



JACE

Chronicle

"Reach for the Stars"

Monthly Newsletter
September '18
Volume VII, Issue II



"The true teachers are those who help us think for ourselves"

**HAPPY
TEACHERS'
DAY**



JP COLLEGE OF ENGINEERING

Patron

Rev.Fr.Dr. J. E. ARUL RAJ, Founding Father & Chairman

Patroness

Rev. Sr. S.GNANA SELVAM, Managing Trustee

Co-Patroness

Rev. Sr. I. Arockiamar, Correspondent

Chief Advisors

Dr. R. Palaniyandi, Director (QM)

Dr. Suresh, Registrar, DFT

Advisor

Rev. Sr. P. Pradeeba, Administrator, JP College of Engineering

Co-Advisor

Dr. M. Rajkumar, Principal, JP College of Engineering

Executive Editors

Mr. M. Palani, HOD (CIVIL)

Mr. N. Senthil murugan, HOD (CSE)

Mr. T. Manoj kumar, HOD (EEE)

Mrs. M. Shenbagavalli, HOD (ECE)

Mr. Sidhardhan, HOD (MECH)

Mr. Sivadasan, HOD(S&H)

Editorial Team Members

Mr.Ramar Kalanjiam, AP/ CIVIL

Mrs. N.Pappu Sivanantham, AP/CSE

Mrs. T.Viji, AP/ECE

Ms. Sorna Saraswathy, AP/EEE

Mr. D. S. Samuvel Premkumar, AP/MECH

Mrs.Ratna, AP/S&H



HOLY FATHER'S MESSAGE



Dear Brothers and Sisters,

“Carrying Jesus, the Madonna also brings us a new joy, full of meaning; she brings us a new ability to pass with faith through the most painful and difficult moments; she brings us the capacity for mercy, forgiveness, understanding and supporting one another,” the Pope said Aug. 15.

Mary, he said, “is the model of faith and virtue,” and in contemplating her Assumption into Heaven, we give her thanks “because she always precedes us on the pilgrimage of life and of faith.”

We are also able to ask that she “guard us and sustain us, that we may have a strong faith, joyful and merciful; that she help us to be holy, to meet her, one day, in paradise,”

+POPE FRANCIS

GROUP DISCUSSION

Group Discussion competition was conducted by JP Placement Cell for the IV year and III Year students on 07.09.2018.

- Abishini Soli (IV ECE)-First Place (16 GB Pen drive)
- Ruhi Barveen (IV CSE) – Second Place(16 GB Pen drive)
- Sherin Farhan (IV EEE) – Third Place(8 GB Pen drive)



STAFF MEETING

- Staff meeting was conducted at college auditorium on 15.09.18 at 4.30 P.M.



- The Administrator appreciated the effort taken by the faculty members for the first year admission in the Academic Year 2018-19.
- The Importance of result and placement were addressed by our Principal.

CAMPUS DRIVE

- Campus drive was conducted by “RIDSYS INDIA” Pondichery on 17.09.18
- Final year students from CSE & ECE departments were attended the drive.
- One student from IV Yr CSE department Esakkilakshmi was selected.



- Campus drive was conducted by “Uniq Technologies”, Coimbatore on 17.09.18
- Final year students from EEE, CSE & ECE Department were attended the drive.
- Four students were selected as Trainee Engineer

S.Jennifa Pon Soundari -IV EEE

A.Meenakshi- IV CSE

M.Divya – IV CSE

A.Bhavani – IV ECE



FACULTY DEVELOPMENT PROGRAM

- Two days faculty development program was conducted by ICTACT on 20.09.18 and 21.09.18 in topic of AUTO CAD.
- Faculty from MECH and CIVIL departments were Participated. Internal faculty -15 , External Faculty -8
- Mr.Divya Prasanth,Senior Autocad Trainer,ICTACT,Chennai.,was handled the two days session.



STAFF CLUB ACTIVITIES

Entertainment events were conducted for our staff members by JP Staff Club on 29.09.2018.



