



# CBIT NEWS



*a quarterly news letter*

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## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

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## HARITHA HARAM





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### From the President's Desk, CBIT 'Kavikireeti' Dr V Malakonda Reddy



*I*t is indeed a matter of pleasure and pride that CBIT is bringing out yet another newsletter. It projects and showcases the multifarious activities of the college in pursuit of achieving the excellence in technical education and fulfillment of mission.

I am extremely happy to see the newsletter, highlighting the activities of the college from January to June. The laudable exercise of the students and staff of this

Institution has already brought laurels to the institution. I congratulate the staff and students for this achievement. I wish that everyone continue their untiring efforts not only to retain this award but also grow to further high standards. I congratulate all the editorial members for releasing this newsletter.

We have been striving hard to imbibe a sense of responsibility and proactiveness among the students at large. The college creates a highly competitive and collaborative environment to innovate, initiate, pursue many student-centred activities that enhance leadership skills and increase knowledge base, out of classroom also.

Education is the harmonious development of the physical, mental, spiritual and social faculties. It is the process of awakening the thirst for knowledge and kindling the inquisitive spirit that lead to the overall development of students. At CBIT, it has inherited great spirits of our pioneers to carry their legacy forward, the legacy of imparting education that prepares the students intellectually for mature life. An effective educational system should have a holistic approach that prepares the students for the workforce and to take optimum advantage of the rich opportunities offered by the business community. To keep pace with the ever evolving challenges and trends in the world our curriculum is designed in response to the needs of the industry. The courses offered sharpens the faculty of the students and enables them to develop key technical skills thereby fast tracking their career in leading and managing successful teams and projects. The processes of instruction and evaluation are modernized to enhance the quality of education which is in sync with the latest trends in the fields of commerce and technology. The knowledge is imparted through problem-based learning and computer-assisted instruction. Education is more student-driven rather than traditional, didactic and lecture-oriented.

I strongly feel that this effort will contribute a lot to generate skillful leaders for the decades to come in future.

I wish each and everyone who are instrumental to these progressive activities the very best of luck...

### A Message from Member, BoM, CBIT Sri D Kamalakar Reddy



*I* am immensely happy to note the commendable efforts taken by our members of staff and the students to carry on the legacy of the spirit of enhancing leadership skills through active participation in the mega event Shruthi-2016, and various other academic events all through a span of six months.

The initiatives taken up thereon are strengthening the envisioned vision of the founders of the institution. The better available academic ambience and the learner-centred atmosphere have given a collaborative and competitive environment to students to unfold their hidden talents and technological exposure gained by them out of classroom. The College has an indelible force of knowledgeable faculty and proactive students that made the blend more relevant to today's trends and movements in technical education. Creativity and dissemination of knowledge and skills through innovative educational programs transformed the students of today into the global leaders and professionals of tomorrow.

Their strength in every sphere is moulded by a strong team of highly qualified faculty for the all-round development of the students that renders them to accept responsibilities and carry them out successfully. Having such wonderful students is a pride to the college and when they do so many good things we need to have a forerunner to tell about their achievements to the world. In view of this it is essential to bring out a newsletter and I am happy that it is happening; we all welcome whole heartedly the effort towards this. Let this newsletter and series of such letters keep us all continuously informed about all the developments of the department in the years to come. I wish all the staff and the students of the college for having taken the best initiatives in bringing out this Newsletter.

"I wish the staff and students a proactive and productive year ..."



## Women's Day

In view of Women's Day celebrations, a guest lecture by Ms. T. Swarnalatha, Senior Pranik Healer, was organized for the women staff of CBIT. The topic was on "Stress Management" and the speaker demonstrated live about the impact of pranik healing..

## Awareness program for voter participation

In view of Greater Hyderabad Municipal Corporation elections, (GHMC), an awareness program for voter participation was organized in Assembly Hall on 22nd January, 2016. Nodal officer appointed by dept of Technical Education addressed the gathering to ensure maximum voters take part in the election process.

## Expert lecture by Dr. P.S.Reddy

Expert talk on the proposed research project "How to create an Artificial Heart" was organized on 17th March, 2016. Dr. P.S. Reddy, Director of Cardiology, University of Pittsburgh, USA, and Chairman, Medici Hospital, Medici Institution of Medical Science, spoke on the proposed research project. President, CBIT, Dr. V. Malakonda Reddy presided over the lecture.

## Felicitations of Members, BOM

Members, Board of Management, were felicitated by members, CBIT-Non-Teaching staff. Cultural program by CBCC followed.

## SHRUTHI 2016

Shruthi 2016 was a 3 day fun filled extravaganza celebrated from 17th- 19th March, 2016. The annual college fest that every student looks forward to was everything that it promised to be and more. The students participated enthusiastically in all the competitions, both cultural and literary. Antyakshari, dandia, vocals, dance competition were some of the events that the students derived a lot of joy from. Literati 6.0 was also celebrated along with Shruthi on 17th & 18th March. The institute Day was celebrated on the last day, 19th March. M.V. Reddy, IAS, Director, Technical Education, Govt of Telangana, was the chief Guest of the occasion.

Sri Raj Kumar Challappan, Director, Projects, Quality Engineering & Assurance, Congizant and Dr. G.P.C. Nayar, President, Federation of Association of Managements, Un-

aided Professional Education Institutions, India, were the guests of Honour. Dr. V. Malakonda Reddy, presided over the function. Ms. Sandhyasree member, BOM also spoke on the occasion. Dr. B. Chenna Kesava Rao, Principal, CBIT, delivered the college annual report.. Medals were distributed to the academic toppers and prizes to the sports, cultural and literary winners. Ms. K. Sai Hamsini President, Students Association, spoke about the student's achievements and Ms. Harsha Sai, General Secretary, gave the vote of thanks.

Dr. R. Sreedhar Rao, was the chairman of Shruthi 2016 and A. Sree Rama Krishna, the convenor.

## LITERATI 6.0

The 6th Edition of the Annual Literary Festival of CBIT. – Literati was conducted on March 17th and 18th, 2016. This was the first time since its formation, that it was conducted along with the college Cultural Festival, Shruthi. Literati saw a turnout like never before with students attending the festival from various parts of the city. Events like The Big Fight (English Debate), Mr. and Ms. Literati, Literati Quiz Show witnessed high calibre of debate, reason and IQ. The newbie of the pack, Script the Story which is a writing event had an unprecedented amount of talent with participants completing each other's stories based on prompts. Whodunnit?! had a second innings after a previous hit-run with "detectives" solving a live crime. The Telugu and Hindi language events were not far behind with participants in their comfort zone in Charcha (Telugu Debate), Chai Pe Charcha (Hindi Debate) and Prasangam (Telugu Extempore) which were a big hit with the crowd.

The festival kicked off with the launch of the Special Literati Edition of Transcendent in the presence of President, CBIT, Dr. V. Malakonda Reddy, Principal, Dr. B. Chennakesava Rao, Convenor of Communicando, Dr. A. Sandhya Reddy and the Chief Guest of the occasion, Mr. Nikhil Gulati, creator of Oddball Comics.

Excited cash prizes and awards were given away to the winners. For those who wanted to step away from the intensity, had Informal events like Lucky Seven, Photo Booth with a Polaroid option at their disposal.

Literati 6.0 saw successful innings with a promise to return with new events in the next edition



## Yoga Workshop Conducted On The Eve of International Yoga Day

The staff of CBIT and students of M.E/M.Tech, MBA, MCA, B.Tech (Bio-Engg), teaching and non-teaching staff participated in the event. Mr. Gopal and Mr. Rajesh, Yoga trainers, Science Universe Foundation, Ms. Anitha, BrahmaKumaris member and Mrs. G. Jyotsna, Social Worker were the speakers of the workshop.

Principal, CBIT Dr. B. Chennakesava Rao and Dr. Shyam Mohan Reddy, Physical Director, also participated in the event. Principal spoke about the importance of yoga and the support given in this regard. He also mentioned that UGC is planning to introduce yoga as the basic course in the engineering education. Physical Director said the college is providing facilities in the Phy. Education Department for both staff and students to practice yoga.



## CBIT ICC

CBIT Inter Collegiate Conference (CBIT ICC) is an intra-city Model United Nations Conference which simulates two committees and attracts the best debaters around Hyderabad. It takes place in the college premises and is entirely organized by the secretariat. It serves as a platform that tests the abilities of the current secretariat and acts as the final test for all the people who aspire to become a part of the next CBITMUN secretariat.

This year the conference was held on 1st -3rd of April. The conference turned out to be exactly what it was intended for, a platform where the best of CBIT meet the best of Hyderabad. And a place where anyone who aspires to become an MUNner gets a chance to learn from the best of the lot. The two committees which were simulated this

time around were Disarmament and International Security Committee (DISEC) and the United Nations Human Rights Council (UNHRC). DISEC went on to debate about the terrorist organization that has kept the political world at the edge of their seats, ISIS, and the UNHRC debated on the condition of refugees from the middle-east region. At the end of three days of debate both the committees passed a resolution to show what had been agreed upon by the delegates of the respective committees.



## GENERAL NEWS

- Organized a meditation programme "Heartfulness" for all 1/4 BE / B.Tech. students on 16th, 17th and 18th of February, 2016 and also on 12th March. This was organised by volunteers of Sri Ram Chandra Mission.
- As per the Survey conducted by the National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India, CBIT is ranked 71st among top 100 Engineering Colleges in the country which includes IITs / NITs.
- In view of WORLD HEALTH DAY, NSS unit of CBIT organised FREE DENTAL CHECK UP CAMP by "FOCUS DENTAL CARE-HYDERABAD" on 07.04.2016 from 10.30AM to 3.30PM at M-block seminar halls. All the interested staff members made use of the above facility.

## MoU

Entered into an MoU with Global Business Incubator on 19.04.2016. The programme Startup Veda was organised in Conference Hall of CBIT. Sri Jayesh Ranjan, IAS, Secretary-IT, Govt. of Telangana & Sri Arun Tiwari, Co-



author of the Book -Wings of Fire and Director, KVIC werethe Guests for the Startup. President, CBIT and Officials from GBI have entered into the MoU.

### Session regarding NBA Accreditation

An interaction session with Dr. S.R. Ramaswamy, Director, TKR College of Engineering was arranged regarding NBA (UG & PG) Accreditation on 04.05.2016 from 10.00a.m. to 1.00p.m. at Main Seminar Hall.

### NBA Accreditation

An Expert Team from NBA visited CBIT during 13th May to 15th May, 2016 to inspect 5 PG Departments to grant Accreditation for 5 PG courses - M.Tech. - CNIS, Earth Quake Engineering, VLSI & Embedded Systems, CAD/CAM, Power Systems & Power Electronics and the said courses have been accredited by NBA.

### Workshop of CBCS

An Interactive Workshop on "Choice Based Credit System" was organised on 27th May, 2016 from 10.00AM to 1.00PM in the e-class room of N-Block. Dr. V.M. Pandharipande, Adjunct Professor, Department of ECE, Hon. Director, Center for Excellence in Microwave Engineering, College of Engineering, Osmania University, was the speaker for the said Workshop. All Heads of the Department along with the Professors or senior faculty who were nominated by the Head have participated in the above session.

### Department of Biotechnology

#### Departmental Activities:

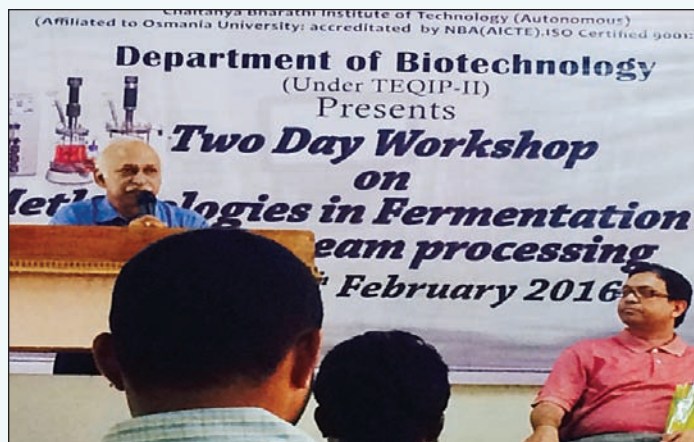
- A Two Day Workshop on "Practice of Open Source Computer Tools in Biology" was organized by Department of Biotechnology & Department of Computer Science and Engineering on 21st & 22nd March 2016, under TEQIP-II. The Workshop was attended by Biotechnology and Computer Science graduates, PG students & faculty, to understand different high-throughput technologies along with the methodologies and tools to analyze, integrate and interpret different layers of information.

Dr. Nita Parekh, Associate Professor, Center for Computational Natural Sciences and Bioinformatics, IIIT, Hyderabad was the Chief Guest of the workshop and she delivered a Lecture on "Biological Network Analysis – An approach by graph theory". Participants were also given



practical exposure on how to use open source computer tools for biological applications.

- A two day workshop on Fermentation methodologies and downstream processing was conducted on 26th and 27th February under TEQIP II by biotechnology department. The coordinators for this workshop were Dr. AVNSwamy and Mr. C. Obula Reddy. Dr. S. Sridhar Senior scientist IICT Hyderabad was the invited speaker and about 90 people were participated from different colleges including CBIT students.





### PhD Guided:

- Under the Guideship of Dr. A.V.N.Swamy , T.Mohammad Munawar has been awarded PhD(Biotechnology) 2016, from Jawaharlal Nehru Technological University, Anantapur, on the theisis "Production, Purification And Characterization of Alkaline Protease from different fungal strains using agroindustrial wastes under solid state fermentation".

### Faculty Publication:

- Dr. Aruna, V., Kiranmai, C. and Pullaiah T, published a research paper on "Callus culture and in-vitro shoot regeneration from stem segments of endemic and medicinally important Caralluma lasiantha (Wight) N.E.Br" in International Journal of Science and Research. 5: 903-908. 2016 ISSN: 2319-7064. Impact Factor: 5.6
- Dr. A.V.N.Swamy, Mr. C.Obula Reddy, Dr D. Muralidhara Rao, published a research paper on "Experimental Studies On L- Lactic Acid From Groundnut Shells By Using Lactobacillus Delbrueckii Ncim 2025 After Pre Treatment." in International Journal of Advanced Research Volume 4, Issue 5, 1432-1438. ISSN 2320-5407.
- Dr. A.V.N.Swamy, Mr. C.Obula Reddy, Dr D. Muralidhara Rao, published a research paper on "Comparative Studies Of L-Lacticacid Production From Ground Nut Shell And Sugarcane Molasses By Mutant Lactobacillus Delbrueckii incim2025 U-25 Strain." In International Journal of Advanced Research, Volume 4, Issue 6, 2110-2117. ISSN 2320-5407.

