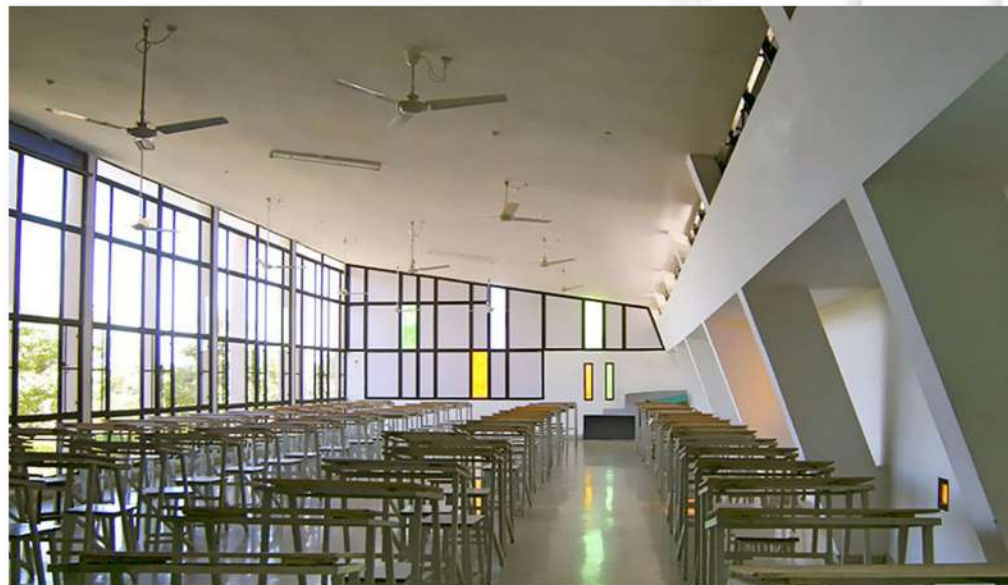




SR ENGINEERING COLLEGE
 Approved by AICTE, New Delhi | Affiliated to JNTUH | Accredited by NAAC 'A' Grade
 Ananthasagar (V), Hasanparthy (M), WARANGAL - 506 371
 (An Autonomous Institution)



S R E C



News Bulletin ,20 17

SR ENGINEERING COLLEGE
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 Ananthasagar (V), Hasanparthy (M), WARANGAL - 506 371
 (An Autonomous Institution)

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
Mr. K. Raj kumar	G. Bhargav	Member, ECE
Mr. A. Harsha Vardhan	Akhil	Member, CSE
Mr. A. Siva Krishna	T. Vinay Raj	Member, CE
Mr. J. Manoj Kumar	Vinay Rao	Member, ME
Dr. KBVSR Subrahmanyam	Ismail	Member, EEE
Dr. V. Radhika Reddy	N Laxman	Member, HSc
Mrs. Kafila	H.Nishanth Sharma	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

The critical need everywhere is to prepare students to lead successful, fulfilling lives. That is to provide such educational experiences that can nurture in them the three basic attributes the Knowledge, Skills and Attitude interconnected with the Society. The ability to resolve problems in Society, Critical thinking and Creativity are essential qualities required for the Next Generation Engineers.

Technology advancements have changed the education and will continue to do so. The challenge is to keep the natural predisposition for learning alive in our students throughout. As the world becomes more connected, education urgently needs to prepare students to participate in our global community. Both government and business leaders today need employees who are able to work internationally.

Keeping this at the fore front, SR Group has established institution with a vision to produce such graduates who can compete in the modern world, face challenges and resolve issues in its region



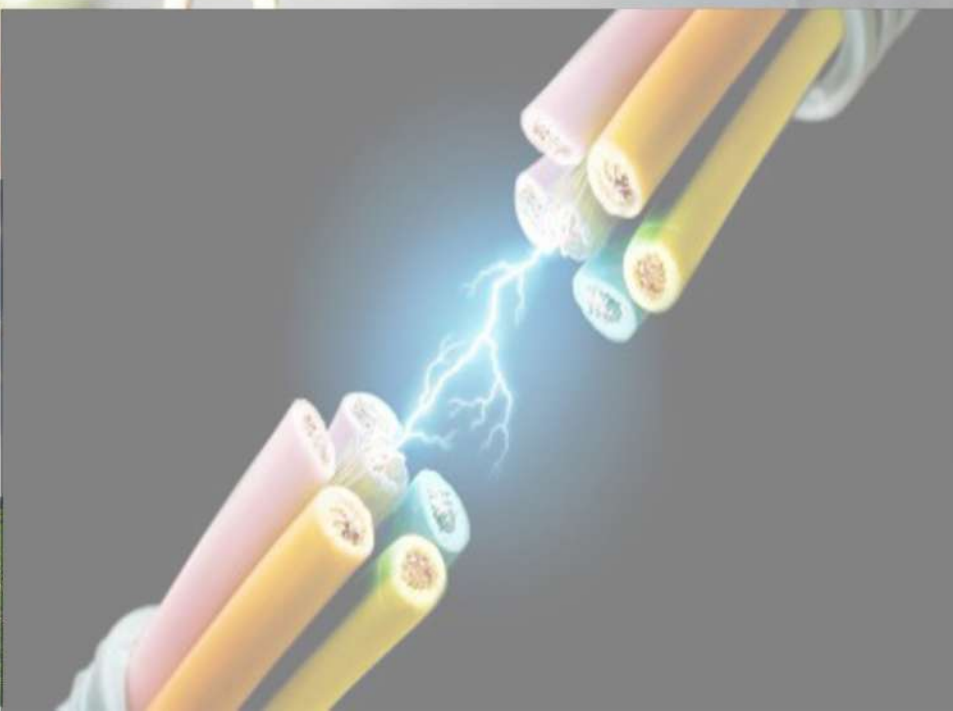
Sri. A. Varadhar Reddy
Chairman
S R Educational Society



Sri. A. Madhukar Reddy
Secretary
S R Engineering College

SREC is presently running with five disciplines of Under Graduate Engineering Programmes - ECE, EEE, ME, CE and CSE and six PG Programmes - M.Tech (ES), M Tech (EDT), M.Tech (PE), M.Tech (CSE), M.Tech (AMS) and MBA.

Electrical and Electronics Engineering





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:

- ❖ A Guest Lecture on “Measuring Instruments and Distribution Transformers” by Mr. Hariji Jatoth, DE, National Power Training Institute, Mulugu Road, Warangal on 23rd July, 2016.
- ❖ A Guest Lecture on “Higher Education System” by M. Sravan Kumar, Wichita University, USA on 6th Aug, 2016.
- ❖ A workshop on “MATLAB-Simulink and its Applications” by Mr. Ritesh Kumar, Mr. B.Vedik & Ms. Kumari Prerna, Asst. Professors, SR Engineering College, Warangal on 27th August 2016.
- ❖ A Two day STTP on “NI LabView and Its applications” by Mr. S. Charles, Senior Field Application Engineer, Embedded System Solution Pvt. Ltd, Bangalore on 16th& 17th Sep, 2016.
- ❖ A one day workshop on Hands on “Experience using NI LabView for Lab applications in Electrical Engineering” by Dr. J. Praveen, prof. & Head & Prof. V. Vijaya Rama Raju, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 2nd Oct, 2016.
- ❖ The Department has conducted a Special Talk on “Industrial Automation” by Mr. N.C. Srinivas, on 1st Mar 2017.

Faculty Publications:

Journals

- ❖ D.Pallavi, KBVSR Subrahmanyam “PQ Theory Controlled Statcom for Grid Connected Wind Driven Induction Generator for Power Quality Improvement”, International Journal of Research, 3(17), Nov. 2016, pp. 591-595.
- ❖ 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.
- ❖ K. Pavani and D. Rajababu, “Enhancement of Power Quality using Self Supported DVR”, International Journal of Research, 3(17), Nov. 2016, pp. 572-576.
- ❖ B. Sathyavani, HarikaRachamalla “Sustainable Architecture of Wind Energy Conversion System based on Neuro-Fuzzy Approach” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 5, Issue 8, August 2016
- ❖ MM Irfan, Kodepaka Jerusha, “Design of Integrated System for Bi-Directional Power Flow between the Electric Vehicle and DC or AC Grid”, International Journal of Research, Volume 3, Issue 14, Oct-2016.

Placement Success meet

- The Placement Success Meet was held on 24th April, 2017. All the students along with their parents attended the event



SRIMUN

- SRIMUN'17 was held on 6th Jan, 2017.



TEDxSREC



What is TEDx:

In the spirit of ideas worth spreading, TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. At a TEDx event, TEDTalks video and live speakers combine to spark deep discussion and connection in a small group. These local, self-organized events are branded TEDx, where x = independently organized TED event. The TED Conference provides general guidance for the TEDx program, but individual TEDx events are self-organized (subject to certain rules and regulations).

1 st Season of TEDxSREC:

Theme : EXPLORE

Date of the event : 25/02/2017



❖ P. Dhananjanyulu, K. Rajeshwar Reddy, "Design Of High Reliable Configuration For Single-Phase Transformer-Less Inverter In Photovoltaic Systems", International Journal and Innovation Research (IJATIR), ISSN 2319- 8885, Vol. 05, October-2016.

❖ K. Rajkumar, KodepakaJehoshama, "Analysis of Effective Control Strategy for Three Phase Inverter in Distributed Generation", International Journal of Research, Volume 3, Issue 14, P ISSN : 2348-6848, Oct-2016.

❖ MudhigiriRamu, M.M.Irfan "LCL-Filters for Grid-Connected Inverters" International Journal of Advanced Research in Science, Engineering and Technology Vol. 4, Issue 1, January 2017, Pg 3143

❖ M.M.Irfan, P.Sammaiah, "Service Learning course in the Engineering curriculum: EPICS" Journal of Engineering Educational Transformations, JEET through ICTIEE-17 organized by IUCEE

❖ AVV Sudhakar, Chandram K, Jaya Laxmi A, "Profit based unit commitment for GENCOs using Lagrange Relaxation-Differential Evolution", Elsevier International Journal on Engineering Science and Technology, 20, Apr, 2017, 738-747.

Student Achievements:

Title of the Publication /Event	Name of the student(s)	Organizers	Date of the Publication
Free software movement of India	K. Sri Charan	B. S Abdur Rahman University	26/01/2017-29/01/2017
Autonomous Robotics	K. Sri Charan	KUCE & T	05-06/02/2017
ROBO-ZEST-17	K. Sri Charan	KITS Warangal	16-17/02/2017
Spring Fire-17 Quiz	G. Swathi	SVS Group of Institutions warangal	16/02/2017-17/02/2017
Spring Fire-17 Quiz	B. Soumya	SVS Group of Institutions warangal	16/02/2017-17/02/2017
Spring Fire-17 Technical Quiz	S. Rakesh	SVS Group of Institutions warangal	16/02/2017-17/02/2017
Spring Fire-17 Technical Quiz	P. Akhil	SVS Group of Institutions, warangal	16/02/2017-17/02/2017
ROBO Tryst-2017	K. Sri Charan Reddy	IIT- DELHI	24-27/02/2017
PRAGNYA-2017 Quiz	K. Sri Charan Reddy	JNTUH	21-22/03/2017
PLC Programming contest	S. Dheeraj	Electromation Technologies	20/04/2017
PLC Programming contest	SamreenTabasum	Electromation Technologies	20/04/2017
PLC Programming .contest	B. Ruchitha Rao	Electromation Technologies	20/04/2017

Various Activities:

❖ A Cultural Fest ‘Electro Spark’ was organized by the department on 29th September 2016. This was a part of cultural events under Technotrendz-2K16.



