



# VISAT ENGINEERING COLLEGE

Nelloorupara, Mutholapuram P O, Elanji, Ernakulam - 686665

Approved by AICTE, Recognized by DTE Kerala

Affiliated to the APJ Abdul Kalam Technological University, TVM

Tel No: 0485 - 2259900 / Web : www.visat.ac.in / E-Mail : office@visat.ac.in

## IEEE EVENTS

### 1. WEBINAR ON INTRO OF COMMAND LINE AND GIT

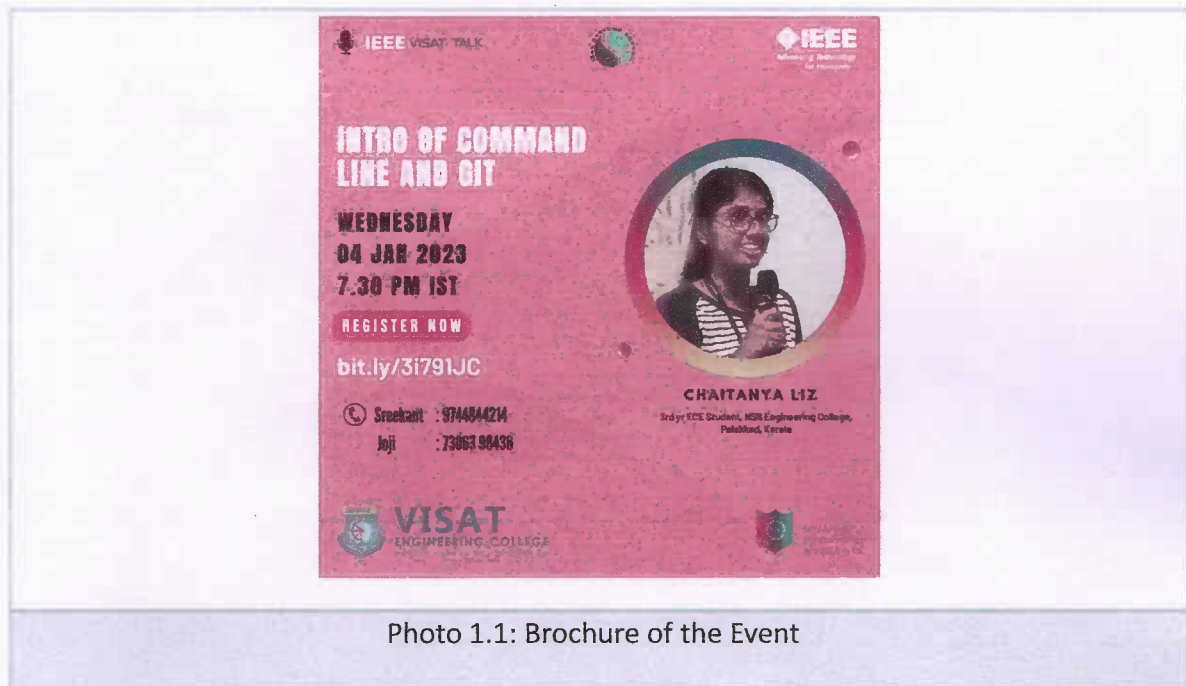



Photo 1.1: Brochure of the Event

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Webinar on Intro of Command Line and Git on 4<sup>th</sup> January 2023. Ms Chaitanya Liz, NSS Engineering College, Palakkad, Kerala, India interacted with the volunteers of the IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. The session mainly focused on Questions & answers. Speakers make the session more interactive.

### 2. LUMINARY LECTURE ON EMPLOYABILITY & SKILL DEVELOPMENT

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Luminary Lecture on 10<sup>th</sup> January 2023. Mr. Joe Lalson Plathottam, Project Engineer, Sea Blue Shipyard Ltd, Ernakulam, Kerala, India interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.



  
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Photo 2.1: Mr. Joe Lalson Plathottam interacting with the volunteers of IEEE Photonics Society Student Chapter

### 3. WEBINAR ON CLOUD COMPUTING



Photo 3.1: Brochure of the Event



*Prathap*  
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IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Webinar on Cloud Computing on 11<sup>th</sup> January 2023. Mr. Justin Kalappura, Mr. Sajo Sam, REG MCA, Kerala, India interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.