### Faculty Attended Workshop, Conference, Paper Presentation and Seminar:

- Dr. G. Vijaya Laxmi and Dr. Aruna. V, attended "International Winter school and Hands on training programme on Nano-biotechniques" at IITRoorkee, Roorkee from 9.2.20016 to 14.2.2016.

### Students Achivements:

The following students of 4/4 have done Internships.

Student Name	Roll No.	Organization	Date
Ms. Anusha.V.	160113805005	Sri Sri Holistic Hospitals	10 <sup>th</sup> -15 <sup>th</sup> June, 2016
Ms. Mithali.D.	160113805014	Government IRCS	6 <sup>th</sup> June - 12 <sup>th</sup> July, 2016
Ms. Nirali. Y.	160113805017	Sri Sri Holistic Hospitals	10 <sup>th</sup> -15 <sup>th</sup> June, 2016

## Department of Chemical Engineering

### Departmental Activities:

#### Ongoing R&D Projects of faculty and students:

- Dr.T Sankarshana and V Ananth Kumar T – are guiding a project on "Liquid-Liquid Two Phase Flow in Microchannels", Students involved – Rohit Chidurala, completed during January, 2016.
- Dr. B Sreedhara Rao and M. Mayuri – guiding a project on "Effect of Corrugated Angle for Heat Transfer Studies in Wavy Corrugated Plate Heat Exchangers". Students involved – MTech MED, CBIT, 2016 (in progress).
- Dr. B Sreedhara Rao and Dr. P. V. Naga Prapurna – guiding a project on "Heat transfer studies in corrugated plate heat exchanger". Students involved – Shreya, Ravali, Kavya, Kothari, BTech 3rd Year, 2016 (in progress). [Teqip Funding of Rs.10,000 sanction during 2016].

#### Completed R&D Projects under TEQIP [Funding of Rs. 14000 sanctioned during 2015]

- Dr. B Sreedhara Rao – Guided a project on "Heat Transfer Studies in Wavy Corrugated Plate Heat Exchangers", Students involved – D Krishna Kant and V Himanshu, 2015-16.
- Dr. B Sreedhara Rao – Guided a project on "Pressure Drop Studies in Wavy Corrugated Plate Heat Exchangers", Students involved – Y Sarasija and G Rohini, 2015-16.
- Dr. B Sreedhara Rao – Guided a project on "Newtonian Fluid Flow Properties in Corrugated Plate Heat Exchangers", Students involved – P Ravi Chandra, G Santosh and A S Anusha, 2015-16.



### **Awards/Recognitions received by faculty:**

- Dr. P. V. Naga Prapurna, Associate Prof. has been awarded "Global Education Excellence Awards 2016" as "Best Teacher for Chemical Engineering and Biotechnology in Telangana", by Prime Time Research Media Private Limited, New Delhi, on 10th April 2016.

### **Faculty Papers Published In International Journals:**

- Dr. P. V. Naga Prapurna, Mr. Viswanatham M, "Kinetics of Industrial Solid Waste as a New adsorbent for Removal of Non-biodegradable Pollutants", IOSR Journal of Environmental Science, Toxicology and Food Technology, Volume 10, Issue 1, 2016, pp: 1-11, ISSN: 2319-2399.
- B. Sreedhara Rao, M Mayuri, D Krishna Kant, Himanshu V, M V S Murali Krishna, and R C Sastry, "Heat Transfer Studies In Wavy Corrugated Plate Heat Exchangers", International Journal of Advanced Research in Engineering and Technology, Volume 6, Issue 11, Nov 2015, pp: 72-79, ISSN: 0976-6499
- B. Sreedhara Rao, M Mayuri, Y Sarasija, G Rohini, R C Sastry, "Pressure Drop Studies In Wavy Corrugated Plate Heat Exchangers", International Journal of Mechanical Engineering and Technology, Volume 6, Issue 12, December 2015, pp: 60-65, ISSN: 0976-6359
- B. Sreedhara Rao, M Mayuri, D Krishna Kant, Himanshu V, M V S Murali Krishna, and R C Sastry, "Heat Transfer Studies In Wavy Corrugated Plate Heat Exchangers", International Journal of Advanced Research in Engineering and Technology, Volume 6, Issue 11, Nov 2015, pp: 72-79, ISSN: 0976-6499
- B. Sreedhara Rao, M Mayuri, Y Sarasija, G Rohini, R C Sastry, "Pressure Drop Studies In Wavy Corrugated Plate Heat Exchangers", International Journal of Mechanical Engineering and Technology Volume 6, Issue 12, December 2015, pp: 60-65, ISSN: 0976-6359.
- Rohit Puntambekar, Madhuri Pydimalla, Srikanta Dinda, Ramesh Babu Adusumalli, "Characterization of Eucalyptus Heartwood and Sapwood Pulp after Kraft Cooking", Journal of the Indian Academy of Wood Science, March 2016.

- Madhuri Pydimalla, Nikhil Sainath V, Jayanty. S, Ramesh Babu Adusumalli, "Pulp and Black Liquor characterization of Subabul Wood After Kraft Cooking" - Vol 28(2), April-June 2016, Pg:130 to 142), IPPTA (Indian Pulp & Paper Technical Association) Journal.

### **Faculty Papers Presented At International Conferences:**

- P. V. Naga Prapurna - presented a paper on "Flyash column studies for simultaneous reduction of COD and Cr content from tannery effluent", Intl. Conference on "Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation" (25th-27th February, 2016).
- N L N Reddy – presented a paper on "Synthesis of nanoparticles in Agri-Nanobiotechnology and their Applications", Intl. Conference on "Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation" (25th -27th February, 2016).
- B. Sreedhara Rao, P V Naga Prapurna and D. Krishna Kant – presented a paper on "Analysis of friction factor and nusselt number in chevron-corrugated plate and wavy type heat exchanger using ansys", Intl. Conference on "Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation" (25th -27th February, 2016).
- B. Sreedhara Rao, P. Madhuri and Y. Sarasija - presented a paper on "Study of pressure drop in a wavy corrugated plate heat exchanger", Intl. Conference on "Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation" (25th -27th February, 2016).
- B. Sreedhara Rao, M. Mayuri and Himanshu. V - Presented a paper on "Energy transfer of newtonian fluids in sinusoidal corrugated plate heat exchangers", Intl. Conference on "Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation" (25th -27th February, 2016).
- B. Sreedhara Rao – Chaired a technical session on "Applications of Nano Technology in food and allied sectors, during a 3-day International Conference on



“Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” (25th -27th February, 2016).

#### **Conferences / Seminars / Workshops / Attended / Chaired By Faculty:**

- Dr. P V Naga Prapurna – “Women’s Leadership Conclave – The Power Within you”, Indian women Network (IWN), CII (AP and TS), TCS Non SEZ Auditorium, Hyderabad (5th April, 2016).
- N L N Reddy – “Women’s Leadership Conclave – The Power Within you”, Indian women Network (IWN), CII (AP and TS), TCS Non SEZ Auditorium, Hyderabad (5th April, 2016).
- P.V. Naga Prapurna - Chaired a technical session on “Applications of Nano Technology in food and allied sectors, during a 3-day International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” (25th -27th February, 2016).
- N L N Reddy – guest of honor at the inaugural session for International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” (25th -27th February, 2016).
- B. Sreedhara Rao - Chaired a technical session on “Applications of Nano Technology in allied fields of chemical engg.”, during a 3-day International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” (25th -27th February, 2016).
- I Bala Krishna-“Internet of Things (IoT)”, Kennel Sphere Technologies PVT LTD., CBIT (20th February, 2016)
- M Kalyani – “Internet of Things (IoT)”, Kennel Sphere Technologies PVT LTD., CBIT (20th February, 2016)
- N L N Reddy – workshop on Ontario Business Delegation, CII, Hotel Taj Krishna, Hyderabad (4th Feb 2016)
- N L N Reddy – workshop on National Employability Conclave, Team Aspiring Minds, Hotel Taj Krishna, Hyderabad (25th Jan 2016).

- N L N Reddy – workshop on Unisys Cloud 2020, Unisys, Hyath, Gachibowli, Hyderabad (18th Jan 2016).
- N L N Reddy – workshop on Synchrony Financial, Tridant, Hyderabad (13th Jan 2016).

#### **Conferences / Seminars / Workshops / Organized:**

- N L N Reddy – Workshop on “Internet of Things (IoT)”, in collaboration with Kennel Sphere Technologies Pvt Ltd., for all faculty of CBIT (20th Feb. 2016).
- Dr. P V Naga Prapurna, I. Bala Krishna, K. Prasad babu - Workshop on “MATLAB Applications for Chemical Engineers”, for B-Tech 4/4 by expert Sri. K. Haribabu, Assistant Prof., IIT-Basera, (Alumnus), (12th Mar 2016).
- N L N Reddy, Dr. P V Naga Prapurna - Workshop on Mechanical Unit Operations for Chemical Engineers, for B-Tech 1/4, 2/4, 3/4 & 4/4 students. Experts Dr. K. Shekar, Retd. Scientist, DRDO, spoke on Challenges for chemical engineers and Dr. Pitchumani Balakrishnan, Retd. Prof., IITD, spoke on Production of particles through size reduction and applications in process industries (15th March 2016).

#### **Guest Lecturers Delivered By Faculty:**

- Dr. P. V. Naga Prapurna, Associate Prof. & HoD, delivered key-note address on “Applied nanotechnology in Chemical Engineering” during a 3-day International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology – Research Commercialisation” (25th -27th Feb, 2016).

#### **Invited Lecturers Organised for Students:**

- Mr. Surya Prakash Rao, Head, process and Projects, National cleaning process, Kuwait, has delivered a two hour lecture about Role and Scope of Chemical Engineers in a Process Industry, to B.Tech 2/4 year students on 17th Feb 2016.
- Mr. Srinivas Motupalli, Certified Energy auditor and PCRA empanelled Faculty, BEE INDIA, an expert from M/s PCRA, Hyderabad, under the ministry of Oil and Gas, Govt. of India, delivered a lecture on ‘Energy Conservation’ to B.Tech 3/4 year students on 12th Feb 2016.



- Dr. C. Bhaskar, Manager, SIM Centre Technologies Pvt. Ltd., Hyderabad delivered a lecture on 'Computer aided design and simulation' to B.Tech 4/4 year students on 11th Feb 2016.

#### **Sports Achievements of Students:**

- Students of chemical engineering has won the Overall Championship Cup for the year 2015-16 during SHRUTHI, Annual cultural fest of CBIT.

#### **Summer / Winter Training arranged to Students:**

- 25 students of 1st, 2nd and 3rd year have participated in industrial training under summer internships offered by various chemical industries for periods ranging between one-week to six weeks during May-June 2016.
- 8 students of 3rd year have worked on three different R&D collaborative projects at Chemical Engg. Dept., BITS-Pilani, Hyd. During May-June 2016.

#### **Industrial Visits were Organised for:**

- 42 students of 1st year to M/s Aurobindo Pharma industries Ltd., Hyderabad.
- 55 students of 4th year to M/s Prathista industries Ltd., & Tripura biotech Ltd., Chotuppal, Nalgonda Dist.
- 35 students of 2nd year to M/s Milk Products Factory, Moulali, Hyderabad
- 22 students of 3rd year to M/s NFC, Mallapur, Hyderabad.

#### **Prizes Won by Students for Paper Presentations:**

- Krishna Kant of final year won 1st prize for ORAL presentation at international conference NANOTECH-2016, Hyd. under the guidance of Dr. B. Sreedhar Rao.
- Himanshu of final year won consolation prize for POSTER presentation at international conference NANOTECH-2016, Hyd under the guidance of Dr. B. Sreedhar Rao.

#### **GATE Ranks:**

The following BTech 4/4 have qualified in GATE-2016.

S. No.	Roll No	Name of the student	All India Rank
1.	160112802-047	SAIF UL MEHDI	205
2.	160112802-031	KRISHNA KANT D	1018
3.	160112802-055	SYED MD HYDER KHAN	1607
4.	160112802-030	HIMANSHU V	2235
5.	160112802028	ESWAR RAJA BABU P	2950
6.	160112802-034	MAROJU VIRAT	3126

### **Department of Chemistry**

#### **Papers Published by the Faculty**

- Dr. P. Giridhar Reddy, Professor, published a Research paper entitled "Air pollution and its Control" in International Conference, Time-2016.
- Dr. K. Laxmi, Professor, published a Research paper entitled "A Hypothetical Study on Structural aspects of Indole-3-carbinol (I3C) by Hyperchem and Arguslab 4 software" International Journal of Engineering Research and Applications., Vol.6, Issue 1, (Part - 4) January 2016, pp.17-24 ISSN: 2248-9622.
- Dr. M. Mamatha, Asst Professor published a Research paper entitled "Total Synthesis of N,N-Dimethyl Dodecyl Amine-N- Oxide" in International Journal of Advanced Research, (2016), Volume 4, Issue 1, Page 716- 719.
- Dr. P. Suresh, Asst Professor published a Research paper entitled "Catalytically active lead (II)-imidazoliumcoordination assemblies with diversifiedlead (II) coordination geometries" in Dalton Transactions, 2016, Volume 45, Page 8164-8173.

### **Department of Civil Engineering**

#### **Departmental Activities:**

- The Civil Engineering Department has organized a 2-Day National Workshop on "Seismology and Seismic Resistant Design of Structures (SSRDS)" supported by the Indian Society of Earthquake



Technology, Under TEQIP-II on 5th and 6th May, 2016. Dr A.Vimala, Associate Professor was the Convener of the workshop. Dr R. K. Chadha, Emeritus Scientist, NGRI, Hyderabad has been the Chief Guest for the Inaugural Function of the workshop on 5th May, 2016. Dr.V.Malakonda Reddy, President, CBES presided over the Inaugural Function. Smt D. Sandhyasri, Chairperson, Development Committee, CBIT, Dr. B. Chennakesava Rao, Principal, CBIT and Dr. K. Jagannadha Rao, HOD Civil Engineering addressed the gathering during the Inaugural Function.

- The program was designed to take the participants through the technical concepts involved in Earthquake Engineering and to give exposure towards seismic resistant building design. The contents covered include Introduction to seismicity in India, Principles of earthquake resistant design, Analysis for Lateral loads as per IS codes. Demonstration of models which simulate earthquake effects and Case studies of previous earthquakes was also a part of the workshop. Experts from reputed organizations and experienced faculty from Civil Engineering Department were the resource persons. People from various industries, researchers, academicians and students attended the conference.