DEPARTMENT OF CIVIL

TECHNICAL EVENTS

- The students of IIIrd Year Civil R.Sakthivel and M Arunachalam presented a paper “COMPOSITE CONSTRUCTION”, participated in the Quiz Competition and won the first place and A. Mohammed Ismail won the first Place in CAD Modelling in the national level technical symposium, held at National Engineering College, Kovilpatti on 06.09.2018.



- The students of IIIrd Year Civil R.Sakthivel and S.Aruna Indhumathi presented a paper “SMART FUTURE OF YOL” in the national level technical symposium, held at VV College Of Engineering, Tisaiyanvilai, and had secured first place in the presentation on 08.09.2018.
- The students of IIIrd Year Civil M.Arunachalam, won the First Place in Model making in the national level technical symposium held at VV College Of Engineering, Tisaiyanvilai on 08.09.2018.



- The students of IIIrd Year Civil R.Sakthivel and M Arunachalam presented a paper “SUSTAINABLE CONSTRUCTION” in the national level technical symposium, held at Thamirabharani Engineering College, Tirunelveli and had secured first place in the presentation on 15.09.2018.
- The student of IIIrd Year Civil Mohammed Ismail A, won the First Place in CAD Modelling in the national level technical symposium held at Thamirabharani Engineering College, Tirunelveli on 15.09.2018

- The students of IIIrd Year Civil R.Sakthivel and M.Arunachalam won the Second Place in Quiz in the national level technical symposium held at Thamirabharani Engineering College, Tirunelveli on 15.09.2018



TECHNICAL EVENTS

- The students of IIIrd Year Civil R.Sakthivel and A.Dinesh kumar presented a paper “SOLAR ROADWAY” in the national level technical symposium, held at PSN College of Engineering, Melathediyoor on 20.09.2018.
- The student of IIIrd Year Civil Mohammed Ismail A, won the Second Place in CAD Modelling in the national level technical symposium held at PSN College of Engineering, Melathediyoor on 20.09.2018.



- The students of IIIrd Year Civil R.Sakthivel and J.Mala presented a paper “CONCRETE TECHNOLOGY” in the national level technical symposium, held at Holycross Engineering College, Thoothukudi had secured second place in the presentation on 25.09.2018.
- The student of IIIrd Year Civil Mohammed Ismail A, won the First Place in CAD Modelling in the national level technical symposium held at Holycross Engineering College, Thoothukudi on 25.09.2018.

- The students of IIIrd Year Civil R.Sakthivel and M Arunachalam presented a paper “ECO-FRIENDLY CONSTRUCTION” in the national level technical symposium, held at PET Engineering College, Vallioor on 25.09.2018.



ASSEMBLY PRAYER

- CIVIL Department organized department assembly prayer for academic year 2018 – 2019 on 18.09.2018.
- The student of final year R.Deena addressed the gathering with a welcome address.
- The student of final year G.Dhana Lakshmi inspired with a motivational speech.
- The student of third year R.Sakthivel presented a paper “GREEN BUILDING”.
- The civil HOD Mr. M.Palani presented department activity of academic year 2018 – 2019
- Administrator and Principal were addressed and congratulate the staff & students for all the activities.
- The student of third year G.Malini was delivered the vote of thanks.



DEPARTMENT OF CSE

STARWAR PHASE I-2018

- CSI Student Branch was inaugurated on 20.09.18.
- Various technical competitions were conducted for the students.
- Teams and Captains were categorized to ensure better outcome in STARWAR.
- The Chief Guest for the event was Mr.Rajendra Subramanian, MD, Silicon Software Services, Madurai.



DEPARTMENT ASSEMBLY

- First department assembly was organized by CSE Department for the academic year 2018- 2019 on 25.09.2018.
- The University toppers were appreciated by providing prizes.
- HOD Mr.N.Senthil Murugan has given a special speech about department activities.
- Administrator and Principal wish the staff and students for the successful continuation of various activities in the department.



DEPARTMENT OF ECE

DEPARTMENT ASSEMBLY



- First department assembly for the academic year 2018- 2019 was organized by ECE Department on 24.09.2018.
- Prizes were given to the university toppers.
- Mr.Paramaiyyappan, AP/ECE has given a motivational speech to the students.
- Mohammed meeran subair of III-yr ECE gave motivational speech; Benishba of III-yr ECE gave technical presentation on “ROBOTICS”, Auvdaiyammal of IV-Yr ECE explained about “DIGITAL JEWELLERY”.
- HOD Mrs.Shenbagavalli has given a presentation of their department activities.
- Administrator appreciated the university toppers in her motivational speech.
- The importance of value added courses were explained by our Principal.

