


KTU Sponsored 3 days online FDP on “IoT based Autonomous Robot Design”



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VIMAL JYOTHI
ENGINEERING COLLEGE
Affiliated to APJ Abdul Kalam Technological University @
Kerala University | Approved by AICTE
www.vimaljyothi.ac.in

NAAC
ACCREDITED

**THREE DAY FACULTY DEVELOPMENT
PROGRAMME ON
"IOT BASED AUTONOMOUS
ROBOT DESIGN"**

28th April to 30th April 2021

Sponsored by
**APJ Abdul Kalam
Technological University**

Organized by
**Department of Electronics &
Instrumentation Engineering**

ABOUT THE INSTITUTION

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. B.Tech. Programmes in Computer Science and Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering are accredited by the National Board of Accreditation (NBA). The institution is also accredited by NAAC and certified by ISO

ABOUT THE PROGRAMME

The course has a comprehensive curriculum aimed to provide knowledge, in both theoretical and practical aspects of Instrumentation, with an emphasis on practical learning.


Automation in industry has been geared up after the commencement of Industry 4.0. These fields contribute significantly on future AI based systems in Industry and Society. The level of autonomy is growing gradually with less intervention of human being in manufacturing. Since the next generation industries need engineers with an interdisciplinary attitude and experience to meet the future demands. This FDP is aimed to explore the potential areas and significance in the field of Industrial robotics and automation

ABOUT THE DEPARTMENT

Department of Electronics and Instrumentation Engineering was started in the year 2005. The department offers both PG & UG courses, B.Tech in Applied Electronics and Instrumentation started in the year 2005 and M.Tech in Control and Instrumentation in 2013. The course mainly concentrates on the application of electronics and instrumentation. The Department of Electronics and Instrumentation is deeply committed to provide high - quality undergraduate and postgraduate education.

WHO CAN ATTEND?

Faculty Members from Engineering Colleges (Affiliated to APJ Abdul Kalam Technological University) in Kerala.



**APJ Abdul Kalam Technological University
Thiruvananthapuram**

Abstract

Faculty Development Programme (FDP) for the academic Year 2020-21 - Selected - reg

ACADEMIC SECTION

U.O.No. 1660/2020/KTU

Thiruvananthapuram, Dated: 25.11.2020

Read -1. Notification dated 03/02/2020

2.U.O. No. 1500/2020/KTU dated 18.11.2020

ORDER

Proposals were invited for conducting Faculty Development Programme for the academic year 2020-21 from Institutions / professional bodies as per reference 1 cited above.

Vide reference 2, a Committee was constituted for scrutinizing the proposals. Considering the recommendations of the Committee, sanction is accorded by the Hon'ble Vice-Chancellor for conducting the Faculty Development Programme as detailed below (List attached).

The Institutions can conduct FDPs before August 2021. In the present scenario of Covid-19 pandemic, the Institutions can organize FDPs in online mode or in offline mode.

The Colleges shall engage the classes by the expert faculty listed in the proposal. There will be scrutiny regarding the conduct of FDPs by the APJAKTU authorities. The respective course coordinators are required to submit the report of the program as mentioned in the guidelines, after the completion of the program. They are also directed to submit original bills of all transactions made during the program including honorarium, TA, refreshments, reading materials, etc. attested by the Head of the Institution and statement of accounts audited by a Chartered accountant.

Encl:

1. List of FDP sanctioned for the academic year 2020-21
2. Budgetary provisions and instructions for conducting offline mode
3. Budgetary provisions and instructions for conducting online mode.