**Inaugural Session**



**Demonstration of models**

#### **Faculty Achievements:**

- Dr. K. Jagannadha Rao attended a Workshop on "Technology Options in Construction of Buildings, Adaptability for 2-BHK Housing in Telangana State" as one of the experts to evaluate those options presented by Technology Providers, Builders, Architects and Engineers at Hotel Taj Krishna, Hyderabad on 13th April, 2016.
- Dr. K. Jagannadha Rao attended core committee meeting of IGBC Hyderabad chapter as a special invitee held at CII- Godrej Green Business Centre, Kothaguda, Hyderabad on 9th February 2016.

#### **Guest Lectures Delivered:**

- Dr. N.Dakshina Murthy, delivered an expert lecture on "Quality control in concrete in water supply works" to State Govt. Engineers working in RWS Department on 29th June, 2016 at Telangana State Panchayat Raj and Rural Development Department (TSPRARD).
- Dr. N.Dakshina Murthy, delivered an expert lecture on "Design of water Tanks and Quality control" to State Govt. Engineers working in RWS Department on 20th June, 2016 at Engineering staff college India (ESCI).
- Prof. P. Sreenivasa Sarma, delivered inaugural address and gave an expert talk on "History, Development and Design of Reinforced concrete structures" at the three day national workshop for the Civil Engineering faculty, at Geetanjali college of Engineering, Hyderabad, on 8th June 2016.



- Prof. P. Sreenivasa Sarma, delivered an invited talk on "Today's Society – Family – Education – Values – Role of a Teacher", to the teachers of Tribal Welfare Schools of East Godavari District, Andhra Pradesh, 31st May, 2016, ITDA, Rampachodavaram.
- Prof. P. Sreenivasa Sarma, participated as Guest of Honour in the inaugural function and delivered key note address on "Issues and Challenges in the present education system", in the two-day national seminar on "Pedagogical Research activity", organised by "Vandemataram Foundation at Aksharavanam, Kalwakurthy, Mahabub Nagar District (T.S.) on 22nd May, 2016
- Prof. P. Sreenivasa Sarma, delivered a talk on "Becoming the Champions of your Life" in the programme "Make a difference" organized by the Collector of Adilabad district for the benefit of Wardens of BC welfare hostels, on 9th March 2016, Adilabad.
- Dr. K. Jagannadha Rao, delivered an invited lecture on "Composites in Construction with Emphasis on Fibre Reinforcement" in the ISAMPE National Conference on Composites (INCCOM 14) organized by ISAMPE Hyderabad Chapter on January 22nd 2016.

#### **Faculty Publications:**

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

- K. Jagannadha Rao, C. S. S. B. Ramlal, D. Sandeep and M. V. S. Rao "A Study on the Fresh and Hardened Properties of Fly-Ash Based Glass Fiber Reinforced Geopolymer Concrete", International Journal of Earth Sciences and Engineering, Volume 09, No 02, ISSN 0974-5904, April 2016.

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

- N. Dakshina Muthy, "Punching shear strength of two way slab specimens; a comparison with various international codes" ICI, June-August 2016, pp 1-7.
- A. Vimala and R. Pradeep Kumar, "Estimation of energy dissipation capacity of a structure using pushover analysis" ICJ, April 2016, vol. 90, Issue 4, pp. 72-77.

#### **Papers presented in International Conference:**

- M. V. S. S. Sastri, K. Jagannadha Rao and V. Bhikshma, "Influence of Fibre Aspect Ratio and Volume Fraction of Steel Fibres on Hardened Properties of Normal Grade Concrete", proceedings of the International Conference on Advances in Civil Engineering and Sustainable Construction (ACESC2016) held during 30 – 31st March, 2016 at SRM University, Chennai, India and Published by RILEM Publications S.A.R.L.
- P. Sreenivas Sarma and P. V. K. Sandeep, "Teacher Education – The immediate need for Transformation in Engineering Education" International Conference on Transformation in Engineering Education (IC-TIEE), 10-12th January 2016, CoE, Pune, India, Journal of Engineering Education Transformations, Special Issue, eISSN 2394-1707, 2016.
- S. S. Y. Ganesh and P. Sreenivas Sarma, "Sloshing in Liquid Retaining Structures-A state of the Report", at International Conference on "The Innovations in Mechanical Engineering (TIME-2016)", organized by MED, CBIT, Hyderabad, 2016.
- Mounika and Sreenivas Sarma Paraitham, "Development of Earthquake simulation experiments – A review and proposals for cost effective techniques for testing liquid storage tanks" at International Conference on "The Innovations in Mechanical Engineering (TIME-2016)", organized by MED, CBIT, Hyderabad, 2016.
- Nagaraju Avvari and Sreenivas Sarma Paraitham, "A review on evolution of Concrete as sustainable Self Compacting Concrete" International conference on Sustainable Energy and Built Environment, 10-12th March, VIT University, Vellore, Tamilnadu, India, International Journal of Science and Technology, Vol.XX(X), March 2016.

#### **Workshops / Conferences / Short Term Courses attended:**

- Sri. R. Ranga Reddy attended a Global Initiative of Academic Networks (GIAN) certification course on "Groundwater flow and transport modelling through fractured geologic media" organized by Civil Engineering Department, Indian Institute of Technology, Hyderabad from 27th -8th July 2016.



- Dr. M. V. Krishna Rao, attended a Short Term Training Programme on "Characterization of Building Materials and Testing", conducted by Materials Research Centre (MRC), Malaviya National Institute of Technology (MNIT), Jaipur (Rajasthan), During June 06 - 11, 2016.
- Sri. K. Prasad and Smt. K. Karthika attended a training programme on "Human values and Professional Ethics", conducted in CBIT from 19 - 21st May 2016.
- Sri. R. Ranga Reddy, Sri. K. Koteswara Rao and Smt. K. Karthika attended, A One day Workshop on "Internet of Things", conducted by Kernel Sphere Technologies Pvt Ltd., at CBIT, on 20th February 2016.
- Smt. K. Karthika and Sri. K. Nagaraja attended an "Advanced Training Programme on Green Buildings", conducted by CII-IGBC on 28th and 29th January 2016.

## Department of Computer Science and Engineering

### Departmental Activities:

- **A Two Day Workshop on Application of Open Source computer tools in Biology**  
Dept of CSE in collaboration with Dept Biotechnology conducted A Two Day Workshop on Application of Open Source computer tools in Biology during 21-22 Apr 2016
- **Two Week FDP on DataWarehousing and Business Intelligence**  
Dept of CSE in collaboration with Dept of IT and MCA successfully conducted Two Week FDP on DataWarehousing and Business Intelligence during 25th Apr 2016 to 5th May 2016
- **Industrial Visit to Infosys Campus**  
Dept of CSE successfully organized an Industrial Visit to Infosys, Pocharam campus on 16 April, 2016. 3 Staff members and all students from 3year visited the campus. Students actively participated in the events conducted by Infosys.

### ● Code for Good Program

JPMorgan Chase & Co conducted Code for Good Program during April 2016. We are glad that 13 students from CSE were selected in JPMorgan based on their excellent performance.

### ● Certification in Pega Systems

A Total of 130, including staff and students from Dept. of CSE were qualified in Pega Systems Certification exam conducted by Pega Systems during April 2016

### ● Java Certified Professional Exam

A Total of 62, including staff and students from Dept. of CSE were qualified in Java Certification conducted by Oracle during May 2016

### Ph.D awarded:

S.Chinaramu was awarded Ph.D during Feb 2016.

### Papers published in International / National Conferences:

- E.Padmalatha, Dr.C.R.K.Reddy published a paper entitled "Concept Drift in Data Streams with Decision Trees", in International Conference on Computers and Electronics Engineering 2016, International society of researchers, scientists, engineers and doctors, Hyderabad during Jan 2016.
- E.Kalpana, Dr.Y.VijayaLata published a paper entitled "Rank based efficient task scheduler for cloud computing", in IEEE international conference on data mining and advanced computing (SAPIENCE) Jan 2016
- Prof.N.Rama Devi, B.Sateesh published a paper entitled "Digital Strategies for Competitive edge tools and techniques" in National Conference on Operational Research and Management (NCORM 2016) during 28-29 Jan 2016.
- M.VenuGopalachari published a paper entitled "A personalized recommender system using conceptual dynamics", in International conference on computational intelligence and informatics (ICCI-2016) during May 28-30 2016



- Smt G.Vanitha published a paper entitled "Rules based Event Extraction from Natural language Text", in IEEE International Conference On RTEICT-Recent Trends in Information, Communication Technology, India. ISBN 978-1-5090-0773-5/16/\$31.00 © 2016 IEEE, pp.47-51, May 2016.
- Prof N.Rama Devi , Mr A. Ranga Rohith Ranadheera, Mr.B.Sateesh Cloud Based Instructional Technologies for Enhanced Learning in Higher Education in International Conference on Developing thinking and Learning with ict: Changing Education For Future Needs during 29 – 30 May 2016 at O.U,Hyd

#### **Papers published in International / National Journals:**

- M.VenuGopalachari published a paperentitled "A hybrid approach to handle cold start in a recommender by exploiting latent factors", International Journal of Applied Engineering Research, volume 11, Jan 2016
- VanithaGuda published a paper entitled "Extraction of Temporal Events in Natural Language Text", International Journal of Computer Application (2250-1797) Volume 6– No.1, January- February 2016

#### **Workshops / coursese / training programmes attended:**

- Smt.Ch.MadhaviSudha, Mr.B.Sateesh attended a Five Day training programme on Cloud Computing at OU,Hyd. conducted by Engineering Staff College,Hyd from 8-12 Feb 2016
- Mr. Ravikiranattended a workshopon "Internet of Things (IoT)" held on 20th Feb 2016 at CBIT offered by Kernel Sphere Technologies Pvt. Ltd.
- Mr.Ravikiran attended A National Conference on "Internet of Things" at Nagarjuna University, Guntur. during 3- 4th March 2016.
- SmtE. Swathi attended a workshop on "Applications of Open Source computer tools in Biology" conducted on 21st to 22nd march 2016 in CBIT.
- Mr.B.Sateesh, Smt.Madhavi Sudha attended a one week short term course on "Cloud Computing and Data Analytics" from 8-12 Feb 2016 at O.U, Hyd

- B.Sinduja attended a two day workshop on "Open source Computer tools in Biology" held at CBIT on 21st and 22nd march 2016
- Mr.B.Sateesh attended Cyber space Defence Summit 2016 organized by CSI,Hyderabad Chapter on 29th March 2016
- Shivani Jindal attended Two day workshop on "Open source Computer tools in biology" held at CBIT, 21st and 22nd march 2016
- Mr.B.Sateesh,Smt.B.Sindhuja and Mr. D.Saikumar attended Infosys Pocharam Industrial Visit on 16 April, 2016
- Smt.VimalaManohar Ruth attended a 1-Week National Level FDP on "Machine Learning" from 11-16 Apr 2016 at CBIT
- Smt.VimalaManohar Ruth attended FDP on "Data Warehousing and Business Intelligence" 25th Apr 2016 to 5th May 2016 at CBIT
- Smt.E.Swathi is certified by Oracle as Oracle Certified Professional, Java SE 6 Programmer during Apr 2016.
- Smt. G.Vanitha attended a National Level FDP on Machine Learning at JNTU, Hyd. from April 11-16, 2016.
- Smt.VimalaManohar Ruth attended training on Pega Systems from 13-26 June 2016 at Gachibowli, Hyd.
- Mr.A.Mohan, Mr.B.Ramana Reddy, D.NagaJyothi attended a one week workshop on "Deep learning in Visual Computing" from 20-25 June 2016 at IIT Hyderabad.

### **Department of Electronics and Communication Engineering**

#### **Departmental Activities:**

#### **Seminars / Conferences / Workshop Organized by the Department:**

- Department of ECE has organized a two day workshop titled "Research Opportunities in Cognitive Radio and its Applications" on 29th – 30th January 2016at CBIT. Dr. P Narahari Sastry and G V Pradeep Kumar were the coordinators for the event.





A two day workshop on "Research Opportunities in Cognitive Radio and its Applications"

- The Department has conducted a one day Intensive workshop on "Hands on LabVIEW" during 13th & 27th February 2016. Dr. A.V.Narasimharao, Sri.G.Mallikarjuna Rao, Ch.Rajakumari, Sri. M.V.Kiran Kumar and B.Neeraja were the coordinators for the event.



One Day Intensive Workshop on "Hands on LabVIEW"

- G.Mallikarjuna Rao Organized an Online essay writing competition on "Celebrating Womanhood" during 3rd -7th March 2016 at CBIT.
- Department of ECE organized a two day workshop titled "Architectures and Applications of FPGA & CPLD" on 10th & 11th March 2016 at CBIT. Sri N.Jagan Mohan Reddy and Sri P.Chandra Sekhar were the coordinators for the event.




A Two Day Workshop on "Architectures and Applications of FPGA & CPLD"

- G Mallikharjuna Rao organized a one day Quiz competition on "QUIEEZ-2016" on 22nd March 2016 at CBIT.

#### **Seminars/Conferences (National / International) / Workshops attended by the faculty:**

- Dr. A V Narasimha Rao attended a One week National program for training of Scientists and Technologists on "Ethics and Values" a DST sponsored training programme at ESCI, Hyderabad during 22nd -26th, February 2016.
- N Alivelu Manga attended a One-day workshop on "Fundamentals of GNSS/IRNSS and Applications to Atmospheric Science" conducted by NARL, Gadanki on 26th February 2016.
- KSRS Jyothsna and A Satyavati attended a One day workshop on "IoT" on 20th February 2016, organized by CBIT, Hyderabad.
- A Satyavati attended a one day workshop "LAB VIEW" on 20th January 2016 at CBIT
- A Satyavati attended a two day workshop on "Architectures and Applications of FPGA & CPLD" on 10th – 11th February 2016 at CBIT.
- N Dhana Lakshmi attended a two day workshop on "ARM & 8051 Microcontrollers" organized by Dept.of ECE, St.Peters Engineering college in collaboration with UGC on 11th & 12th of Jan 2016.
- G Mallikharjuna Rao attended a Faculty development program on "Embedded systems" during 28th





February – 1st March 2016, organized by ESCI, The Institute of Engineers, initiated by SPFU (TS) under TEQIP-II at CBIT, Hyderabad.