❖ An expert talk on "Switch Gear & protection" was delivered by Mr. Syed Moinuddin, Electromation Technologies, Hyd.



Traditional Day Celebrations



Students Achievements in Sports :

❖ Runner up of Hyderabad Cricket Association under 19 State Level Cricket Tournament organized by Medak District Cricket Association, Medak from 06th to 13th September, 2016.



G. PAVAN RAJ
(I B.Tech – ECE)



P. ROHITH
(IV B.Tech – Civil)



P. ISAAC JOY
(I B.Tech – CSE)

❖ Winners of Hyderabad Cricket Association Inter District under 23 Cricket Tournament organized by Mahabubnagar District Cricket Association, Mahabubnagar from 09th August to 03rd September 2016.



G. PAVAN RAJ
(I B.Tech – ECE)



P. ROHITH
(IV B.Tech – Civil)



P. ISAAC JOY
(I B.Tech – CSE)

❖ Runner up of Eenadu Champions Cricket Cup 2016 organized by Eenadu Group of Companies at Kaktiya Medical College, Warangal in the month of December 2nd Week.

❖ Runner up of 15th SR Champions Trophy 2017, South India Inter Engineering Collegiate T-20 Cricket Tournament organized by SR Engineering College, Warangal from 03rd to 11th January, 2017.



❖ Runner up of JNTU Zone-B Inter Engineering Collegiate Cricket Tournament organized by Sri Chaithanya College of Engineering, Karimnagar from 20th February to 03rd March, 2017.

Honors:

❖ Charla Rajesh 13K4 1A0286 Secured 87.19%



Placements:

Name of the Company	No. of Students Placed
Tech Mahindra	04
Capgemini	06
Tvarana	06
Vedicsoft	04
Amazon	05
HGS	05
Intellent for Google	06
Windcare India Pvt Ltd	06
Genpact	01
Srivari Enterprises	04
AXA	01
Rivigo Prime	01
Trade Ocean Cargo & Logistics Pvt Ltd	06

Civil Engineering

Inter Departmental Sports Competitions for Boys & Girls (Phase - I)

The Inter Departmental Sports Competitions for boys and girls was conducted between 8th July to 5th Aug 2016. 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.



Inter Departmental Sports Competitions for Boys & Girls (Phase - II)

The Inter Departmental Sports Competitions for boys and girls was conducted between 20th January to 25th January 2017. Dr. V. Mahesh, Principal was present during the inauguration. The various events held were Foot Ball, Cricket, Athletics etc.



SR Group of Institutions Staff Tournament

SR Group of Institutions Staff Tournament was held between 23th Nov to 28th Nov, 2016. the various events held for the faculty were Cricket, Volley Ball, Badminton, Throwball, Carroms



9th SR Staff Champions Trophy

The Inter Engineering Collegiate Staff (T-20) Cricket Tournament was held between 5th Feb to 5th Mar 2017.

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.



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

15th SR Champions Trophy

The 15th South India Inter Engineering Colligate (T-20) cricket tournament SR Champions Trophy-2016 was organized and conducted from 3th to 11th January-2017. Students from the Andhra Pradesh, Karnataka, Tamil Nadu, Kerala states participated in the tournament. DR. G. Sudheer Babu, IPS, Commissioner of Police Warangal District was the chief guest during the event. SR engineering College was the runner up of the tournament.

Conferences/Seminars/workshops/FDPs Conducted:

- ❖ A seminar on “Bio Mimicry and Design with Nature” delivered by Dr.A.V.Rao HOD, Department of BioTechnology, KU, Warangal under IE student chapter on 02nd July, 2016.
- ❖ A Guest Lecture on “Commands and Building Drawings” delivered by Prashanth Hugar, MICADD, Co-Director, Bangalore under IE student chapter on 20th July, 2016.
- ❖ A seminar on “Public Policies and Local Development” delivered by Dr. M. Srinivas, Professor, Department of Law KU, Warangal under 19th August, 2016.
- ❖ An Industrial Visit on “FPD, BMPC, Building Materials” to Kesoram Cement Factory, Basanthnagar, Pedapalli, Karimnagar under IE student chapter on 16th September, 2016.
- ❖ A Guest Lecture on “Stress Distribution & Shear Strength” delivered by Dr. Hare Krishna, Professor, Department of Civil Engineering, NIT Warangal under IE student chapter on 19th September, 2016.
- ❖ A Guest Lecture on “Intellectual Property Rights & Fashion Design Loss” delivered by Paladugula Alekhy, Advocate, High Court, Hyderabad under IE student chapter on 28th September, 2016.
- ❖ A seminar on “Landscape Architecture” delivered by Dr. S. Kumar, Professor & Principal, Dept of Architecture, JNAFAU, Hyderabad under IE student chapter on 15th December, 2016.
- ❖ A seminar on “Architecture and Building Materials” delivered by Dr. PhaniSree Vagvala, Professor, Dept of Architecture, JNAFAU under IE student chapter on 27th January, 2017.
- ❖ A Guest Lecture on “Advanced Construction Materials” delivered by Dr. C. Krishna Raju B. V. Raju Institute of Technology Vishnupur under IE student chapter on 16th February, 2017.
- ❖ A Guest Lecture on “Advances in Geotechnical Engineering” delivered by DR. M.V.S Sreedhar, Associate Professor, Osmania under IE student chapter on 03rd March, 2016.

Faculty Publications:

Journals /Conferences

- ❖ G.V. Praveen (2017). Study of Triaxial Behavior of Geotextile Reinforced Marginal Soil Without and with Cement Modification for Subgrade Construction of Pavements. International Journal of Engineering and Technical Research (IJETR), 7(5).
- ❖ G.V. Praveen (2017). A study on characterization of cement concrete by addition of steel fibre as an admixture. International journal of Advance Research in Science and Engineering, 6(3).
- ❖ Ravi Kumar T, A.Siva Krishna (2017). Design and Testing of Fly-Ash Based Geo Polymer Concrete. International Journal of Civil Engineering & Technology (IJCIET), 8(5), 480-491.
- ❖ Siva Krishna A, Harish Kumar M and Ravi Kumar T (2017). Application of Damage Evaluation Techniques to A Culvert. International Journal of Civil Engineering & Technology (IJCIET), 8(5), 809-818.

❖ The IIPC Cell has conducted Industrial visit to “Distribution Sub Station” 33/11KV .MULUGU ROAD, 29th July 2016 From Electrical and Electronics Engineering Department, SR Engineering College

❖ A Guest Lecture on “Big Data” Guest/Speaker Profile: Dinan Biswas Working in ATMECS Hyderabad Software Engineer , held on 2nd July, 2016.



❖ A Guest lecture on “Internet of things and Analytics” delivered by Mr.Vijay Gunti, Digital Enterprise Services-SAP, Hyderabad held on 20/08/2016.

Industry Visit to Deloitte



❖ Guest Lecture Conducted by Professor Mr. Vishnu on topic: Financial Modeling (Opportunities to invest in Financial Markets) on July 2016.

❖ SR Engineering College has taken Membership with HMA as part of Professional Association HMA in July 2016.

❖ A Guest Lecture on “Space Technology-The Role Of Engineers” Guest/Speaker Profile: Sri.Dr.A.M. Varaprasad, DRDO Ex.Senior Scientist, Advisor SDNx. held on 30th July 2016.



❖ HMA Chapter opened on 4th August 2016 in SR Engineering College .20 Students from BM Department has taken membership for HMA.

Activities under IIPC

❖ Industrial Visit of II years students to AIR, Warangal .39 students of II year ECE visited All India Radio (AIR) , Warangal on 25/07/2018.



Student Program at AIR, Warangal



Students watching Control Panel



Students at AIR, Warangal



Students at Microwave dish Antenna

❖ The IIPC & ISTE Cell has conducted third guest lecture on “Measuring Instruments & Distribution Tranformers”, 23th JULY 2016 Resource person- Mr HARJI JATOTH, ADE, NPTI . Warangal.

❖ The IIPC & ISTE Cell has conducted INTRACTION on “Higher Education System” on , 6th AUGUST 2016 to B.Tech III YEAR (A&B) Resource person- Mr M. SRAVAN KUMAR Masters in Wichita State University Specialization in power systems

❖ The IIPC Cell has conducted Industrial visit to “Electric Loco Shed” KAZIPET. WARANGAL ON 3rd August 2016 for IV Year(A) Students From Electrical and Electronics Engineering Department, SR Engineering College.

❖ Alok. G, Siva Krishna. A (2017). Education Engineering Research & Other Special Talks. Proceedings of '4th International conference on Transformations in Engineering Education (ICTIEE-2017)' Organized by Vardhaman college of Engineering, Hyderabad, India.

Placements

Name of the Company	No. of Students Placed
RVM Construction Pvt. Ltd	12
Tata Projects	04
Kasturi Infotech	06
TBSS	01
Intelenet For Google	11
Cloud Machine	01

Computer Science and Engineering

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

Industry Institute Partnership Cell

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.



Industrial

Visit



Conferences/Seminars/workshops/FDPs Conducted:

- ❖ A Two day Faculty Development Program on “Research issues, Future trends and patentable areas in cloud computing” was organized by the Department of Computer Science & Engineering in association with SERB, Govt. of India, the resource person Kumar Gaurav , Manager, Magma research & consultancy, Haryana on 12th& 13th August 2016 Under the Chairmanship of Dr. R.Vijaya Prakash, Professor and Head and Mr. A. Srinivas, Assistant Professor, as well as Mr. Y. Nagender, Assistant Professor, Co-ordinated the event in the benefit of teaching and non-teaching staff of the institute.
- ❖ A Guest lecture on "Big Data" by Mr.Dinan Biswas Software Engineer ATMECS, Hyderabad. Organized by Ms. J.Bhavana and Mr. A.Harshavardhan on 2nd July, 2016.
- ❖ A Guest lecture on “Higher Education” by Overseas Education Organized by Department of CSE on 16th July, 2016.
- ❖ An Expert Talk on “Research methodology” by Dr. Shirish H. SonawaneNIT, Warangal on 20th July, 2016 Organized by Dean, R&D.
- ❖ Student activity Program on “Power Point presentation” (Cyber Punks Activity) organized by Ms. J. Bhavana and Mr. A.Harshavardhan on 23rd July,2016.
- ❖ Student activity Program on “Aptitude Test” (Cyber Punks Activity) organized by Ms. J.Bhavana and Mr. A.Harshavardhan on 6th Aug, 2016.
- ❖ Ms. J.Bhavana and Mr. A.Harshavardhan are conducted a Student activity program on “Cyber Punks Activity” (Quiz) on 25th June, 2016.
- ❖ A Faculty Development Program on “Research Issues future trends and patentable area in cloud computing” on 13-08-2016.



