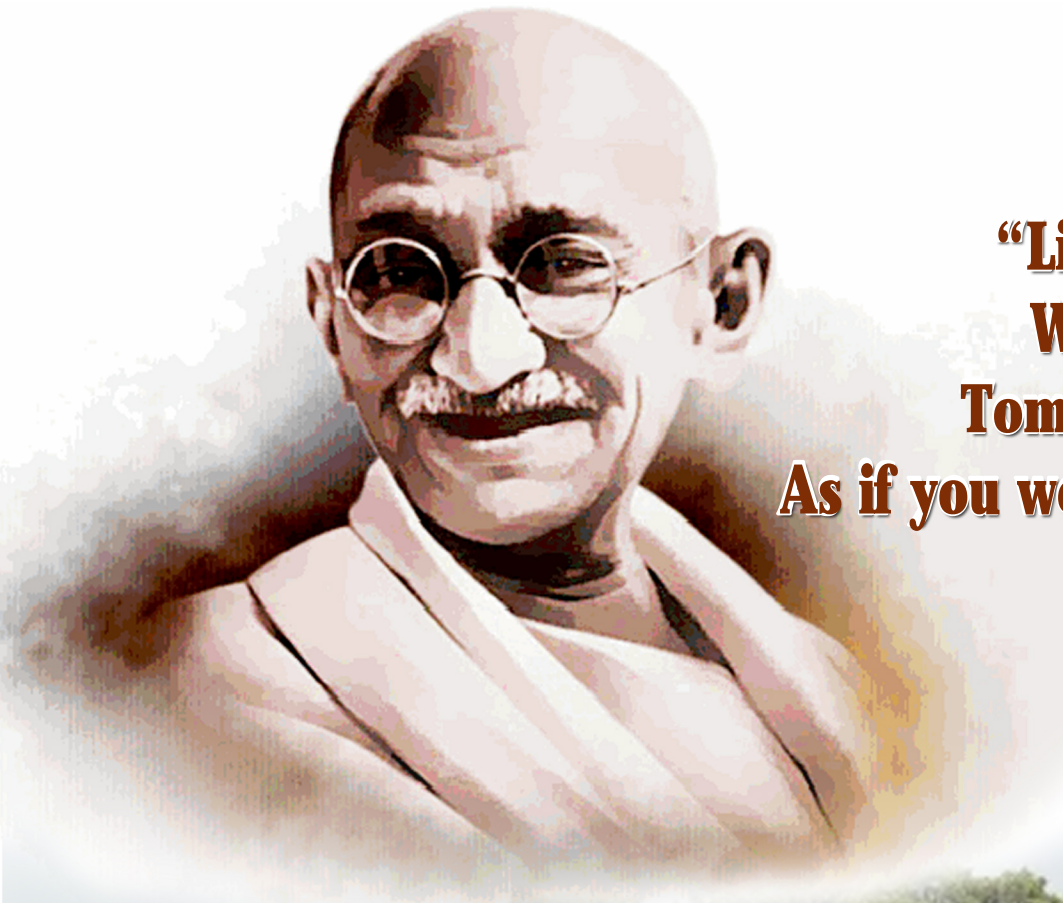




JPCE Chronicle

"Reach for the Stars"

Monthly Newsletter
October '18
Volume VII, Issue III



**"Live as if you
Were to die
Tomorrow. Learn
As if you were to live forever."**

-Mahatma Gandhi.



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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

POOJA FUNCTION

Pooja functions were celebrated on 17.10.18. Rev.Sr.Pradeeba, Administrator, Rev. Fr. Stephen, Campus Manager prayed for all the department to get god's blessing from heaven.



EXAM PRAYER

Examination prayer was organized for the academic year 2018-2019(Odd Semester) on 12.10.18.



CAMPUS DRIVE

- Campus drive was conducted by "SMI" Madurai on 22.10.18
- The following students were shortlisted and uplifted for the next round of interview on 13.11.18 with company premises.
 - Abishini sholi.F (IV ECE)
 - Aneesha begam.M (IV ECE)
 - Durga.M (IV ECE)
 - Nathiya.K (IV CSE)



QUIZ COMPETITION

- In association with Tamil Nadu National Science Forum, we organized District Level Quiz Competition for the school students.