- G Mallikharjuna Rao attended a Faculty development program on “Smart Technologies and Emerging Trends” during 22nd – 26th February 2016, organized by ESCI, The institute of Engineers, initiated by SPFU (TS) under TEQIP-II at JNTU, Hyderabad.
- T Aravinda Babu attended a Three day Intensive course on “Embedded Processors and Applications” on 28th – 30th April 2016, organized by CBIT, Hyderabad.
- G. V. Pradeep Kumar presented a paper entitled, "Frequency Domain Techniques for Void Spectrum Detection in Cognitive Radio Network for Emulation Attack Prevention" in IEEE International Conference on Circuit, Power Computing Technologies (ICCPCT-2016), Kumaracoil, during 18th-19th March 2016
- Ch Raja Kumari attended a Two day Workshop on “Research Opportunities in Cognitive Radio and its Applications” during 29th -30th January, 2016 at CBIT.
- E Chandra Sekhar, J Mounika, Mohammed Faizur Rahman, T Narayana Bhagirath and J Bala Krishna attended a workshop on “FPGA, CPLD and its architectures”, conducted in Chaitanya Bharathi Institute of Technology, Hyderabad, during 10th - 11th March 2016
- J Mounika attended a workshop on “Research opportunities in Cognitive radio and its applications”, conducted in Chaitanya Bharathi Institute of Technology, Hyderabad, during 29th -30th January 2016.
- A Supraja Reddy Participated in "National Space Science Symposium (NSSS-2016)", organized by ISRO at VSSC, Trivandrum during 09th -12th Feb 2016.
- B.Roopa attended a three day workshop on “Low Power Embedded Systems using ARM Cortex” Organized by VNRVJIT, Hyderabad During 16th to 18th June 2016.

#### **Papers Published by the faculty in International conferences :**

- Lenin Naragani, Kumara Swamy K and N. V. Koteswararao, “Proximity Coupled Multiband Antenna”, IEEE International Conference, WiSPNET-2016, Chennai, pp 979-982, 23rd -25th, March 2016.
- Kumara Swamy, Lenin Naragani, Kumara and N. V. Koteswararao, "A Broadband Multifunction Antenna for Mobile Communication Applications" IEEE International, WiSPNET-2016, Chennai, pp 983-986, 23rd-25th, March 2016.
- D.Venu and N. V. Koteswara Rao, "A Cross-Correlation Approach to Determine Target Range in Passive Radar Using FM Broadcast Signals" IEEE International, WiSPNET-2016, Chennai, pp 538-543, 23rd-25th, March 2016.
- Supraja R Ammana and Sarma D Achanta, “Estimation of Residual Errors for Ground Based Augmentation of GPS” accepted for presentation in 3rd International Conference on Electronics and Communication Systems (ICECS-IEEE) - 2016, Karpagam College of Engineering, Coimbatore, Tamilnadu, 25th-26th February 2016.
- Supraja R Ammana and Sarma D Achanta, “Computation of Selected Key Performance Parameters of GBAS for Precision Approach of Aircraft” accepted for presentation in 3rd International Conference on Electronics and Communication Systems (ICECS- IEEE) - 2016, Karpagam College of Engineering, Coimbatore, Tamilnadu, 25th-26th February 2016.
- K.S.R.S.Jyothsna, T.Aravindababu, “Enhanced Comp technique for interference cancellation in HetNets of LTE”, in the International conference on Modern Engineering, Science & Technology – 2016 held on 5th February 2016 at Trivandrum, Kerala.
- K.S.R.S. Jyothsna & T.Aravinda Babu, “Interference mitigation using E-Comp in Multi layered network of LTE” in International conference on recent innovations in science, Engineering and management held on 27th February 2016 at SVCET, Srikakulam, Andhra Pradesh.



- G V Pradeep Kumar, D Krishna Reddy, "Frequency Domain Techniques for Void Spectrum Detection in Cognitive Radio Network for Emulation Attack Prevention", in IEEE International Conference on Circuit, Power Computing Technologies (ICCPCT-2016), Kumaracoil, 18th-19th March-2016.
- Mounika Jammula, Mohammed Ziauddin Jahangir, K Ramanujam "CMOS based design and simulation of ternary full adder and ternary coded decimal adder circuit" for the IEEE International Conference on Circuits, Power and Computing Technologies (ICCPCT-2016) on 18th and 19th March 2016, Kumaracoil, Kanyakumari District, Tamilnadu.
- N. Jagan Mohan Reddy, "A low power, eco – friendly multipurpose thermoelectric refrigerator", Accepted in Frontiers in Energy, Vol. 10, pp. 79-87, March 2016, ISSN (Print): 2095-1701, ISSN(Online):2095-1698.
- Mohd Ziauddin Jahangir, J. Mounika, K. Ramanujam, "CMOS based design and simulation of Ternary Full Adder and TCD Adder", IEEE India International Conference on Circuits Power and Computing Technologies (ICCPCT), March 2016, Kumaracoil, Kanyakumari, TamilNadu.
- Roopa Bammidi, Deepa. Kundala, "Remote Monitoring and Control by Embedded Database Design and Web Server Implementation", ICECS – 2016, Karpagam, Coimbatore, 25th and 26th February 2016.
- Mounika Jammula, "Implementation of Isolated Word Automatic Speech Recognition in C language" for the IEEE 3rd International Conference on Electronics and Communication Systems (ICECS-2016) on 25th and 26th of February 2016 at Karpagam College of Engineering, Coimbatore.
- Mohammed Faiz ur Rahman, "Verification of a Digital Video Broadcasting – Satellite To Handheld (DVB-SH) IP Using UVM", 2nd IEEE international Conference, CICT 2016, Ghaziabad, UP, February 12th -13th, 2016.

#### **Papers Published by the faculty in National conferences:**

- A. Supraja Reddy and A.D. Sarma, "Analysis of the Effect of Anomalous Ionospheric

Gradients on the Performance of Indian GBAS", accepted for presentation at National Space Science Symposium (NSSS-2016), Vikram Sarabhai Space Centre (VSSC), Trivandrum, Kerala, 09th -12th Feb 2016.

- N. Alivelu Manga, A.D. Sarma and N.V. Koteswara Rao, "Investigating the effects of Low Latitude Ionospheric Scintillations on GNSS/IRNSS Receiver Phase Locked Loop Bandwidth", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th -12th February 2016.
- P. Sathish, A.D. Sarma and D. Krishna Reddy, "Study of Relativistic Effects on IRNSS Doppler Positioning in High Dynamic Conditions", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th -12th February 2016.
- T. Sridhar, M. Pradeep and A.D. Sarma, "Precise Estimation of IRNSS Instrumental bias to Improve Ionospheric TEC measurement", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th -12th February 2016.
- K.C.T. Swamy and A.D. Sarma, "Analysis of Adverse Space Weather Impact on Ionosphere TEC Behavior at Low Latitude Region", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th-12th February 2016.
- Uttama Ghosh, Sharath Chandra, A.D. Sarma and N.V. Koteswara Rao, "Minimization of Multipath Error to Improve Position Accuracy of GNSS/IRNSS", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th -12th February 2016.
- Mohd Qurram Javeed, Quddusa Sultana and A.D. Sarma, "Comparison of Tropospheric delay models for Aircraft Take-off and Landing at GBAS Equipped Airports", National Space Science Symposium (NSSS), SPL, VSSSC, Thiruvanthapuram, 9th -12th February 2016.
- Roopa Bammidi, Goutham.B, "Automatic Irrigation System using ARM microcontrollers", NCRAE-2016, Hyderabad.



#### **Papers Published by the faculty in International Journals:**

- Y Srinivas and N V Koteswara Rao, "Yagi Uda Shaped Dual Reconfigurable Antenna", ICTACT Journal On Communication Technology, JUNE 2016, VOLUME: 07, ISSUE: 02, pp1301-1305.
- D.M.K.Chaitanya and N.V.Koteswara Rao, "The Effect of Flare Angle on the Behaviour of Sierpinski Monopole Antenna for Multi Band Applications" IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834, p-ISSN: 2278-8735. Volume 11, Issue 3, Ver. III (May-Jun .2016), PP 04-11, www.iosrjournals.org
- D.M.K.Chaitanya and N.V.Koteswara Rao, "Fractal Antenna structures for Cognitive Radio Applications", International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 6, Issue 4, March 2016, pp. 464-468, ISSN: 2278-621X.
- Supraja Reddy Ammana and Sarma D Achanta, "Estimation of Overbound on Ionospheric Spatial Decorrelation over Low Latitude Region for GBAS", accepted for publication in IET Radar Sonar and Navigation, March 2016 UK (Impact factor: 1.135).
- K.S.R.S.Jyothsna & T.Aravinda babu, "Interference mitigation using E-Comp in Multi layered network of LTE" in International Journal of Electrical and Electronics (IJEET), Volume 08, Issue 02, January-June 2016, ISSN 2312-2055
- N. Jagan Mohan Reddy, "A low power, eco -friendly multipurpose thermoelectric refrigerator", Accepted in Frontiers in Energy, Vol. 10, pp. 79-87, March 2016, ISSN (Print): 2095-1701, ISSN(Online): 2095-1698.
- K.S.R.S.Jyothsna & T.Aravinda babu, "Enhanced Comp technique for interference cancellation in HetNets of LTE", in the International Journal of Scientific & Engineering Research, volume 7, Issue-2, February – 2016, ISSN-2229-5518.
- K.S.R.S.Jyothsna & T.Aravinda babu, "Performance analysis of clipped STBC coded MIMO OFDM System" in International Journal of Electronics and communication Engineering & Technology (IJEET), Volume 7, Issue 01, Jan-Feb. 2016, ISSN – 0976-6472.
- M. Ramana Reddy, N.S Murthy sarma and P.Chandrasekhar, "WIMAX Low power, Low noise Amplifiers Design and Analysis for RF receiver front end using 90nm CMOS Technology used for Applications", International Journal of VLSI design & Communication Systems (VLSICS) e-ISSN: 0976-1357, p-ISSN-0976-1527, Vol.7, No.1, February 2016,
- D.M.K.Chaitanya and N.V.Koteswara Rao, "Design of Compact Monopole Ultra Wide Band Antenna Structure for Cognitive Radio Applications", International Journal of Industrial Electronics and Electrical Engineering, ISSN: 2347-6982 Volume-4, Issue-2, pp7-11, February-2016.
- A.Vani, "Review of Basic Secure Routing Protocols for MANETs." International Journal on Recent and Innovation Trends in Computing and Communication, Volume: 4 Issue: 1, January 2016, pp.33-35 ISSN: 2321-8169
- Deepa.B, Roopa Bammidi, "Circularly Polarized U Slot Microstrip Patch Antenna", International Journal of Innovative Technology and Research (IJITR), issue: 01, Vol. 04, ISSN: 2320-5547, January 2016.
- Satya Srinivas Vemuri, A.D. Sarma and Hema K Achanta, "Modelling of Ionospheric Time Delay Using Anisotropic IDW with Jackknife Technique", IEEE Transactions on Geosciences and Remote Sensing (USA) Vol 54, No. 1, January 2016. DOI: 10.1109/TGRS.2015.2461017.
- Deepak. Chenumalla, Venkat Kishore. Garimella and Amarendra. Gangavarapu, "Modeling and simulation of synchro & synchro-to-digital converter for electrical motor drives", IET Science, Measurement & Technology, vol.10, issue 1, pp. 58-68, January 2016.

#### **Papers Published by the faculty in National Journals:**

- Mounika Jammula, "Automatic Speech Recognition System for Class Room Data Base Management in Fixed-C Language", in the two day National Conference on Recent Advancement in Electronics (NCRAE-2016) held at IFHE campus Hyderabad, during 22nd – 23rd January 2016 will be published in IUPjournal.



### **Guest Lectures delivered by the staff:**

- Dr. N.V.Koteswara Rao gave Inaugural address on "The importance of Simulation software" in a One day Intensive workshop on "Hands on LabVIEW" on 13th February 2016.
- Dr. N.V.Koteswara Rao gave Inaugural address on "The importance of Simulation software" in a One day Intensive workshop on "Hands on LabVIEW" on 27th February 2016.
- Dr. K. Subba Rao gave an Invited talk on "Multirate Signal Processing" on 20th January 2016 in the CEP course on "Signal Processing & applications in EW", organized by (DLRL) DRDO, Hyderabad. during 18th to 22nd January 2016
- Dr. P. Narahari Sastry delivered a lecture titled "Basics of SDR and Cognitive Radio" for a Two day workshop titled "Research Opportunities in Cognitive Radio and its Applications" at CBIT on 29th January 2016.
- M.V.Kiran Kumar has delivered a Guest lecture titled "Digital Signal Processing" in the Conference "Basics on DSP" on 26th March 2016 organized by Avanthi Engineering College.
- M.V.Kiran Kumar has delivered a Guest lecture titled "Digital Signal Processing" in the Conference "Advanced Techniques on DSP" on 17th March 2016 organized by Malla Reddy Engineering College.
- G. Mallikarjuna Rao delivered a Guest lecture on Loops & Structures using LabVIEW for one day Intensive workshop on "Hands on LabVIEW" during 27th February 2016 at CBIT.
- G. Mallikarjuna Rao delivered a Guest lecture on Loops & Structures using LabVIEW for one day Intensive workshop on "Hands on LabVIEW" during 13th February 2016 at CBIT.

### **New Appointments:**

- Mr. N.Pavan Kumar, M.E (Communication Systems) has joined as Assistant professor on 24th February 2016.
- Mr. B.Sivaprasad, M.Tech (Advanced Communication Systems) has joined as Assistant professor on 1st March 2016.
- Mr. Ch. Deepak, M.Tech (Digital Systems and Computer Electronics) has joined as Assistant professor on 1st March 2016.
- Ms. Sk. Shakira Begam, M.Tech (Systems and Signal Processing) has joined as Assistant professor on 27th July 2016.

### **Achievements by Staff:**

- Dr. A.D Sarma was invited to be a Session Chair in the "National Conference on Recent Advancement in Electronics" on 22nd-23rd January 2016, IFHE University, Hyderabad.
- Dr. P. Narahari Sastry, Dr. N.V. Koteswara Rao filed a patent successfully on 15th January 2016 entitled "System and method for palm leaf character recognition using 2D Haar Wavelet Transform and 3D Feature"
- Dr. P. Narahari Sastry appointed as guest faculty in Osmania University, HCU, KL University.
- Dr. P. Narahari Sastry appointed as member for recruitment committee in JNTUH, DAV Schools.
- Dr. P. Narahari Sastry appointed as advisor for the industry MCM Industries Pvt. Ltd., Miyapur, Hyderabad.

