





**KTU Sponsored Three Days Online FDP on "Contemporary Breakthroughs in the Technologies of Industry 4.0"**

**VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI, KANNUR**

**KTU SPONSORED THREE DAYS ONLINE FACULTY DEVELOPMENT PROGRAM ON "CONTEMPORARY BREAKTHROUGHS IN THE TECHNOLOGIES OF INDUSTRY 4.0"**

**22 - 24, AUGUST 2022**

**ORGANIZED BY DEPARTMENT OF MECHANICAL 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. Further, VJEC is an ISO 9001:2015 certified Institution and also accredited by NAAC and NBA.

**About the Department:** The Mechanical Engineering Department was established in the year 2004. The Department offers students the opportunity to pursue an exceptional, high quality education. It has been recognized as Research Center to have interaction with KTU University, Kerala for collaborative research program which leads to Ph.D. degree by research. The Department has a distinguished faculty, dedicated staff and superb student body that effectively work together to fulfill the academic mission. The academic activities are supported by seven well equipped laboratories/research centers.

**About the Course:** The current FDP emphasis on the developments in the area of technologies related to industry 4.0 such as Additive Manufacturing, Automation & Robotics, along with an insight into nanotechnology, waste management, deep learning and cladding. Three days online FDP is sponsored by APJ Abdul Kalam Technological University, Kerala (Kerala Technological University).

Date	Time	Resource Person & Title of the Session
22, August 2022	09.00 AM – 11.00 AM	Dr. Sridharan P: Introduction to Industry 4.0 and Role of Robotics and Automation
22, August 2022	11.15 AM – 01.15 PM	Dr. K Mathiyazhagan: Key enablers & challenges for Industry 4.0 adoption in Indian Automobile Industries
22, August 2022	02.00 PM – 04.00 PM	Dr. G Sivakumar: Introduction to Additive Manufacturing and its Application in Medical Field
23, August 2022	09.00 AM – 11.00 AM	Dr. L. Prabu: Nanotechnology for Improved Manufacturing Effectiveness
23, August 2022	11.15 AM – 01.15 PM	Dr. Rajesh Ranganathan: Role of Additive Manufacturing in Efficient Supply Chain Management
23, August 2022	02.00 PM – 04.00 PM	Dr. Tijo D: Deposition of hard and wear resistant materials by Electro Discharge Coating (EDC) Tungsten Inert Gas (TIG) Cladding processes
24, August 2022	09.00 AM – 11.00 AM	Dr. Kiran M: E-waste: Threat or opportunity
24, August 2022	11.15 AM – 01.15 PM	Dr. Harikrishnan P M: Introduction to Computer Vision and Deep Learning
24, August 2022	02.00 PM – 04.00 PM	Dr. Arivazhagan Pugazhendhi: Applications of Additive Manufacturing in Ophthalmology

**Coordinators:**

Dr. Sreekanth M P, AP - ME,  
9092149215, sreekanth@vjec.ac.in  
Dr. Jithin E V, AP - ME,  
9447432567, jithin@vjec.ac.in

**Registration Link:**

<https://forms.gle/5Vb2BPYkxyXKMshMA>

Faculties from the AICTE approved institutions, People from Industry, and Research Scholars can attend the program. No Registration Fee. Take Printout of of Registration form, sign, scan and upload as PDF file using the above Google Form Link. E - Certificate will be issued after attending all the sessions.



## **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

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File Ref.No.KTU/ASST12(ACADEMIC)/3286/2022

### **APJ Abdul Kalam Technological University Thiruvananthapuram**

#### **Abstract**

Faculty Development Programme (FDP) for the academic Year 2022-23 - Selected - Reg

#### **ACADEMIC AUDIT**

U.O.No. 1545/2022/KTU

Thiruvananthapuram, Dated: 29.06.2022

*Read:-*Notification No: KTU/ACA1/1449/2022 dated 14/03/2022

#### **ORDER**

Proposals were invited for conducting Faculty Development Programmes for the academic year 2022-23 from the Institutions / professional bodies as per reference cited above, A total number of 393 applications were received,

The proposals were scrutinized by experts from respective disciplines and shortlisted 131 applications with a suggestion to approve, Hon'ble Vice-Chancellor has approved the suggestion and accorded sanction to conduct the Faculty Development Programme as per the List attached.

The following instructions are also issued for strict compliance:

1. All Institutions may conduct their FDPs before 30 April 2023 through offline mode.
2. The Colleges shall engage the technical sessions by the expert faculty listed in the proposal.
3. The course coordinators may submit the report of the program as mentioned in the guidelines with original bills of 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 for reimbursement.
4. Further guidelines and budgetary provisions for the conduct of FDPs are attached for compliance by the Institutions.

