 2 day workshop “Regional Students Professional Awareness Congress – 2015” (RSPAC’15) under SREC IEEE Student Branch, held on 9th and 10th October, 2015.
- ❖ An International Conference on "Recent Advances in Communication, VLSI and Embedded Systems" under SREC IEEE Student Branch, held on 19th and 20th December 2015.
- ❖ A Guest Lecture on “Career Guidance for Electronics and Communication Engineers” under ECE IETE Professional Society, held on 13th February, by Dr. D. Ranganadham Deputy Director General (Engineering) in Doordarshan Kendra Hyderabad.
- ❖ A Guest Lecture on “Micro Electronics” under SREC IEEE Student Branch, held from 23rd ,24th & 25th February, 2016, by Andrezej Rucinski, Professor New Humpshire USA.
- ❖ A Industrial visit to “All India Radio, Warangal”, under ECE IETE Professional Society, held on 3rd March, 2016.
- ❖ A faculty Development Program on “Leveraging Technology for Effective Teaching & Learning” under SREC IEEE Student Branch, held on 10th March 2016, delivered by Dr. Yogesh Shankar, Consultant.
- ❖ Guest Lecture on “Overview of Research Activity at OHIO State University” under ECE IETE Professional Society, held on 13th June, 2016 by John L. Volakis Professor and Chope Chair, Electrical & Computer Engineering.

### ***Conferences/Seminars/workshops/FDPs Attended:***

- ❖ Dr. Syed Mushtak Ahmed, Dr A. Subba Rao are attended a one day workshop on “Integrating projects and Design into core engineering courses” at BMS College of Engineering, Bangalore held on 20th July 2015.

❖ V. Radhika and Halavanth Ramesh published a paper on “Batch Adsorption of Fluoride ions into Activated Carbon Derived from Curly kale leaves” World Journal of Pharmacy and Pharmaceutical Sciences, Vol.4, PP 44-51, January 2015.

❖ V. Radhika and Halavanth Ramesh published a paper on “Electrical conductance and Ph change in Defluoridation of water” 3rd National Conference Water, Environment & Society, JNTU, Hyderabad, PP 215-218, June 2016.

❖ V. Radhika and Halavanth Ramesh published a paper on “Conductance and solvation behaviour of L-Lysine monohydroflouride in acetone and aqueous dimethyl sulphoxide” 3rd National Conference Water, Environment & Society, JNTU, Hyderabad, PP 143-146, June 2016.

❖ V. Radhika and Halavanth Ramesh published a paper on “Aspects of Women’s entrepreneurship in Agriculture and primary processin in rural villages” 3rd International conference on Next generation Education for Entreprenurial Engineers, CED, SREC, Warangal PP 175-177, March 2016

❖ V. Radhika and Halavanth Ramesh published a paper on “Defluoridation of Water using: Activated Carbon derived collard green leaves: batch techniques” 2nd national conferenceon water Environment, JNTU Hyderabad, PP 359-366, July 2015

❖ V. Haripriya published a paper on “Synthesis and antibacterial activity of some new quinoxaline-benzohydrazides” Indian journal of Chemistry, Vol.55B, PP 207-212, February 2016

### ***Various Activities:***

The Inaugural of the Orientation Program for the first year students was held on Wednesday, 5th August 2015. The orientation programme was attended by the new entrants and their parents.





### ***Conferences/Seminars/workshops/FDPs Attended:***

❖ K. Devender attended STTP on “Two week ISTE Short Term Training Programme on Engineering Physics” BITS, Warangal, held on 08th - 18th Dec, 2015.

❖ V.Radhika Reddy attended National Workshop on “A one Day National Workshop on Gender Sensitization (A New Course Introduced at JNTUH)” Centre for Water Resources-2015, Institute of Science & Technology, JNTU, Hyderabad, held on 12th February, 2016

❖ Dr. D. Praveena attended National Workshop on “A one Day National Workshop on Gender Sensitization (A New Course Introduced at JNTUH)” Centre for Water Resources-2015, Institute of Science & Technology, JNTU, Hyderabad, held on 12th February, 2016

❖ N. Ch. Sreekiran attended National Workshop on “A one Day National Workshop on Gender Sensitization (A New Course Introduced at JNTUH)” Centre for Water Resources-2015, Institute of Science & Technology, JNTU, Hyderabad, held on 12th February, 2016

❖ M. Cateherine attended National Workshop on “A one Day National Workshop on Gender Sensitization (A New Course Introduced at JNTUH)” Centre for Water Resources-2015, Institute of Science & Technology, JNTU, Hyderabad, held on 12th February, 2016

### ***Faculty Publications:***

#### ***Journals:***

❖ D. Srinivasacharya, G.Swamy Reddy published a paper on “Mixed convection on a vertical plate in a power-law fluid saturated porous medium with cross diffusion effects”, Procedia Engineering, Vol.127, PP 591-597, 2015.

