



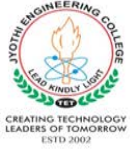
Internal Quality Assurance Cell- Annual Report -Academic Year: 2017-2018

Programme conducted by IQAC

1. Three day workshop on **“Total station-Theory and practice”** conducted by department of Civil Engineering



2. Two-day workshop on **“Geometric design of road using planal software”** conducted by department of Civil Engineering
3. Two day workshop on **“Robotics embedded system”** conducted by department of Electrical and Electronics Engineering and ISTE
4. One day workshop on **“Mechanical and Electrical plumbing”** conducted by department of Electrical and Electronics Engineering and JEEE-IAS
5. One day workshop of training on **“Non-destructive testing”** conducted by department of Mechanical Engineering
6. Two-day workshop on **“Simulation using NS3”** Conducted by department of Electronics and communication Engineering.
7. One day seminar on **“Road safety auditing evaluation and treatment”** conducted by department of Civil Engineering



8. One day workshop on NOT concluded by United NOT training and inspection\ centre, Cochin on 10th November 2017. Sessions were handled by Mr. ANEESH C & Mr. VINEESH P V and Mr. SANAL C, United NOT training and inspection centre, Cochin It was jointly organised by Association of Mechanical Engineering (AMES) and Society of Automotive Engineers India (SAE).
9. Expert talk on **“Aerospace engineering”** organised on 4th November 2017 Mr. M Radhakrishnan Menon (Founder and CEO, Global Aerospace)
10. Autodesk Fusion 360 Awareness and Workshop was conducted on 26th August 2017, Session was handled by CAD CENTER, Thrissur. It was organized by Society of Automotive Engineers India (SAE).
11. An interactive session on **Emerging Perspectives in Research** was organized for the faculty and students of the college by researchers from university of Melbourne Australia on 10-02-2018. Dr. Malka Nishanthi Halgamuge, Research Fellow / Scientist in the Department of EEE of University of Melbourne was the Chief Guest
12. Technical talk on **“Road Safety Auditing, Evaluation and improvement”** was organized for students and the session was handled by Dr. Elangovan T, Exe. Director Kerala Road Safety Authority on 15th February 2018
13. A talk on **“Higher education opportunities in Canada overseas”** was done by Mr. Carlos Benzaquen, Linked Education, and Canada on 12-03-2018.
14. Seven day Short Term Training Program was conducted for both internal and external academician and students on **“Practical Approach to Transportation Planning uses Cube Software”** during 20 to 26 May 2018. Eminent personalities from premier academic institutes and Industries handled various sessions



Practical Approach to
 Urban Transportation Planning using CUBE Software
 20-5-2018 to 26-5-2018

15. A talk on “**River and Sustainability**” was given by Ms. Jordan P Woodward Fullbrite -Nehru Research scholar, University of Oklahoma, USA on 4-07-2018.
16. R&D cell has organised Three day FDP on “**Introduction to Research through Research Methodology and Mathematics**” during 5- 7 July 2018 for the internal faculty of the college.



Introduction to research through research methodology and mathematics
 05-07-2018 to 7-07-2018



17. 'Academic Retreat' on 'Pursuing Excellence in Engineering Education', conducted by The JYOTHI team, during the 3-day residential for the teaching faculty members at 'Nirmala Centre for Educational Spiritual and Theological Training (NESTT)', Muvattupuzha, on 9th 10th and 11th July 2018