### **Ph. D Scholars Guided by ECE Faculty:**

- Dr. A D Sarma guided Ph. D Scholar Mr. K.C.T Swamy, for the work entitled "Time Delay Analysis and Scintillation Forecasting for Improving Accuracy of GNSS" in the year 2016

### **Projects Sanctioned:**

- A. two year project on "Improvement of Performance of RLG with Wavelet and S-Transform Algorithms" sponsored by RCI, DRDO, Hyderabad. Dr.K.Subba Rao is the principal investigator and Dr. N.V. Koteswara Rao is the Co-Investigator for the project. Sanction order No. and date RCI/DCMM/LPD/CARS-368 (dated 29 Apr 2016)



## Department of Electrical and Electronics Engineering

### Department Information:

- EEE department got NBA accreditation for ME (PS&PS) for two years.
- Dr. G. Suresh Babu, as a principle investigator of the department received R&D project title "Design and Development of grid tied inverter for Renewable source Applications", Rs.55000/- from "The Institution of Engineers(India), Kolkata.
- Department organized 1 Day Workshop "Vidyog" on 29th March, 2016
- Department organized a Guest lecture on "Application of Electrical Circuits in Electrical Engineering" by Dr. Muneender, Professor ECE, KU, Warangal, on 22nd March, 2016.
- Dr. G. Suresh Babu, attended as a selection committee member EEE department faculty recruitment interview process at Geethanjali College of Engineering and Technology, Hyderabad on 24th Feb, 2016.

### Teaching Faculty:

#### Faculty achieved higher qualification:

- T. Murali Krishna, received Ph.D. Degree in the month of May 2016.

#### Books authored by faculty:

- Dr. B. Suresh Kumar, "Control Strategies of Different Loads to Enhance Power Quality" ISBN (978-3-659-86113-0), LAP LAMBERT Academic Publishing, Germany, March, 2016.

#### Resource lectures delivered by Faculty at International / National level \ workshops/schools:

- Dr. G. Suresh Babu, delivered guest lecture on "Latest Trends in Electrical Drives area in Industrial Arena", ISTE Sponsored National level Student's Technical meet (IGNIUM) on 18th March 2016 at GNITS, Hyderabad.

#### Paper presented by faculty at International / National level conferences or symposia / Journals:

- Dr. E.V.C .Sekhara Rao reviewed a research paper, 'Magnetic Shielding Design for Coupler of Wireless Electric Vehicle Charging Using Finite Element Analysis', for IEEE international conference IECON 2016 going to be conducted by IEEE Industrial Electronics Society during Oct. 2016 in Italy.
- N. Vasantha Gowri, "Calculation of Electrical stress on spherical particle in a power transformer using CFD" IEEE ICSSS, Saveetha Engineering College, Chennai, 23rd - 24th March 2016.
- M. Thirupathaiah and P. Venkata Prasad, "Performance Analysis of Dynamic Voltage Restorer using PI and Fuzzy logic controllers", International Conference on Paradigms in Engineering & Technology (ICPET-2016), MCET Hyderabad, during 2-3 March 2016.
- V. Saketha Reddy and M. Thirupathaiah, "Power Quality improvement in Distribution Systems using Super capacitor based Dynamic Voltage Restorer (DVR)", International Conference on Paradigms in Engineering & Technology (ICPET-2016), MCET Hyderabad, during 2-3 March 2016.
- M. Thirupathaiah, P. Venkata Prasad and V. Ganesh "Analysis of various Compensation devices for Power quality improvement in Wind energy system", International Journal of Electrical Engineering & Technology (IJEET), Volume 7, Issue 3, May-June, 2016, pp.25-39, ISSN Print: 0976-6545 & ISSN Online: 0976-6553.

#### Workshops / seminars / FDP (International / National) attended by faculty:

- Dr. K. Krishna Veni, attended a workshop on "Smart Technologies and Emerging Trends", ESCI, Hyderabad, 22nd to 26th Feb 2016.
- I. Pranav, attended a Three day National workshop on "Approach for Research in Power Electronics, Power and Control Systems Engineering" at University College of Engineering, Andhra University, Visakhapatnam, 28th to 30th June 2016.



- I.Pranav, participated in FDP on "ARM Programming" jointly organized by NITW & C-DAC, from 30th May to 8th June 2016, at C-DAC Hyderabad.
- Dr. E.V.C .Sekhara Rao attended a three day faculty development programme on Power System Design & Analysis using DlgSILENT power factory software with DELLSOFT technologies Pvt. Ltd. During 13-15 June 2016
- N. Santosh Kumar, attended a workshop on "Applications of Power Converters in Distributed generation and Microgrid (APDM-2016)", NIT Calicut, 19th to 25th June, 2016.
- V. Chandra sekhar, attended a workshop on "Applications of Power Converters in Distributed generation and Microgrid (APDM-2016)", NIT Calicut, 19th to 25th June, 2016.
- Smt. T. Poornima Pankajam, attended a workshop on "Advanced Power System Protection", NPTI, Bengalure, 20th to 24th June, 2016.

#### **Faculty elevated to higher positions:**

- Dr. P. V. Prasad, elevated as Head of Department, EEE, CBIT.
- Dr. G. Suresh Babu, elevated as a Ph.D. Guide under K.L. University.

#### **Other Achievements:**

- Dr. E.V.C.Sekhara Rao is honoured as advisory board member for International Conference on Recent Research in Electrical, Electronics, Communication, Computer and Information (ICRRIECCI-2016).
- Dr. E.V.C. Sekhara Rao reviewed a research paper, 'Extreme Learning Machines in an Ensemble Setting', for Journal of Basic & Applied Research International, London.
- Dr. E.V.C .Sekhara Rao reviewed a research paper, 'Modelling and simulation of a sensor-less control of five phase PMSM drives using multi-dimension space vector modulation', for TELKOMNIKA Indonesian International Journal for Electrical & Electronics.

- Dr. E.V.C.Sekhara Rao reviewed a research paper, 'Neural Network-Based Stabilizer for the Improvement of Power System Dynamic Performance', for TELKOMNIKA Indonesian International Journal for Electrical & Electronics.

#### **Student Achievements:**

- Mr. P. KRISHNA TEJASVI (160113734030) won the First Prize in a national level singing competition Alankaar held at IIT Madras as a part of their annual cultural fest Saarang 2016.
- Department of EEE 2nd and 3rd year students attended internship in L&T, BHEL, TSSPDCL, STPC, SCR, OMC, SPDCL, TSGENCO, NTPS etc. during summer vacation for the academic year 2015-16.

### **Department of Information Technology**

#### **Staff Achievements:**


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

- A. Sirisha, Suresh Pabboju, G.Narsimha, "Efficient Mining of Sequential Patterns in a Sequence Database with WeightConstraint" International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume: 4, Issue: 6, pp.394 – 397, May, 2016.
- Kanchan M.Tarwani, Saleha Saudagar, Harshal Misalkar "Maintaining Information Privacy: A Review on Probability Theory" published a paper in International Journal of Innovative and Emerging Research in Engineering, Volume 3, Special Issue 1, ICSTSD 2016, in May 2016.

##### **International Conferences:**

- T.Prathima, A Govardhan, Y Ramadevi, "Automatic Detection of Violent Scenes in Tollywood Movies – A Rough Set Approach", First International Conference on Computational Intelligence and Informatics (ICCI 2016), organised by Department of Computer Science & Engineering, JNTUH CEH during 28th-30th May, 2016.
- Dr. Suresh Pabboju, Ms. K.Sugamya and Dr. A.Vinay Babu "A CBIR Classification using Support Vector Machines", International Conference on Advances in





Human Machine Interaction (HMI 2016) Organized by R.L. Jalappa Institute of Technology, Bangalore, Karnataka, held during 3rd to 5th of March, 2016.

- Katta Sugamya, Suresh Pabboju, A.VinayaBabu, "CBIR Classification Using Support Vector Machines", International Conference on Advances in Human Machine Interaction (HMI - 2016), March 03-05, 2016, R. L. Jalappa Institute of Technology, Doddaballapur, Bangalore, India. (978-1-4673-8810-8/16/\$31.00 ©2016 IEEE)
- M.Trupthi, Suresh Pabboju, G.Narsimha, "Improved Feature Extraction and classification Sentiment Analysis", International Conference on Advances in Human Machine Interaction (HMI - 2016), March 03-05, 2016, R. L. Jalappa Institute of Technology, Doddaballapur, Bangalore, India. (978-1-4673-8810-8/16/\$31.00 ©2016 IEEE).

#### **National Conferences:**

- K. Swathi, Katta Sugamya, "A Survey Paper on Trust Management for Internet of Things" presented a paper in 5th National Conference on Computer Networks & Information Security (NCCNIS-2016), co-sponsored by CSI, IETE & IE(I) during April 06-07, 2016 organized by Department of Information Technology, Vasavi College of Engineering, Hyderabad.

#### **STTPs / FDPs attended:**

- Dr. Smriti Agrawal, Assoc Professor, attended Faculty Development Program on "Data Science", at Cognizant India Pvt. Ltd. on 30th June, 2016.
- Dr. K. Radhika attended an "Interactive workshop" with the leadership team of CISCO Network Academy and TASK on Tuesday, 28th June, 2016.
- Mr. K. Gangadhara Rao, Asst. Professor, attended a six day workshop on deep learning for visual computing from 20th June to 25th June at IIT Hyderabad, Telangana, India.
- Dr. K. Radhika attended a conference on "Relevance of Emerging Technologies in Education" organized by NecX, DynEd and Oracle University on 21st June 2016.

- Ms. K. Swathi, Asst. Professor, attended a 2-week training on Certified Senior System Architect Course during 13.06.2016 to 27.06.2016 organised by Pega Systems, Hyderabad.
- Ms. T. Prathima, Asst. Professor, attended a 2-week training on Certified Senior System Architect Course during 13.06.2016 to 27.06.2016 organised by Pega Systems, Hyderabad.
- Mr. K. Gangadhara Rao, Asst. Professor, attended a 10 days DST Sponsored Workshop on Big Data Analytics from 1st to 10th June 2016 at madanapalle Institute of technology, Chittoor Dist, AP, India.
- Mr. Hanumantha Rao Jalla, Asst. Professor, attended Summer School on "Recent Advances in Privacy Preserving Data Mining-2016" at NIT Goa During May 23-28, 2016.
- Ms. M. Trupthi, Asst. Professor, attended a National Level Faculty Development Program on "Machine Learning", during April 11th - 16th, 2016, conducted by Dept. of CSE, JNTUH, Hyderabad
- Ms. KNVS Sridevi, Asst. Professor, attended a National Level Faculty Development Program on "Machine Learning", during April 11th - 16th, 2016, conducted by Dept. of CSE, JNTUH, Hyderabad.
- Ms. K. Swathi, Asst. Professor, attended a National Level Faculty Development Program on "Machine Learning", during April 11th - 16th, 2016, conducted by Dept. of CSE, JNTUH, Hyderabad.
- Dr. K. Radhika participated in the Principal's meet organized by Infosys on 28th March 2016 at Infosys, Hyderabad Development Centre with a motive to strengthen the Industry - Academia Relationship. Telangana, Andhra Pradesh, Odisha, and WB on Monday, 28th March 2016.
- Dr. Smriti Agrawal, Assoc Professor, participated in Faculty Development Program on, "Embedded Systems", sponsored by SPFU(TS) initiated TEQIP II organized by ESCI, The Institution of Engineers (India), from 28th March to 01st April, 2016.



- Ms. K. Sugamya, Associate Professor participated in the FDP on "Recent trends in Digital& Video Processing" organized by Dept.of ECE, MGIT during 22nd - 27th February, 2016.
- Ms.T.Prathima, Assistant Professor participated in the FDP on "Recent trends in Digital& Video Processing" organized by Dept.of ECE, MGIT during 22nd - 27th February, 2016.
- Ms. B.Veera Jyothi, Asst. Professor, attended a one week faculty development program on "Big Data and Internet of Things" held at GNITS Hyderabad during February 2016

#### **Training Programmes / Seminars / Workshops arranged by the Department:**

- The departments of Information Technology, and CSE organized Project Oriented Training Camp "Swecha Summer Camp 2016" at CBIT campus, Hyderabad during 26th May to 9th June 2016.
- The departments of Information Technology, CSE and MCA in association with NIT-Warangal and E&ICT Academy (Under Ministry of HRD) jointly organized 10 day FDP on Data Warehousing and Business Intelligence at CBIT campus, Hyderabad during 25th April to 5th May 2016.

#### **Other Achievements:**

##### **Dr. Smriti Agrawal Program Committee/Technical Committee Member for**

- Sixth International Conference on Computational Intelligence and Information Technology – CIIT 2016, May 14-15, 2016, Cochin, India.
- International Conference on Inter Disciplinary Research in Engineering and Technology in Feb 12-13, 2016, New Delhi India.
- Seventh International Conference on Advances in Power Electronics and Instrumentation Engineering - PEIE 2016, Mar 12, 2016 in Bengaluru, India.

##### **Ms. B. Veera Jyothi Program Committee/Technical Committee Member for**

- Reviewed an article for Science PG Journal during May 2016.

- Invited as Review committee member for the core conferences which will be held during the year 2016-17.
- Invited as Review committee member for International Conference on Cyber Security and Connected Technologies.

### **Department of Mechanical Engineering**

#### **Department Activities:**

- Dr. N.V. Srinivasulu, organized an International Conference on 'Technological Innovations in Mechanical Engineering) TIME-2016' on 10-11th February, 2016



Photo: (L-R) Dr. N V Srinivasulu, Dr. B Chennakesavarao, Dr.L.Rajasekharan(DMRL), Mr.D.Kamalakar Reddy, Dr. A (DRDL), Dr. P Ravinder Reddy, Mr. Mohanthi (IRD director).

- Sri. T. Ratna Reddy & Ms. Ch. Indira Priyadarsini, MED organized a "One week workshop on Computational Fluid Sciences (CFS)" Hyderabad during 6th – 13th April, 2016.



