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From the Directors desk... The second edition of the news Letter of Jeppiaar Engineering college is released. The meticulous efforts that have been put in by the editorial board in compilation of data are commendable. It gives precious information about the activities in Jeppiaar Engineering college. I am sure that the effort of the editorial board will continue and bring JEC to the forefront.



Editor's desk

It is an acknowledged fact that every generation has its own unique and distinctive ways of exploration. In the electronic era, it is extremely important for each one to keep abreast of the advancements of Science and Technology and provide his or her constructive contribution for furthering the exploration. Lacking in this exploration, even in case of any subject who is from the rural background, slows down the pace of the nation's growth. The active support for the government's campaigns in this direction should be offered by each citizen for the effective functioning of the centralized system. The initiatives recently embarked on by the Central Government, 'Digital India and Smart City' are typical cases at this juncture. The ideas behind the initiatives are to make the country electronically empowered in the field of technology and avail the utmost use of the city's assets using urban informatics and technology. This can be well achieved only if the present generation, particularly the student's community, keeps themselves involved actively. Their awareness, application, sharing of their technical knowledge in the social and academic circles and their exploration in the field of research – all these can force the pace of the initiatives. Let us extend a helping hand to put the initiatives through their paces.

MoUs

- Department of Civil Engineering signed MOU with Parkadal Energy Limited, Chennai towards facilitating research for the benefit of students' community.
- Department of Electronics and Instrumentation Engineering signed MOU with SVP LASER TECHNOLOGIES Pvt. Ltd., Chennai.
- National Wind Energy Institute (NIWE) is a premier Autonomous Government Research & Development institution under the Ministry of New and Renewable Energy catering to the growth of Wind energy based technology in India, collaboration in the form of Memorandum of Understanding (MOU) with Department of Electrical and Electronic Engineering, Jeppiaar Engineering College, Chennai.



Workshop



• Ramco Cements conducted two days technical program on 'Cement Concrete Mix Design and Cube Casting and Testing Contest' in collaboration with Department of Civil Engineering at Jeppiaar Engineering College on 20th to 21st September 2016. Mr. R.Ramachandran, Senior Manager, Ramco Cements, delivered an inaugural address on this occasion.

- A 3- Day Workshop on "Solar Photovoltaic System" in association with Transun Energy Systems Pvt. Ltd., was organized by the Department of Electrical and Electronics Engineering from 3rd -5th August 2016.
- Mr.Gobu.V, the Director of Technical, Control Logic conducted a Hands-on training on "PLC-Programming and Applications" from 1st to 5th August 2016 at Jeppiaar Engineering College. Organized by the Department of Electronics and Instrumentation Engineering.
- The Department of Electronics and Instrumentation Engineering conducted a Hands- on training on "Solar PV System" from 8th Aug 2016 to 12th Aug 2016 at Jeppiaar Engineering College. The Speaker for the Session was Mr. Harshavardhan, Assistant Project Manager, Steinbeis Solar Research Centre (SSRC) and Mr. Dhinesh V J, Project Engineer, Steinbeis Solar Research Centre (SSRC).





- The Department of Electronics and Instrumentation organized a two- day workshop on "Visual Imaging and Robotics" from 27th to 28th September 2016. The workshop was conducted by Mr. Vishwesh Srinivasan, Managing Director of SVP Laser Technologies, Chennai. It was followed by training on handling and operation of CNC equipments.
- Department of Aeronautical Engineering organized a two- day workshop on "Hands-on training on CESSNA SKYWAGON 185" from 26th to 27th September 2016.
- Department of Bio-Technology organized one- day hands on Workshop on "Atomic Absorption Spectrophotometer" on 28th September 2016. It was conducted by Mr. N. Aikalam, Systronics Ltd, Chennai.



association with NIELIT by the Department of Electronics and Communication Engineering. A One-day workshop on "RC Car" was organized on 16th August 2016 by

Department of Mechanical Engineering.

A Three- day workshop on "PCB Design" was

organized from 29th to 31st August 2016 in

- A Two-day Hands-on Training was organized by the Department of Mechanical Engineering on 2nd and 3rd August 2016 entitled "Light Vehicle and Transmission System" where Mr.P. Xavier Jaganathan, Chief Executive Officer, Goodwin Motors, trained the participants.
- A One- day workshop on "Android Applications" was organized by the Department of Information Technology on 31st August 2016.



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All the PG Departments of Jeppiaar Engineering College M.E [CSE, PED, VLSI, Mechatronics and Bio-Tech] organized a one- day workshop on "Soft Computing Techniques in Engineering and Technology" on 11th and 12th August 2016.