#### 4. HANDS ON TRAINING WORKSHOP ON SOLAR CELL SIMULATOR

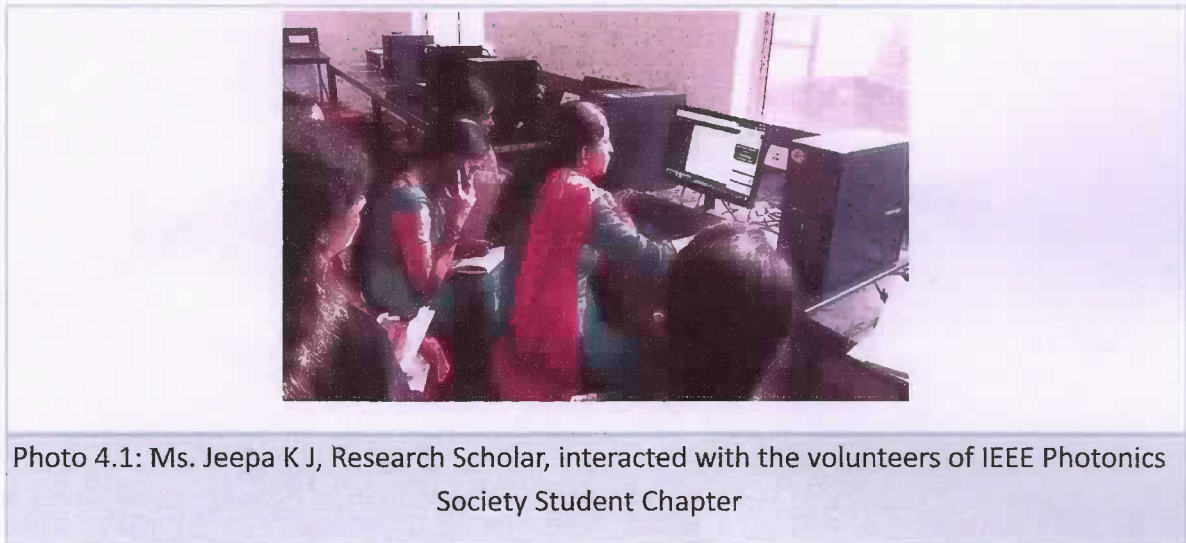
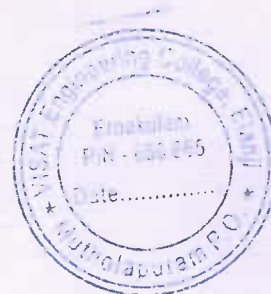


Photo 4.1: Ms. Jeepa K J, Research Scholar, interacted with the volunteers of IEEE Photonics Society Student Chapter

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Hands-on Training Workshop on Solar Cell Simulator on 16<sup>th</sup> January 2023. Ms. Jeepa K J Research Scholar, Kerala Technological University, Kerala, India interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.

#### 5. TRY ENGINEERING AND STEM OUTREACH ACTIVITIES

IEEE Photonics Society Student Chapter VISAT Engineering College hosted Try Engineering and STEM outreach activities on 18<sup>th</sup> January 2023. 86 high school students visited VISAT campus and learn robotics, also interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Finally mini project development contest also organized and the participants are honored with certificates.



  
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Photo 5.1: The volunteers of IEEE Photonics Society Student Chapter interacting with high school students who visited VISAT campus and learn robotics

## 6. WEBINAR ON INNOVATION THROUGH IEDC ECOSYSTEM



Photo 6.1: Brochure of the Event



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IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Webinar on Innovation through IEDC Eco system on 19<sup>th</sup> January 2023. Mr. Abi Varghese, Convenor, Makerhub, Amal Jyothi IEDC, Kerala, India interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.

## 7. WEBINAR ON ROOTS TO PROJECTS



Photo 7.1: Brochure of the Event

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Webinar on Roots to Projects on 25<sup>th</sup> January 2023. Mr. Jomon Thomas George, IEEE Comsoc Chair, Kerala, India interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.



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## 8. SEMINAR ON IPR FILING

**India** **NIPAM**

**Seminar on  
Intellectual Property Rights (IPR) & Patent and Design Filing**  
(Under National Intellectual Property Awareness Mission (NIPAM) 2.0)  
*Organized by*  
**Department of Electronics & Communication Engineering**  
**in association with IEEE Student Branch of VISAT Engineering College**  
**On 30<sup>th</sup> January 2023**

**Resource Person**  
**Shri. Anoop K Joy**  
Deputy Controller of Patents and Designs  
Indian Patent Office, Chennai

**Coordinator**  
Prof. Hima/ECE

Certificates will be issued by the office of CGPDTM, Govt. of India

**VISAT ENGINEERING COLLEGE** **IEEE**

Photo 8.1: Brochure of the Event

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Seminar on IPR filing on 30<sup>th</sup> January 2023. Mr. Anoop K Joy, Deputy Controllers of Patents, Indian Patent Office interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.

## 9. WEBINAR ON ROBOTICS & CAREER OPPORTUNITIES

IEEE Photonics Society Student Chapter VISAT Engineering College hosted a Webinar on Robotics & Career Opportunities on 1<sup>st</sup> February 2023. Mr. Muhammed A, CO Founder Autobonics Pvt Ltd, Kerala interacted with the volunteers of IEEE Photonics Society Student Chapter. IEEE & Non-IEEE members participated. Session mainly focused on Question & answers. Speaker makes the session more interactive.