One Week workshop on 'Computational Fluid Sciences' during 6-13th April, 2016



### List of Publications in International Journals:

- Dr P. Ravinder Reddy, M. Saikiran, "Aerodynamic Analysis of Return Channel Vanes in Centrifugal Compressors", International Journal of Mechanical Engineering (IJME), Vol.5, Issue 1, Jan 2016, pp.73-82, Impact Factor(JCC): 3.2766, ISSN(P): 2319-2240 ; ISSN(E): 2319-2259, IASET
- Dr P Ravinder Reddy, Syed Azeem Pasha, Laxminarayana, "Fabrication of Surface MMC through Friction Stir Processing and Assessment of Machinability by EDM", International Research Journal of Engineering and Technology (IRJET), V3 ,Issue: 02 ,pp.922-928, Feb-2016, e-ISSN: 2395 -0056, p-ISSN: 2395-0072, Impact Factor value: 4.45, ISO 9001:2008 Certified Journal.
- Dr P Ravinder Reddy, S.V.Prasad, Dr.P.LaxmiNarayana, "Residual Stresses in Machining: A Review", Engineering and Scientific International Journal (ESIJ), Volume 3, Issue 1, pp.10-15, January – March 2016, ISSN 2394-7187(Online), ISSN 2394 - 7179 (Print).
- Dr P Ravinder Reddy, Quader, S.M., Murthy, B.S.N., "Processing and Mechanical Properties of Al<sub>2</sub>O<sub>3</sub> and Red Mud Particle Reinforced AA6061 Hybrid Composites", Journal of Minerals and Materials Characterization and Engineering, v4,n2, pp.135-142., March 21, 2016, <http://dx.doi.org/10.4236/jmmce.2016.42013>.
- K. Kishor., "Temperature Distribution across the Piston, Liner and Cylinder Head of Conventional and Catalytic Coated 2-Stroke SI Engine Using Finite Element Analysis by ANSYS", International Journal of Application or Innovation in Engineering & Management (IJAIEEM), ISSN 2319 – 4847, 5(1), 30-34, 201 (Impact factor = 5.427)
- K. Kishor., "Evaluation of Combustion Characteristics of Two Stroke SI Engine with Catalytically Activated Piston with Alcohol Blended Gasoline", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN (Online): 2319-8753, ISSN (Print): 2347-6710, 5(1), 1119-1124, 2016 (Impact factor = 5.442)
- K. Vamsi Krishna and M.V.S. Murali Krishna. (2016). "Influence of injection timing and preheating on exhaust emissions of DI diesel engine with air gap insulation with linseed biodiesel", International Journal of Current Engineering and Technology, ISSN 2347–5161, 6(1), February, 168–173. (Impact factor= 5.126).
- Dr P Ravinder Reddy, Md.Aleem Pasha, Dr.P.Laxminarayana, Dr.Ishtiaq Ahmad Khan, "Aluminium Oxide Particulate Reinforced Friction Stir Welded Joint of Aluminium Alloy 6061", International Journal of Engineering Science and Computing, v6, issue5, pp.5827-5832, DOI 10.4010/2016.1417, ISSN 2321 3361 © 2016 IJESC, May 2016
- Dr P Ravinder Reddy, S.V.Prasad, Dr.P.LaxmiNarayana, "Evaluation of Machining Induced Residual Stresses in 2014 A T6 Aluminum Alloy using Indentation Method and its Co-Relation to Distortion due to Tool Path Layouts", International Journal Of Engineering Sciences & Research Technology, v5, issue5, pp.725-737, DOI: 10.5281/zenodo.51912, ISSN: 2277-9655, Impact Factor: 3.785, IC™ Value: 3.00, May 2016.
- N.Janardhan, M.V.S.Murali Krishna, Ch.Kesava Reddy, N.Durga Prasada Rao and L.Suresh Kumar, (2016), "Studies on exhaust emissions and combustion characteristics of DI diesel engine with air gap insulation with varied injection timing and injector opening pressure", International Journal of Current Engineering & Technology, ISSN:2347 – 5161, 6(1), January, 117–125 (Impact Factor=5.4)
- Y.Nagini, Maddali V S Murali Krishna and S.Naga Sarada, (2016), "Experimental investigations on performance parameters with four stroke spark ignition engine with copper coated combustion chamber with gasohol", International Journal of Current Engineering and Technology, ISSN: 2347 – 5161 6(3), May-June, 841-846.
- N. Janardhan, M.V.S. Murali Krishna, Ch. Kesava Reddy, Durga Prasada Rao. And L.Suresh Kumar. (2016). "Studies on exhaust emissions and combustion characteristics of DI diesel engine with air gap insulation with injection timing and injector opening



pressure", International Journal of Current Engineering and Technology, ISSN 2347-5161, 6(1), February, 117-125 (Impact Factor=5.126)

- D. Srikanth, M.V.S. Murali Krishna and P.Usha Sri, (2016), "Experimental investigations on performance parameters of high grade semi adiabatic diesel engine with cotton seed biodiesel", International Journal of Mechanical Engineering Technology, ISSN: 0976-6340, 7(1), January- February, 42-57 (Impact Factor= 9.2286)
- N.Durga Prasada Rao, M.V.S.Murali Krishna and B.Anjeneya Prasada, (2016), "Experimental investigations on exhaust emissions of DI diesel engine with rice bran oil and its biodiesel with varied injection timing and injection pressure", International Journal of Applications or Innovations in Engineering & Management, ISSN: 2319 - 4847, 5(4), April, 164-173
- Dr P Ravinder Reddy, Md. Alim Pasha, Dr.P. Laxminarayana, Dr Isthiaq,Ahmad Khan, "The Effects of SiC Particle Addition as Reinforcement in the weld Zone during Friction Stir Welding of Magnesium Alloy AZ31B", IRA-International Journal of Technology & Engineering, (ISSN 2455-4480), v3, issue 3, pp. 154-163, doi:<http://dx.doi.org/10.21013/jte.v3.n3.p6>, July 2016).
- Y.Nagini, Maddali V S Murali Krishna and S.Naga Sarada, (2016), "Control of pollution levels of four stroke spark ignition engine fuelled with gasohol", International Journal of Advanced Scientific and Technical Research, ISSN: 2249-9954, 3(6), May-June, 29-34
- K. Kishor., "Comparative Studies on the Combustion Parameters of Modified SI Engine over Base Engine", International Journal of Current Engineering and Technology (IJCET), E-ISSN 2277 - 4106, P-ISSN 2347 - 5161, 6(1), 185-188, 2016 (Impact factor = 5.126)
- K. Kishor., "FE Thermal Analysis and Experimental Validation on the Components of SI Engines", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2249-8001, 6(1), 41-48, 2016 (Impact factor = 5.6934)

- N.Durga Prasada Rao, M.V.S.Murali Krishna and B.Anjeneya Prasada, (2016), "Investigations on exhaust emissions of DI diesel engine fuelled with crude rice bran oil", International Journal of Current Engineering and Technology, ISSN: 2347 - 5161, June, 6(3), 847-852.
- K. Kishor., "Comparative Temperature Predictions of Copper Coated SI Engine Piston and Cylinder Head over uncoated Components", International Journal of Current Engineering and Technology (IJCET), E-ISSN 2277 - 4106, P-ISSN 2347 - 5161, 6(1), 189-193, 2016 (Impact factor = 5.126)

#### International conferences:

- R.Uday Kumar, Dr P.Ravinder Reddy, A.V.Sitaramaraju, "Comparative Study On Radial Stresses Of Sheet Metals Through Hydro forming", International Conference on Technological Innovations in Mechanical Engineering[TIME-2016], 10th -11th , February 2016, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad., V1., pp. 1-6, ISBN : 978-93-81692-07-1.
- L.Ramayee, Ch.V.Sushma, Dr P. Ravinder Reddy, P. Surender Reddy, "Design and Analysis of a Mechanical Bus Seat Recliner", International Conference on Technological Innovations in Mechanical Engineering[TIME-2016], 10th - 11th, February 2016, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, V1, pp. 119-125, ISBN : 978-93-81692-07-1.
- G.Kishan, B.V.S Rao, Dr P.Ravinder Reddy, N.V.Srinivasulu, "Structural Analysis of Dyneema-Epoxy Based Hovercraft Hull Using Finite Element Method", International Conference on Technological Innovations in Mechanical Engineering[TIME-2016], 10th -11th , February 2016, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, V1, pp. 160-169, ISBN : 978-93-81692-07-1.
- G.Laxmaiah, A A Srirama Krishna, Dr P Ravinder Reddy, "Effect of Shell Thickness on Noise in hermetically sealed Reciprocating Compressor, International Conference on Technological



Innovations in Mechanical Engineering[TIME-2016], 10th -11th , February 2016, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, V2, pp. 13-16, ISBN : 978-93-81692-07-1.

- R.Uday Kumar, Dr P.Ravinder Reddy, A.V.Sitaramaraju, "Influence Of Blank Thickness In Hydroforming Deep Drawing Process", International Conference on Paradims in Engineering and Technology [ICPET-2016], 2nd -3rd March 2016, Methodist College of Engineering & Technology , Abids, Hyderabad.
- R.Uday Kumar, Dr P. Ravinder Reddy, A.V.Sitaramaraju, "Role of Viscosity In Hydroforming Process", International Conference on Materials Processing and Characterization [ICMPC-2016], 12th -13th March, 2016, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- Afroz Mehar, Dr P. Ravinder Reddy, G.K. Mohan Rao, "Experimental Investigation and FE Analysis of Mechanical Properties of Carbon Fiber Reinforced Epoxy Composites", 4th International Conference on Materials Processing and Characterization (ICMPC 2015), 2nd-3rd March 2016, Methodist College of Engineering & Technology, Abids, Hyderabad.
- R.Uday Kumar, Dr P.Ravinder Reddy, A.V.Sitaramaraju, "Determination Of Hoop Stresses In Hydroforming Process", International Conference on Advancements in Aero Mechanical Materials for Manufacturing [ICAAMM-2016], 7th -9th June, MLR Institute of Technology, Dundigal, Hyderabad.

#### **National conferences:**

- R.Uday Kumar, Srinivasa Prakash Regalla, Dr P.Ravinder Reddy, "Parametric study on deep drawing, National Conference on Design and Manufacturing Technologies for Product Life Cycle [DPLC-2016]", 19-20, March 2016, Birla Institute of Technology & Science, Pilani, Hyderabad Campus, Shameerpet, Hyderabad

#### **Ph. D Guidance:**

- Y Venkatanarayana was awarded Ph. D under the guidance of Dr P. Ravinder Reddy, Prof.&Head, MED in

the field of "Investigations on Buckling of Laminated Composite Cylindrical Shells", On 26th March 2016 by JNTU Hyderabad.

#### **Expert Talks/Invited talks:**

- Dr P. Ravinder Reddy delivered a key note talk on "use of CAD tools for the Computer Aided Engineering Drawing" during Faculty Development Programme on Computer Aided Engineering Drawing on 13th June 2016, at dept. of Aeronautical and Mechanical Engineering dept.s of Institute of Aeronautical Engineering (A), Dundigul, Hyderabad-43, Telangana state.

#### **Recognitions:**

- Dr P. Ravinder Reddy, Prof. & Head of MED is appointed by director DRDL as a Member of DRDL research council from 9th May 2016 for a period of 2 years.
- Dr P. Ravinder Reddy, Prof. & Head of MED is appointed by director DRDL on 10th June 2016 as a Member, DRDO awards scheme for the lab level awards for the year 2015

#### **Paper Presentations:**

- Dr P. Ravinder Reddy, Afroz Mehar, G. Krishna Mohan Rao, Experimental analysis of orthotropic cylindrical shell subjected to Internal Pressure, International Journal on Mechanical Engineering and Robotics (IJMER), Volume-3, Issue-1, pp.11-14, 2015, ISSN (Print): 2321-5747
- Dr N.V. Srinivasulu presented a paper on 'Structural Aspects of Impeller Blades', International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), IC Value 3.0
- N. Janardhan, M.V.S. Murali Krishna and P. Usha Sri. (2015), Experimental investigations on performance parameters of diesel engine with ceramic coated insulated combustion chamber with jatropha oil with varied injection pressure, International Journal of Thermal Technologies, ISSN: 2277-4114, June, 5(2), 112-121. (Impact factor= 1.129



### Books published:

- Dr. Kollipara Kishor, "Experimental Investigations on Methyl Alcohol – Gasoline Blend Fueled Catalytic Coated Two Stroke SI Engine", ISBN: 978-93-85640-44-5, Archers & Elevators Publishing House, Bangalore, January 2016

### Courses/Winter Schools/Achievements:

- Mr. Kiran kumar presented a paper on 'Base Excited Random Vibration Analysis of Thin Shells' at IIT-B, Mumbai, 29th June, 2016, ICCMS-2016
- V. Jaipal Reddy, attended 4-Week Orientation Programme from 25.05.2016 to 25.06.2016 organized by Guru Ghosidas Vishwa Vidyalaya (Central University), at Bilaspur, Chattisgarh
- Mr. D. Ravi attended an International Conference on 'Advances in Aeromechanical Materials for Manufacturing' on 7-9 July, 2016 at organized by MLRIT, ICAA-2016 collaborated by Elsevier.
- Mr. D. Ravi, Presented poster presentation in International Congress on Recent Advance in Chemistry & Chemical Engineering on 11-13 July, 2016 ICRACAD-2016 organized by Dept. of Chemistry at JNTUH

## Department of Physics

### Papers Published by the Faculty

- Dr. B. Sreenivasa Reddy, Associate Professor and K. Vinay Kumar Reddy, Assistant Professor published research paper entitled "Coherent Detection of Random Signals: An Approach of Genetic Algorithm for Enhancement of S/N Ratio in Hyperfine Spectroscopy" in International Journal of Engineering Technology, Management and Applied Sciences. 4 (7), 58 – 63, 2016, ISSN: 2349 – 4476.
- Dr. Y. S. Reddy, Assistant Professor, published research paper entitled "Elastic Properties of Colossal Magnetoresistive Manganites  $R_{0.67}Sr_{0.33}MnO_3$  ( $R = Pr, Nd, Gd$ )" in Acta Physica Polonica A 129 (2016) 113 – 116, ISSN: 1898 - 794X (online) 0587 – 4246 (print).

## Department of School of Management Studies

### Conferences Organized:

- A Two-Day National Conference on Operations Research and Management - A Strategy towards Competitive Advantage (NCORM 2015) (Supported by TEQIP-II) 20th -21st November, 2015 was organised by School of Management of Management Studies and Department of Mechanical and Production Engineering, CBIT. Dr.P.Ravinder Reddy, Head, MED was Chairman and Dr.S.Saraswathi, Head, SMS was Convenor for the program.



### Paper Publications:

- T S Poornachandrika, A.R.Aryasri, "Entrepreneurial Eco System in India through Technology and Innovation", 3rd International Conference On Next Generation Education For Entrepreneurial Engineers(ICNGE3-16) held on March 9-10, 2016 at SR Engineering College, Warangal, Telengana.
- B N V Parthasarathi, A.R.Aryasri, "Monetising Gold, The Indian Banker", April, 2016, ISSN No 2349-7483
- B N V Parthasarathi, A R Aryasri, "India's Road to Prosperity: The Road less Travelled", SEDME 42.1, March 2015, P.1-22.
- B.Lavanya, "Mediating Role of Employee Citizenship behavior in Operations Management – A study on select RPO Companies in Hyderabad", The International Journal of Science, April 2016. PP : 350-354
- K Bhagya Lakshmi, "A Study on Pre & Post Analysis of IPO's in India", Indian Journal of Science, 2016, 23(80)355-362



- K.Vara Prasad, Research paper published in Discovery International Journals with ISSN 2278-5469, EISSN 2278-5450 titled "Sustainability for effective operations management"
- Sowmya Kethireddi, "Innovation Culture among Women Entrepreneurship in SMEs": International Journal of Research Excellence in Management, Vol. 3, Issue 4, 2016, Publication of Sri India, ISSN: 2278-7089.
- Sowmya Kethireddi "Disruptive Innovation in Banking Sector": International Journal of Scientific Research Management, Vol. 4, Issue 2, February 2016, ISSN: 2321-3418 pp. no.3917-3922.
- Mounika J, Sowmya K, "Data analytics and its usage in various sectors": Indian Journal of Science. April 2016, 23(80), 302-305.
- Sowmya K, Mounika J., "Impact of managerial accounting in implementation of CRM": Indian Journal of Science. April 2016, 23(80), 373-376.
- Sowmya K, Mounika J., "A Study on Investors Perception Towards Investment Avenues": International Journal of Research in Finance and Marketing, Vol.6, Issue 4(April 2016), ISSN 2231-5985.
- Sowmya K, "Barriers to Adoption of E-Business in Indian SMEs": Indian Journal of Research, Vol.5, Issue 5, May 2016, ISSN 2250-1991.
- Surekha Adiki, Paramanand S, Aryasri A.R., "Productivity Improvement – A case study of Shriram fuel injection industries(SFIL)", Discovery - The International Journal, Mar 2016, ISSN 2278-5469, 52(243), 517-524.