CO-CURRICULAR ACTIVITIES

SL.NO	STUDENT NAME	VENUE	TOPIC
1	Divakar.M II YEAR	BSNL,Tirunelveli	BSNL QUIZ
2	Subramanian.M II YEAR		
3	Kandasamy C IV YEAR		
4	Benishba.M Krishnaveni.M III YEAR	VV College of Engg, Tisyanvillai	Surveillance and Video Analysis
5	Jebi Axel.Y Annalakshmi .K III YEAR		Audio Processing and Music Recognition
6	Abdul Malik.A II YEAR Mohamed Meeran Subair		Smart Wireless Charger using Microwaves

MATLAB WORKSHOP

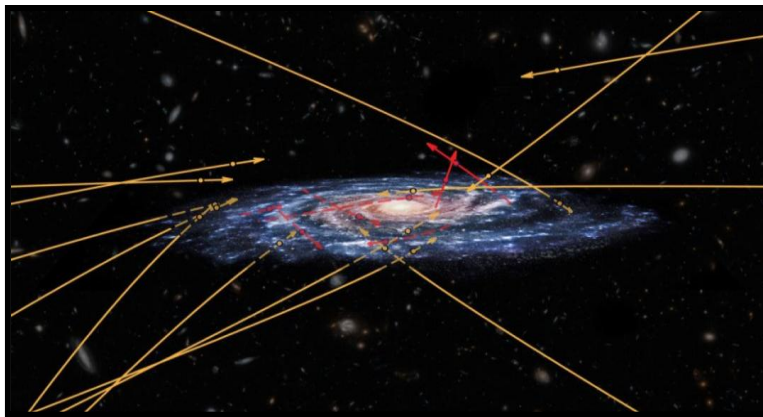
- MATLAB workshop was conducted by Mr.Saravanakumar,Engineer,Inertz solutions pvt Ltd,Tirunelveli for IV Year students on 08-09-18 .

SOFT SKILL PROGRAM

- Soft skill program was given by Silicon software services, Madurai for IV Year students on 14-09-18 to 15-9-18.



GAIA SPOTS STARS FLYING BETWEEN GALAXIES



A team of astronomers using the latest set of data from ESA's Gaia mission to look for high-velocity stars being kicked out of the Milky Way were surprised to find stars instead sprinting inwards -- perhaps from another galaxy. The study is published in the journal Monthly Notices of the Royal Astronomical Society.

- Stars circle around our galaxy at hundreds of kilometres per second, and their motions contain a wealth of information about the past history of the Galaxy. The fastest class of these stars are called hypervelocity stars, which are thought to start their life near the Galactic centre, later to be flung towards the edge of the Milky Way via interactions with the black hole at its centre.
- Only a small number of hypervelocity stars have ever been discovered, and Gaia's recently published second data release provides a unique opportunity to look for more of them.

- "Of the seven million Gaia stars with full 3D velocity measurements, we found twenty that could be travelling fast enough to eventually escape from the Milky Way," explains Elena Maria Rossi, one of the authors of the new study, based at Leiden University, in the Netherlands.
- It is possible that these intergalactic interlopers come from the Large Magellanic Cloud, a relatively small galaxy orbiting the Milky Way, or they may originate from a galaxy even further afield. If that is the case, they carry the imprint of their site of origin, and studying them at much closer distances than their parent galaxy could provide unprecedented information on the nature of stars in another galaxy -- similar in a way to studying Martian material brought to our planet by meteorites.
- "Stars can be accelerated to high velocities when they interact with a supermassive black hole," Elena explains. "So the presence of these stars might be a sign of such black holes in nearby galaxies. But the stars may also have once been part of a binary system, flung towards the Milky Way when their companion star exploded as a supernova. Either way, studying them could tell us more about these kinds of processes in nearby galaxies."
- An alternative explanation is that the newly identified sprinting stars could be native to our Galaxy's halo, accelerated and pushed inwards through interactions with one of the dwarf galaxies that fell towards the Milky Way during its build-up history. Additional information about the age and composition of the stars could help the astronomers clarify their origin.
- New data will help to nail down the nature and origin of these stars with more certainty, and the team will use ground-based telescopes to find out more about them. At least two more Gaia data releases are planned in the 2020s, and each will provide both more precise and new information on a larger set of stars.