Sd/-

Dr. Bijukumar R *
Dean (Academic) in Charge

Copy to:-

1. The Principals concerned
2. The Finance Officer
3. VC/PVC/Registrar/Dean(Academics)/Dean(Research)

ELECTRONICS		
NAME OF THE HOST INSTITUTION	TITLE OF THE PROGRAMME	COORDINATORS
GOV. ENGINEERING COLLEGE KOZHIKODE	Pattern Analysis Applications in Machine Vision and Listening	Dr. Shajee Mohan B S, Assoc. Prof Dr. Abdurahman V, Asst. Prof
NSS COLLEGE OF ENGINEERING, PALAKKAD	Recent Advancements in Wireless Communication Technologies	Dr. Sumi M, Asst. Prof Ashok S Kumar, Asst. Prof
SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING, TVM	Research Perspectives of Machine Learning & deep Learning fo signal Processing Applications	Bindu V, Assoc. Prof Lakshmi V S, Asst. Prof
BS COLLEGE OF ENGINEERING, ASARAGOD	LoRaWAN and IoT Applications	Dr. Mary Reena K E, assoc. Prof Renil Sam Mathew, Asst. Prof
DI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY	Power Electronics for Electric Vehicles- Control and Challenges	Dr. Jeno Paul, Professor Deepa Sankar, Assoc. Prof
IMAL JYOTHI ENGINEERING COLLEGE, KANNUR	IoT Based Autonomous Robot Design	Shiru M M, Asst. Prof Dhanoj Mohan, Asst. Prof
MALJYOTHI COLLEGE OF ENGINEERING	Biomedical Instrumentation-Research Challenges	Dr. S N KUMAR, Asst. Prof, EEE Dr. GODWINRAJ, Asst. Prof. ECE
AJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY, DCHI	Artificial Intelligence and Machine Learning: Theory and Applications	Dr. Hari C V, Asst. Prof
MMINI COLLEGE OF ENGINEERING, MANKARA, LAKKAD	Computer Vision & Data Mining	Asha Arvind, Asst. Professor
HRDAYA COLLEGE OF ENGINEERING & TECHNOLOGY, TRISSUR	Deep Learning for Signal Processing- Basics to Implementation	Dr. Vishnu Rajan, Head, Dept. of ECE Binet Rose Devassy, Asst. Prof
ALIA SCHOOL OF ENGINEERING & TECHNOLGY, LAKKAD	Recent Trends in Artificial Intelligence and Machine Learning	Dr. V Balamurugan, Professor & HOD
STITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERS, PATTOM	Chaos in Biomedical Signal Processing	N Radhakrishnan Nair, Vice Principal, SNIT Adoor
R. BASELIOS CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, PEERMADE	Emerging trends and challenges in Low Power VLSI Design	Prof. Anu Mary Mathew, Dept. of ECE
AMEEN ENGINEERING COLLEGE, SHORANUR	Recent Trends in Utilization of Renewable Energy in Engineering Applications	Dr. K Geetha Varma, Princip & HOD

Participants Attendance Details

NAME	28-04-21	28-04-21	29-04-21	29-04-21	30-04-21	30-04-21
	FN	AN	FN	AN	FN	AN
JONAS LATHOR M M	P	P	P	P	P	P
Joshua Prasad	P	P	P	P	P	P
Joshua Anbal	P	P	P	P	P	P
JASANTH SURIYANARAN	P	P	P	P	P	P
Jincy Varghese	P	P	P	P	P	P
Jisha Mathew	P	P	P	P	P	P
Jasmina Mathew	P	P	P	P	P	P
JASU MATHEW	P	P	P	P	P	P
Jaya Krishnan	P	P	P	P	P	P
JASITHA M S	P	P	P	P	P	P
Jerry Mary Jacob	P	P	P	P	P	P
Jill S	P	P	P	P	P	P
JINI THOMAS	P	P	P	P	P	P
Jocely T	P	P	P	P	P	P
Divya P V	P	P	P	P	P	P
Dr. Anwarthi SU	P	P	P	P	P	P
Dr. Sneha P	P	P	P	P	P	P
Dr. V Sampath Kumar	P	P	P	P	P	P
Dr. Anita Srege Mathew	P	P	P	P	P	P
Dr. Arun M	P	P	P	P	P	P
Dr. JASZELA C K	P	P	P	P	P	P
Dr. Jolly Rajendran	P	P	P	P	P	P
Dr. Mary Reena K E	P	P	P	P	P	P
Dr. Eshan Devadhas	P	P	P	P	P	P
Dr. Lakshmi R Inair	P	P	P	P	P	P
Ellas James K	P	P	P	P	P	P
INDULA SUBASH	P	P	P	P	P	P
Isma S Azees	P	P	P	P	P	P
Jayesh T P	P	P	P	P	P	P
JINSA MATHEW	P	P	P	P	P	P
JOHN J PALAKKAPPILLY	P	P	P	P	P	P
Jollykutti Sebastian	P	P	P	P	P	P
JUSAMA MAMMOO	P	P	P	P	P	P
JUTHI JOSEPH	P	P	P	P	P	P
Manjusha T S	P	P	P	P	P	P
MEERA C	P	P	P	P	P	P
MINNU JAYAN C	P	P	P	P	P	P
MINU GEORGE	P	P	P	P	P	P
Minu Mathew	P	P	P	P	P	P
Mr. Vimal Kumar V	P	P	P	P	P	P
Mr. Vyath K V	P	P	P	P	P	P
Neeharj Garg	P	P	P	P	P	P
NEHA BEEGAM P E	P	P	P	P	P	P
NISHA THANKACHAN	P	P	P	P	P	P
RAJESH P	P	P	P	P	P	P
RAKHI GOPHARTH	P	P	P	P	P	P
RANGIT VARGHESE	P	P	P	P	P	P
RASHIDA HAMEED	P	P	P	P	P	P
Reema Mathew A	P	P	P	P	P	P
RESHMA K V	P	P	P	P	P	P
Ruzwana Akbar	P	P	P	P	P	P
Shifa C K	P	P	P	P	P	P
Shaji George	P	P	P	P	P	P