Guest Lecture

A Guest Lecture was organized by the Department of Civil Engineering on 'Water Resource Development and Planning'. The lecture was delivered by Dr. P.K. Suresh, Principal, Meenakshni Sundarajan Engineering College on 17th August 2016.



• The Department of Computer Science and Engineering organized a Guest lecture on "Java Servlets" on 17th August 2016, in which the lecture was delivered by Mr.Austin Antony, Senior Technical Aanalyst, CNSI, Chennai.



• A Guest lecture on "Internet of Things" was

conducted on 22nd August 2016 by the Department of Computer Science and Engineering. Dr. Clement King, Associate professor, College of Computer Science, King Khalid University, Abha, Kingdom of Saudi Arabia was the resource person.

• Mr. Swaran Thekkevavanoor, Engineering Team Leader, Caterpillar Inc. Chennai, delivered a lecture on "Careers" on 5th August 2016 at Department of Electronics & Instrumentation Engineering, Jeppiaar Engineering College.



The Department of Electronics &Instrumentation Engineering organized a lecture on "Embedded System Overview and Sensor Interfacing" on 29th September 2016 at Jeppiaar Engineering College with Mr. Srujan Pemmaraju, Senior Associate Engineer – Core Hardware and Research, Caterpillar Inc.as the speaker.

Mr. Harsha Vardhan, Assistant

Project Manager, SSRC, Chennai, delivered a lecture on "Solar Panel PV" on 3rd August 2016 and it was organized by the Department of Electronics and Instrumentation Engineering.

 The Department of Electronics and Instrumentation Engineering organized a lecture on "Mechatronics and Vision Guided Robotic System Applications" on 20th September 2016 and it was delivered by Mr.Viswesh Srinivasan, Managing Director SVP Laser Technologies Pyt

Managing Director, SVP Laser Technologies Pvt Ltd.





The Department of Aeronautical Engineering organized a Lecture on "RC Plane Model" on 1st August 2016. The lecture was delivered by Mr.A.S.Rajarajan, Hobby Science Pvt. Ltd. and Ms.Anitha from Diamler CADD, Chennai delivered a Lecture on "Applications of CATIA" on 4th August 2016.

- The Department of Aeronautical Engineering organized a lecture on "Aviation IT Solution" on 29th August 2016. Mr. Rahul, Product Executive, Ramco Systems, Chennai, delivered the lecture.
- A Guest lecture has been delivered by Mr. Carnelian Lamech, Arobot Technologies on "the recent trends in robotics and industrial automation" on 26th August 2016 at the Department of Electronics and Communication Engineering.
- A Guest lecture was organized by the Department of Mechanical Engineering on "Entrepreneurship program" on 1st September 2016. The lecture was delivered by Mr. A.Mohammed Fazil, ERA Timbers, Chennai.



• A Guest lecture was arranged on "Career objective and Career guidance" by the Department of Management Studies on 6th October 2016. The Session was handled by Mr.Kamaludeen, Managing Director, Blue Bharath.

• A Guest lecture was delivered by Mr.V.N.Thulasi Das, Sales Manager and Mr.Sheimour Roosevelt, General Manager

VGP Snow Kingdom on "On Either Side of Industry" in the Department of Management Studies.

• Dr. Hemachandran Karah, Assistant professor, Department of Humanities and Science, IIT Madras delivered a lecture on "Engineering and Social Responsibilities" for First year students exclusively on 31st August 2016.

Live demo

A demo on stimulation of air traffic control in southern region, live air traffic control, Airfield view – Landing and Take-off was given by the Airport Authorities, Chennai ,at International Airport for the Aeronautical Students16th to 19th August 2016.



Webinar

• The webinar in association with CII was organized for the finial year ECE & EEE students for their career development conducted via JEPPIAAR POWER TALK SERIES - 2016



• A Lecture was organized by the Advisory Bureau of Higher Education on 3rd August 2016 in association with the SDC under the category of Jeppiaar Power Talk Series 2016. The International speaker Professor & Chair, Dr. Perumal Nithiarasu from the Department of Computational Engineering, Swansea University UK, delivered a

lecture on the 'Need for Doing Higher Studies Abroad'.

Teachers Day Celebrations

• Teacher's day was celebrated in Jeppiaar Engineering College on 10th September 2016 at Placement Seminar hall. On this occasion, members of faculty were honored with certificate of appreciation and cash awards for 100% results and also for publication of papers in reputed journals from October 2015 to 2016. The Department of Biotechnology was awarded with



rolling trophy for producing best results in the last academic year.