❖ M. Devakar and N.Ch.Ramgopal published a paper on “Exact solutions of thin film flows of an incompressible couple stress fluid”, American journal of mathematics and mathematical sciences, Vol.4, PP 41-50, June 2015

❖ M. Devakar and N.Ch.Ramgopal published a paper on “Fully developed flows of two immiscible couple stress and newtonian fluids through nonporous and porous mediud in a horizontal cylinder”, Journal of porous media, Vol.18, PP 549-558 June2015

❖ E. Purushotham published a paper on “Effect of particle size and lattice strain on the Debye-Waller factors of silicon carbide nanoparticles”, Journal of Nanoscience and Nanotechnology, Vol.16, PP 2658-2662 January 2016.

❖ Ms. Madhuri.G attended a three day faculty development program on “Estimation Theory for Signal Processing & Cognitive Radio Networks” at GRIET Hyderabad, Sponsored by TEQIP-II, held from 15th to 17th October, 2015.

❖ Dr. A. Subba Rao, K. Rajkumar are attended Ten day faculty development program on “Lines and Waves - The Transmission of Energy” at National Institute of Technology, Warangal, held from 31st October to 9th November 2015.

❖ Dr. A. Subba Rao attended 16 days training on “Software controlled Caches for Processors” at IIFL, Bangalore, from 17th November to 2nd December 2015.

❖ K. Sridhar Reddy attended a six day workshop on “MATLAB for Engineering Applications” at Sree Chaitanya College of Engineering, Karimnagar, from 30th November to 5th December, 2015.

❖ Ch. Rajendra Prasad attended four days training on “WMPC 2015” at HICC Novotel, Hyderabad organized by IEEE, from 13th to 16th December, 2015.

❖ K. Sridhar Reddy attended a two day Faculty Development Workshop on "Design and Implementation of Student Centered Learning", organized by SR Engineering College, Warangal, from 3rd and 4th January 2016.

❖ B. Girirajan, L.M.L.Leo Joseph are attended a one day Faculty Development Program on "Leveraging Technology for Effective Teaching and Learning", organized by SR Engineering College, Warangal, on 10th May 2016.

❖ Ch. Rajendra Prasad attended 9 months online Faculty Development Program on "IUCSEE International Engineering Educator Certificate", organized by Indo-Universal Collaboration for Engineering Education, IGIP & Microsoft, from 12th September 2015 to 26th May 2016.

❖ Subbarao, S. Umamaheshwar attended two day workshop on "Intellectual Property Rights and Innovation Management", organized by Center for Research and Consultancy, SR Engineering College, Warangal, held from 16th and 17th June 2016.

### ***Faculty Publications***

#### ***Journals:***

❖ Soma Umamaheshwar, TippiartiAnil Kumar, K.Srinivasa Rao published a paper on “Limited Feedback Block Diagonalization In Multi User Mimo Downlink Channels” in International Journal of Applied Engineering Research, on July 2015, Vol: 10, Page No: 226-231, ISSN 0973-4562.

❖ Ch.Rajendra Prasad published a paper on “Web Based Monitoring System For Nuclear Power Plant” in International Journal of research and Applications, on July - September 2015, ISSN 2394-4544.

❖ Fahimuddin.Shaik, Dr.Anil Kumar Sharma, Dr.Syed Musthak Ahmed Prasad published a paper on “Review Of Image Processing Methods On Diabetic Related Images” in International Journal



of Engineering and Techniques, on July - August 2015, Vol: 1, Issue: 4, Page No: 99-107, ISSN 2395-1303.

❖ V.Shravani, G. Mahesh kumar published a paper on “Review Of Image Processing Methods On Diabetic Related Images” in International Journal of Eminent Engineering Technologies, on August 2015, Vol: 3, Issue: 4.

❖ P.Chaithanya, Ch.Rajendra Prasad published a paper on “Performance Evaluation of Papr Reduction In Ofdm System Using Non-Linear Commanding Transform” in International Journal of Engineering and Computer Science, on September 2015, ISSN 2319-7242.

❖ V. Veena, J. Ravichander published a paper on “Data Encoding Techniques For Low Power Consumption in Network on-Chip” in International Journal of Eminent Engineering Technology, on September 2015, Vol: 3, Issue: 4, Page No: 254-260.

❖ K.Sreedhar, Dr.K.Rama Linga Reddy published a paper on “Image Segmentation Using Adaptive PDE Based New Level Set Method” in International Journal of Advanced Research in Computer and Communication Engineering, on October 2015, Vol: 4, Issue: 4, Page No: 50-55, ISSN No: 2319-5940.

❖ Dr. A. Subba Rao, B. Anila published a paper on “Adaptive Security Systems For Industries ANS Home Using Android Mobile Devices” in International Journal of Science and Engineering and Technology Research, on October 2015, Vol: 4, Issue: 41, Page No: 8954-8957, ISSN No: 2319-8885.

