



JIET COLLEGE OF ENGINEERING

EPOCH

B. Tech, First Year (Department of Applied Sciences)
Issue - 20 | December, 2017 | Half Yearly Newsletter



JIET

Group of Institutions

www.jietjodhpur.ac.in



VISION

To become a globally recognized institution in technical and professional education, and to provide career and research oriented, value based education to serve the society.

MISSION

To develop a holistic educational approach that blends fundamentals and hands-on experience.

To build a diverse academic environment that fosters problem solving ability, team spirit, leadership, and commitment towards quality.

To promote exchange of ideas, innovation, research and entrepreneurial skills so as to face global challenges.

To inculcate ethical values and sense of responsibility towards society.



HEAD'S Message

I am elated at the release of yet another issue of our Bi-annual newsletter "EPOCH". This newsletter assimilates the events and happenings of the entire former semester by bringing them all on a common platform to cherish the memories, to contemplate on further enterprises, to rectify our follies and be motivated to tread ahead. In short, it is a testimonial to all our winnings and losings.

Nevertheless, I would like to congratulate the editorial team on this undertaking as well as the members of the department whose efforts have made it more enriching to read.



Dr. Chetna Gomber
(Dy. Registrar JIETCOE)

Editor's Desk



Ms. Chitra Chhablani
Asst. Prof.,
1st Year, JIETCOE

This newsletter is an excellent opportunity to share with each one, the multifold activities running in every corner of the institution. The document provides a 360 degree view the happenings as well as it puts them on a common platform for further perpetuity and innovation.

I perpetuate that you would enjoy reading the proceedings of the year marked activities.

Happy Reading !!!

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ORIENTATION PROGRAMME

Sessions on the “Importance of Communication Skills” were taken by Dr. Rashmi Vyas (Associate Prof (English) and Ms. Chitra Chhablani (Assistant Professor (English) during the Orientation Programme organised on July 4, 2017 for the semesters III, V and VII semesters at JIETCOE.

FACULTY ACHIEVEMENTS

- A paper titled “General Class of Generating Functions and its Applications – I” has been communicated by Dr. Kamlesh Bhandari (Associate Prof. (Mathematics), JIETCOE) in The South East Asian Journal of Mathematics and Mathematical Sciences in August.
- A research paper on “A Study of the Extended T, B Gauss Hypergeometric Function” penned by Mr. Devendra Singh Rawat (Assistant Prof. (Mathematics)) was published in Asian Journal of Mathematics and Computer Research in August
- Prof. (Dr.) Kamlesh Bhandari's (Associate Prof. (Maths)) accepted and communicated research paper on “General Class of Generating Functions and its Applications” is published in an online journal named Janabha – (University Grants Commission Approved Journal No. 26013) published by The Vijnana Parishad of India; Dayanand Vedic Postgraduate College; Bundelkhand University in September.
- A paper penned by Mr. Devendra Singh Rawat (Asst. Prof. (Maths)) is published in The Rajasthan Academy of Physical Sciences (ISSN: 0972-6306; Vol.16, No.1&2, March-June, 2017, 9-19). The title of the paper is “Generalized Fractional Calculus of the Generalized K-Bessel Function” in September.
- A paper on “Sustainable Development And Innovative Clean Technology” co-authored by Ms. Anshu Mathur (Asst. Prof, Dept. of Humanities & Social Sciences, JIETCOE) along with the students of B.Tech III year, Pooja Mathur, Priyanka Mehra was published in the International Journal for Research in Applied Science & Engineering Technology (IJRASET)(ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887.) in September
- A paper titled “Materials: Transforming Imagination into Reality” co-authored by Dr. Sushmana Sharma, (Assoc. Prof., Department of Physics, JIETCOE) along with the students Bhupendra Kumar Meena and Atul Joshi has been accepted for presentation in the II International Conference on “Condensed Matter and Applied Physics” at Govt. Engineering College, Bikaner in October
- A paper titled, Hypergeometric fractional integrals of multiparameter K-Mittag-Leffler function authored by Prof, Devendra Singh Rawat was published in Department of Mathematics & Statistics, Jai Narain Vyas University, Jodhpur in December 2017.
- Dr. Sushmana Sharma (Associate Prof. (Physics) I Year) was awarded a Gold medal along with an “Elite” certificate for securing a consolidated score 100 % in NPTEL's course on “Laser Fundamentals and Applications”.
- Ms. Chitra Chhablani (Assistant Prof (English)) was awarded a Gold medal along with an “Elite” certificate for securing a consolidated score of 90 % in the subject of “Soft Skills” course in NPTEL course.