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Photo 9.1: Brochure of the Event

## 10. IEEE 5NANO 2023: IEEE INTERNATIONAL CONFERENCE



Photo 10.1, 10.2: Brochure of the Event



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IEEE PHOTONICS SOCIETY OF VISAT Engineering College organised an IEEE International Conference IEEE 5 Nano 2023 on 27th and 28th April 2023. Nano electronics, nanophotonics, nanomaterials, nanobioscience, and nanotechnology all were able to be explored at the same spot.

## 11. IEEE YESIST12 INNOVATION CHALLENGE TRACK

https://portal.ieeeyesist12.org/viec/ (Age above 17) and <https://portal.ieeeyesist12.org/jeviec/> (Age below 17)'."/>

Photo 11.1: Brochure of the Event

IEEE Student's Branch of VISAT ENGINEERING COLLEGE coordinated with IEEE YESIST12 INNOVATION CHALLENGE TRACK in association with "VISAT ENGINEERING COLLEGE, I-Explore, EDS, IEEE COMSOC, IEEE". The event details are as follows:

Deadline for abstracts: 10 May 2023

Project Presentation :19 May 2023 The theme for the PRELIMS INTERNATIONAL PROJECT EXPO 2023 was UN SUSTAINABLE DEVELOPMENT GOALS.

Considerations: TEAM SIZE: 4 Members

Final Venue: EGYPT

<https://portal.ieeeyesist12.org/viec/> (Age above 17)

<https://portal.ieeeyesist12.org/jeviec/> (Age below 17)



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**MOE'S INNOVATION CELL**  
**INSTITUTION'S INNOVATION COUNCIL**

**VISAT ENGINEERING COLLEGE, ERNAKULAM (IC202217345)**  
**JOY OF BEING AN IEEE VOLUNTEER**

**OVERVIEW**

<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
To build and motive students towards the volunteering mindset.	By this session students have learned entrepreneurial qualities and learned how to be an active volunteer in life.
<b>Academic Year:</b>	<b>Program driven by:</b>
2021-22	Self-driven Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
August	Joy of being an IEEE Volunteer
<b>Program Type:</b>	<b>Other:</b>
Leadership Talk	null
<b>Program Theme:</b>	<b>Other:</b>
Entrepreneurship	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
08/13/2022-08/13/2022-0	null
<b>Student Participants:</b>	<b>Faculty Participants:</b>



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25

10

**Expenditure Amount, If any:**

**Remark:**

null

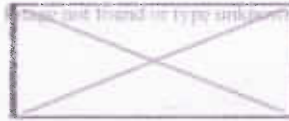
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### ATTACHMENTS

**Video:**

null

**Photograph1:**



**Photograph2:**

NA

**Session plan, If any:**

<https://api.mic.gov.in/uploads/institutes/monthlyReport/report/4803-IC202217345.pdf>

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**VISAT ENGINEERING COLLEGE, ERNAKULAM (IC202217345)  
ROBOTICS WORKSHOP OF IEDC IN ASSOCIATION WITH ECE DEPARTMENT.**

**OVERVIEW**

<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
knowledge about the latest technologies and innovations in the field of Robotics.	To make the school students aware about the latest technologies and innovations in the field of Robotics, introduction to Arduino
<b>Academic Year:</b>	<b>Program driven by:</b>
2021-22	Self-driven Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
June	Robotics Workshop of IEDC in Association with ECE Department.
<b>Program Type:</b>	<b>Other:</b>
Workshop	null
<b>Program Theme:</b>	<b>Other:</b>
R&D and Innovation	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
06/27/2022-06/28/2022-1	null



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**Student Participants:**

60

**Faculty Participants:**

10

**Expenditure Amount, If any:**

null

**Remark:**

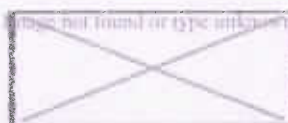
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### ATTACHMENTS

**Video:**

null

**Photograph1:**



**Photograph2:**

/uploads/institutes/monthlyReport/Photograph2/4477-IC202217345.jpeg

**Session plan, If any:**

<https://api.mic.gov.in/uploads/institutes/monthlyReport/report/7683-IC202217345.pdf>

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**VISAT ENGINEERING COLLEGE, ERNAKULAM (IC202217345)**  
**BUILDING INSTITUTE LEVEL YUKTI - NATIONAL INNOVATION REPOSITORY (NIR)**