❖ G.Renuka, V.Ushashree, P.Chandrasekhar Reddy published a paper on “Advanced Verification Methodology for Complex System On Chip” in International Journal on VLSI & Communication Systems, on December 2015.

❖ K. Rajkumar, Dr. V. Padmaja published a paper on “Optical Realization For Tissue Imaging” in I-manager’s Journal on Image Processing, on October-December 2015, Vol: 2, Issue: 6, Page No: 46-51, ISSN No: 2349-4530.

❖ K. Rajkumar, Dr. V. Padmaja published a paper on “Polarized Laser Beam Interaction With Soft Tissue Matter” in International Journal of Applied Engineering Research, on December 2015, Vol: 10, Page No: 43611-43614, ISSN No: 0973-4562.

❖ Fahimuddin.Shaik, Dr.Anil Kumar Sharma, Dr.Syed Musthak Ahmed published a paper on “A Novel Approach for Detection of Anomalies In Images Related to Diabetic Myonecrosis” in Innovative Research In Electrical, Electronics, Instrumentation and Control Engineering, on December 2015, Vol: 3, Issue: 12, Page No:181-184, ISSN No: 2321-5526.

❖ Fahimuddin.Shaik, Dr.Anil Kumar Sharma, Dr.Syed Musthak Ahmed published a paper on “A Novel Approach For Detection And Analysis Of Abnormalities In Mri Images Related To Diabetic Myonecrosis” in International Journal of Modern Electronics and Communication Engineering (IJMECE), on January 2016, Vol: 4, Issue: 1, ISSN No: 2321-2152.

❖ Pritam Singh Bakariya, Ram Mohan Mehra published a paper on “Omnidirectional Multi-Band Stacked Microstrip Patch Antenna With Wide Impedance Bandwidth And Suppressed Cross Polarization” in International Journal of Microwave and Wireless Technologies (Cambridge University Press and the European Microwave Association, on January 2016, ISSN No: 1759-0787.

## *Humanities and Sciences*

The department of Humanities and sciences is a supporting department to all Engineering Branches. The department introduces fundamentals and basic needs required for the students to excel in their future courses of their program.

In addition to Basic Sciences like Mathematics, Physics and Chemistry, the students are also exposed to English and Environmental Science.

Engineering is mainly a domain of application of Mathematics, Physics and Chemistry. A proper knowledge of Mathematics, Physics and Chemistry is, therefore, indispensable for an engineer to excel in one's chosen field. Besides, Knowledge of English language has become an object of importance in today's professional scenario. Communication skills along with a command over English enable students to succeed in their professional life.

Overall, the department plays a crucial role to give a firm foundation to freshmen of their Engineering discipline by imbibing logical thinking, problem solving attitude and aptitude and communication to meet the future challenges confidently.



# Humanities and Sciences

❖ K. Rajkumar, Dr. V. Padmaja published a paper on “Mueller Matrix Polar Decomposition Of Breast Tissue” in ARPN Journal of Engineering and Applied Sciences, on February 2016, Vol: 11, Issue: 3, ISSN No: 1819-6608.

❖ N.Venkateswaran, P.S.Jagadeesh Kumar, L.M.I.Leo Joseph published a paper on “Tangible Pointer Trailing And Signal Appreciation For Electronic Video Gaming” in Communication on Applied Electronics, on March 2016, ISSN No: 2394-4714.

❖ K. Sreedhar, K. Shubhankar Reddy published a paper on “Image Retrieval Techniques: A Survey” in International Journal of Electronics and Communication Engineering, on April 2016, Vol: 9, ISSN No: 0974-2166.

❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan published a paper on “Network Centric Collaborative Navigation For Target Localization Using Pso Tuned Ukf In International” in International Journal of Research and Application, on June 2016, ISSN: 2394-4544.

❖ Fahimuddin.Shaik, Dr.Anil Kumar Sharma, Dr.Syed Musthak Ahmed published a paper on “Hybrid Model For Analysis Of Abnormalities in Diabetic Cardiomyopathy and Diabetic Retinopathy Related Images” in Springer Plus Journal, Springer Publications, 2016. [SCIE (Web of Science), Scopus and Pub Med Central indexed], on June 2016, DOI 10.1186/s 40064-016-2152-2.

❖ A. SubbaRao, K.Hemalatha published a paper on “Design and Implementation of Multi-Bit Flip Flop For Digital Circuit” in International Journal of Research in Advanced Engineering Technologies, on June 2016, Vol: 15, Issue: 3, Page No: 103-109.

## Conferences

❖ Soma Umamaheshwar, Tipparti Anil Kumar, K. Srinivasa Rao presented a paper on “Performance Evaluation Of Multi User MIMO Detection Technique” in International Conference on Green Computing & Internet of Things, organized by Galgotias College of Engineering & Technology, Greater Noida, New Delhi, from 8th to 10th Oct 2015.