#### **Papers Presented:**

- B.Lavanya, presented a paper on "Mediating Role of Employee Citizenship behavior in Operations Management" in National Conference on Operations Research & Management – A strategy towards competitive advantage on 28th & 29th Jan 2016 by Dept. of Mechanical & Production Engineering and School of Management Studies, Chaitanya Bharathi Institute of Technology, Hyd
- K Bhagya Lakshmi, presented a paper on "Pre & Post Analysis of IPO's in India" in National Conference on Operations Research & Management – A strategy towards competitive advantage on 28th & 29th Jan 2016 by Dept. of Mechanical & Production Engineering and School of Management Studies, Chaitanya Bharathi Institute of Technology, Hyd
- K.Vara Prasad Participated and presented a paper at a two-day National conference NCORM 2016 at CBIT hosted by the Department of Mechanical & Production Engineering and School of Management Studies organized on 28th and 29th Jan 2016
- Mrs. Surekha Adiki, Paramanand S, Aryasri A.R., "Productivity Improvement – A case study of Shriram fuel injection industries(SFIL)", Discovery - The International Journal, Mar 2016, ISSN 2278-5469, 52(243), 517-524.

#### **Work Shops and FDP's:**

- Tulasiram attended a Two day "Faculty Development Programme" conducted by Dept. of Civil Engg., MGIT from 3rd & 4th March, 2016

#### **Other Achievements:**

- Dr A.R.Aryasri was invited as Member/Subject expert for III combined Board of Studies at BoS at Sree Vidyanikethan Engineering College, Sree Sainath Nagar, A. Rangampet-517 102 on 22.4.2016
- Dr A.R.Aryasri was invited as Member/subject expert for BoS Meeting at Engineering staff College of India during April 27-29. 2016.
- Dr A R Aryasri was invited as subject expert for Ratification interviews at JNTU Kakinada on 7.5.2016.
- Dr A.R.Aryasri delivered a lecture in Faculty Development Program organised by Aditya Global Business School, Surempalem, East Godavari District, during May 9, 2016.
- Dr A.R.Aryasri was invited as Member Board of Studies, at Vignana Jyothi Institute of Engineering and Technology, Bachupally, Hyderabad on 16.5.2016



- Dr A.R.Aryasridelivered a talk at Workshop 'Changing Management Education Paradigms' organised by JNTU Kakinada on 30th July, 2016.
- V.Srinivasa Rao: Completed Pre-PhD (Management Studies) from University of Hyderabad

## Department of Physical Education

### Tournaments Organised:

- SAKSHI Tournament named ARENAONE for Tabletennis, Badminton, Carroms and Chess at CBIT campus during 4th – 6th February 2016.
- National Inter Engineering Colleges Sports Meet AURA-2016 at CBIT campus during 15th -20th February 2016.

### Papers Presented In The Conference and Workshop Attended:

- Dr.G.Shyam Mohan Reddy,"Effect of a ten week training program on cardiovascular endurance among basketball and badminton players", presented at International conference on physical education and sports sciences organised by S.V's Sridora Caculo College of commerce and management studies, Mapusa, Goa from 2nd to 4th June 2016.
- Dr.G.Shyam Mohan Reddy, chaired the session at International conference on physical education and sports sciences organised by S.V's Sridora Caculo College of commerce and management studies, Mapusa, Goa from 2nd to 4th June 2016.
- Dr.G.Shyam Mohan Reddy, attended and chaired a session at the International workshop on recent trends in physical education and sports industry - 2016 at Federation House, FTAPCCI Bhavan, Red hills, Hyderabad on 26th and 27th June 2016.
- Dr.R.Rajeswari,Awarded Doctorate of Philosophy (Ph.D) in the department of Physical Education from J.N.T.U, Hyderabad on 25.05.16.
- Dr.R.Rajeswari,"Effect of fitness training on strength endurance", presented at International conference

on physical education and sports sciences organised by S.V's Sridora Caculo College of commerce and management studies, Mapusa, Goa from 2nd to 4th June 2016.

- Dr.R.Rajeswari,Attended the International workshop on recent trends in physical education and sports industry - 2016 at Federation House, FTAPCCI Bhavan, Red hills, Hyderabad on 26th and 27th June 2016.

## SPORTS ACHIEVEMENTS 2015-16

- A.Ravali – 3/4 CSE – Tabletennis – Runners – All India Inter University Tabletennis Tournament – held at Bhopal – from 08th – 12th March 2016.
- A.Ravali – 3/4 CSE – Tabletennis- III Place – South Zone Inter University Tabletennis Tournament – held at Vikramasimha University, Kavali – from 27th – 31st January 2016.
- Thakur Shivraj Singh – 1/3 MCA – Baseball – Participated in All India Inter University Baseball Tournament – held at Panjab University, Chandigar – from 21st – 29th February 2016.

### BITS, Hyderabad Organised National Annual Sports festival – ARENA'16[27th – 31st JANUARY 2016]

- |                 |         |   |           |
|-----------------|---------|---|-----------|
| ● Badminton     | – Women | – | Winners   |
| ● Badminton     | – Men   | – | Runners   |
| ● Power lifting | – Men   | – | Winners   |
| ● Best Psyche   | – Men   | – | III place |

### CBIT, Organised National Inter Engineering Colleges Sports Meet – AURA'16 [18th– 20th February 2016]

- |               |          |   |         |
|---------------|----------|---|---------|
| ● Badminton   | – Women  | – | Winners |
| ● Tabletennis | – Women  | – | Winners |
| ● Throwball   | – Women  | – | Runners |
| ● Basketball  | – Women  | – | Runners |
| ● Badminton   | – Men    | – | Winners |
| ● Basketball  | – Men    | – | Winners |
| ● Cricket     | – Men-A  | – | Winners |
| ● Cricket     | – Men -B | – | Runners |



## List of the Students

S.NO	DISCIPLINE	PLACE	TOURNAMENT / VENUE	PLAYERS / CLASS
1.	Badminton (Women)	Winners	ARENA'16 – National Annual Sports festival – BITS, Hyderabad, 27th – 31st January 2016	Ch. Sree Harsha – 4/4 ECE M.Santhosha Lahari – 4/4 Civil G.S.Shri Durga – 2/4 Chemical K.Divyarsha – 1/4 CSE2
2.	Badminton (Men)	Runners	ARENA'16 – National Annual Sports festival – BITS, Hyderabad, 27th – 31st January 2016	N.Susanth Reddy – 4/4 Mechanical A.Anil – 3/4 EEE B.R.K.A.Srinivas – 3/4 ECE Karthik Vardhan – 2/4 Production T.Pavan Kumar Reddy – 2/4 Chemical S.Rishi Kumar – 2/4 ECE
3.	Powerlifting	Winner	ARENA'16 – National Annual Sports festival – BITS, Hyderabad, 27th – 31st January 2016	K.Yugendar Goud – 2/2 MBA
4.	Best Physique	III Place	ARENA'16 – National Annual Sports festival – BITS, Hyderabad, 27th – 31st January 2016	K.Yugendar Goud – 2/2 MBA
5.	Badminton (Women)	Winners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	Ch. Sree Harsha – 4/4 ECE M.Santhosha Lahari – 4/4 Civil G.S.Shri Durga – 2/4 Chemical K.Divyarsha – 1/4 CSE2
6.	Tabletennis (Women)	Winners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	N.Manasa Reddy – 4/4 IT A.Ravali – 3/4 CSE2 Shravya – 1/4 CSE
7.	Throwball (Women)	Runners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	G.Mounika – 4/4 Chemical Y.Aishwarya – 3/4 Biotech Bhavya – 3/4 CSE1 Yashwitha – 3/4 CSE2 A.Priyanka – 2/4 CSE3 K.Spoorthy Reddy – 2/4 Civil1 G. Priya – 2/4 IT Krishnaveni – 2/4 ECE2 Menita – 1/4 Biotech Sahitya -1/4 EEE1 Aarthi – 1/4 Chemical S.Akhila – 1/4 CSE1
8.	Basketball (Women)	Runners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	Tejaswini Mariyada – 4/4 IT R.Namrata – 3/4 ECE1 Rohini Bandi – 3/4 CSE2 Prashamsha Reddy – 2/4 IT Raga Gundlapally – 2/4 ECE1 Shaily Sheikh - 2/4 CSE1 G.Pranavi Reddy – 1/4 Civil N.Keerthi Shravani – 1/4 Chemical Sreeranjani – 1/4 ECE2 Shayista Faraaz - 1/4 Mechanical



9.	Badminton (Men)	Winners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	N.Susanth Reddy – 4/4 Mechanical Karthik Vardhan – 2/4 Production T.Pavan Kumar Reddy – 2/4 Chemical
10.	Basketball (Men)	Winners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	Charith Reddy - 4/4 Mechanical Mahender .M - 4/4 EEE Abdul Aziz Hassan - 4/4 Civil V.Prakyath Reddy - 3/4 ECE-2 V.Sai Kundan - 3/4 chemical M. Nitin - 3/4 Mechanical Vineeth - 2/4 ECE B.Karthik Vardhan - 2/4 Production P.Vinay - 1/4 Mechanical Adnan - 1/4 Civil Siddarth - 1/4 ECE Moosa Mohammed - 1/4 Civil
11.	Cricket (Men-A)	Winners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	M.Akshay Reddy - 4/4 Mechanical J.Santosh Kumar - 4/4 ECE P.Anirudh - 3/4 CSE1 B.Aravind - 3/4 CSE Sharan.S - 3/4 CSE1 K.Vamsi Kiran - 3/4 Mechanical K.Sanjay Reddy - 2/4 Civil2 G.Sujith Kumar - 2/4 Production K.Gnaneswar - 2/4 Chemical Vikas - 2/4 Chemical Anil - 2/4 Mechanical Anil Kumar - 1/4 ECE D.Rahul - 1/4 ECE
12.	Cricket (Men-B)	Runners	AURA'16 – National Inter Engineering Colleges Sports Meet – CBIT, Hyderabad, 18th – 20th February 2016	K.Rajashekar Reddy - 4/4 Civil K.Pranay - 4/4 ECE B.Rakhil - 3/4 Mechanical P.Karthik - 3/4 ECE B.Dheeraj - 3/4 Production M.Suman Reddy - 3/4 Biotech K.Srikanth - 3/4 ECE2 N.Manishwar Reddy - 3/4 Mechanical S.Sai Sanketh - 3/4 ECE V.Sai Charan - 3/4 ECE A.Sivadhar Reddy - 2/4 Civil Sameer Varma - 2/4 Chemical G.Akhil Raj - 1/4 Civil Mahender .M - 4/4 EEE Venkatesh - 4/4 Mechanical

In SHRUTHI-2016 (Annual sports meet),

The overall champions in men section is **Chemical Department** with 18 points

Basketball - Winners

Badminton - Winners

Volleyball - Winners

Football - Runners

The overall championship in women section is **Mechanical Engineering Department** with 25 points

Cricket - Winners

Carroms - Winners

Chess - Winners

Tennikoit - Winners

Yoga - Winners



## Library & Information Centre

**Papers Presented by Faculty at International / National level conferences, Seminars, Symposia and workshops etc.:**

- Dr. Srikanth Reddy, C. "Total Quality Management (TQM) – Quality Enhancement in Library & Information Services" National Conference on Operations Research and Management – A Strategy towards Competitive Advantage (NCORM-2016), Dept. of Mechanical & Production Engineering and School of Management Studies, CBIT Hyderabad, Telangana, January, 2016.

**Workshops or Seminars Attended by the Staff:**

- Dr. Srikanth Reddy, C. Librarian attended Seminar on "Journal's Editorial Roundtable 2016 – Getting Visible – Indian Authors in the Global Arena" organized by Taylor & Francis Group on 09th March, 2016 at Hyderabad.
- Dr. Srikanth Reddy, C. Librarian attended "Workshop cum Training Programme on Institutional Digital Repository and Metadata Engineering" organized by National Digital Library (NDL) A NMEICT Project, MHRD, Govt. of India under IIT, Kharagpur and Library, International Institute of Information Technology (IIIT), Hyderabad.

**Library & Information Centre Collection Details & Other Information:**

- No. Books Received during : **1,010 Volumes / Jan-16 to June-16 Books**
- Total No. of Books as on : **1, 08,088 31.06.2016 Volumes**
- Total No. of Journals subscribed :
  - National : **115**
  - International : **5000+** (Print & Online E-Journals )
- Subscribed the following new **E-Journal Packages** for the **Year 2016**

- IEEE ASPP
- ASCE Digital Library
- ASME Digital Library
- Elesievier - Science Direct**
- McGraw Access Engineering
- ASTM Digital Library
- JGATE – Engg. & Technology (JET)**
- JGATE – Management Science (JSMS)**
- EBSCO – Business Source Elite**
- ProQuest

- Subscribed **Springer E-Books in Engineering.**

- Pl. Visit the Library Homepage: **www.library.cbbit.ac.in** for New Books Arrival list, Library Information and also for the newly added Free E-Resources & Open Access E-Journals.

- Please Visit Library Blog "Chaitanya Vartha" at "**http://www.chaitanyavartha.blogspot.in/**" for the information about the CBIT Activities, Seminars, Workshops and Placement information etc.,

## Department of Maths & Humanities

**Departmental Activities:**

- As member, BOS,VJIT, Dr. A.Sandhya Reddy, Assoc. Prof, attended a meeting on 27th May 2016.