FDP held on 12th& 13th August 2016



Expert Talk on “Research methodology”

- ❖ Dr. N. Suman Kumar published a paper titled,” A Study of New age Media Influence on Indian children” at International Journal of Commerce and Behavioral Science, volume 6, issue 4, pp.10-16, ISSN: 2251-1547, in February 2017
- ❖ Mr. D. Srinivas published a paper titled, “Data Mining - Solution for the Business Environment”, at International Journal of Academic Research, volume 4, issue 1(4), pp. 61-66, IF. 4.53, ISSN: 2348-7666, in January 2017.
- ❖ Ms. M. Rajyalaxmi published a paper titled, “Employee Engagement through effective performance management”, at Indian Journal of Applied Research, Volume 6, Issue 12, pp. 712-714, ISSN: 2249-555X/10. 15, in December 2016
- ❖ Mr. G. Satheesh Raj published a paper titled,” Customer preferences towards Patanjali products: A Study on consumers with reference to Warangal district” at International Journal of Commerce and Management Research, volume 2, issue 11, pp.26-28, ISSN: 2455-1627, in November 2016.

Sponsored Research Projects:

- ❖ Mr. N. Suman Kumar is the principal investigator of the project titled, “New Age Media Effects on Children & their role in Family Purchase Decisions”, funded by UGC (SERO) and sanctioned on 28/1/2015. Period of the project was from 2015-2017.
- ❖ Mr. G. Satheesh Raj is the principal investigator of the project titled, “A Study on Innovative Models in Engineering Education to Encourage Entrepreneurial Ideas and Nurturing Them towards Technopreneurship”, funded by UGC (SERO) and sanctioned on 28/1/2015. Period of the project was from 2015-2017.

Industrial Visit

- ❖ Students of MBA Final Year along with faculty have visited “Pembarthi Metal Handi Crafts”, Leading Brass Handi craft manufacturers in india located at Village:Pembathi, Dist:Warangal on April 13, 2017.



- ❖ Mr. D. Srinivas, Asst Prof, attended a Work shop on “Research Methodology” conducted by Centre for Research and Consultancy, SREC on 120th July, 2016.
- ❖ Ms. Kafial and Ms. Rajya laxmi, attended a Workshop On “Research Methodology for Social sciences” Conducted by IIT MAdras from 2nd jan to 7th Jan 2017.
- ❖ Dr. N. Suman Kumar, attended a workshop on “Teaching Excellence” conducted by ISB, Hyderabad on 24th April, 2017.

International/National Conference participation/presentation :

- ❖ Mr. D.Srinivas, presented a paper in International conference organized by DSIET & Matrusri Eng. College, Hyderabad on 7th April 2016 , title “A New technique to secure data over cloud”.
- ❖ Mr. D.Srinivas, presented a paper in International conference organized by Department of Economics, Kakatiya University, Warangal on 28th and 29th Jan 2017 ,title “Data Mining - Solution for the Business Environment.
- ❖ Mr. D.Srinivas, presented a paper in International conference organized by Department of Economics, Kakatiya University, Warangal on 28th and 29th Jan 2017 ,title “Data Mining - Solution for the Business Environment”.
- ❖ Ms.Kafila presented a paper in International conference organized by IIT Madras, on 11-14th August 2016, title “Impact of volatility in stock prices on Economy and investors”.
- ❖ Ms Rajya Laxmi presented a paper in National conference organized by KU Womens College Subedari, on 23-24th March 2017, title “Sustainable HRM Practices in Make in India”.
- ❖ Ms Kafila presented a paper in National conference organized by KU Womens College Subedari, on 23-24th March 2017, title “Impact of financial services in Promotig Make India”.
- ❖ Mr. D.Srinivas, Participated in International conference titled “25 Years of Economic Reforms in India” organized by, Kakatiya University, Warangal on 28th Jan 2017
- ❖ Mr. D.Srinivas, Participated in International conference titled “Recent Engineering and Technology” organized by, Organisation of Science, Innovative Eng and Tech, DSIET& Matrusri Eng. College , Hyd on 7th April 2017 .

Faculty Publications:

Journals /Conferences

- ❖ Dr. N. Suman Kumar published a paper titled,” A study of Consumer Socialization and Impact of Advertising on Children & Youth” at International Journal of Research in Commerce, Economics and Management., volume 7, issue 3, pp.30-33, ISSN: 2231-4245, in March 2017
- ❖ Ms. Kafila published a paper titled,” Financial Inclusion - An Indian Perspective” at AIRO International Research Journal, volume 9, ISSN: 2320-3714, in March 2017.

Conferences/Seminars/workshops/FDPs

Attended:

- ❖ Mr. A. Harshavardhan, Assistant Professor, attended a conference in “7th International Conference on Recent Engineering & Technology 2017” at Matrusri Engineering College, Hyderabad held on 07th April, 2017.
- ❖ Mr. P. Praveen, Assistant Professor, attended a conference in “7th International Conference on Recent Engineering & Technology 2017” at Matrusri Engineering College, Hyderabad held on 07th April, 2017.
- ❖ Mr. T. Sampath Kumar, Assistant Professor, attended a conference in “7th International Conference on Recent Engineering & Technology 2017” at Matrusri Engineering College, Hyderabad held on 07th April, 2017.
- ❖ Mr. M.Sreenu attended a Workshop on “CYBER CUBE-2017” (from 23rd to 27th, March-2017) organized by Cyber Intelligent Research Laboratory, Cochin University of Science and technology.
- ❖ Mr. Y. Nagendar attended a Workshop on “Engineering Education and Research Seminar” (on 02-Feb, 2017) organized by National Instruments.
- ❖ Mr. B.Vijaya Kumar attended a Workshop on “Engineering Education and Research Seminar” (on 02-Feb, 2017) organized by National Instruments.
- ❖ Mr. K.Sudheer Kumar attended a Seminar on “Engineering Education and Research Seminar” (on 02-Feb, 2017) organized by National Instruments.
- ❖ Mr. Srinivas Aluvala attended a Seminar on “Engineering Education and Research Seminar” (on 02-Feb, 2017) organized by National Instruments.
- ❖ Mr. N.Vijay Kumar attended a Workshop on “Transforming Learning Outcomes to Employment Outcomes” (on 6th Jan-2017) organized by International Conference on Transformations in Engineering Education 2017.
- ❖ Mr S.Naresh Kumar attended a Workshop on “Transforming Learning Outcomes to Employment Outcomes” (on 6th Jan-2017) organized by International Conference on Transformations in Engineering Education 2017.
- ❖ Mr S.Naresh Kumar attended a Workshop on “Transformation Engineering Education” (from 6th -8th Jan-2017) organized Vardhaman College of Engineering, Hyderabad.
- ❖ Mr. Srinivas Aluvala attended a Workshop on “Engineering Education and Research Seminar” (on 02-Feb, 2017) organized by National Instruments.
- ❖ Dr.K.Seena Naik attended a Workshop on “Nurturing Engineering Education Cognitive Science (NEECS)” (from 16th to 17th Dec-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ K.Sudheer Kumar attended a Workshop on “Nurturing Engineering Education Cognitive Science (NEECS)” (from 16th to 17th Dec-2016) organized by SR Engineering College, Hasanparthy, Warangal.

- ❖ N.Vijay Kumar attended a Workshop on “Nurturing Engineering Education Cognitive Science (NEECS)” (from 16th to 17th Dec-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ S.Vahini attended a Workshop on “Nurturing Engineering Education Cognitive Science (NEECS)” (from 16th to 17th Dec-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ N.Vijay Kumar attended a Workshop on “Inter National Engineering Educator Certification Workshop” (from 14th-16th Nov-2016) organized by IUCEE.
- ❖ Ch.Sandeep attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ Dr.R.Vijaya Prakash attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ V.Swathi attended a Workshop on “Intellectual Property Rights and Innovation Management” (on 16th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ S.Naresh Kumar attended a Workshop on “Intellectual Property Rights and Innovation Management” (on 16th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ 22 J.Bhavana attended a Workshop on “Intellectual Property Rights and Innovation Management” (on 16th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ Kiran H Patil attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ M.Sheshikala attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ P.Kumaraswamy attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ K.Sudheer Kumar attended a Workshop on “Research Issues Future Trends and Patentable Areas in Cloud Computing” (from 12th - 13th Aug-2016) organized by SR Engineering College, Hasanparthy, Warangal.
- ❖ Dr. C V Guru Rao attended a Conference on “A Study on Data Perturbation Techniques in Privacy Preserving Data Mining”, (May-2016) organized by International Conference on Computational Intelligence and Informatics (ICCI 2016).
- ❖ Dr.C V Guru Rao and P. Kumaraswamy attended a Conference on “A Survey on Key Authentication Schemes in Public Key Cryptography”, December 2016, First International Conference on Recent Innovations in Engineering and Technology (ICRIEAT-2016), ICRIEAT-2016.



- ❖ A Guest Lecture on “E-Sales” by Mr. Venu Babu, Team Leader, Strategic E-Sales, Mumbai, has addressed MBA and IMBA Students about the Importance of E-Sales, On-line Banking support, Financial Back office work and E-Commerce applications on 04-05-2017.

Conferences/Seminars/workshops/FDPs Attended:

- ❖ Dr. N. Suman Kumar Assoc. Prof attended a Faculty Development Program on “Entrepreneurship Educator Program – National Entrepreneurship Network” organized by Marri Laxman Reddy Institute of Technology, Hyderabad.
- ❖ Ms. Rajya Laxmi, Asst Prof, attended a Faculty Development Program on “IUCEE International Engineering Educator Certification Workshop (Phase-I) conducted by IUCEE on 14th to 16th November 2016.
- ❖ Ms. Kafila, Asst Prof, attended a Faculty Development Program on “IUCEE International Engineering Educator Certification Workshop (Phase-I) conducted by IUCEE on 14th to 16th November 2016.
- ❖ Mr. D. Srinivas, Asst Prof, attended a Faculty Development Program on “IUCEE International Engineering Educator Certification Workshop (Phase-I) conducted by IUCEE on 14th to 16th November 2016.
- ❖ Mr. Parmindersingh, Asst.Prof attended a Faculty Development Program On “Perform or Perish” conducted by Hyderabad Management Association(HMA) on 9th Novemeber, 2016.
- ❖ Dr. N.Suman Kumar, Asso.Prof attended a Faculty Development Program On “Engineering Project Management” conducted by Indian Institute of Science, Bangalore on 14th to 18th Novemeber, 2016.
- ❖ Mr. D. Srinivas, Asst Prof, attended a Work shop on “Intellectual Property Rights and Innovation Management” conducted by Centre for Research and Consultancy, SREC on 16th to 17th September, 2016.
- ❖ Ms. Kafila and Ms. M. Rajya laxmi attended a workshop on “ How to write research Proposal?” organized by R&C, SREC, Warangal.

Conferences/Seminars/workshops/FDPs Conducted:

- ❖ A Guest Lecture on “E-Commerce” by Pabba Banulaxman, Founder and CEO, shopitsoon.com, has addressed MBA and IMBA Students about Importance of E-commerce, How to start a Company and Pros and cons of startup company within the region on 20-07-2016.



- ❖ A Guest Lecture on “Investors protection and SEBI Role” by Dr. B. Vishnu Kumar, Financial Adviser, Certified by SEBI, has addressed MBA and IMBA Students about the Importance investments, Analyse the market situation and role of SEBI in protecting the Investors on 29-07-2016.

- ❖ A Orientation Course / workshop on “Leadership quotient, Classroom to career and Personal Branding” by Pathuri Rama Rao, CEO MATEX Industries PVT. Ltd, Ravi Krishna Rao Devulapally, Director ZINTEC Software Pvt. Ltd, Mr. Vijay Vedantam, Vice President ATLAS Financial Research Consulting Private Ltd, Ravi Kumar Peesapati, Secretary HMA, and Dr. A .R Aryasri, Convener SDP HMA addressed to Mba Students on How to Build Organisation, How to develop personal branding, Leadership quotient and Personal branding on 04-08-2016.