❖ P. Krishna, K. Sreedhar, K. Kishan Rao, T. Anil Kumar presented a paper on “Multi User MIMO Transmission Modes for Transmit Diversity And Spatial Multiplexing In Long Term Evolution” in 9th International Conference on Intelligent Systems and Control, on 28th December 2015, Page No: 101-105.

❖ Fahimuddin.Shaik, Dr.Anil Kumar Sharma, Dr. Syed Musthak Ahmed presented a paper on “Presence of Abnormalities In Diabetic Related Images and Need For Image Processing Methods” in International Conference on Current Research In Emerging Trends of Management, Arts & Sciences, Technology and Skill Development, from 18th to 19th December 2015.

❖ Fahimuddin Shaik, Dr. Anil Kumar Sharma, Dr. Syed Musthak Ahmed presented a paper on “Requirement of Image Processing Methods to Detect Incidence Of Anomalies In Diabetic Related Images”, in International Conference on Current Research in Emerging Trends of Engineering, Technology, Management, Arts & Sciences, Education, Pharmacy & Medical, from 17th to 18th January 2016.

Human Rights

religion, education, diversity, integration, norms, ethnic identity, suffrage, moral, multicultural, independence, harmony, motivation, variety, agreement, speech, society, culture, equality, assurance, discrimination, legal, tolerance, community, migration, politic, rights, assistance, law, justice, life, pe, fighting, simulation, union



❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan presented a paper on “Indoor Localization of Cooperative Wsn Using Pso Assisted Akf With Optimum References” (ICCC-2016), organized by IIMT-Bhuvaneswar, from 24th to 25th January 2016.

❖ G. Renuka, V. Usha Shree, P. Chandrasekhar Reddy presented a paper on “Functional Verification Of General Purpose I/O Core Using Advanced Verification Methodology”, in International Conference on Paradigms in Engineering & Technology (ICPET), organized by Methodist College of Engineering & Technology, Hyderabad from 2nd to 3rd March 2016, Page No: 874-877, ISSN/ISBN/DOI978-93-5258-110.

❖ Sukriti, Prof. Debjani Mitra presented a paper on “Spatial Point Process Analysis Of A Cognitive Cellular Interference Model”, in International Conference on Innovations in Information, Embedded & Communication Systems (ICIIECS), organized by Karpagam College of Engineering, Coimbatore, from 17th to 18th March 2016.

❖ K. Rajkumar, Dr. V. Padmaja presented a paper on “Physically Reliable Mueller Matrix-Malignant Thyroid Tissue”, in IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), organized by SSN College of Engineering, Chennai, from 23rd to 25th March 2016.

❖ G. Renuka, V. Usha Shree, P. Chandrasekhar Reddy presented a paper on “Verification Of Communication Based Soc Using Advanced Verification Methodology”, in International Conference on Communication and Signal processing, organized by Adhiparasakthi Engineering College, Melmaru-vathur, from 6th to 8th April 2016, Page No: 0009-0012, ISSN/ISBN/DOI978-1-5090-0395-2/16/\$31.00.

### Student Achievements

E. Preetham Rao has started a startup “Qutux-Marketing in 2015.

### Placements

Name of the Company	No. of Students Placed
Syntel	02
Derron IT	03
Capgemini	01
Alliance Global Services	03
Cyient	06
Amazon	01
Hypercat Academy	06
Value Labs	04
TCS	04
Infosys	12
GGK Tech	01
CTS	05
Websynergies	03
NOVA Solutions	01
Intellinet For Google	03
Invenio Business Solutions	05
IVY Comptech	01

### Student Achievements

Name of the Student	Name of Conference/ Symposium	Organized by	Name of the Event	Month & Year
Suraj Reddy Gudelli, KoneruSravan, ArunRao Pinninty, Sunith Kumar Gunti, JayanthPerugu,	Mahindra Presents “Baja SAEINDIA-2017”	SAE INDIA, at Christu University, Kengeri Campus, Bengaluru.	Virtual Baja SAEINDIA 2016	24th – 25th June, 2016.
PallaAjithSai Naidu	National Level Sports and Games Competitions held as part of GECFEST-16	Gudlavalleru Engg College, Gudlavelleru, Krishna	Volley Ball	11th – 13th Feb. 2016.
P.Jayanth,Ch.SaiChandu, B.Ashwanth, N.Nehal Rishi	Space Development Network Conference	SathishDhawan Auditorium IISC, Bangalore.	1st Space Development Network	9 – 10 Jan. 2016

### Placements

Name of the company	No of students
Tech Mahindra	1
Varun Motors	2
Blas connect IT Services	2
TCS	2
Teleperformance	1
Cognizant	1
Genpact	1
Ad2PRO Solutions	1
Intelenet	1
Grephthor	1
Bank of India	1
Ovation	1
Aakruthi	1
Design Tech	1
T & M Services	1