S.G.S KAVITHA,

IV-ECE

DEPARTMENT OF EEE

REGNIX'18

- Eighth National Level Technical Symposium was organized by EEE Department on 06.09.18 at college auditorium.



- The Chief Guest **Mr.T.Muneeswara Pandian**, Sr.Section Engineer (Electrical), Southern Railway, Sengottai was delivered his valuable message for the students.



DEPARTMENT ASSEMBLY PRAYER

Assembly prayer was conducted by EEE department for the academic year 2018- 2019 on 20.09.2018 at college auditorium.



- Rev.Sr.Pradeeba, Administrator, JP College of engineering felicitates the Program with the special prayer and given medals to the class toppers.
- Principal Dr.M.Rajkumar address the students to improve their result performance.

TEACHER'S DAY CELEBRATION

- Teacher's day was celebrated by department of EEE on 05.09.2018



- EEE department students express their gratitude and appreciation for their teachers on this day.



DEPARTMENT OF MECH

DEPARTMENT ASSEMBLY PRAYER

- Assembly prayer was conducted by MECH department for the academic year 2018- 2019 on 19.09.2018 at college auditorium.



- Mr.Sidarthan HOD/MECH gave lecture about department progress.
- Final year students M Mickey James explained about the Scope of Mechanical Engineering.

NATIONAL LEVEL TECHNICAL SYMPOSIUM

- National Level Technical Symposium was organized by MECH Department on 27.09.18 at college auditorium.
- Rev.Sr.Pradeeba, Administrator, felicitates the Program with the special prayer.
- Vote of thanks was given by Mr.M Ramesh kumar, AP/Mech.



Final year student's prayer song



Presidential address by Dr.M.Rajkumar, Principal



Chief guest **Mr.Alagu subbu** [Manage,Suzlon Global ServicesLtd, Tirunelveli] gave a brief lecture about Wind Energy

DEPARTMENT OF S&H

FRESHERS DAY-2018

- Fresher's day was conducted by S&H Department for first year students on 01.09.2018 at college Auditorium.
- Administrator Rev. Sis. Pradeeba welcomed the gathering and Principal Dr. Raj Kumar presented the college report.



- Motivational speech was given by the invited chief guest Rev. Fr. Leo, Parish Priest, Vaikalipatti
- Rev. Sr. I. Arockiamary, Correspondent of DMI has delivered a special address.



TEACHER'S DAY CELEBRATION

- Teacher's day was celebrated by S & H Department on 05-09-18 at college auditorium.
- Competitions were conducted for students like English elocution, Tamil elocution, Motivational songs and Arts from waste.



- Prizes were given to the winners by Mr. Senthil Murugan, HOD/CSE and Mrs. Shenbagavalli, HOD /ECE.

GUEST LECTURE

- Guest lecture on Engineering Chemistry was organized to First year students on 05-09-18 and 06-09-18.
- The session was handled by Mr. A. Prince, AP/ Chemistry, National College of Engineering Maruthakulam .



ENGINEER'S DAY FUNCTION

- Engineer's day celebration was conducted by First year students on 15-09-18 at 2.30 PM.
- All HODS's were presented their department activities .
- The elected President, Vice-President and team members for various clubs were honored by the Administrator and Principal.



ASSEMBLY PRAYER

- Assembly prayer was conducted by First year students on 26-09-18 at 9.30 AM.
- HOD Mr.J.Sivadasan has given motivational speech followed by Principal and Administrator.

CLUB ACTIVITIES

- Quiz, Mono acting contest were conducted by science club for First year students on 29-09-18.



NATIONAL LEVEL SYMPOSIUM



REGNIX'18



MECHTRONZ'18