- In this forum Mr.Ramesh, Correspondent, Sathana Matric Hr.Sec.School., Kadayanallur, Mr.Suresh Kumar, Secretary, Tamil Nadu Science Forum, Tenkasi., Mr.Sheik Mohaideen, Agriculture Officer, Shenkottai., Mrs.Lenin Bharathi, Secretary, Tamil Nadu Science Forum, Shenkottai, were participated and totally 18 school students were participated.



SEMINAR

Seminar was handled by final year civil students Dhanalakshmi.G, Deepa.R in STRUCTURAL DYNAMICS AND EARTHQUAKE ENGINEERING subject for final year civil students on 1.10.2018.



TECHCRUZ 2018

8TH NATIONAL LEVEL TECHNICAL SYMPOSIUM- TECHCRUZ 2K18 was conducted by the Department of CSE on 01.10.2018. A total of 101 students from other colleges participated in the symposium.



PLACEMENT TRAINING

Placement training program was organized for ECE and CSE Department students on 25.10.18. This session was handled by Mr. Sakthivel, TARENTO, Bangalore.



EMBEDDED VALUE ADDED COURSE

Embedded Value added course were conducted for our III Year ECE Students by Mr. Kannan, Design Engineer, Turnvolt technologies, Trichy on 29-09-18 to 05-10-18.



CO-CURRICULAR ACTIVITIES

SL.NO	STUDENT NAME	VENUE	TOPIC
1	Abdul Wahab M II Year Chinnaraja M II Year Mathankumar.M II Year Srirambalamurugan.L II Year	VV College of Engg, Tisyanvillai	Brain controlled artificial leg
2	Jenitta Rani.A II Year Arijilin.D II Year Gowsalya.M II Year	PET College of Engg, Vallioor	Fuzzy logic controller based speed control of DC motor
3	Manjula.M II year Malathi.M II Year		Arduino control war shield high robot using night vision wireless camera

GUEST LECTURE

- Mr.B Prabu [9009610702] Asst. Professor of Mechanical Engineering Department from Kamaraj College of Engineering and Technology, Virudhunagar gave a Guest lecture on 04th October 2018 about “Engineering Thermodynamic” for the Second year students.



CO-CURRICULAR ACTIVITIES

- Final year MECH students Mr.B. Immanul Raja and Mr.M.Jothi Sivasankar attended a hands on training about “Industrial Advancement in Robotic and Automation” at “**Government College of Technology**” Coimbatore on 13th October 2018



- Final year MECH student Mr. A.Arockia Motcham attended the workshop on Industrial Version 4.0 at **Ramco Institute of Technology, Rajapalayam** on 31st August 2018.



- Final year MECH students participated in many events in National Level Technical Symposium at **PSN Engineering College, Melathediyoore** on 5th September 2018

EVENTS

PARTICIPANTS

Paper Presentation

Mr. S.Kantha Kumar, Mr.S.Muthusamy

CAD Modeling

Mr. K.Antonraj, Mr. A.Gnanasundar,
A.Andrews Micheal, Mr.A.Arockia
Motcham

CAD Modeling & Technical Quiz

Mr. A.Legason, Mr.P.Gomathi Sankar

- Final Year and Third Year MECH Students Mr G.Rohinth Antony Kruse Mr. Alfin Wilfred, Mr. Arjun , S.Simson Selvin, G.Manikandan, Mr.P Obethraja, Mr.N.Mohamed Imran Khan, Mr. M.Micky James Mr. Virgin J R,Mr.Immanuel Iruthayaraj, . S.Muthuraman, A.Utchimakali, M.Vel Selvam, J.Kingston, N.Subash also attended the one day workshop about “Advancement in Vehicle Dynamics and Automobile Technology by VOLVO” in **Government College of Technology, Coimbatore** on 08th September 2018 .