❖ B.Satish Kumar “Entrepreneurship Vs Engineering Education in India” 3rd International Conference on "Next Generation Education for Entrepreneurial Engineers" [ICNGE] CED S R Engineering College, Wgl. 09-03-2016 10-03-2016

❖ Abhijeet Sethi, Deepak Kumar, Pankaj Kumar and Alok Kumar Das “The effect of ultra-sonic vibration on the surface integrity of SS304 micro holes drilled by micro EDM” Advances in Dynamics, Vibration and Control (ICADV) NIT Durgapur Department of Mechanical Engineering, NIT Durgapur 25-02-2016

❖ Ashok Kumar Vootla and Sammaiah Pulla “Factors Affecting Friction Surface Coating on Aluminum Pipe” International Conference on Information, Management, Engineering and Science (ICTIMESI), Hyderabad Hyderabad 22-01-2016 23-01-2016

❖ Pulla Sammaiah, Gujja Sunil Kumar “Design and Fabrication of bike side panel and front panel by using hybrid composite material” International Conference on “Nanoscience, Nanotechnology & Advanced Materials” Dept. of Mech. Githam University Visakhapatnam. Visakhapatnam 14-12-2015 17-12-2015

❖ P.Satish Kumar, A.Devaraju Ch.S.R.Shastry, “Effects of Tool Rotational Speed on Microstructural and Mechanical Properties of Friction Stir Welded 5083 Aluminum Alloy” International Conference on Emerging Trends in Mechanical Sciences (ICEMS-2015) Dept. of Mech. Engg., Nalla Malla Reddy College of Engg. & Tech., Hyderabad 18-12-2015 19-12-2015.

❖ N. Sudheer Kumar, P. Sammaiah K. Venkateswara Rao “Al<sub>2</sub>O<sub>3</sub> Nano Particles: Deposited on Mild Steel By Heat Treatment Process 3rd International Conference on Nano structured Materials and Nano composites (ICNM 2015) 12-12-2015 14-12-2015.

❖ Pankaj Kumar, Purushottam Kumar Singh, Manowar Hussain, Alok Kumar Das “Investigation of Surface Integrity and Material Transfer of Nickel Sheet Using micro-EDM Process” International Conference on Precision, Meso, Micro and Nano Engineering IIT Bombay Department of Mechanical Engineering, IIT Bombay 10-12-2015 12-12-2015.

❖ Purushottam Kumar Singh<sup>1</sup>, Pankaj Kumar<sup>2</sup>, Manowar Hussain<sup>3</sup>, Harish Bishwakarma<sup>4</sup>, Nirmal Kumar Singh<sup>5</sup>, Alok Kumar Das<sup>6</sup> “Synthesis and characterization of Copper nanoparticle by electrochemical discharge process” International Conference on Precision, Meso, Micro and Nano Engineering IIT Bombay Department of Mechanical Engineering, IIT Bombay 10-12-2015 12-12-2015.

