



JEC NEWS LETTER

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JEC NEWS

JEPPIAAR ENGINEERING COLLEGE

AN EPITOME OF HUMAN LOVE



**TO OUR DEAR HONOURABLE CHAIRMAN
COL.Dr.JEPPIAAR, WE PRAY THAT YOU MAY FIND
ETERNAL PEACE AND REPOSE IN YOUR CREATOR**



From The Director's Desk...

The first 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 precise information about the activities in Jeppiaar Engineering College.

I am sure that the efforts of the Editorial board will continue and bring JEC to the forefront.



From The Editor's Desk...

Dear Staff and Students of JEC,

When the global economic recession has taken its toll on Indian Economy that has led to a huge loss in business and export orders, ushering thousands of people in losing their jobs in key sectors such as IT, Automobile Industries and Export-oriented firms, it is extremely important to address the necessity for the enhancement of quality in the education sector. Undoubtedly, quality improvement in higher education should be brought through restructuring of academic

Programmes by

providing high-tech infrastructure, world class campuses and globally-recognized courses. This is the need of the hour that all belonging to education sectors in unison should put in efforts in this direction to overcome the challenges of today's world. We are happy to release the first edition of the News letter of Jeppiaar Engineering College. The letter incorporates all the academic and social activities which happened during the last three months of the year 2016, in Jeppiaar Engineering College.

FRESHER'S DAY

The inauguration for the first-year students was held here in the Madavan Nair auditorium on July 20, 2016. The session was started with a video footage displayed in memory of Late Hon. Chairman Col. Dr. Jeppiaar. It was followed by a poem composed by Dr. L. Anbarasu, IT Department and recited by Antony, a third-year Mechanical student. As a tribute to the legend, Mr. Vimal, Assistant professor, IT Department, enthralled the audience with a song.



Dr. G. Sathiyabama, Principal, welcomed the gathering. The Heads of all the departments were invited to highlight the achievements and the milestones scaled in their respective departments during the last academic year. Alumni from different departments shared some of their distinct experiences they had undergone in the college which refined them as efficient engineers and good human beings. Our

Dynamic Managing Director Dr. M. Regeena Jeppiaar felicitated the audience with the vote of thanks.

EMULATIVE INSPIRATION

With a view to motivating the first-year students, Mr. Sylendra Babu, IPS, Additional Director General of Police, was invited for a special talk, on 26th July 2016. It was a long-cherished dream of our dynamic Director Dr. M Regeena Jeppiaar which comes true when his presence graced the occasion. The guest of honor was



given a cheerful reception by the students as he came on the dais along with the Director and the Principal. During the lecture, he was reminiscent of his childhood and adolescence when he was a student. Reminding of the poverty that drove him into an upscale state, he insisted on the necessity to be studious when the situations at present are easily accessible to avail the utmost use of the technical developments. Stating

that a study like engineering is the highest stream in the education sector, he added that the students should know the subjects well. The speech kept the audience spellbound and in its end, he put forth questions and two boys were rewarded with books authored by the Chief Guest for answering brilliantly. The session came to an end with a vote of thanks.



MANAMPATHY VILLAGE

As many as 350 people of Manampathy near Thiruporur, a village adopted by Jeppiaar Engineering College were benefited in the free medical camp conducted by the Jeppiaar Rotaract Club (JRC), on 19th March 2016. The camp was organized on the premises of the Government High School, Manampathy,



by the JRC in association with Madras Rotary Club & Karur Vysya Bank. The camp provided all kinds of free-check-up in the major disciplines, including Eye, Dental and Pediatrics. Medication and necessary spectacles were provided to the patients in the camp. More than ten doctors were put in service for the camp and as many as 50 Students volunteered the camp.

QUALITY IMPROVEMENT PROGRAMMES ORGANIZED

- The Department of Aeronautical Engineering and the Department of Mechanical Engineering organized six-days Faculty Development Programme on “Optimization techniques in design, dynamics, manufacturing and materials and heat transfer” from 30th May 2016 to 4th June 2016.



- Seven days Faculty Development Programme



was conducted by the Department of Bio-technology on “Advanced Techniques & Application in Biotechnology & Chemical Engineering” from 16th June 2016 to 22nd June 2016.

- Five-day Refresher course on “Laboratory Techniques in Clinical Laboratory” was conducted by the Department of Bio-technology from 10th February 2016 to 15th February 2016.

- Three-days Faculty Development Programme on “Modern Eco-friendly materials in Civil Engineering and hands-on training on Advanced Environmental Engineering” was conducted by the Department of Civil Engineering in association with ICI Student’s Chapter, from 1st June 2016 to 3rd June 2016.

- The Department of Electronics and Communication Engineering in association with the NIELIT, Vi micro solution and the Tech lab solution conducted six-days Faculty Development Program on “Application of MATLAB tool in engineering, VLSI design concept using mentor graphics and EDA tools” from 2nd June 2016 to 8th June 2016

- Six-days Faculty Development Programme on “Optimization techniques in Design, heat transfer and manufacturing” was conducted by the Department of Mechanical Engineering in association with Aeronautical Engineering, from 2nd June 2016 to 6th June 2016.