Professional Society

• A One-day seminar on PHP was conducted by the Department of Computer Science Engineering in association with the CSI on 7th September 2016.

Social activities



- Dr. N. Thangavel, Professor and Head and Mr. P.Mathuraswamy, Associate Professor, Department of Management Studies, Jeppiaar Engineering College, delivered a lecture on "Career Guidance" to the 10th and 12th students of Government Higher Secondary School at Manampathi Village, Thiruporur.
- Rotary Club of Madras and Jeppiaar Rotaract Club (JRC) planted 500 saplings towards "Community Based Free Tree Plantation" at Gummudipoondi on 15th August 2016 as a part of Rotract activity. Around 50 students from JRC participated.



Tune IT-Society's First Camp



• Manampathi Village was recently adopted by our College with the intention of supporting the needy and help them adapt to the ever growing trends of the modern world. Tune IT has taken up the responsibility and has chosen to start its initiative here and to continue its support in future too. NSS Cell



The NSS Cell organized a week-long camp from 12-09-2016 to 17-09-2016 at Manampathy Village, Thiruporur, Kanchipuram District, Tamil Nadu, with a motto of "Healthy Body for a Wealthy Nation". With the Grace of God and blessings of our (Late) Hon. Col Dr. Jeppiaar and in the presence of Dr. M Regeena Jeppiaar, Managing Director and Dr. G Sathiyabama, Principal, the camp was flagged off at the college campus. Later, the camp started at site in the presence

of Village President Mrs. Priya Srinivasan, Mangement Representative Dr.Thangavelu, HOD (MBA), NSS Program officers Mr. Melvin Victor, Mr. Haston Amit Kumar along with Faculty coordinators Mr. Gurunathan, Mr. Vinuvignesh and Mrs. Angel.

CII



Connect, India's premier ICT Annual Event was jointly organized by Government of Tamil Nadu, Confederation of Indian Industry (CII) and Ministry of Communications & Technology, Government of India in Chennai. The theme for 'CONNECT 2016' was "Building the Digital State: Fostering the ecosystem". This event focused on Smart Cities, Startup ecosystem, Skill India & Development of Digital Tamil Nadu and contribution of policies

worldwide and frameworks needed for ensuring the consistent growth of Digital infrastructure. Managing Director Dr.Regeena Jeppiaar has attended "International conference and Exposition on Information and Communication Technology (ICT) " at Hotel ITC Grand Chola, Chennai

The Managing Director Dr. M. Regeena Jeppiaar presented MMA Chanakya - The master Mind Award Prize amount of Rs. 1 Lakh Sponsored by Jeppiaar Engineering College to Ms. Nicholete, XIME, Bangalore, on 30th September 2016 at 15th MMA, All India Management students convention held at the Kamarajar Arangam, Teynampet, Chennai along with GP. Capt. R. VijayKumar,(Rtd.) VSM, Executive Director, MMA, Mr. Sudharsan Venu, Joint Managing Director, TVS Motor Company Ltd.



Google Student Club



A Two-day hands-on training Programme "Android Development Workshop" was conducted by the members of the Google Student Club. [30th Aug 2016 & 31st Aug 2016]. Mr. Anderson, Director CI Technologies addressed the gathering and the session was handled by the leaders Mr. Vinod and Mr. Balaji of Final year CSE.

IEEE Distinguished International Lecture Program

The IEEE Student Branch of Jeppiaar Engineering College and the IEEE CIS Madras Chapter jointly conducted the "**Distinguished Lecture Program**" on Computational Intelligence for Industrial and Environmental Applications". The lecture was delivered by Dr.Vincenzo Piuri, on 26th of August 2016 at the library seminar hall in the college premises.





Dr.Kumarappan Chairman of IEEE CIS Madras Chapter briefed on the activities of CIS Madras chapter and also deliberated on the profile of Dr.Vincenzo Piuri who delivered a lecture on "Introduction to Industrial And Environmental Applications of Computational Intelligence" where he elaborated on intelligent monitoring and control systems design methodology also.

Sports

 Our college Women Volleyball Team won Senior State Championship match held at Tirunelveli on 2nd October 2016 to retain the Dr.Sivanthi's Club title consecutively for the third time. Managing Director of Jeppiaar Engineering College, Dr. M. Regeen Jeppiaar, honoured the team members with a prize amount of Rs.One lakh as a token of





encouragement for their distinctive achievement.

- Our college Women Volleyball Team and Men Football team have won the events organized by the PITS Sportiva during 15-17th September 2016.
- Another Volleyball Women team won First place in the event organized by Volleys Club, Ashok Pillar, Chennai.
- Our college Women Volleyball Team won the title

organized by Bharathidasan Volleyball Club, Puducherry on 3rd September 2016.