WORKSHOPS

- A one day workshop on “GST and its Impacts” organized by the Department of Management Studies on October 27, 2017 was attended by Ms. Anshu Mathur(Asst. Prof. H&SS)
- Prof.(Dr)Sunita Parihar & Prof.(Dr.) Sushamana Sharma attended ICT based workshop on 'climate change and disaster management' organized by Department of Applied Sciences (Chemistry) JIET on 6 - 10 Nov,2017.



TEACHERS' DAY CELEBRATION

The year marked day for the Teachers' Day celebration was to end on a usual note until last lecture when the First year students planned and executed the celebrations during the last lecture. It came as a surprise celebration for all the faculty members since the preparations were completed randomly.

OPEN HOUSE - 2017

The much awaited annual gala of the display of the scientific knowledge and acumen through projects was held on 14 and 15 of this month. Children participated enthusiastically and devoted themselves to the making of more than two projects each. Following are the results of the same:

Category: Model (Live)

I Position:

Divyam Bohra, Abhishek Suthar, Aditya Sankhla
Mukul Mathur for “Power Generation by Mechanical Energy”



II Position:

Aditya Vyas & Prasant Harsh for “Elephant Toothpaste”



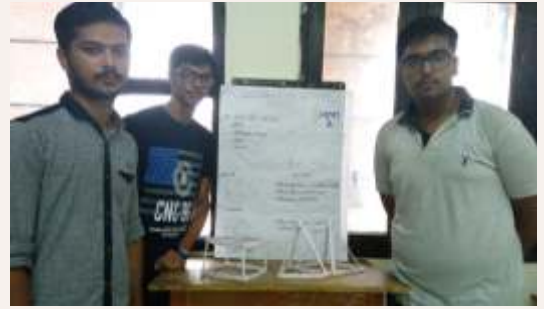
III Position:

Saurabh Soni ,Rohit Vardhani, Manmohan Soni Kartik Sharma
Sagar Singh, Ranveer Singh for “Quiz (Braincafe)”.

Category: Model (Static)

I Position:

Ranveer Singh, Saurabh Soni, Rohit Verdhani
for “Application of Scalar Triple Product.”



II Position:

Gaurav Bhati, AakashSoni, Krishna Madan Gopal
Gaurav Arora for “Rocket Launching Trajectory”



III Position:

Abhishek Suthar, Aditya Sankhla, Divyam Bohra
Mukul Mathur for Eco- Friendly Fuel

Category: Chart & Poster Making

I Position :

AkshayMagrajDawer for
“ISRO: Chandrayaan&Mangalyaan.”



II Position :

Sripal K Jain and Yash Vashisht
for “Periodic Table of Language.”

III Position : Kanisha for “Lathe Machine”



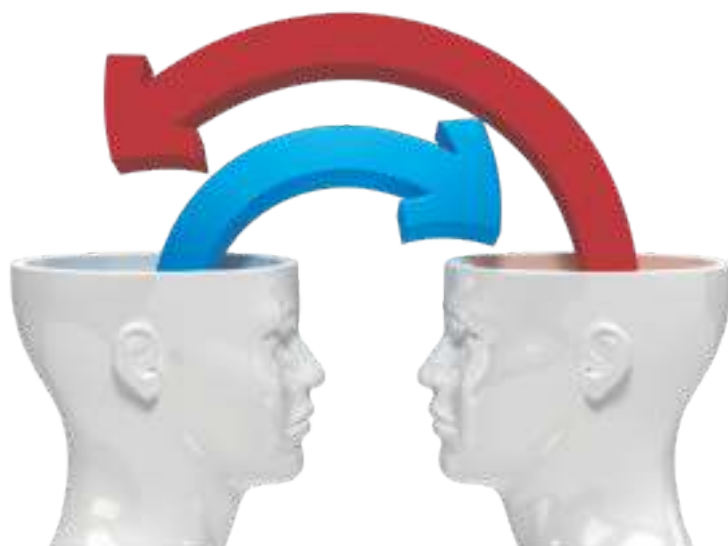
EXPERTS LECTURES (Experts from within JGI)