Rate the speaker's knowledge on the topic:

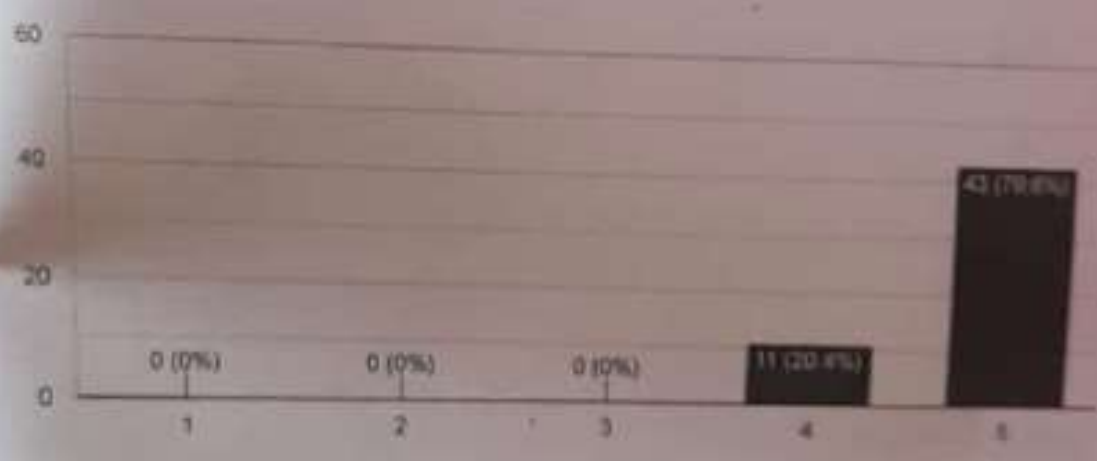
4 responses



- Excellent
- Good
- Fair
- Poor

How helpful was the topic for you?

4 responses



How do you rate the session in overall ?

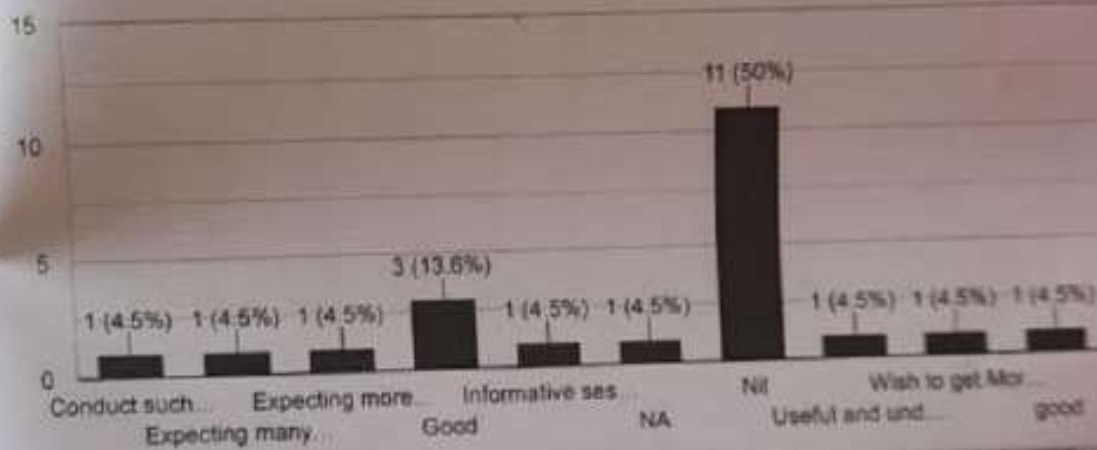
11 responses



- Excellent
- Good
- Average

Suggestions if any

22 responses



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