**OVERVIEW**


<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
Session was an online orientation session about the YUKTI Platform National Innovation Repository.	Acquired Knowledge about the YUKTI platform (NIR), explained the procedure for idea/Startup submission in the website.
<b>Academic Year:</b>	<b>Program driven by:</b>
2021-22	MIC driven Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
August	Building Institute Level YUKTI - National Innovation Repository (NIR)
<b>Program Type:</b>	<b>Other:</b>
Workshop	null
<b>Program Theme:</b>	<b>Other:</b>
R&D and Innovation	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
08/09/2022-08/09/2022-0	null



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<b>Student Participants:</b>	<b>Faculty Participants:</b>
15	20
<b>Expenditure Amount, If any:</b>	<b>Remark:</b>
null	null

**ATTACHMENTS**

<b>Video:</b>	null
<b>Photograph1:</b>	
<b>Photograph2:</b>	/uploads/institutes/monthlyReport/Photograph2/2807-IC202217345.jpg
<b>Session plan, If any:</b>	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5703-IC202217345.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5703-IC202217345.pdf</a>

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**VISAT ENGINEERING COLLEGE, ERNAKULAM (IC202217345)**  
**WEBINAR ON TCS NQT PREPARATION STRATEGY**

**OVERVIEW**

**Objective:**

To make students aware about the NQT exams and fulfill their innovation aspects for career

**Benefit in terms of learning/Skill/Knowledge obtained:**

The session gave students how to prepare for competitive exams. The scope of their career with an innovation mindset was explained.

**Academic Year:**

2021-22

**Program driven by:**

Self-driven Activity

**Month:**

August

**Program /Activity Name:**

Webinar on TCS NQT Preparation strategy

**Program Type:**

Other

**Other:**

Workshop

**Program Theme:**

R&D and Innovation

**Other:**

NA

**Date & Duration (Days):**

08/27/2022-08/27/2022-0

**External Participants, If any:**

null

**Student Participants:**

**Faculty Participants:**



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**Expenditure Amount, If any:**

**Remark:**

null

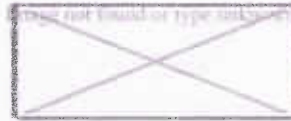
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## ATTACHMENTS

**Video:**

null

**Photograph1:**



**Photograph2:**

/uploads/institutes/monthlyReport/Photograph2/2063-IC202217345.png

**Session plan, If any:**

<https://api.mic.gov.in/uploads/institutes/monthlyReport/report/8142-IC202217345.pdf>

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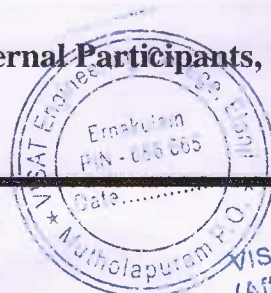


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**VISAT ENGINEERING COLLEGE, ERNAKULAM (IC202217345)  
PARTICIPATION OF IIC INSTITUTIONS IN IIC REGIONAL MEETS**

**OVERVIEW**

<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
Interaction with different IIC members. YUKTI 2.0 Platform. Different Innovations stalls displayed.	Knowledge obtained about YUKTI-National Innovative Repository and had learning about various activities on creation and Sustaining an I&E Ecosystem.
<b>Academic Year:</b>	<b>Program driven by:</b>
2021-22	MIC driven Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
August	Participation of IIC Institutions in IIC Regional Meets
<b>Program Type:</b>	<b>Other:</b>
Conference	null
<b>Program Theme:</b>	<b>Other:</b>
R&D and Innovation	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
08/06/2022-08/06/2022-0	null



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**Student Participants:**

0

**Faculty Participants:**

300

**Expenditure Amount, If any:**

null

**Remark:**

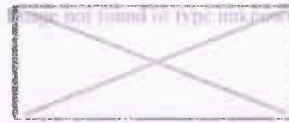
Interactive and exciting Meetup

### ATTACHMENTS

**Video:**

null

**Photograph1:**



**Photograph2:**

NA

**Session plan, If any:**

<https://api.mic.gov.in/uploads/institutes/monthlyReport/report/1100-IC202217345.pdf>

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OUT OF THE BOX THINKING FOR PROBLEM SOLVING**

**OVERVIEW**

<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
To have different perspective of understanding, shift focus from rote learning to critical thinking.	Knowledge obtained about critical thinking, understood various design thinking approaches.
<b>Academic Year:</b>	<b>Program driven by:</b>
2021-22	MIC driven Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
June	Out of the box thinking for problem solving
<b>Program Type:</b>	<b>Other:</b>
Leadership Talk	null
<b>Program Theme:</b>	<b>Other:</b>
Design Thinking & Critical Thinking	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
06/28/2022-06/28/2022-0	null
<b>Student Participants:</b>	<b>Faculty Participants:</b>



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21

14

**Expenditure Amount, If any:**

**Remark:**

null

null

### ATTACHMENTS

**Video:**

null

**Photograph1:**



**Photograph2:**

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**Session plan, If any:**

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