Pursuing excellence in Engineering Education
 09-07-2018 to 11-07-2018

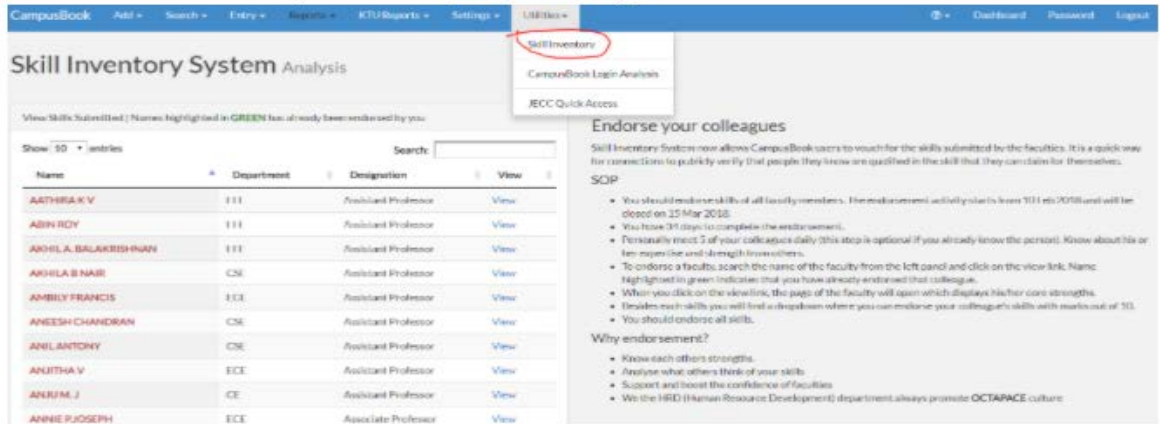


Significant Activities and contributions made by IQAC

- The composition of IQAC has been altered to make it more In line with the NAAC guidelines by including various stakeholders. Representation from the student community and the industry and professional bodies so as to ensure that their voices are heard.
- Continuous evaluation of the teaching learning process is done through feedback and internal academic audit. The existing systems were made robust to comply with the guidelines.
- Campus Book, the information system used on campus for collecting organizing and analyzing the data is being made more robust and is increasingly used as a platform for organizing more activities such as distributed planning.
- There has been an increased stress on planning various academic and non-academic activities as the IQAC took the responsibility to ensure and deliver best practices.
- Regular academic auditing for teaching learning process is being carried out to ensure the quality of education.
- Exit survey of the students are conducted every year to collect the feedback on all the academic and nonacademic activities on and off the campus to ensure that the efforts to develop and maintain a good academic culture are on track.
- IQAC and HR department formulated a Introduced new faculty appraisal system, in this selecting staffs under various criteria using a skill inventory system through campus book.

SOP

1. Login to your [CampusBook](#) account
2. Under Utilities menu you can find **Skill Inventory**



View Skills Submitted (Names highlighted in GREEN has already been endorsed by you)

Name	Department	Designation	View
ARTHIRA K V	III	Assistant Professor	View
ADIN ROY	III	Assistant Professor	View
AKHILA BALAKRISHNAN	III	Assistant Professor	View
AKHILA BANAR	CSE	Assistant Professor	View
AMBILY FRANCIS	ECE	Assistant Professor	View
ANESH CHANDRAN	CSE	Assistant Professor	View
ANILANTONY	CSE	Assistant Professor	View
ANITHA V	ECE	Assistant Professor	View
ANJUM J	CE	Assistant Professor	View
ANNE JOSEPH	ECE	Associate Professor	View

Endorse your colleagues

Skill Inventory System now allows CampusBook users to vouch for the skills submitted by the faculties. It's a quick way for connections to publicly verify that people they know are qualified in the skill that they candidate for themselves.

SOP

- You should endorse skills of all faculty members. Endorsement activity starts from 11th Feb 2018 and will be closed on 15 Mar 2018.
- You have 30 days to complete the endorsement.
- Personally meet 5 of your colleagues daily (this step is optional if you already know the person). Know about his or her expertise and strength from others.
- To endorse a faculty, search the name of the faculty from the left panel and click on the view link. Name highlighted in green indicates that you have already endorsed that colleague.
- When you click on the view link, the page of the faculty will open which displays his/her core strengths.
- Besides each skill you will find a dropdown where you can endorse your colleagues skills with marks out of 10.
- You should endorse all skills.

Why endorsement?

- Know each others strengths.
- Analyze what others think of your skills.
- Support and boost the confidence of faculties.
- With the HRD (Human Resource Development) department always promote OCTAPACE culture.

3. Click on **Skill Inventory**. On the right side of the page you will find detailed instructions.

- The Answer Repository for the current semester is ready and will be made available to the students from 29-03-2018. Students may access the repository by logging into their respective Campus book accounts and are expected to utilize the answer scripts in their preparation for the model examination. Faculty members can access the documents of their corresponding department under Utilities in the Main Menu in the campus book.
- Jyothi Engineering College, Cheruthuruthy with IQAC hosted "Research conclave - 2018" which is organized for M.Tech students by APJ Abdul Kalam Technological University, Palakad cluster on 19th April, 2018. All the participants received participation certificates, while the best paper awarded a cash prize and certificate to that effect.



Jyothi Engineering College

NAAC Accredited college with NBA Accredited programmes

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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**APJ ABDUL KALAM
TECHNOLOGICAL UNIVERSITY
PALAKKAD CLUSTER
ORGANISES**

**RESEARCH
CONCLAVE
2018**

Intended Participants :
M. Tech students of Palakkad Cluster

No Registration Fee

on
**19th April
2018**

Hosted By
Jyothi Engineering College
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
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Electrical & Electronics Engineering and Mechanical Engineering *valid for Academic Years 2016-2017 to 2018-2019
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- National Board of Accreditation visit for the Civil department is expected in November and the SAR submission should be on JUNE 2018.
- The faculty members are advised to register and complete their PhD programmes. It is proposed to incentivize the effort towards publishing. More faculty members have completed their Ph.D. degrees. No of articles published also is showing an uptrend.



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