- An expert lecture on “Barriers to Communication” was delivered by Dr. Rashmi Vyas (Assoc. Prof, Dept. of English, JIET) on 11/9/2017 for the sections A & B.
- An expert lecture on “Rain Water Harvesting” was delivered by Dr. Sushma Dave (Assoc. Prof (Chemistry), JIET) to the students of sections A & B on 4/10/2017 and 3/10/2017 respectively
- An expert lecture on “Fundamentals of Polarization” was delivered by Dr. Abhijit Kulshreshtha (Assoc. Prof. (Physics), JIET) on 6/10/2017 to the students of section A.
- An expert lecture in the subject Computer Aided Engineering Graphics (CAEG) on the topic 'Auto Cad' was delivered by Mr. R.S Chhatrawat (Associate Prof. (Department of ME, JIET) to the students of I Year (Sections B and A) on 4 November 2017 and 14 November 2017 respectively.
- An expert lecture in Physics on the 'Application of Schrodinger Equation' was delivered by Prof. (Dr.) Abhijit Kulshreshtha (Associate Prof. (Physics) I Year, JIET) to the students of I Year (Section A) on 3 November 2017.

FACULTY INTERACTION PROGRAMME

- Prof.(Dr.) Sunita Parihar (Deptt.Of Chemistry), Prof. (Dr.) Sushmana Sharma (Deptt.Of Physics), Prof. Swarnalata Pathak (Deptt.Of Physics) and Prof. Chitra Chhablani (Deptt. Of English) attended the FIP from November 29 to December 1 2017.
- Prof.(Dr.) Kamlesh Bhandari (Deptt.Of Mathematics) and Prof. Devendra Rawat (Deptt.Of Mathematics) attended the FIP from December 13 to December 15 2017.



UNIVERSITY RESULTS

Academic Results

I Year (II Sem) Batch 2016-2020



ANIRUDH MAHESHWARI
85.70%



TANISHA PAREEK
84.40%



PRAVEEN KUMAR MANDHANIA
82.30%

THE QUESTION BANK

- Q1. In which decade was the American Institute of Electrical Engineers (AIEE) founded?
A. 1850s B. 1880s
C. 1930s D. 1950s
- Q2. In which decade with the first transatlantic radio broadcast occur?
A. 1850s B. 1860s
C. 1870s D. 1900s
- Q3. Most modern TV's draw power even if turned off. The circuit the power is used in does what function?
A. Sound B. Remote control
C. Color balance D. High voltage
- Q4. The purpose of choke in tube light is ?
A. To decrease the current
B. To increase the current
C. To decrease the voltage momentarily
D. To increase the voltage momentarily
- Q5. Who is largely responsible for breaking the German Enigma codes, created a test that provided a foundation for artificial intelligence?
A. Alan Turing
B. Jeff Bezos
C. George Boole
D. Charles Babbage
- Q6. Who developed Yahoo?
A. Dennis Ritchie & Ken Thompson
B. David Filo & Jerry Yang
C. Vint Cerf & Robert Kahn
D. Steve Case & Jeff Bezos
- Q7. What does the term PLC stand for?
A. Programmable Lift Computer
B. Program List Control
C. Programmable Logic Controller
D. Piezo Lamp Connector
- Q8. 'DB' computer abbreviation usually means ?
A. Database
B. Double Byte
C. Data Block
D. Driver Boot
- Q9. 'INI' extension refers usually to what kind of file?
A. Image file
B. System file
C. Hypertext related file
D. Image Color Matching Profile file
- Q10. Who co-founded Hotmail in 1996 and then sold the company to Microsoft?
A. Shawn Fanning
B. Ada Byron Lovelace
C. Sabeer Bhatia
D. Ray Tomlinson



Answer :

1. D
2. D
3. B
4. D
5. A
6. B
7. C
8. A
9. B
10. C

Work

Team



PATRON

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(Director, JIETCOE)

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