There will be scrutiny regarding the conduct of FDPs by the APJAKTU authorities.

The orders are issued accordingly.



99	Vimal Jyothi engineering College, Chemperi, Kannur	FDP on Contemporary Break throughs in the Technologies of Industry 4.0 (online)	1. Dr.Sreekanth MP(Asst. prof) 2. Dr. Sivaprasad PV Dept. of Mechanical Engineering Vimal Jyothi engineering College, Chemperi, Kannur	9092149215 sreekanth@vjec.ac.in 9447163865 sivaprasadpv@vjec.ac.in
100	Sree Chithra Thirunna College of Engineering, Pappanamcode, Thiruvananthapuram-695018	FDP on Industry 4.0: the future of productivity and growth in manufacturing supply chain	2. Dr. Anoop MS(Asst.Prof) Dept. of Mechanical Engineering Sree Chithra Thirunna College of Engineering, Pappanamcode, Thiruvananthapuram-695018	8714247239 7012097130
101	Universal Engineering College, Vallivattom Po, Irinjalekkuda-680123	Short term Training Program on Computational fluid dynamics using OpenFOAM	1. Mr. Prem Sankar R(Assoc. prof) Dept. of Mechanical Engineering Universal Engineering College, Vallivattom Po, Irinjalekkuda-680123	9895240452 premsankar@uec.ac.in
102	St.Joseph's College of Engineering and Technology, Palai	Advanced Optimisation Techniques	1. Dr. Nidhish Mathew Nidhiry (prof)ME 2.Mr. Abyson Scaria(asst.Prof)	9447227844 nidhish.nidhiry@sjcetpalai.ac.in 9493081076 abysonscaria@sjcetpalai.ac.in
103	Mar Basilio's Christian college of Engineering and Technology	FDP on Strategies for teaching Learning in the Context of NEP-2020	1. Prof. Elias Janson K (hod, ECE)	9946441645 7907956898 eliasjansonk@mcpeermade.com ec_hod@mcpeermade.com
104	Sree Chithra Thirunna College of Engineering Pappanamcode PO, TVM	Behavioral Dynamics and Ethics in Engineering and Technology	1. Dr.S H Anilkumar (Prof)ME 2. Mr. Baji K(asst. Prof)	0471 2490572, 9447340870 shakumar59@gmail.com 9496371078 bajimohit@gmail.com
105	NSS College of Engineering ,Palakkad	Research Innovations self Learning & Entrepreneurship	1. Dr. Bharati Raj i(Asst. Prof) 2. Dr.Keerthy M Simon(Asst. Prof)	9895896736 bharatirej3@gmail.com 9740122336 keerthymysimon@gmail.com
106	Jyothi Engineering College, Cheruthuruthy	FDP on Research Publication and Ethics intended for Research Scholars in Collaboration with IEEE	1.Dr. Jarin T (Assoc Prof& Head)EEE 2. Mr. Jithin, EEE	9626623332 jarint@jecc.ac.in 8547156438 jthinkjose@jecc.ac.in
107	Vidya Academy Of Science and Technology, Technical Campus, Kilimanoor	Research Methodology	Dr. Pravin Rose T (Hod)EEE	9745037329 pravin.rose@vidyatechmr.ac.in
108	Sree Buddha College of Engineering Pattoor	3 Day FDP on research Methodology, Scientific writing and Publication Ethics	1. Jaya Mary jacob (Asst. Prof) 2. Ms. Shaminamol GK (asst.Prof) Dept of Biotechnology and Biochemical	9562562754 jacob.jaya@gmail.com 9544016387 gishamina@gmail.com
109	Nehru College of Engineering and Research Centre, Pampady	Recent Trends of AI in Biomedical Engineering	1. Neethu M(Asst. Prof) Dept of Mechatronics	9497352601 neethudas1812@gmail.com
110	MES College of Engineering Kuttippuram, Malappuram	FDP on Modern trends in manufacturing process and control techniques in Renewable energy system	1. Rahumuthunza I (prof&Head) Dept of Mechanical Engineering	9496346820 pedmakumark@mesce.ac.in
111	St. Joseph's College of Engineering and Technology, Palai	Nano Materials : Developments Applications and future outlook	1. Dr.Rajesh Baby(Assoc. Prof&Dean) ME 2.Mr Anoopal S (Asst.Prof) ME	9447921482 deanresearch@sjcetpalai.ac.in 9846950247 anoopal@sjcetpalai.ac.in