- ❖ A Guest Lecture on “Learning for Success” by Prof. V.V. Subramanya sarma, Principal and Head, UCCBM, Kakatiya University, Warangal, addressed MBA and IMBA Students about the challenges and strategies in learning and achieving success on 14-12-2016.

- ❖ Mr. N.Vijay Kumar attended a Conference on “The Fourth International Conference on Transformations in Engineering Education-ICTIEE’17 (from 6th Jan-2017).

- ❖ Dr. C V Guru Rao attended a Conference on “Autonomic Computing and Computer Systems” (from 6th - 7th Jan-2017).

- ❖ Mr. S.Naresh Kumar attended a Conference on “Transformations In Engineering Education” (from 6th - 11th Jan-2017) Organized by The Fourth International Conference on Transformations in Engineering Education-ICTIEE-2017.

- ❖ Mr. Syed Nawaz Pasha attended a Conference on “Current Research Advances in Computer Science” (CRACS-17) (from 17th & 18th March-2017) organized by Kakatiya University, Warangal.

- ❖ Mr. D RAMESH attended a Workshop on “Intellectual Property Rights and Innovation Management” (from 16th-17th Sep-2016) organized by SR Engineering College, Hasanparthy, Warangal

- ❖ Mr. D.Ramesh attended a Conference on “Current Research Advances in Computer Science”(CRACS-17) (from 17th & 18th March-2017) organized by Kakatiya University, Warangal.

- ❖ Mr. Ch.Jayanth Babu attended a Conference on “Current Research Advances in Computer Science” (CRACS-17) (from 17th & 18th March-2017) Kakatiya University, Warangal.

Faculty Publications:

Journals

- ❖ Dr. C.V.Guru Rao, Professor and P.Kumaraswamy, Assistant Professor published a paper entitled “Empirical Study of a Key Authentication Scheme in Public Key Cryptography”, in International Journal of Engineering Research and Application, March-2017, ISSN : 2248-9622.

- ❖ Dr.C.V.Guru Rao, Professor and P.Kumaraswamy, Assistant Professor, published a paper entitled “Key Authentication Scheme-based on Discrete Logarithms and Chinese Remainder Theorem”, in Defense Science Journal, Nov-2016, DOI: 10.14429/dsj.66.9649.

- ❖ Dr.C.V.Guru Rao, Professor, published a paper entitled “MIMC: Middleware for Identifying & Mitigating Congestion Level in Hybrid Mobile Adhoc”, in International Journal of Advanced Computer Science and Applications (IJACSA), Nov-2016, DOI:10.14569/IJACSA.2016.071117.

- ❖ Dr.C.V.Guru Rao, Professor, published a paper entitled “Survey on Network Coding-aware Routing”, in International Journal of Wireless Communications and Network Technologies (IJWCNT), Nov-2016, ISSN:2319 6629.

- ❖ Dr.C.V.Guru Rao, Professor, published a paper entitled “Performance of AODV Routing Protocol enabled by Network Coding” in International Journal of Computational Science and Engineering, 2016.

- ❖ Dr.C.V.Guru Rao, Professor and P.Kumaraswamy, Assistant Professor published a paper entitled “ A Survey On Key Authentication Schemes In Public Key Cryptography”, in International

Conference on Recent Innovations in Engineering and Technology (ICRIEAT-2016), 22-December-2017, ISBN:978-1-5396-2645-9.

❖ Dr.R.Vijaya prakash Professor, Ms. M.Sheshikala, Assistant professor,published a paper entitled “Join-less approach for finding co-location Patterns- using map-reduce framework”, inJournal of Theoretical and Applied Information Technology, 2016, ISSN: 1992-8645.

❖ Dr.R. Vijaya Prakash Professor, Ms. M.Sheshikala, Assistant professor,published a paper entitled “A novel rank based co-location pattern mining Approach using map-reduce”, inJournal of Theoretical and Applied Information Technology, 2016, ISSN: 1992-8645.

❖ Mr. Y.Nagendar, Assistant professor, published a paper entitled “Public Auditing for Secured Data in Cloud Storage”, inInternational Journal For Technological Research In Engineering, ISSN(O):2347-4718, ISSN (P): 2347-9450.

❖ Mr. D RAMESH, Assistant Professor, published a paper entitled “COGNITIVE THINKING FOR MOBILE ROBOT IN PATH PLANNING”,InInternational Journal of Latest Trends in Engineering and Technology,2016.ISSN:2278-621X.

❖ Mr. Sallauddin Mohmmad, Assistant Professor, published a paper entitled “IoT Middleware For Device Privacy On Big Data”, in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 2016.

❖ Mr. Sallauddin Mohmmad, Assistant Professor, published a paper entitled “Energy Efficient Architecture Using Cluster Based Multipath Routingin Large Scale Wireless Sensor Networks”, in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 2016.

❖ Mr. N.Vijay Kumar,Assistant Professor, published a paper entitled “Information Flow Control For Secure Cloud Computing”, in International Journal For Technological Research In Engineering, Dec-2016, ISSN:2347-4718.

❖ Mr. P.Praveen, Assistant Professor and B. Rama,Assistant Professor, published a paper entitled “A Novel Approach to Improve the Performance of Divisive Clustering - BST”, in Data Engineering and Intelligent Computing. Advances in Intelligent Systems and Computing, vol 542, 5th & 6th , Nov-2016, DOI: 10.1007/978-981-10-3223-3_53.

Placements:

Name of the Company	No. of Students Placed
Tech Mahindra	06
Capgemini	09
Zenopsys	02
Tvarana Software Sol	04
CSSI	03
Cloud Machine	01
Byju's	01
Amazon	03
HGS	13
Cyient	02
Intelenet for Google	08
IBM	18
Genpact	02

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

Business Management

Infosys (BPO)	02
Tech Mahindra (BSG	02
AXA	05
TradeOcean Cargo &Logistics Pvt. Ltd.	01
Saibal Info Management Solutions	02
HCL	02
L-CUBE Innovative Solutions Pvt. Ltd.	02
United IT	01
Centrix software India Pvt.Ltd.	03
Global Logic	02
TBSS	02
Mindtree Ltd. Solutions Pvt. Ltd.	01
TCS	01
Advent Global	01
CSC	01
CTS	01



Electronics and Communication Engineering

SREC CLUBS

LITERARY CORNER

The Literary Club aims at improving the Literary Skills among the students. The Club organized JAM sessions, Debate and Group Discussions. An innovative programme called 'Film Critics' was also organized during this academic year.

PRAKRUTHI - NATURE CLUB

Plantation activity took place under the banner of a government initiative called 'Haritha Haram' and students from all years participated actively in plantation.

TARANGINI - CULTURAL CLUB

This club organized various events and competitions such as Song & Dance, Pencil Art, Short Film Contest during the academic year. The 'Traditional Day' was organized on 08 February 2017 with great pomp and show.



SCIENCE CLUB

The Club organized 'Science Day' on 5th March 2017. A poster presentation event and a Guest Lecture by Prof. A. Ramachandraiah, Department of Chemistry, NITW was organized.

BE HUMANE CLUB

This club focuses on building values among the students. An invited talk on "Human Values and Ethics" was organized by Motivational Speaker, Sri. Shanthi Swaroop.



- ❖ E. Purushotham published a paper on “Thermal Properties of Strained Metal Carbide Nanoparticles”, Journal of advanced physics, American Scientific Publishers (ASP), Vol.5, PP 259-262, 3 in September 2016
- ❖ N.Harish published a paper on “Poet’s Mussses on nature: In Tintern Abbey”, Research journal of English language and literature, Vol.5, PP 142-143, 4 in 4/1/2017.

Various Activities:

- ❖ Orientation Programme and Parents meet was conducted from 4th August 2016 to 6th August 2016 for the freshmen. Invited talks by eminent personalities from Academia & Industry were arranged for during the programme.



- ❖ International Women’s Day -2017 was held with the theme of talk “Be Bold for Change” Delivered by Sri A.Madhavi Sailu



- ❖ Science Club Student Activity centre organized the science day celebration on March 5th 2016. Professor A. Ramachandraiah, Department of Chemistry, NITW delivered lecture on the occasion.

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:

❖ The A Two day workshop “Regional Students Professional Awareness Congress-2016” (RSPAC’16) was organized by SREC IEEE Student Branch, on 28th & 29th September, 2016.

❖ A Two day boot camp on “Introduction to Open Hardware and Internet of Things” organized by ECE IETE Professional Society, on 29th & 30th December, 2016, by Swecha & Team, Hyderabad.

❖ A Technical Talk on “Modern Trends In Digital Communicatins”, organized by SREC IEEE Student Branch , on 21st January 2017, by Sri. A. Athif Shah, Chairman & Managing Director, ABE Semiconductor Design, Chennai.

❖ A Guest Lecture on “Latest Trends in Communication” organized by ECE IETE Professional Society , on 3rd March, 2017, by Ch. Ramesh, I.E.S.

❖ A Two day workshop on “Fundamentals of Digital Signal Processing”, organized by SREC IEEE Student Branch, on 17th & 18th March 2017, by Dr. Ramesh Babu, Professor, Dept. of EIE, Pondichery College of Engineering, Pondichery.

❖ A two day workshop on “Recent Trends in VLSI Design and Embedded Systems”, organized by SREC IEEE Student Branch, on 17th & 18th March 2017, by Dr. P. Chandrashekar, University College of Engineering, OU, Hyderabad and Dr. R. Hemalatha, University College of Engineering, OU, Hyderabad.

❖ A two day workshop on “Verilog for Digital System Design and Hands on Experience on VLSI Simulation/Synthesis Lab Portion of Digital Design”, organized by SREC IEEE Student Branch, on 8th & 9th June 2017, by Dr. K. Swaminathan.

❖ A Boot Camp on “Experiential Learning Boot Camp on Creating Smarter Products Using Arduino”, organized by Department of ECE, from 3rd & 4th June, 2017 by ECE Department Faculty.

Conferences/Seminars/workshops/FDPs Attended:

❖ P. Anuradha, G.Renuka attended a one day workshop on "How To Write Research Proposals", organized by Center for research and consultancy, SR Engineering College, Warangal, on 16th September 2016.

❖ P. Ramchandar Rao, B.Girirajan attended a Two day short term training program on "Ni Labview And Its Applications", organized by Department of EEE,SR Engineering College, Warangal, from 16th and 17th September 2016.

❖ M. Sampath Reddy, J. Tarun, A. Subbarao, G. Renuka, P. Anuradha, Pritam Singh Bakariya, Shankaranand Ja are attended a three day workshop on "Iucee International Engineering Educator

❖ K. Devender attended a workshop on “Research in Engineering Education” SREC, Warangal, Warangal, dated on 20-21st, December-2017.

❖ K. Devender attended a IUCEE Certificate Program on “IUCEE International engineering educator certification program” SREC, Warangal, Warangal, dated on Sept 2016 to Aug-2017.

❖ Dr.V. Radhika attended a workshop on “Research in Engineering Education” organized by S R Engineering College, Warangal, dated on 20-21st, December-2017.

❖ Dr.V. Radhika attended “All India road show on women's economic empowerment through entrepreneurship” organized by TIE Global, Warangal, dated on dated on 21-23, February, 2017.