- Students of the Department of Master of Business Administration were given training under PMKVY scheme by the Government of INDIA, National Skills development Corporation (NSDC) – BFSI Sector level in Mutual funds module was conducted by NSE Mumbai.



WORKSHOPS ORGANIZED

- The Department of Information and Technology conducted an Anna university approved eight-days workshop on “Compiler Design” from 22nd to 29th January 2016.

- The Department of Information and Technology conducted a two-day MATLAB workshop from 28th to 29th January 2016.



- The Department of Information & Technology conducted two-days workshop on “Grid and Cloud Computing” 8th to 9th July, 2016. One-day workshop on “DNA Barcoding” was conducted by the the Department of Bio-technology in association with Biozone, Chennai on 9th February 2016

- One-day workshop on “Recent advances in concrete” was conducted on 15th June 2016 in association with the ICI student’s chapter.
- Four-days field training program on ‘Advanced surveying using total station’ was conducted by the Department of Civil Engineering between 11th July 2016 to 14th July 2016 for the third-year Civil Engineering students
- One-day workshop on “Digital system design with viva does design flow” was conducted by the Department of Electronics and Communication Engineering on 3th May 2016 to 5th May 2016. Mr.S.Janarthanan, Scientist 'C', NIELIT delivered a special address on this occasion.



- Advisory Bureau for Higher Studies in association with The Princeton Review-Manyta Abroad – organized a National GRE scholarship test for II year UG students wishing to pursue higher studies abroad.
- Advisory Bureau for Higher Studies in association with Galavanize Test Prep Consultants conducted an online eligibility diagnostic test for second and third year students aspiring GRE for higher studies, during the third week of April 2016.
- CII’s Indian Women Network (IWN), in association with the Knowledge Partner Fox Mandal, India’s oldest full-service law firm, organized a workshop on “More effective compliance with the Posh Act”.
- YI organized an exclusive Interactive Session on "Youth & Innovation" with Dr. Naushad Forbes, the President, Confederation of Indian Industry (CII) & with the Co-Chairman, Forbes Marshall on 29th July 2016, at Hotel Taj Coromandel, Chennai.
- Jeppiaar Engineering College in association with CII organized CII iBridge Webinar on “Career Guidance” for the students of MBA Department on 12 July 2016 and 2^{6th} July 2016.



- The Department of Information Technology conducted a Career Development Program on 25th July 2016.
- The Department of Information Technology inaugurated Tamil Peravai, an initiation from Tamil Virtual Academy through Government of Tamil Nadu to bring together all the students/ members interested in Tamil Language and Culture to unveil the latent talents of the students using technology.
- The Confederation of Indian Industry in association with the Child Help Line and other organizations like Arpan, conducted 'Project Masoom', a campaign to create awareness on child sexual abuse.

ICONSTEM 2016

International Conference on Science, Technology, Engineering and Management (Jeppiaar- ICON STEM'16) conducted during 30th & 31st March, 2016 and is organized by Jeppiaar Engineering College in association with IEEE Society.



Global warming and disaster management is the theme of the event. Over 1,000 institutions across India and abroad have shown interest in the event and many will present papers in the conference.

The Selected 75 papers were published in the Journal of Chemical and Pharmaceutical Sciences (JCHPS) Volume 9, Issue 3.



STAFF PUBLICATIONS

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- ✓ Helan Chandra J. and Vignesh T. (2016) In vitro and In silico Study of Ethanolic Leaf Extracts of Rauvolfia Canescens Research Journal of Chemistry and Environment, Vol. 20 (8) August (2016). 31-37.
- ✓ Sharadha Priya Vardhini Rajsekhar, Helan Chandra. Jand Sridhar.S . (2016) Seclusion of bioactive complexes from Annona muricata leaf extract using TLC. Journal of Chemical and Pharmaceutical Sciences, 2016, 9(3):1146-1449.
- ✓ Nithiya.R,Sridhar.S and Mary Mini(2016),” Estimation and validation of visible spectrometric method for confirmation studies on Amoxicillin trihydrate of expired and non-expired in pharmaceutical dosage form”, Journal of chemical and pharmaceutical research,vol 8(4),pp 628-634
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- ✓ S.Jaghan & Nandhini.M (2016), “Analysis of durability of coastal structures,” Journal of Chemical and Pharmaceutical Sciences, Volume 9 Issue 3, pp. 1511-1514
- ✓ Dr.N.K.Rajan (2016), “Recent trends in Bitumen characterization in India,” Journal of Chemical and Pharmaceutical Sciences, Volume 9 Issue 3, pp -1784-1790.
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- R.Deivanai and R.Sathia (2016), "A comparative study of column with welded and tied shear reinforcement," Journal of Chemical and Pharmaceutical Sciences, Volume 9 Issue 3, pp. 1535-1537.
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- K.Bharathi and M.Sasikumar (2016), "Voltage Compensation of Smart grid using bidirectional intelligent semiconductor transformer and PV cell" Indian Journal of Science and Technology, Volume 3, Issue 1, pp. 1-6.
- Sasikumar M, Senthil kumar S, Balabharathi B and Praveen M (2016), " Intelligent Controller for Induction Motor Control," Journal of Testing and Evaluation, Vol. 44, No.3, PP. 1-13.
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Director Madam and other delegates who participated in the electoral awareness campaign for the first time voters, held here in Jeppiaar Engineering College, taking a pledge on the occasion.