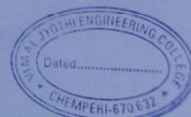
Name	Description	Institution/Sponsorship	Day 1 - Session 1 (Dr. Redman P)	Day 1 - Session 2 (Dr. S. Prasad)	Day 1 - Session 3 (Dr. S. Srinivasan)	Day 2 - Session 1 (Dr. S. Balakrishnan)	Day 2 - Session 2 (Dr. S. Natarajan)	Day 2 - Session 3 (Dr. S. Venkatesh)	Day 3 - Session 1 (Dr. S. Venkatesh)	Day 3 - Session 2 (Dr. S. Venkatesh)	Day 3 - Session 3 (Dr. S. Venkatesh)	Day 4 - Session 1 (Dr. S. Venkatesh)	Day 4 - Session 2 (Dr. S. Venkatesh)	Day 4 - Session 3 (Dr. S. Venkatesh)
AAR M	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
CHITRA PATTABATHI	Assistant Professor	SVIT College of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Aruna T	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Aruna P	Assistant Professor	SVIT College of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Sug Prabha	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Th. Vishal	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Umesh Das	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Dr. Vignayachandran	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Bhanu S	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Arvind R	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Anil Kumar P C	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Deepa K	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Dr. Manoj	Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Sandhya D S	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
Jagan Jagan	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
GORGANATHAN	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
A.P. SUDHAKAR	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P
LAKSHMI S. SULTI	ASSISTANT PROFESSOR	ANNA SCHOOL OF ENGINEERING AND TECHNOLOGY	P	P	P	P	P	P	P	P	P	P	P	P
Ramkumar A P	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
Chinnappa	Assistant professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
Shanmugam S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
SANJAY SANKARANARAYANAN	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
Arun S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
Dr. Shanmugam S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
Janak Jagan	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
ARUNALAKSHI P	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P
ARUNALAKSHI P	ASSISTANT PROFESSOR	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P
Ravi PV	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P
SW. P. SUDHAKAR	Assistant professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P
GANESH MURUGAN	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P
Subramanian A	ASSISTANT PROFESSOR	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P
Dr. Manoj Kumar	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P

Attendance

25/6/22

Dr. S. Srinivasan

25/6/22



Name	Description	Institution/Sponsorship	Day 1 - Session 1 (Dr. Redman P)	Day 1 - Session 2 (Dr. S. Prasad)	Day 1 - Session 3 (Dr. S. Srinivasan)	Day 2 - Session 1 (Dr. S. Balakrishnan)	Day 2 - Session 2 (Dr. S. Natarajan)	Day 2 - Session 3 (Dr. S. Venkatesh)	Day 3 - Session 1 (Dr. S. Venkatesh)	Day 3 - Session 2 (Dr. S. Venkatesh)	Day 3 - Session 3 (Dr. S. Venkatesh)	Day 4 - Session 1 (Dr. S. Venkatesh)	Day 4 - Session 2 (Dr. S. Venkatesh)	Day 4 - Session 3 (Dr. S. Venkatesh)	Remarks/Other	Any Other Suggestion
AAR M	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not registered for
CHITRA PATTABATHI	Assistant Professor	SVIT College of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Aruna T	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good participation and communication with professor through mail and WhatsApp are appreciated. Can't message by whatsapp
Aruna P	Assistant Professor	SVIT College of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Sug Prabha	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Th. Vishal	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Umesh Das	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Dr. Vignayachandran	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Bhanu S	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! He will have 100% attendance in future
Arvind R	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Anil Kumar P C	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
Deepa K	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
Dr. Manoj	Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
Sandhya D S	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
Jagan Jagan	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Not
GORGANATHAN	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
A.P. SUDHAKAR	Assistant Professor	Anna School of Engineering and Technology	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
LAKSHMI S. SULTI	ASSISTANT PROFESSOR	ANNA SCHOOL OF ENGINEERING AND TECHNOLOGY	P	P	P	P	P	P	P	P	P	P	P	P		Not
Ramkumar A P	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
Chinnappa	Assistant professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
Shanmugam S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
SANJAY SANKARANARAYANAN	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
Arun S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
Dr. Shanmugam S	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Not
Janak Jagan	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Good! A good attendance. Expecting more such attendance soon. Also EOP was submitted and well coordinated
ARUNALAKSHI P	Assistant Professor	VIT Vellore Engineering College	P	P	P	P	P	P	P	P	P	P	P	P		Good! very good
ARUNALAKSHI P	ASSISTANT PROFESSOR	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Very good attendance and there are with the teacher's class
Ravi PV	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Not
SW. P. SUDHAKAR	Assistant professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Not
GANESH MURUGAN	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Not
Subramanian A	ASSISTANT PROFESSOR	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Not
Dr. Manoj Kumar	Assistant Professor	VIT VIT VELLORE ENGINEERING COLLEGE	P	P	P	P	P	P	P	P	P	P	P	P		Good! He will have 100% attendance in future. Also EOP was submitted and well coordinated

Feedback

- consolidated



25/6/22

Dr. S. Srinivasan

25/6/22