❖ Dr.V. Radhika attended a workshop on “IUCEE International Engineering Educator Certification” organized by SREC, Warangal, dated on dated on 14 - 16th November, 2016.

Faculty Publications

Journals

❖ R.B.Sharma, B.Ravinder. published a paper on “On a subclass of harmonic univalent functions defined by convolution and integral convolution”, International Journal of pure and Applied Mathemaics, Vol.117, PP 135-145,7 2017.

❖ P.V. Raja Shekar, D. Madhavi Latha and V.G.K.M. Pisipati published a paper on “Investigations on three and two coefficient Cauchy model for refractive indices of 5O.m and 6O.m liquid crystals”, Optical Materials, Vol.64, PP 564-568 in Jan, 2017.

❖ D. Madhavi Latha , P.V. Raja Shekar, V.G.K.M. Pisipati and P. Pardhasaradhi published a paper on “Estimation of thermodynamical and molecular parameters in homologues series of alkoxybenzylidene alkyl anilines (no.m) compounds”, International Journal of Advancement in Engineering Technology, Management and Applied Science, Vol.4, PP 63-80, 2 in Feb, 2017.

❖ E. Purushotham published a paper on “Effect of Lattice Strain on the Debye-Waller Factors of Cadmium Nanopowder”, Journal of advanced physics, American Scientific Publishers (ASP), Vol.5, PP 241-243, 3 in September 2016

❖ E. Purushotham published a paper on “Compilation and Anisotropy of Debye-Waller Factors in Hexagonal Cu1-x Znx Alloys”, Journal of advanced physics, American Scientific Publishers (ASP), Vol.5, PP 244-246, 3 in September 2016

❖ E. Purushotham published a paper on “Synthesis and Thermal Properties Investigation of Ballmilled Metal Nanopowder”, Journal of advanced physics, American Scientific Publishers (ASP), Vol.5, PP 247-253, 3 in September 2016

❖ K.Shreeshailam attended workshop on “Workshop on Introduction to Gaussian Theory and Practice” Delhi, India, dated on 16 - 20th Jan 2017.

❖ Dr. P.V.Ramana Rao attended FDP on “Concept Based Teaching and Learning Physics through Experiments in Undergraduate Education” NIT, Warangall, dated on 2- 4th March 2017.

❖ Dr. D. Praveena attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by Department of Chemistry, Kakatiya University, Warangal, dated on 24 - 25th March 2017.

❖ Dr.V. Radhika attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by S R Engineering College, Warangal, dated on dated on 24 - 25th March 2017.

❖ J. Sunil Kumar attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by S R Engineering College, Warangal, dated on dated on 24 - 25th March 2017.

❖ Dr. E. Purushotham attended FDP on “Concept Based Teaching and Learning Physics through Experiments in Undergraduate Education” NIT, Warangall, dated on 2- 4th March 2017.

❖ Dr. P.V.Ramana Rao attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ Dr. E.Purushotham attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ K.Shreeshailam attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ Dr.C. Balarama Krishna attended National Conference on “XXVI Congres of A P Society for Mathematical Sciences & National conference on Recent Advances of Mathematics” organized by Kakatiya University, Warangal, dated on 11-13th August, 2017.

❖ G. Anusha attended National Conference on “National Conference on Essence of Mathematics and Engineering Applications” organized by Department of Mathematics, K L University, Vaddeswaram, Guntur District, Andhra Pradesh, dated on 17th & 18th November, 2017.

C ertificate(Phase-I)", organized by Center for Research and Consultancy, SR Engineering College, Warangal, from 14th to 16th November 2016.

❖ S. Umamaheshwar, P. Krishna, J. Ravichander, P. Ramchandar Rao are attended a one week Faculty Development Program on "Signal Processing Techniques", organized by Department of ECE, M.V.S.R. Engineering College, Nadergul, Hyderabad, from 15th to 19th November 2016.

❖ G. Renuka, Ch. Rajendra Prasad, A. Rajeshwar Rao, K. Divya, P.Ramchandar Rao, P.Anuradha are attended a Two day National workshop on "Nurturing Engineering Education Through Cognitive Science (Neeecs)", organized by Cognitive Science Center, SR Engineering College, Warangal, from 16th to 17th December 2016.

❖ G. Renuka, P. Anuradha, M. Sampath Reddy, S. Srinivas, K. Naveen, N. Shilpa, Soma Umamaheshwar are attended a Seminar on "Trick Your Latent Self &Trigger", organized by Department of ECE, KITS, Huzurabad, on 20th December 2016.

❖ G. Mahesh Kumar, P. Ramchandar Rao attended a three days International conference on "Fourth International Conference On Transformation In Engineering Education", organized by Vardhaman College of Engineering, Hyderabad, from 6th to 8th January 2017.

❖ Ch. Rajendra Prasad attended a Two day International workshop on “Advanced Modeling of Signals & Systems For Industrial Applications”, organized by Department of ECE, K L University,Vijayawada, from 9th and 10th January 2017.

❖ P.Ramchandar Rao attended a seminar on “Engineering Education & Research”, organized by National Instruments India, at Warangal on 2nd February 2017.

❖ P. Ramchandar Rao, P. Anjali, B. Lavanya, R. Chaitanya, K. Hemalatha, T. Sravani, N. Swetha, I. Rama devi, Ch. Harish, M. Raj Kumar, K. Naveen, A. Rajeshwar Rao, Ch. Rajendra Prasad, K. Sreedhar, S. Srinivas, A. Subbarao, K. Rajkumar are attended a Two day faculty development workshop on “Recent Trends In Vlsi & Embedded Systems”, organized by Department of ECE, SR Engineering College, Warangal, from 17th to 18th March 2017.

❖ N. Shilpa, B. Saritha, Ch. Sridevi Reddy attended a One week Faculty Development Program on "Effective Teaching And Learning Of Digital Electronics", organized by Department of ECE,NIT Warangal, from 21st to 25th March 2017.

Faculty Publications:

Journals

❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan published a paper on “Enhancement of Indoor Localization in WSN Using PSO Tuned EKF” in International Journal of Intelligent Systems and Applications (IJISA), on July 2016, Vol: 8, Issue: 12, ISSN: 2074-9058.

❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan published a paper on “Localization of Cooperative Wsn Using Distributed PSO With Optimum References” in International Journal of

Electrical and Computer Engineering (IJECE), a Scopus indexed journal, on July 2016, Vol: 6, Issue: 6, ISSN: 2088-8708.

❖ B. Lokapavani, S.Umamaheshwar published a paper on “An In-House Automatic Observer System In Automobiles” in International Journal of Innovative Technology and Research, on July 2016, Vol: 4, Issue: 4, Page No: 3401-3403, ISSN: 2320-5547.

❖ N.Swathi, P.Goverdhan published a paper on “A Base-Station Frequency Band Sharing Using Coalition Process” in International Journal of Innovative Technology and Research, on July 2016, Vol: 4, Issue: 4, Page No: 3404-3405, ISSN: 2320-5547.

❖ P. Mounika, G. Madhuri published a paper on “Automated Customer Travelling Information & Pricing Methods” in International Journal of Innovative Technology and Research, on July 2016, Vol: 4, Issue: 4, Page No: 3299-3301, ISSN: 2320-5547.

❖ K.Geetha, S. Sravanthi published a paper on “A Radio Network to Observer Machines Used Extensively For Ill-Ones” in International Journal of Innovative Technology and Research, on July 2016, Vol: 4, Issue: 4, Page No: 3312-3314, ISSN: 2320-5547.

❖ K. Anil Kumar, K. Divya published a paper on “Secure and Privacy Preserving Smartphone Based Traffic Information System” in International Journal of Innovative Technology and Research, on July 2016, Vol: 4, Issue: 4, Page No: 3412-3414, ISSN: 2320-5547.

❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan published a paper on “Localization of WSN Using Distributed Particle Swarm Optimization Algorithm With Precise Reference” in Journal of Communications Technology, Electronics and Computer Science, on July 2016, Vol: 7, Issue: 7, ISSN: 2457-905X.

❖ K. Rama, B.Saritha published a paper on “An Algorithm to Expand the Graphical Appearance of The Host Image” in International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), on August 2016, Vol: 4, Issue: 8, Page No: 5897-5901, ISSN: 2321-5461.

❖ Enumula Vinay, G. Renuka published a paper on “WSN -Based smart building power management system using IoT” in International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), on August 2016, Vol: 4, Issue: 8, Page No: 6154-6158, ISSN: 2321-5461.

❖ B. Srujana Yadav, M. Sampath Reddy published a paper on “Modular Approach for Future Research to Feat the Spatial Time-Base Data” in International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), on August 2016, Vol: 4, Issue: 8, Page No: 5892-5896, ISSN: 2321-5461.

❖ M. Harika, Ch. Sridevi Reddy published a paper on “Image Processing Based Assistive System For Label Detection With Voice Output for Blind People” in International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), on August 2016, Vol: 4, Issue: 8, Page No: 5902-5908, ISSN: 2321-5461.

Conferences/ Seminars/Workshops/FDPs Presented:

❖ Dr. V. Radhika presented a paper on “Department of Chemistry, JVR Govt. College, Sathupally”, Khammam, dated on 27-28th January, 2017.

❖ Dr. V. Radhika presented a paper on “Effect of dimethylin water”, Department of Chemistry, Kakatiya University, Warangal dated on 24 - 25th March 2017

❖ Dr. T.Sathyanarayana presented a paper on “Human nature versus nature and envirmetal to words worth” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ Dr. T.Sathyanarayana presented a paper on “Globalization who speaks for earth” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ D.Santhosh presented a paper on “A Contemporary critical analysis of john kert ode to autum” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ N.Harish presented a paper on “The art muses on nature” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ B.Ravinder presented a paper on “On a subclass of harmonic univalent functions defined by convolution and integral convolution” organized by Matrusri Eng. College, Hyderabad, dated on 7April 2017.

❖ Dr. V. Radhika presented a paper on “ION Solution Behaviour-Solvent Mixtures”, Department of Chemistry, Govt. Degree College, Jammikunta, dated on 6-7th April 2017.

Conferences/Seminars/workshops/FDPs Attended:

❖ Dr. E. Purushotham attended FDP on “Intellectual property rights and innovation management” SREC, Warangal, dated on 16-17,September,2016.

❖ B.Ravinder attended National Workshop on “Two-day national workshop on Nurturing engineering education through cognitive science” organized by S R Engineering College, Warangal, dated on 16-17 December 2016.

❖ G.SwamyReddy attended National Workshop on “Two-day national workshop on Nurturing engineering education through cognitive science” organized by S R Engineering College, Warangal, dated on 16-17 December 2016.

❖ K.Shreeshailam attended workshop on “Workshop on Introduction to Gaussian Theory and Practice” Delhi, India, dated on 16 - 20th Jan 2017.

❖ Dr. P.V.Ramana Rao attended FDP on “Concept Based Teaching and Learning Physics through Experiments in Undergraduate Education” NIT, Warangall, dated on 2- 4th March 2017.

❖ Dr. D. Praveena attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by Department of Chemistry, Kakatiya University, Warangal, dated on 24 - 25th March 2017.

❖ Dr.V. Radhika attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by S R Engineering College, Warangal, dated on dated on 24 - 25th March 2017.

❖ J. Sunil Kumar attended a National Seminar on “National Seminar on Recent Trends and Challenges in Chemical Sciences” organized by S R Engineering College, Warangal, dated on dated on 24 - 25th March 2017.