- Final Year Students MECH students Mr. A. Andrews Micheal , Mr. K. Antonraj , Mr. A. Gnanasundar,Mr. A. Arockia Motcham attended the two days workshop about “Fundamentals of Tribology” in **National Engineering College, Kovilpatti** on 11th & 12th September 2018.

- Final Year Students MECH students Mr. T.Subin, Mr. P.Gomathi Sankar, Mr. S.Vignesh, Mr. P.Esakki Raj attended the two days workshop about “Recent Trends in IC Engines” in MIT,Chennai on 28th September 2018.



VIGILANCE PROGRAM

Vigilance Program was organized by S and H Department for the first year student on 24.10.18. This session was handled by Mr. Ramesh kumar, Deputy Vigilance Officer, Nuclear Powerplant, Koodan kulam under the title of “Eradication Corruption-Built New India”.



5G TECHNOLOGIES

One generation is advancing in the field of mobile technology. Starting from the First Generation (1G) in 1980s, Second Generation (2G) in 1990s, Third Generation (3G) in 2000s, **Fourth Generation (4G)** in 2010s, and now Fifth Generation (5G), we are advancing towards more and more sophisticated and smarter technology.



The 5G technology is expected to provide a new (much wider than the previous one) frequency bands along with the wider spectral bandwidth per frequency channel. As of now, the predecessors (generations) mobile technologies have evidenced substantial increase in peak bitrate. Then — how is 5G different from the previous one (especially 4G)? The answer is — it is not only the increase in bitrate made 5G distinct from the 4G, but rather 5G is also advanced in terms of –

- High increased peak bit rate
- Larger data volume per unit area (i.e. high system spectral efficiency)
- High capacity to allow more devices connectivity concurrently and instantaneously
- Lower battery consumption
- Better connectivity irrespective of the geographic region, in which you are
- Larger number of supporting devices
- Lower cost of infrastructural development
- Higher reliability of the communications

As researchers say, with the wide range of bandwidth radio channels, it is able to support the speed up to 10 Gbps, the 5G *WiFi* technology will offer contiguous and consistent coverage – “wider area mobility in true sense.”

S.G.S KAVITHA,

IV-ECE



NAME

Mahatma Gandhi

OCCUPATION

Anti-War Activist

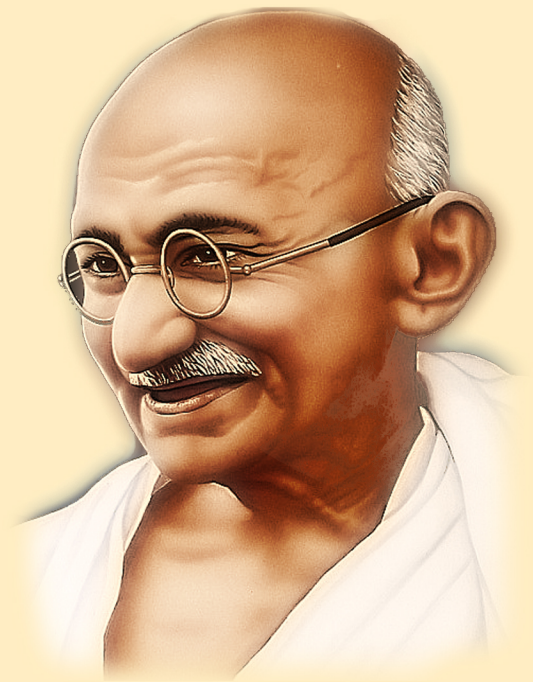
BIRTH DATE

October 2, 1869

DEATH DATE

January 30, 1948

DID YOU KNOW?



As a young man, Mahatma Gandhi was a poor student and was terrified of public speaking.

Gandhi formed the Natal Indian Congress in 1894 to fight discrimination.

Gandhi was assassinated by Hindu extremist Nathuram Godse, who was upset at Gandhi's tolerance of Muslims. Gandhi's non-violent civil disobedience inspired future world leaders like Martin Luther King Jr. and Nelson Mandela.

EDUCATION

Samaldas College at Bhavnagar, Gujarat, University College London

PLACE OF BIRTH

Porbandar, Kathiawar, India

PLACE OF DEATH

New Delhi, India