JEPPIAAR ENGINEERING COLLEGE

The activities with each of these companies are as follows:

1. MoU with Dynamic Associates

- ✓ Workshop for Students
- ✓ Guest Lectures
- ✓ Students Training
- ✓ Providing Software for Training Programme
- ✓ Collaborative Research Guidance and Project Support



2. MoU with CII

- ✓ Webinar
- ✓ Guest Lectures



3. MoU with Yokogawa

- ✓ Workshop for Students
- ✓ Guest Lectures
- ✓ Students Training
- ✓ Industry & Institutional interaction
- ✓ Project Work



4. MoU with Dámler CADD

- ✓ Workshop for Students
- ✓ Guest Lectures
- ✓ Students Training



5. MoU with Gate Pathshala

- ✓ Gate Coaching
- ✓ Collaborative Research Guidance and Project Support
- ✓ Guest Lectures
- ✓ Students Training



6. MoU with HCL Technologies

- ✓ Students Training
- ✓ Industrial Visits



7. MoU with NIST

- ✓ Food Safety & HACCP Courses
- ✓ Guest Lecture

8. MoU with MMA

- ✓ Webinar
- ✓ Workshop & Guest Lecture for students
- ✓ Students Training
- ✓ Staff Training



9. MoU with IYF

- ✓ Cultural performance
- ✓ World Camp Program
- ✓ Korean Language Academy



STUDENTS & STAFF DEVELOPMENT CELL

JEPPIAAR ENGINEERING COLLEGE

10. MoU with SSRC

- ✓ Short term training program
- ✓ Project work
- ✓ Research & Development Activities

11. MoU with NSE

- ✓ NCCMP Course
- ✓ Student Development Program



12. MoU with BSNL

- ✓ Inplant Training
- ✓ Guest Lecture
- ✓ Workshop for Students
- ✓ Project Work for students
- ✓ Collaborative Research Guidance and Project Support



13. MoU with EBEEK

- ✓ Softskill Training for students



14. MoU with EINA

- ✓ Workshop for students
- ✓ Short term Course



15. MoU with Think Spire (IBPS)

- ✓ Training students for Bank Exam

16. MoU with IEMA

- ✓ Entrepreneurship Development activities
- ✓ Student Development Program
- ✓ Guest Lecture
- ✓ Inplant Training for faculty
- ✓ Project work for students
- ✓ Industry Institutional Interaction



17. MoU with MSME

- ✓ Entrepreneurship Development activities
- ✓ Inplant Training for faculty
- ✓ Industrial Visits
- ✓ Project work for students
- ✓ Collaborative Research Guidance and Project Support



18. MoU with Transun Energy Systems

- ✓ Inplant Training for faculty and students
- ✓ Guest Lecture
- ✓ Project Work
- ✓ Internship for final year students
- ✓ Evolve workshop for students
- ✓ Campus recruitment



STUDENTS & STAFF DEVELOPMENT CELL

JEPPIAAR ENGINEERING COLLEGE

19. MoU with Vi Micro Systems

- ✓ Faculty Development Programme
- ✓ Inplant Training for faculty and students
- ✓ Project Work for students
- ✓ Internship for final year students
- ✓ Research and development activities



20. MoU with Ben & Chenn

- ✓ Training program for faculty and the students
- ✓ Project work and problem solving
- ✓ R & D Activities
- ✓ Training & Placement



21. MoU with RoboSpecies Tech Pvt. Ltd.

- ✓ Inplant training & Project help for the students
- ✓ Summer / Winter Training Program
- ✓ Robotics Lab
- ✓ Placement assistance
- ✓ Taking up R&D projects



22. MoU with NIELIT

- ✓ Training for both faculty and the students
- ✓ Project work and problem solving
- ✓ Research & Product design activities
- ✓ Joint Venture Programs
- ✓ Short term course for students
- ✓ Inplant training for students



23. MoU with CDAC

- ✓ Research and Development
- ✓ Industry Institutional Interaction
- ✓ Workshop / Guest Lecture for students
- ✓ Short Term Course



24. MoU with SEED

- ✓ Training for students
- ✓ Entrepreneurship Development activities
- ✓ Faculty Development Programme
- ✓ Accreditation by NBA
- ✓ Institute – Industry Partnership
- ✓ Arranging Job Fairs
- ✓ Facilitating Campus Recruitments





JEPPIAAR ENGINEERING COLLEGE



CONVOCATION DAY 2016





JEPIAAR ENGINEERING COLLEGE

(A CHRISTIAN MINORITY INSTITUTION)
JEPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI- 600119



SUPERIOR PLACEMENT



80%* OF GRADUATES ACQUIRED BY CORPORATES

Top Recruiters'

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NTT DATA



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doodleblue
Creative Solutions Unlimited

Tech
Mahindra

*as on 7th April 2016