❖ Dr. E. Purushotham attended FDP on “Concept Based Teaching and Learning Physics through Experiments in Undergraduate Education” NIT, Warangall, dated on 2- 4th March 2017.

❖ Dr. P.V.Ramana Rao attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ Dr. E.Purushotham attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ K.Shreeshailam attended workshop on “Awareness workshop on Diffraction and Other Characterization Techniques in Materials Science” Department of Physics, Kakatiya University, Warangal, dated on 12 - 13th April 2017.

❖ Dr.C. Balarama Krishna attended National Conference on “XXVI Congres of A P Society for Mathematical Sciences & National conference on Recent Advances of Mathematics” organized by Kakatiya University, Warangal, dated on 11-13th August, 2017.

❖ G. Anusha attended National Conference on “National Conference on Essence of Mathematics and Engineering Applications” organized by Department of Mathematics, K L University, Vaddeswaram, Guntur District, Andhra Pradesh, dated on 17th & 18th November, 2017.

❖ K. Ashwini, Ch. Rajendra Prasad published a paper on “Optimized Implementation of Mac Unit Using Spst In Fpga Technology” in International Journal of Advancement in Engineering and Technology, Management & Applied Science (IJAETMAS), on August 2016, Vol: 3, Issue: 8, Page No: 94-101, ISSN: 2349-3224.

❖ M. Shiva, S. Srinivas published a paper on “Implementation of RFID Based Train Localization” in International Journal of Innovative Technology and Reaesrch, on September 2016, Vol: 4, Issue: 5, Page No: 3841-3843, ISSN: 2320-5547.

❖ D. Nikitha, P. Anuradha published a paper on “Driver Assistance and Safety System for Car” in International Journal of Science, Engineering and Technology Research (IJSETR), on September 2016, Vol: 5, Issue: 27, Page No: 5518-5524, ISSN: 2319-8885.

❖ L. Geetha, K. Sreedhar Reddy published a paper on “Enhancement of Different Images Using Adaptive Method in SVD” in International Journal of Innovative Technology and Research, on September 2016, Vol: 4, Issue: 5, Page No: 3908-3911, ISSN No: 2320 -5547.

❖ B. Siddartha, K. Raj Kumar published a paper on “Monitoring of Rice Crops Using Gprs and Wireless Sensors for Efficient Use of Water And Electricity” in International Journal of Innovative Technology and Research, on September 2016, Vol: 4, Issue: 5, Page No: 3933-3935, ISSN No: 2320 -5547.

❖ L.Raju, V. Rajesh published a paper on “Error Identification In Ram Using Input Vector Monitoring Concurrent Bist Architecture” in International Journal of Innovative Technology and Research, on September 2016, Vol: 4, Issue: 5, Page No: 3924-3929, ISSN No: 2320-5547.

❖ T. Sravani, Leo Joseph Maria Irudaya published a paper on “Design of High Speed Error Detection Network Augumented During Speculation Failure” in International Journal of Scientific Engineering and Technology Research, on October 2016, Vol: 4, Issue: 31, Page No: 7414-7418, ISSN No: 2319-8885.

❖ P. Anjali, G. Renuka published a paper on “High Accuracy Fixed Width Modified Booth Multiplier Based on Mlcp” in International Journal of Science, Engineering and Technology Research, on October 2016, Vol: 5, Issue: 31, Page No: 6406-6411, ISSN No 2319-8885.

❖ Dr. Syed Musthak Ahmed published a paper on “An Improved Model for Analysis of Diabetic Retinopathy Related Imagery” in Indian Journal of Science and Technology, on October 2016.

❖ G. Renuka, Dr. V. Usha shree, P.Chandrasekhar Reddy published a paper on “Functional Verification of Complex SOC By Advanced Verification Methodology” in International Journal of VLSI System Design and Communication Systems, on November 2016, Vol: 4, Issue: 12, Page No: 1308-1312, ISSN No: 2322-0929.

❖ Y. Srikanth, Ch. Sridevi Reddy published a paper on “An Autonomous Mobile Robot for Refinery Inspection” in International Journal of Innovative Technology and Research, on November 2016, Vol: 4, Issue: 6, Page No: 4552-4554, ISSN No: 2320 -5547.

❖ Swetha Ireni, A. Pradeep published a paper on “Movement Parament in Mobile Sensor Networks” in International Journal of Innovative Technology and Research, on November 2016, Vol: 3, Issue: 6, Page No: 105-109, ISSN No: 2349-6002.

❖ K. Sreedhar, V. Rajanesh published a paper on “A New Approach to Image Denoising By Patch -Based Algrithm” in International Journal of Advanced Research in Computer and Communication Engineering, on December 2016, Vol: 5, Issue: 12, Page No: 212-218, ISSN No: 2320 -5547.

❖ P.Krishna published a paper on “A Review on Importance of Improving Spectral Efficiency in Massive Mimo Communications” in International Journal of Advanced Engineering Research and Science (IJAERS), on December 2016, Vol: 3, Issue: 12, Page No: 68-75.

❖ J. Ravichander, Ch.Balaswamy, K.Soundararajan published a paper on “Localization of Cooperative WSN Using Distributed PSO With Optimum References” in International Journal of Electrical and Computer Engineering, on December 2016, Vol: 6, Issue: 6, ISSN No: 2088-8708.

❖ Soma Umamaheshwar, T. Anil Kumar, K. Srinivas Rao published a paper on "K-BEST Sphere Decoder Algorithm for Spatial Multiplexing Mimo Systems", organized by Indian Journal of Science and Research, on January 2017, Page.No: 21-28, ISSN: 2250-0138.

❖ Soma Umamaheshwar, T. Anil Kumar, K. Srinivas Rao published a paper on "Performance Analysis of K-BEST Sphere Decoder Algorithm for Spatial Multiplexing Mimo Systems", organized by International Journal of Pure and Applied Mathematics (IJPAM), on January 2017, Vol: 114, Issue: 10, Page.No: 97-107, SCOPUS, ISSN: 1314-3395.

❖ B. Swetha, G. Renuka published a paper on "Design of IoT Based Intelligent Controlling of Appliances and Parameter Monitoring System for Environment", organized by International Journal of Advanced Research Trends in Engineering and Technology, on January 2017, Vol: 4, Issue: 2, Page No: 234-239, ISSN: 2394-3777.

❖ A. Mounika, K. RajKumar published a paper on "Under Water Positioning Navigation Based on Metal Detector", organized by International Journal Of Advanced Research Trends In Engineering and Technology, on January 2017, Vol: 4, Issue: 2, Page No: 227-233, ISSN: 2394-3777.

❖ Subba Rao, Pratik Ganguly published a paper on "Power Optimization in System on Chip By Implementation Of Efficient Cache Architecture", organized by International Journal of Industrial Electronics and Electrical Engineering, on January 2017, Vol: 5, Issue: 1, ISSN: 2347-6982.

❖ J. Ravichander, Ch. Balaswamy, K. Soundararajan published a paper on "Enhancement Of Indoor Localization In WSN Using PSO Tuned EKT", organized by International Journal of Intelligent Systems and Applications (IJISA), on February 2017, DOI:10.5815/ijisa.2017.02.02.

❖ M. Lavanya, B. Saritha published a paper on "Power Source Capacity Of Optimum Sizing &Analysis of Renewable Energy in Microgrid", organized by International Journal of Advanced Research Trends in Engineering and Technology, on March 2017, Vol: 4, Issue: 17, Page No: 144-148, ISSN: 2394-3785.

Conferences/ Seminars/Workshops/FDPs Presented:

❖ Dr. V. Radhika presented a paper on “Department of Chemistry, JVR Govt. College, Sathupally”, Khammam, dated on 27-28th January, 2017.

❖ Dr. V. Radhika presented a paper on “Effect of dimethylin water”, Department of Chemistry, Kakatiya University, Warangal dated on 24 - 25th March 2017

❖ Dr. T.Sathyanarayana presented a paper on “Human nature versus nature and envirmetal to words worth” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ Dr. T.Sathyanarayana presented a paper on “Globalization who speaks for earth” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ D.Santhosh presented a paper on “A Contemporary critical analysis of john kert ode to autum” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ N.Harish presented a paper on “The art muses on nature” organized by Department of English, Kakatiya University, Warangal, dated on 30-31st March, 2017.

❖ B.Ravinder presented a paper on “On a subclass of harmonic univalent functions defined by convolution and integral convolution” organized by Matrusri Eng. College, Hyderabad, dated on 7April 2017.

❖ Dr. V. Radhika presented a paper on “ION Solution Behaviour-Solvent Mixtures”, Department of Chemistry, Govt. Degree College, Jammikunta, dated on 6-7th April 2017.

Conferences/Seminars/workshops/FDPs Attended:

❖ Dr. E. Purushotham attended FDP on “Intellectual property rights and innovation management” SREC, Warangal, dated on 16-17,September,2016.

❖ B.Ravinder attended National Workshop on “Two-day national workshop on Nurturing engineering education through cognitive science” organized by S R Engineering College, Warangal, dated on 16-17 December 2016.

❖ G.SwamyReddy attended National Workshop on “Two-day national workshop on Nurturing engineering education through cognitive science” organized by S R Engineering College, Warangal, dated on 16-17 December 2016.

Humanities and Sciences

The department of Humanities and sciences is a supporting department to all Engineering Branches. In addition to Basic Sciences like Mathematics, Physics and Chemistry, here 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 language play a vital role to enable a student to succeed in one's student as well as professional life. Overall, the department plays a crucial role to give a firm foundation to students in the I year of their Engineering by imbibing logical thinking, problem solving attitude and aptitude and communication to meet the future challenges confidently.

❖ D. Sravani, B. Saritha published a paper on "Electro Visits in Primary Health Care and Its Analysis", organized by International journal of Advanced Research Trends in Engineering and Technology, on March 2017, Vol: 4, Issue: 17, Page No: 122-128, ISSN: 2394-3785.

❖ Soma Umamaheshwar, T. Anil Kumar, K. Srinivas Rao published a paper on "Study and Improvements of Capacity Bounds of Spatial Multiplexing MIMO Systems With Hardware Impairments", organized by International Journal of Control Theory and Applications, on March 2017, Vol: 10, Issue: 21, Page.No: 79-87, ISSN: 0974-5572.

❖ Patteti Krishna, M. Sampath Reddy, K.Sreedhar Reddy published a paper on "Performance Evaluation Of Multi-Carrier DCSK System Over Multipath Fading", organized by Indian Journal of Scientific Research (IJSR), on April 2017, ISSN: 2250-0138.

❖ Patteti Krishna, M. Sampath Reddy, B. Balaji published a paper on "Study And Improvements Of Spectral Efficiency Analysis In MIMO Communications", organized by International Journal of Pure and Applied Mathematics (IJPAM), on April 2017, Vol: 114, Issue: 10, Page No: 109-118, Scopus, ISSN: 1311-8080.

❖ N. Siddhartha, G.Renuka published a paper on "Coding Schemes For Implementation Of Fault Tolerant Parallel Filter(UGC)", organized by International Journal of Advanced Research Trends in Engineering and Technology, on April 2017, Vol: 4, Issue: 12, Page No: 167-175, ISSN: 2394-3785.

❖ M. Sampath Reddy, T. Anil Kumar, K. Srinivasa Rao published a paper on "Performance Analysis Of Maximal Spectral Efficiency For Multicell Massive MIMO Systems", organized by International Journal Control Theory and Applications (IJCTA), on May 2017, Vol: 10, Page No.: 329-341, Scopus.