Jeppiaar Engineering College win women title in State level Volleyball tournament

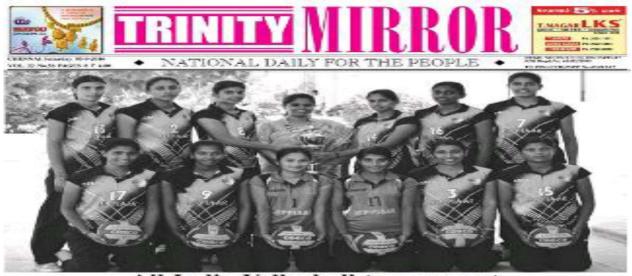
Chennai, Sept. 18 Chennai, Sept. 18: Jeppiaar Engineering College won the women title in the Jones Foundations 23rd State level Volleyball tournament organized by Vollys Club. In the valedictory function, Gunasekaran, Asst, Commissioner of Police, Jose Varghese,

Commissioner, Asst.

College; Runners: Dr. Sivanthi Club; 3rd: SRM University; 4th: Panimalar Engg. College.

3-2. and in the other semi-finals, SRM University beat Panimalar Engg.

University: 4th: Panimalar Engg. College. Indian Bank, SRM University in men's finals In a keenly contested semi-finals in men's section, Indian Bank defeated Income Tax 3-0 (25-23, 25-23, 25-21, 25-21, 25-23, 25-23, defeated Income Tax 3-0 (25-23, 25-23



All India Volleyball tournament Jeppiaar Engg. ollege triumph

Chemis, Sept. 3: Jeppiair Engineering College women team lifted the All India Volleyball tournament title organised bu Chemiss, Sept. 3: Jeppiaar Engineering College women team lifted the All India Volleyball Iournament title organised by Bharathidasan Volleyball Club at Padachery, Jeppiaar Engineering College, and PKR Arts and Science College, Sournament, Matches are played in league system. The Results: Jeppiaar

College. Panimalar

Engineering College bt Panimalar Engg. College 25-12, 25-21, 25-10; bt Ething College, Chermai 25-17, 25-16; 18-25, 23-25, 15-12; bt PKR Arts & Scinece College 25-10, 25-16, 25-14. Jolsma Joji of

Jeppiaar Engg. College, Chennal was awarded the best player of the tournament. Regreens Jeppiaar, Director, Jeppiaar Engineering College congraulated the team for their achievement.



Our Managing Director Dr.Regeena Jeppiaar received a prestigious Ka. Thiravivam IAS Award for the Service towards Education field on Mullaicharam Magazines's 50 years celebration event at Rani Seethai Hall, Mount Road on 14-10-2016.



- Our Chairman Mrs. Remibai Jeppiaar hoisted our tricolor flag along with our Managing Director Mrs.Regeena Jeppiaar followed by cake and distribution of Sweets.
- JEC News Magazine was released on that special occasion, in front of all Hod's, Staff Members and students. It's really a special day because of this day is not only Independence day but also our college Founders day.

PUBLICATIONS:-

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- 3. Chrishia Christudhas, T.Jagadesh (2016), "Multiple Bit Error Detecting and Correcting Parallel Decoder for BCH Codes," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2398-2400.
- 4. Francis Mary.T, Dr.J.Jebastine (2016), "Design of cmpffe in current mode signaling for high performance and low power," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2401-2404
- 5. V.Christy Hancy Rani, Mr.S.Ranjith (2016), "Efficient power consumption encoding technique for dsrc applications," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2405-2408
- Dr.J.Venu Gopala Krishnan , Dr.J.Jebastine (2016), "Electronic waste management," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2423-2424.
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- 8. Sakthi S, Rajarajeswari.P, Sasikumar M, Sridevi, "Evaluation Of Grid Dependant-Pem Fuel Cell Using MATLAB," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2435-2439.
- 9. P.Wilson, T. Arun srinivasa (2016), "Systematic study on the improvement of irrigation system with an automatic waterflow controller," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4 pp.2440-2442.
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- 11. K.M. Freny Joy (2016), " Electrical resisvity of nano HgS under high pressure and temperature," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4, pp.2387-2390.
- 12. Dr. D. Madhesh (2016), "Enhanced acetone vapour detection with fast response and recovery based on Cobalt doped ZnO nanostructures," Journal of Journal of Chemical and Pharmaceutical Sciences, Vol.9, Issue 4, pp.2363-2366.



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