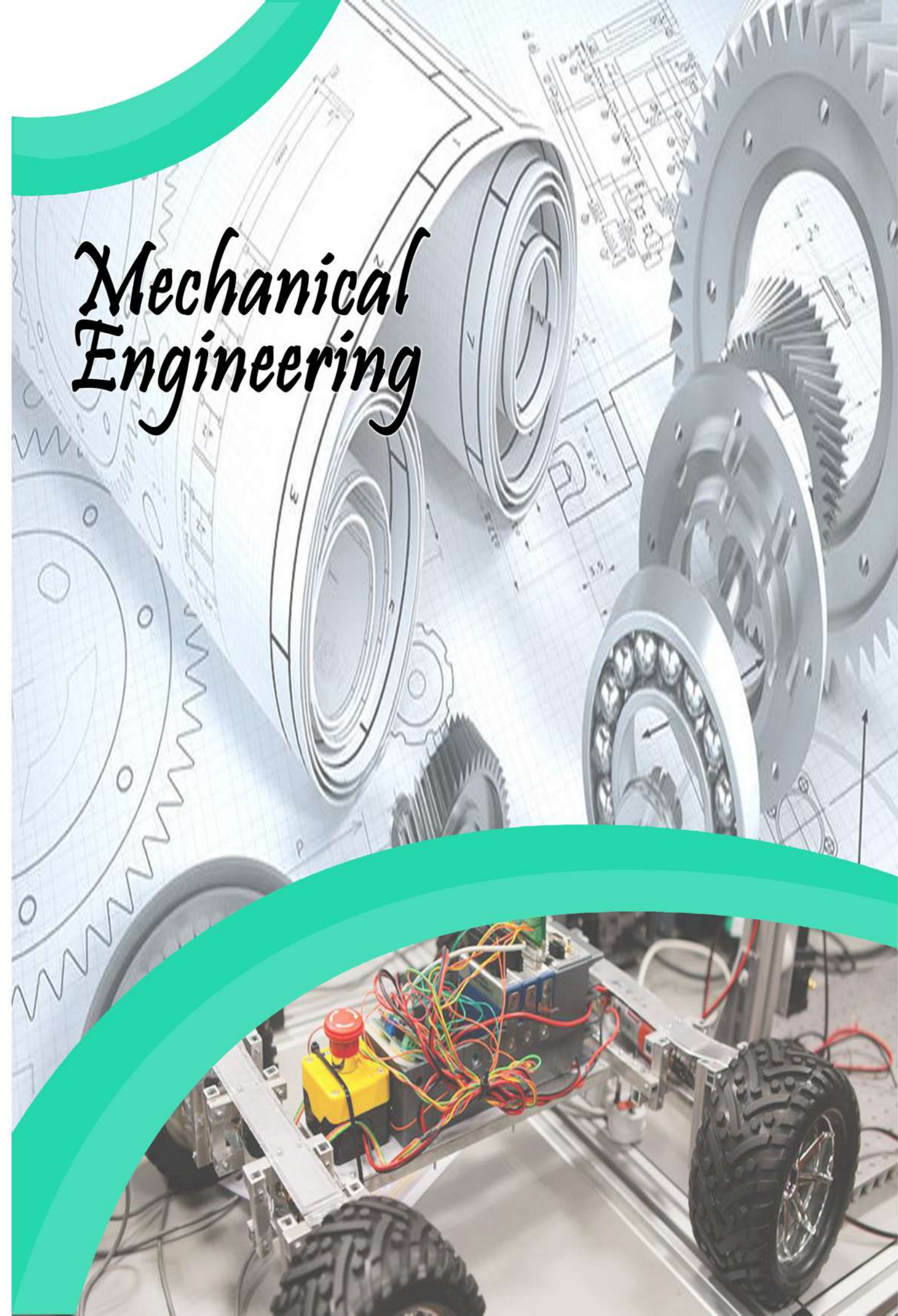
❖ Manowar Hussain<sup>1</sup>, Gulshad Nawaz Ahmad<sup>2</sup>, Mohammad Shahid Raza<sup>3</sup>, Vikash Kumar<sup>4</sup>, Pankaj Kumar<sup>5</sup>, Alok Kumar Das<sup>6</sup> “Fiber laser welding of thin sheet of Ti6Al4V and its characterization” International Conference on Precision, Meso, Micro and Nano Engineering IIT Bombay Department of Mechanical Engineering, IIT Bombay 10-12-2015 12-12-2015.

❖ S.Ugander “Optimizing the process parameters of friction stir welded AA2014 aluminium alloy by Taguchi method” 17th ISME Conference on Advances in Mechanical Engineering Dept. of Mech. Engg. IIT, Delhi. Delhi 03-10-2015 04-10-2015

❖ S.Ugander “Influence of Tool tilt angle and rotational speed on Mechanical properties of Aluminum Alloy 2014-T6 via Friction Stir Welding” International Conference on Innovative Research in Engineering, Science and Management (ISM-15) Academic Science & Conference Info, Jawaharlal Nehru University, Delhi. Delhi 20-09-2015 20-09-2015.

❖ S.Ugander, Md.Muneeruddin “Taguchi Optimization of Process Parameters in Friction Stir Welding of Aluminium 2014 & 6061 alloys” 9th International Conference on Production, Mechanical and automobile Engineering (ICPMAE 2015) ICPMAE Warangal 02-08-2015 02-08-2015

# Mechanical Engineering





## *Mechanical Engineering*

### VISION

Be a leader in promoting entrepreneurial mechanical engineering education, industry-relevant research and community building.

### MISSION

- Nurture Innovation, Creativity, Entrepreneurial Mindset, and Mechanical Engineering Knowledge in students by implementing novel educational experiences
- Develop effective instructional infrastructure and faculty resources.
- Promote interdisciplinary learning and expertise in the application of Information Technology.
- Contribute to community development and the growth of Mechanical Engineering through service, consulting and research activities

❖ S.Ugender, Md.Muneeruddin “Taguchi Optimization of Process Parameters in Friction Stir Welding of Aluminium 2014 & 6061 alloys” 9th International Journal of current Engineering and Scientific Research (IJCESR) Vol.2, 8 Aug. 2015 34-40 ISSN:2393-8374, 2394-0697

❖ N.Sudheer Kumar, P.Sammaiah, K.Venkateswara Rao, M.Sneha, Ch.Ashok. “Influence of nano solid lubricant emulsions on surface roughness of mild steel when machining on lathe machine”. Elsevier - Materials Today: Proceedings 2 2015 4413-4420.