❖ M. Sampath Reddy, T. Anil Kumar, K. Srinivasa Rao, published a paper on "A Robust Study of Spectral Efficiency For Space Constrained Massive MIMO Systems", organized by Indian Journal of Scientific Research (IJSR), on May 2017, ISSN: 2250-0138.

❖ Ch. Rajendra Prasad, Polaiah bojja published a paper on "A Novel Audio Noise Cancellation Using Non-Diagonal Time Frequency Algorithm", organized by International Journal Control Theory and Applications (IJCTA), on June 2017, Vol: 10, Issue: 22, Page No: 141-148, SCOPUS.

Conferences

❖ Fahimuddin Shaik, Dr. Anil Kumar Sharma, Dr. Syed Musthak Ahmed presented a paper on "Detection And Analysis Of Diabetic Myonecrosis Using An Improved Hybrid Image Processing Model", in International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB16), on August 2016, ISSN/ISBN/DOI 978-1-4673-9745-2 ©2016 IEEE.

❖ Ravichander Janapati, Ch. Balaswamy, K. Soundararajan presented a paper on "Censored Localization For Cooperative Wsn Using Distributed PSO Algorithm", in International

Conference on Recent Trends in Engineering, Technology and Science, organized by STJ Institute of Technology, from 12th to 13th August 2016, Page.No: 173-179.

❖ M. Sampath Reddy presented a paper on “A Robust Study Of Spectral Efficiency For Space Constrained MIMO System” in International Conference on Recent Innovations in Engineering and Technology, organized by Gandhi Institute of Engineering and Technology, Gunupur, Odisha, from 5th to 6th November 2016.

❖ P. Krishna presented a paper on “Performance Evaluation Of Multicarrier DSSS System Over Multipath Fading”, in International Conference on Recent Innovations in Engineering & Technology (ICRIET-2K16), organized by Gandhi Institute of Engineering and Technology, Gunupur, Odisha, from 5th to 6th November 2016.

❖ A. Subba Rao, Prathik Ganguly presented a paper on “Power Optimization In System On Chip By Implementation Of Efficient Cache Architecture”, in International Conference on Knowledge, organized by Department of Information and Sciences (ICTKITS-16), KKR & KSRITS, Guntur, from 11th to 12th November 2016.

❖ M. Sampath Reddy, P. Krishna, T. Anil Kumar, K. Srinivasa Rao presented a paper on “Performance Bounds For Spectral Efficiency Of Space Constrained Massive MIMO Systems” in IEEE Proceedings of International Conference on Engineering & Technology (ICET-2016), Coimbatore, from 16th to 17th December, 2016, Page.No: 70-74, ISSN/ISBN/DOI/DOI: 978-1-5090-3212-9.

❖ M. Sampath Reddy, T. Anil Kumar, K. Srinivasa Rao presented a paper on “Spectral Efficiency Analysis Of Massive MIMO System”, in ICSPC 2016, Melaka, Malaysia, from 16th to 17th December, 2016, Page. No: 142-147, ISSN/ISBN/DOI/DOI: 978-1-5090-1180-3/16©2016 IEEE.

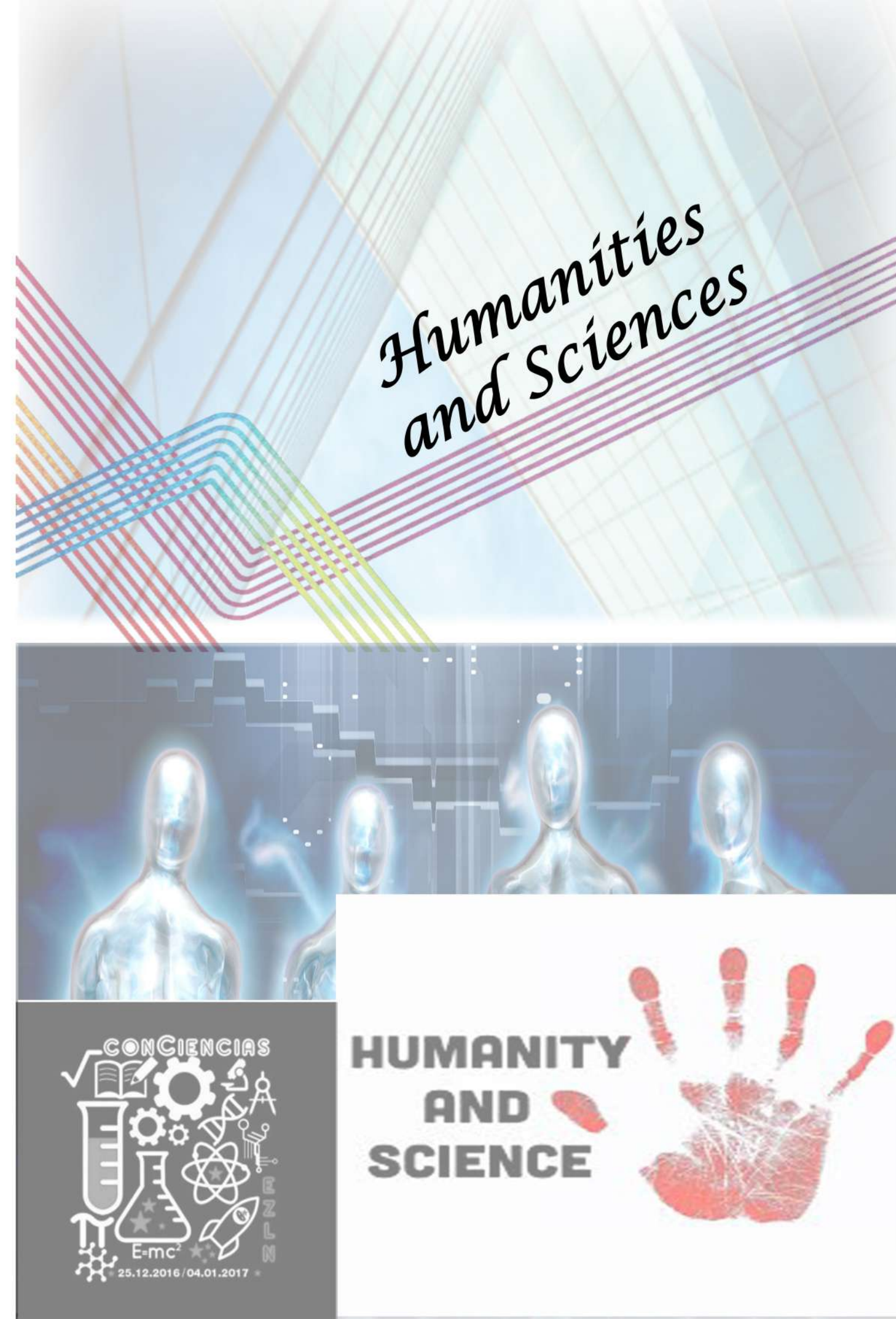
❖ K. Sreedhar, K. Rama Linga Reddy, Satish Kanapala presented a paper on “Image Enhancement And Subtraction By Using Modified WNN Method” in International Conference on Allied Electrical and Communication Systems (ICAECs-2016), organized by VFSTR University, from 8th to 10th December, 2016, Page.No:101-105.

❖ Ch. Rajendra Prasad, Dr. Pollaiah Bojja presented a paper on “Non-Diagonal Estimator For Audio Signal Enhancement”, in International Conference on Allied Electrical and Communication Systems (ICAECs-2016), organized by VFSTR University, from 8th to 10th December, 2016, Page.No:172-176.

❖ Soma Umamaheshwar, Tipparti Anil Kumar presented a paper on “Study And Improvements Of Capacity Bounds Of Spatial Multiplexing MIMO Systems With Hardware Impairments” in International Conference on Allied Electrical and Communication Systems (ICAECs-2016), organized by VFSTR University, from 8th to 10th December, 2016, Page No: 50-54.

❖ Umamaheshwar Soma, T. Anil Kumar, K. Srinivasa Rao presented a paper on “Improved Performance Of Low Complexity K-Best Sphere Decoder Algorithm” in International conference on Inventive Communication and Computational Technologies, on March, 2017, Page.No: 490-495, DOI:978-1-5090-5297-4/17/\$31.00©2017.

❖ P. Krishna, K. Mahender, T. Anil Kumar presented a paper on “Simple Transmit Diversity Techniques For Wireless Communications”, in International Conference on Next Generation Electronic Technologies, VIT Chennai, from 23rd to 25th March, 2017.



JUCEE - 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 organized on 02-09-16 at our college on the topic 'Mining the minds of masses for sustainable growth' in collaboration with NIF associated NGO 'Palle srujana'
- One day workshop was organized on 02-03-2017 for the faculty and students, to create awareness about the EPICS. Prof. William Oakes, Director of EPICS (Purdue University) addressed the gathering.



Prof. Oakes during workshop



NGO collaborative workshop

- Students presented their ideas during 'EPICS- Poster Presentation' event, organized during every semester.
- Product Expo-III was organized on 01-10-16; expert team visited the expo and evaluated the Model demonstrations. Assessment was done based on the rubrics created.
- Product Expo-IV was organized on 02-03-2017. Students demonstrated their products and explained about the community feedback. Prof. William Oakes, Director of EPICS visited the Expo and appreciated the students



Students during Product Expo-III and Expo-IV

Placements:

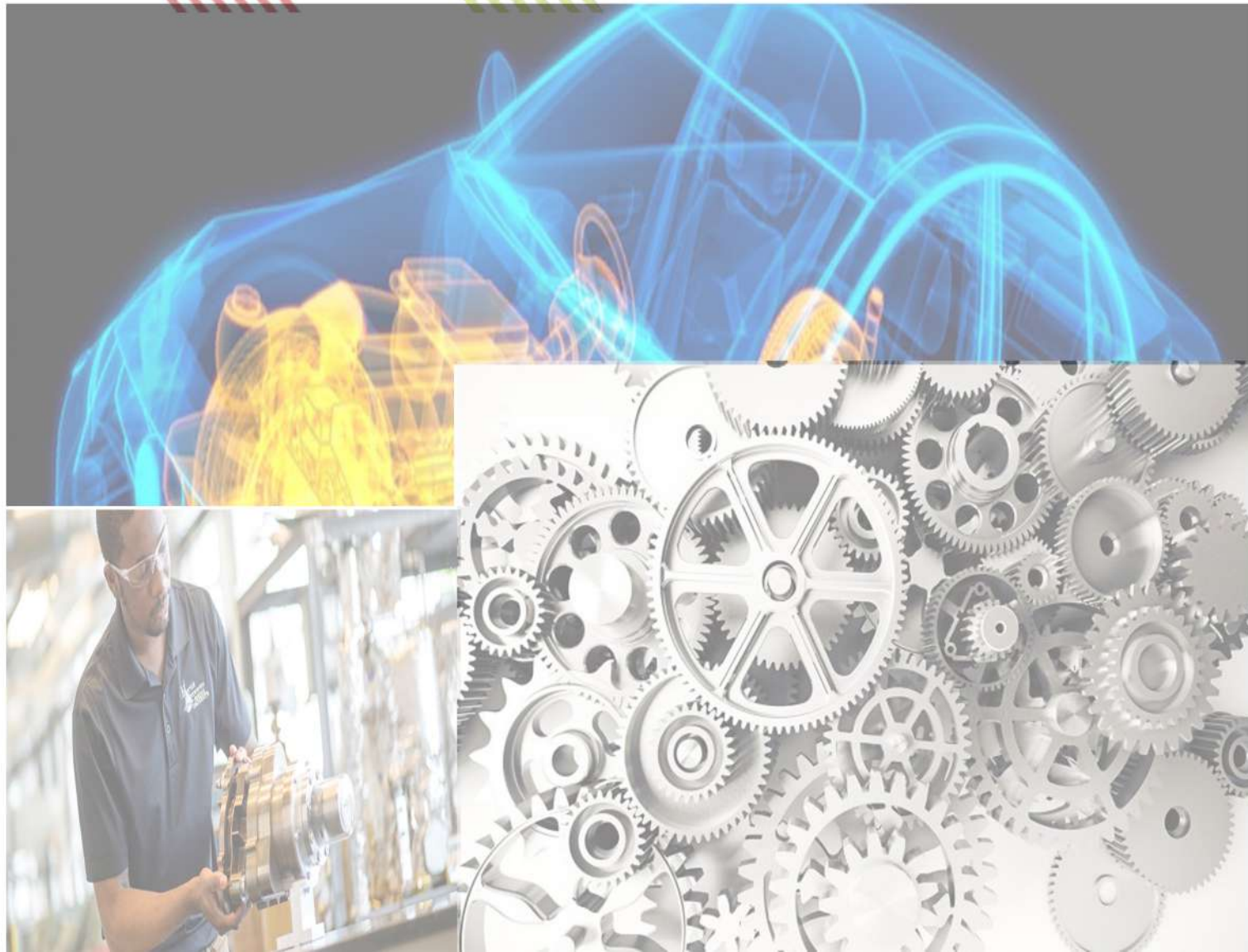
Name of the Company	No. of Students Placed
WIPRO, Hyderabad	01
Uninets Consultancy Pvt Ltd, Delhi	01
TVISHA, Hyderabad	01
textbook.com, BOMBAY	01
Tele Performance	18
TECHNICS, Hyderabad	01
TECH MAHINDRA	01
Online Job	01
NMEDIA	01
NIT, Warangal	01
Microtan Limited	01
Medha Servo Drives	02
L&T, Bangalore	01
Kotak Bank	01
HCL, CHENNAI	02
HUB, Hyderabad	01
GK Connect, Hyderabad	01
GRAPHICS	01
CYIENT	04
Galento Technologies, Hyderabad	01
Apalya Technologies, Hyderabad	01
Capgemini, Bangalore	01
CEDGE	01
Ch Technologies, Hyderabad	01
Capgemini	14
Amazon	02
HGS	16
Intelenet for Google	06
Centrix Software India Pvt. Ltd.	01
Genpact	01
Rising Star Mobiles	08
AXA	05
CSC	01
Trade Ocean Cargo & Logistics Pvt. Ltd.	04
Reliance Digital	11
Windcare India Pvt. Ltd	01

Mechanical Engineering

Placements:

Name Of the Company No of students

Tech Mahindra	03
Kasturi Infotech	04
TBSS	04
Varun Motors	26
Amazon	04
HGS	05
Cyient	01
Intelenet for Google	07
Windcare India Pvt Ltd	08
AXA	02



Student Achievements

Name of the Student	Name of the Conference / Symposium	Organized by	Name of the Event	Month & Year
Ch.Chetan Rao	SAEINDIA Southern Section – Student Convention 2016-17 divisional Level	Malla Reddy College of Engineering & Technology, Hyderabad.	Welding Group Discussion	27th January, 2017.
R.Prakash	SAEINDIA Southern Section – Student Convention 2016-17 divisional Level	Malla Reddy College of Engineering & Technology, Hyderabad.	Welding	27th January, 2017.
K.Maneesh Kumar	SAEINDIA Southern Section – Student Convention 2016-17 divisional Level	Malla Reddy College of Engineering & Technology, Hyderabad.	Business Plan, Mechanical	27th January, 2017.
P.Krishna Sai	SAEINDIA Southern Section – Student Convention 2016-17 divisional Level	Malla Reddy College of Engineering & Technology, Hyderabad.	Welding Business Plan	27th January, 2017.
E.Manoj	SAEINDIA Southern Section – Student Convention 2016-17 divisional Level	Malla Reddy College of Engineering & Technology, Hyderabad.	Mobile Robotics	27th January, 2017.
Ch.Chetan Rao	Student Knowledge Improvement Program - Welding Technology for BAJA & SUPRA vehicles	SAE India Southern Section		2nd& 3rd July, 2016.
S.Kalyan	Student Knowledge Improvement Program - Welding Technology for BAJA & SUPRA vehicles	SAE India Southern Section		2nd& 3rd July, 2016.
K.Maneesh	Student Knowledge Improvement Program - Welding Technology for BAJA & SUPRA vehicles	SAE India Southern Section	Welding Technology for BAJA & SUPRA vehicles	2nd& 3rd July, 2016.
R.Prakash	Student Knowledge Improvement Program - Welding Technology for BAJA & SUPRA vehicles	SAE India Southern Section		2nd& 3rd July, 2016.
Ponnala Prabhas	3rd Students Olympic National Games 2016-17	Students Olympic Association, Uttarakhand.	Chess	22nd – 25th July, 2016
Ponnala Prabhas	3rd District Level Students Olympic Games – 2016	Students Olympic Association, Railway Stadium, Kazipet, Warangal.	Chess	1st – 3rd July, 2016.

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

Conferences/Seminars/workshops/FDPs Conducted:

- ❖ Guest Lecture on “Aero Space Technology – The role of Engineers” organized by ISTE on 30th July, 2016.
- ❖ Guest lecture on “Mechanical, electrical safety systems in industries and HVAC” organized by ISTE on 04th January 2017.
- ❖ Guest Lecture on “Internet of things and Analytics” organized by IEI on 20th August, 2016
- ❖ “Student Consortium for Advanced Learning in Engineering Education” organized by IUCEE on 14th–16th September, 2016.

Conferences/Seminars/workshops/FDPs Attended:

- ❖ A Six days FDP Programme “Pro/E – Creo Software” attended by Mr. L.Radhakrishna, Mr. Ch.Vinay Kumar Reddy, Dept. of Mech. Engg. S R Engineering College, Warangal from 21-11-2016 to 26-11-2016.
- ❖ A two days Workshop “RC Aircraft Design and Fabrication & Flying” by Mr. L.Radhakrishna, Dept. of Mech. Engg. S R Engineering College, Warangal from 28-09-2016 to 29-09-2016.
- ❖ A one day workshop on “Internet of things and Analytics” attended by Mr. L.Radhakrishna, Mr. Ch. Vinay Kumar Reddy, Dept. of Mech. Engg. S R Engineering College, Warangal on 20-08-2016.

Faculty Publications:

Journals

- ❖ Dr. A.Devaraju “Preparation of nano surface layer composite (TiB₂)p on 6061-T6 Aluminum Alloy via Friction Stir Processing” Materials Today: Proceedings – Elsevier Accepted
- ❖ D.Ramesh Babu, D.K.Das Gupta and Sandeep Kumar Chauhan. “Rheological characteristics of muskmelon (cantaloupe) pulp.” The Asian Journal of Horticulture 12, 1 June 2017, 127-131 eISSN-0976-724X.
- ❖ Dr. A.Devaraju “Influence of Post-weld Rapid cooling on Grain size and Mechanical properties of Friction Stir Welded AA 2014” Materials Today: Proceedings – Elsevier 4 May-17 3722-3727 2214-7853
- ❖ D.Srikanth Rao, P.Ravinder Reddy, S.Venkatesh “Determination of Mode-I Fracture Toughness of Epoxy-Glass Fiber Composite Laminate” Procedia Engineering (Elsevier) 173 Feb- 17 1678-1683
- ❖ M. Hussain, V. Kumar, V. Mandal, P. K. Singh, Pankaj Kumar, and A. K. Das “Development of cBN reinforced Ti6Al4V MMCs through laser sintering and process optimization” Materials and Manufacturing Process 32, 14Feb-2017,1667-1677 10.1080/10426914.2017.1303152

Conferences:

- ❖ P.Satish Kumar, A.Devaraju, M.Shiva Chander “Influence of tool rotational speed and pin profile on mechanical and micro-structural characterization of friction stir welded 5083Aluminum Alloy” International Conference on Material Processing and Characterisation’17 ICMPC-2017 Dept. of Mechanical Engineering GRIET., Hyderabad 17-03-2017 19-03-2017.
- ❖ B.Satish Kumar “Deadlock avoidance and re-routing of automated guided vehicles (AGVs) in flexible manufacturing systems (FMS)” 2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM-2017) sn Education Society, India and IJRGCEE, USA. Jain College of Engineering, Belagavi. 27-01-2017 28-01-2017
- ❖ Mohd. Irfan and Pulla Sammaiah “Best Practices at SREC: Community service course in the Engineering Curriculum” International Conference on Transformations in Engineering Education (ICTIEE – 2017) 06-01-2017 08-01-2017
- ❖ D.Srikanth Rao “Determination of Mode-I Fracture Toughness of Epoxy-Glass Fibre Composite Laminate” 11th International Symposium on Plasticity and Impact Mechanics - IMPLAST 2016 IIT, Delhi. IIT, Delhi. 12-12-2016 14-12-2016
- ❖ Dr. Pankaj Kumar “Effects of Process Parameters on the surface integrity of micro-holes of Ti6Al4V obtained by Micro-EDM” International Conference on Advances in Materials and Manufacturing (ICAMM-2016) Dept. of Mech. Engg., Univeristy College of Engineering (Autonomous), OU, Hyd., & Defence Research & Development Laboratory(DRDL), DRDO, Ministry of Defence, Govt. of India, Hyd. Dept. of Mech. Engg., Univeristy College of Engineering (Autonomous), OU, Hyd., & Defence Research & Development Laboratory(DRDL), DRDO, Ministry of Defence, Govt. of India, Hyd. 08-12-2016 10-12-2016
- ❖ Dr. Pankaj Kumar “On Machine Fabrication of the Micro Electrodes and their Surface Integrity Analysis using Block-U-EDM Process” International Conference on Advances in Materials and Manufacturing (ICAMM-2016) Dept. of Mech. Engg., Univeristy College of Engineering (Autonomous), OU, Hyd., & Defence Research & Development Laboratory(DRDL), DRDO, Ministry of Defence, Govt. of India, Hyd. Dept. of Mech. Engg., Univeristy College of Engineering(Autonomous), OU, Hyd., & Defence Research & Development Laboratory(DRDL), DRDO, Ministry of Defence, Govt. of India, Hyd. 08-12-2016 10-12-2016
- ❖ N.Praveena Devi “Choosing Magnetic Nanofluid in Heat Transfer Loops International Conference on Recent Trends in Engineering, Science & Technology (ICRTEST)-2016” St. Peters Engineering College, Dullapally, Hyderabad. St. Peters Engineering College, Dullapally, Hyderabad. 25-10-2016 27-10-2016.
- ❖ P.Nagabharam, D.Srikanth Rao, J.Manoj Kumar, N.Gopikrishna “Investigation of Mechanical Properties of Friction Stir Welded Pure Copper Plates” International Conference on Processing of Materials, Minerals and Energy PMME-2016 PACE Institute of Technology & Sciences, Ongole, Prakasham PACE Institute of Technology & Sciences, Ongole, Prakasham 29-07-2016 30-07-2016
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