**Paper Publications:**

- Suvarna Ragini. Ch., "Understanding learners' learning preferences through Reid's Perpetual styles Questionnaire", (page nos. 76-79), 10th International Conference organized by Prestige Institute of Management and Research, Indore. ISBN No. 978-93-5062-628-3., Quality Education, Entrepreneurship and Exemplary Business Practices for Social Change.(Feb-2016)
- Suvarna Ragini. Ch., "Measuring L2 Learning preferences through Ehrman and Leaver Learning Styles Questionnaire", (page nos. 58-63) Online Journal, ISSN 1930-2940., Language in India **www.languageinindia.com**, Vol.16:4, New Perspectives in ELT (2016)



- Mrs. B.Chandana published a paper titled, “: "Immigration identity: alienation-locale and Reconciliation" in IJNRHSS- [www.noveltyjournal.com](http://www.noveltyjournal.com) manuscript ID : 017042016 CISSN 2394 - 9694 (ONLINE)Date - 11th March, 2016.Volume: 3 Issue:2
- Mrs.B.Chandana published a paper titled “ Immigrant write 'Anita Desai' - Her contribution to Indian Fiction IJNRHSS ISSN 2394 - 9694 Date - May-June, 2016.Volume: 3 Issue:2 PP (60-64)

#### Paper Presentations:

- Suvarna Ragini. Ch., presented a paper titled "Using online Reading Strategies to Improve Inferential Reading strategies among Tertiary level Learners." conducted by Vasavi College of Engineering at 11th International ELTAI Conference - Hyderabad.

#### Workshops Attended:

- Mrs.T.Swarna Latha, Mrs.B.Chandana and Mrs. Mercy Rani attended anInternational Workshop BITS, Hyderabad on “ELT in the Classroom : Academic and professional perspectives” 30th April and 1st May, 2016.

#### Guest Lecture:

- A guest lecture was organized by Mr.Srinivas Andoju (Sr), Asst Prof, for the proficiency course students on "English for equality : A need based remediation for rural background students in engineering colleges". The speaker was Dr. Ravi Pondicherry on EFL University.

### Department of Master of Computer Applications

#### Faculty Development Programmes Organized:

- Dr Lakshmi Sreenivasa Reddy D, Assoc. Professor Conducted a Two Week FDP on “Data Warehousing and Business Intelligence” In Collaboration with NIT-Warangal and Ministry of HRD April 25th –May 5th 2016.



Dr. B. Chennakesava Rao, Dr. K. Sagar, Dr. DLS Reddy  
(Left to Right)



FDP Participants at Laboratory

#### Journal/Conference Paper Publications/Presentations:

- Sri. D. Jayaram, Assoc. Professor,published a paper entitled “Text Extraction from Hoardings” in International Journal of Innovative and Emerging Research in Engineering (IJIERE), Volume 3, Issue 6, pp.58-64, June 2016 (Impact Factor:3.47).
- Dr Lakshmi Sreenivasa Reddy D Assoc. Professor and Dr. Ravindra babu published a paper entitled “Comparison between Classifier’s Accuracies Based on Different Outlier Analysis Methods Generated by Frequent and Infrequent Categorical Data”, IEEE-AINA-2016, March 23-25,2016,Switzerland,published in IEEE Xplore. Pp.18-23.
- Dr Lakshmi Sreenivasa Reddy D, Assoc. Professor presented a paper entitled “Comparison between Classifier’s Comparative Study of Outlier Analysis Methods in Improving Classifier Accuracy on Categorical Data” IEEE-MicroCom-2016, 23-25th January 2016, NIT Durgapur, West Bengal, India.



- Dr Lakshmi Sreenivasa Reddy D published a paper entitled "Comparative Study of Improving Classifier Accuracy", IJRITCC, Vol4, Issue1, Jan 2016, pp. 140-144.

#### **Workshops/Conferences/FDPs attended/participated:**

- Sri. M.Ramchander, Asst. Professor attended a Conference on "Comparison between Classifier's Comparative Study of Outlier Analysis Methods in Improving Classifier Accuracy on Categorical Data" IEEE-MicroCom-2016, 23-25th January 2016, NIT Durgapur, West Bengal, India.
- Sri. M.Ramchander, Asst. Professor and Smt. G. Kalpana, Asst. Professor attended a Two Week FDP on "Data Warehousing and Business Intelligence" In Collaboration with NIT-Warangal and Ministry of HRD April 25th –May 5th 2016
- Sri. B. Srinivas SP Kumar, Asst. Professor attended a one day workshop on "MATLAB EXPO-2016" conducted at Hotel Hyatt, Banjara Hills, Hyderabad in 26th March 2016
- Dr Lakshmi Sreenivasa Reddy D, Assoc., Professor, attended a one day FDP on "Data Science" conducted by CTS, Hyderabad on June 30, 2016.

- Sri. M. Ramchander Asst., Professor, attended a one day FDP on "Data Science" conducted by CTS, Hyderabad on June 30, 2016.

#### **Reviewers:**

- Dr Lakshmi Sreenivasa Reddy D, Assoc., Professor, acted as Paper Reviewer of IEEE International Conference "MicroCom-2016", NIT-Durgapur, West Bengal, India., January 2016.

#### **Guest Lectures:**

- Dr Lakshmi Sreenivasa Reddy D, Assoc., Professor delivered a guest lecture on "Data Science" organized by Rayalaseema University, Kurnool, Andhra Pradesh, and 29th -30th January 2016.
- Dr Lakshmi Sreenivasa Reddy D, Assoc., Professor delivered a guest lecture on "Big Data Analytics and Challenges", Organized by Rayalaseema University, Kurnool, Andhra Pradesh, 24th – 25th June, 2016
- Sri. G.N.R. Prasad, Assoc. Professor delivered a Guest Lecture on "Organ and Body Donation – An Awareness" to the Senior Citizens of Hyderabad conducted by The Association of Senior Citizens of Hyderabad on 23rd Feb. 2016.



## Placement Office Events (1<sup>st</sup> January 2016 to 30<sup>th</sup> June 2016)

S.No.	DATE	ORGANIZATION	Topic	SPEAKER	ATTENDED BY	VENUE
1	06.01.2016	Kernelsphere	IoT Workshop	Vinod Kumar	BE/B.Tech All Branches	Placement office
2	13.01.2016	Synchrony Financial	The Future of Financial Technology	Carol Juel	1. Dr.NLN Reddy	Trident Hyderabad
3	05.02.2016	CII	Faculty Visit to ITC-PSPD	Ms.Tapati	1.D.Gopinath, Asst.Prof, MED	ITC Limited – PSPD, Bhadrachalam
4	09.02.2016	Accenture	MD Connect with students	Sasmita Biswal-MD Accenture Ajay Hiremath Campus POC	All Accenture Selectees	Placement Office
5	15.02.2016	CTS	Post offer engagement session	Shiva Tammishetti	Cognizant offer accepted studetns	Placement Office
6	17.02.2016	ICICI Stockmind	Game Seminar	Vismet Mehta	All B.Tech, M.E/M.Tech, MCA & MBA Students. (Any Year)	Assembly Hall, Placement Office
7	17.02.2016	CBIT	Sr.PC's with JR PC's Meeting	Dr.NLN Reddy	All Sr.PC's & JR PC's Meeting	Placement Office
8	19.02.2016	Wipro	Chita chat	Mr. Mino Jacob- Head Talent Acquisition for WI and Group GIS	BE -All 3rd Year and Selected students in Wipro 2015 Batch.	Placement Office
9	20.02.2016	kernelsphere	IoT (Internet of Things) Workshop	Vinod Kumar	Dr.NLN Reddy & CBIT Teaching Staff	Conference Hall in Placement Office
10	25.02.2016	Loyola Academy	Guest Speaker for International Conference	Dr.L.Joji Reddy.S	Dr.NLN Reddy	Loyala Academy Degree & PG College, Old Alwal, Secunderabad- 500 010, telanga State, India.
11	26.02.2016	Accenture	One Day innovation workshop in Future Technology Leaders.	Ajay Hiremath	BE - CSE & IT	Placement Office
12	01.03.2016	CBIT	Sr.PC's with JR PC's Meeting	Dr.NLN Reddy	UG & PG All PC's Meeting	Placement Office
13	02.03.2016	US University Visit	students will we be addressing	Sheela Thyagaraj	1. Dr.Principal Dr.NLN Reddy & 4th Years Studetns	2. Placement Office
14	03.03.2016	JP Morgan	JPMC Road Show	Sarang Sharma	BE-CSE & IT 3rd Years (240 Stu Only)	Placement Office
15	05.03.2016	KENT RO (MBA)	Interviews	Amit Dhavan	MBA - Marketing (Boys only)	Placement Office
16	15.03.2016	Guest lecture	Organized One day Series of Guest Lectures	Dr. K.Shekar & Dr. Pitchumani Balakrishnan.	1. Dr. B.Chennakesava Rao NLN Reddy Prapurna, HOD Chem & Staff 4. 4/4 Chemical Students	2. Dr. 3. Dr.Naga Placement Office Conference Hall
17	17.03.2016	United Health Group (UGH)	Work Force Management	Mr.Prasanna	Dr.NLN Reddy	CBIT Campus
18	21.03.2016	CBIT	Interaction with 3rd Students	Dr.NLN Reddy	BE- EEE-2	Placement Office
19	22.03.2016	GOOGLE TEAM	workshop on Android Mobile Development	GOOGLE TEAM	All Branch Students of 2/4 & 3/4	Placement Assembly Hall
20	22.03.2016	CBIT	PC's Meeting 3rd & 4th years	Dr.NLN Reddy	Dr.NLN Reddy	Placement Office
21	01.04.2016	Conduira / Young india Prog	Workshop on "Personality Developmnet and Verbal Ability	Md. Abdulla, Director of Condura	All 3rd Year BE/B.Tech Students -1000	Assembly Hall
22	04.04.2016	Deloitte	Empowered well-being	Bhardwaj, Deepika	All Branch Students of 3/4	Placement Assembly Hall
23	07.04.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE-Civil & Mech Branches	Placement Office
24	09.04.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE- IT & ME/M.Tech, CSE,IT, CAD/CAM,Thermal,PSPE,Embb, VLSI, EarthQuake & CNIS.	Placement Office
25	11.04.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE- ECE2 & ECE3	Placement Office
26	12.04.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE- ECE1 & CSE1	Placement Office
27	13.04.2016	Progress software Intern	Hackathon Event	Srikanth	BE - CSE & IT	Placement Office
28	18.04.2016	Pega	Pega program progress talk	sarada satapathy	BE - CSE & IT	Placement Assembly Hall
29	18.04.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE- IT	Placement Office
30	19.04.2016	CBIT	JR PC's Meeting	Dr.NLN Reddy	UG & PG All PC's Meeting	Placement Office
31	25.04.2016	International Youth Fellowship	Delivered the mind lectures	Rishita, Sr. Excutive	Dr.NLN Reddy	JNTU,Kukatpally, Hyderabad.
32	02.05.2016	CBIT	Mock Placement	Dr.NLN Reddy	BE-CSE-2	Placement Office
33	21.05.2016	Cognizant	Cognizant Certified Student Program.	Shiva Tammishetti	(3rd Year All BE, BTECH Students, & MCA, ME MTECH, All BRANCHES)	CSE, IT, MBA & MCA LABS
34	27.06.2016	Pega	Pega Meeting	Satapathy, Sarada	Dr.NLN Reddy	CBIT



## Training Placement Cell

### Placements (1<sup>st</sup> January 2016 to 30<sup>th</sup> June 2016)

S. No.	Name of the Organization	Salary Per Annum (Rs. In Lakhs)	Date of Test/ Interview	ECE	CSE	EEE	IT	MECH	PROD	CIVIL	CHEM	BIO-TECH	MCA	MTech/ CSE	MTech/ CNIS	M.E/ ECE	ME/ VLSI	M.E/ EEE	M.E/ Cad/Cam	ME/ THERMAL	ME/ CIVIL	MBA	TOTAL
1	Thinktankers Internship	1.5	05.01.2016	NA	7	NA	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10
2	Deloitte Internship	50000 2m	21.01.2016	NA	3	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
3	Biological E. Limited	1.5	21.01.2016	NA	NA	NA	NA	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
4	INSPIRAGE	4.5	19.01.2016	1	1	NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
5	Value Labs	2.7	31.01.2016	NA	1	NA	0	NA	NA	NA	NA	NA	1	1	1	NA	NA	NA	NA	NA	NA	NA	4
6	Factset	6.5	15.02.2016	NA	2	NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
7	Oracle	7.5	18.02.2016	1	1	0	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3
8	Heterodrugs (MBA)	2.4	20.02.2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3	3
9	HUAWEI	7.4	20.02.2016	2	5	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8
10	Babycell (BioTech & MBA)	7.8	24.02.2016	NA	NA	NA	NA	NA	NA	NA	0	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	6
11	Godrej & Boyce Mfg. Co. Ltd	5.5	27.02.2016	NA	NA	NA	NA	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
12	Samsung	7.5	08.03.2016	NA	3	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
13	Permod-Ricard India Pvt Ltd	4.0	25.02.2016	NA	NA	0	NA	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3
14	Kent RO Systems Ltd.	4.2	05.03.2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	7
16	Aurobindo Pharma (Chemical)	3.6	11.03.2016	NA	NA	NA	NA	NA	NA	NA	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
17	Bonaven Software Pvt.Ltd	4.0	31.03.2016	NA	1	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
18	Orient Cements	4.0	06.04.2016	NA	NA	1	NA	2	1	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
19	AMAZON	10.5	13.04.2016					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Results waiting	
20	GE India Technology	5.8	16.04.2016	NA	3	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
21	Dr.Reddy's Labs	4.0	20.04.2016	NA	NA	NA	NA	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
22	Technoforce Solutions Pvt Ltd	4.5	05.05.2016	NA	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
23	Infor	3.4	18.05.2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	0	0	0	0	0	NA	NA	1
23	Aurobindo Pharma (Mechanical)	3.6	23.05.2016	NA	NA	NA	NA	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
24	Progress Software Internship	15000 PM	02.05.2016	NA	1	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
25	Commscope Internship	15000 PM	30.05.2016	NA	5	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6
26	AMAZON (Pooled)	12.0	10.6.2016	NA	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
27	ARECESIUM (DESHAW) (Pooled)	15.0	15.06.2016	NA	4	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
GRAND TOTAL				4	41	1	12	10	1	0	5	8	1	1	1	0	0	0	0	0	0	12	98
				ECE	CSE	EEE	IT	MECH	PROD	CIVIL	CHEM	BIO-TECH	MCA	MTech/ CSE	MTech/ CNIS	M.E/ ECE	ME/ VLSI	M.E/ EEE	M.E/ Cad/Cam	ME/ THERMAL	ME/ CIVIL	MBA	TOTAL



## TRAINING & PLACEMENT



Microsoft Interviews on 05.08.2016



Wipro Placements on 19.02.2016



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a quarterly news letter

# Chaitanya Bharathi Institute of Technology

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