❖ N.Sudheer Kumar, P.Sammaiah, K.Venkateswara Rao, Ch.Ashok. “Influence of nano solid lubricant emulsions on surface roughness of mild steel when machining on lathe machine”. Pelagia Research Library - Advances in Applied Science Research 67, 2015 204-208 ISSN:0976-8610

❖ P.Satish Kumar, Heena Tarannum “Friction Stir Welding of Aluminium 5086 Alloys” International Journal of Research in Engineering and Technology (IJRET) Vol.4 7 July, 2015 248-250 EISSN:2319-1163,

❖ V. Mahesh, P.V. Raja Shekar and P. Pramod Kumar “Analysis of Divergent Thinking in Indian Engineering Students” Journal of Engineering Education Transformations 29, 1 July, 2015 98-102 ISSN 2349-2473, eISSN 2394-1707

### *Conferences:*

❖ Pulla Sammaiah “Effect of parameters on microstructure and mechanical properties of Cr-Mo steel during laser surface cladding of 316 stainless steel” Poster Presentation during International Institute of Welding, 6th Welding Research and Collaboration Colloquium Hyderabad 07-04-2016 09-04-2016

❖ Dr. A.Devaraju “Preparation of nano surface layer composite (TiB<sub>2</sub>)p on 6061-T6 Aluminum Alloy via Friction Stir Processing International Conference on “Materials Processing and Characterization” GRIET, Hyderabad. GRIET, Hyderabad. 17-03-2016 18-03-2016”

❖ Dr. A.Devaraju “Influence of Post-weld Rapid cooling on Grain size and Mechanical properties of Friction Stir Welded AA 2014” International Conference on “Materials Processing and Characterization” GRIET, Hyderabad. 17-03-2016 18-03-2016

❖ Dr. A.Devaraju, P.Satish Kumar “Influence of Tool Revolving on Mechanical Properties of Friction Stir Welded 5083 Aluminum alloy” International Conference on “Materials Processing and Characterization” GRIET, Hyderabad. GRIET, Hyderabad. 17-03-2016 18-03-2016

❖ Dr. G. V. Praveen and Dr. P. Sammaiah “Inculcating Entrepreneurial skills of Graduating Engineers through Few Novel Techniques in the Program of Study” International Conference on “Next Generation Education for Entrepreneurial Engineers” - [ICNGE] CED S R Engineering College, Wgl. 09-03-2016

❖ V. Mahesh , P.V. Raja Shekar , P. Pramod Kumar , M. Kantha Reddy and Vishvaksena. Ravichandran “Design Fixation: A comparison between Native and Foreign Domains” Journal of Engineering Education Transformations 29, 2 October 2015, 35-39 ISSN 2349-2473, eISSN 2394-1707

❖ B.Santhosh Kumar, V.Mahesh, B.Satish Kumar, “Modeling and Analysis of Flexible Manufacturing System with FlexSim” International Journal of Computational Engineering Research (IJCER) Vol.05 10 Oct-15 1-6 ISSN(e):2250-3005

❖ B.Satish Kumar “Scheduling for load balancing on Machines in Flexible Manufacturing Systems (FMS)” International Journal of Informative and Futuristic Research Vol. 2, 12 Aug-15, 4462-4470 ISSN: 2347-1697



## **Faculty Publications: Journals**

- ❖ Vootla Ashok Kumar, Pulla Sammaiah “Influence of Process Parameters on Mechanical and Metallurgical Properties of Zinc Coating on Mild Steel During Mechanical Process” Elsevier - Energy Proceedings June 2016 1-10
- ❖ Purushottam Kumar Singh, Pankaj Kumar, Manowar Hussain, Alok Kumar Das, Ganesh Chandra Nayak “Synthesis and characterization of CuO nanoparticles using strong base electrolyte through electrochemical discharge process” Bulletin of Materials Science 39 2 April 2016, 469–478 10.1007/s12034-016-1159-1
- ❖ Ch.Vinay Kumar Reddy, Inugala Rajasri “Velocity Analysis of EGTs: Lever Analogy Method” International Journal for Scientific Research & Development (IJSRD) Vol. 3 Issue 12, 2016 797-799 ISSN. 2321-0613
- ❖ N.Gopikrishna, M.Shivachander, M.Srikan. “Determining the Influence of Cutting Fluid on Surface Roughness during Machining of EN24 and EN8 steel by using CNC Milling Machine” Journal for Research Vol. 1 Issue 11 January 2016, 1-4, ISSN: 2395-7549
- ❖ Kumar, Pankaj; Singh, Purushottam Kumar; Hussain, Manowar; Kumar Das, Alok “Synthesis of Silver Metal Nanoparticles through Electric Arc Discharge Method: A Review”. Advanced Science Letters 22. 1 January 2016 3-7(5) 10.1166/asl.2016.6772
- ❖ K.Santhosh Kumar, A.Ranjith, S.Phanindra, M.Devender. “Fabrication and Analysis of kenaf Fibre Reinforced composites” International Journal of Advanced Research and Development Vol. 1 Issue 01 Jan. 2016 27-29 ISSN.2455-4030
- ❖ Pankaj Kumar, Manowar Hussain, Purushottam Kumar Singh, Alok Kumar Das “A New Method for Modeling of Cathode and Anode Erosion in Micro-EDM Process” International Journal of Applied Engineering Research 10 24 2015 0973-4562 ISSN 0973-4562
- ❖ Dheeraj Joshi, L.Radhakrishna, P.Nagabramham “Mechanical Properties Of Aluminum Based Composite Materials” International Journal Of Engineering Research-Online(IJOER) Vol. 3 Issue 06 2015 242-245 ISSN 2321-7758
- ❖ N.Gopikrishna, B.Venkateshwarlu, J.Manoj Kumar, Ch.Sushanth “Thermal Analysis of Automobile Piston Made of Aluminium Alloy” International Journal for Scientific Research & Development Vol. 3 Issue 09 2015 471-475 ISSN (online): 2321-0613
- ❖ A.Devaraju, B.Satish Kumar, Harish Kumar.karapu “ Effect of Friction Stir Welding process parameters on Microstructure and Tensile properteis of 6061 Aluminum alloy” International Journal of Innovative Science, Engineering & Technology (IJSET) Vol. 2 2 Dec. 2015 552-557 ISSN:2348-7968
- ❖ A.Siddardha, V.Mahesh “An Experimental Investigation Of Divergent Thinking Abilities In Engineering Design Activity” Elk Asia Pacific Journal Of Mechanical Engineering Research 12 2015 ISSN Online: 2394-9368
- ❖ Neelima Devi Chinta, N. Selvaraj, V. Mahesh “Evaluation of Mechanical Properties and Wear Behavior of Aluminium - Red Mud Composite Synthesized By Powder Metallurgy” Journal of Ocean Mechanical and Aero Space - Science and Engineering 25 15 November, 2015 13-18 ISSN: 2354-7065
- ❖ Sriramula Sai kumar, P.Satish Kumar “Characterization and processing of friction Stir Welding on Copper welds” International Journal of Research in Engineering and Technology (IJRET) Vol. 4 Issue 11 November, 2015 86-89 eISSN: 2319-1163 | pISSN: 2321-7308

## **Conferences/Seminars/workshops/FDPs Conducted**

- ❖ A Guest lecture on “Modern Methods of Manufacturing” organized by SAE held on 14th July, 2015.
- ❖ A Guest Lecture on “Heat Transfer and Thermal Engineering” organized by SAE held on 30th August,
- ❖ A Expert Talk on “Advances in Automobile Engineering” delivered by J. Manoj Kumar held on 16th October, 2015.
- ❖ A two day orientation workshop on “Outcome Based Education” organized by ISTE held on 17th – 18th September, 2015.
- ❖ A two day workshop on “Automation and Robotics” delivered by Mr. L.Radhakrishna held on 27th – 28th January, 2016.
- ❖ A Guest Lecture on “Trends in Mechanical Engineering” organized by IIW held on 20th February, 2016.
- ❖ A five day workshop on “Processing of Advanced Materials” organized by IIW held on 3rd – 7th March
- ❖ A One week Training program on “Hypermesh” delivered by Mr. L.Radhakrishna held from 5th–10th November, 2015.
- ❖ A One day workshop on “Pedagogy and Techniques in Teaching” organized by IUCEE held on 30th December, 2015.
- ❖ A Expert Lecture on “How to write a research paper” delivered by Dr. P. Sammaiah held on 24th October, 2015.
- ❖ A Expert lecture on “Recent Advances in Materials & Manufacturing” organized by IEI held on 17th December, 2015.

## **Conferences/Seminars/workshops/FDPs Attended:**

- ❖ A two day Training program on “Use of Flex-Sim software in Manufacturing System Simulation” delivered by Mr. L.Radhakrishna held from 25-06-2015 to 26-06-2015. - Training Students & Faculty Dept. of Mech. Engg.
- ❖ An expert talks on “Introduction to Product Life Cycle Management (PLM) and Industry Application” delivered by Mr. Sridhar Gupta Infosys and Mr. Ravi Kumar EDS Technologies held on 03-09-2015, Training Students & Faculty Dept. of Mech. Engineering at faraday hall.
- ❖ A one day training programme on “Outcome Based Education ” delivered by Mr. B. Satish kumar, Training for Faculty Dept. of Mech. Engg held on 20-11-2015.
- ❖ A one day training on “Refreshment Programme of Auto CAD” delivered by Mr. L.Radhakrishna, Training for Faculty
- ❖ A one day training programme on “Expert Lecture on Aerospace Technology - The Role of Mechanical Engineer” delivered by Mr. Surender Kumar, Former Director of ARDE. Dr. B.Hariprasad, Dy. Director of DRDL, held on 13-02-2016.



# Cultural Events

