

**APJ Abdul Kalam Technological University  
Thiruvananthapuram**

**PROCEEDINGS**

Proposals of Faculty Development Programme-selected reg:

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*ACADEMIC SECTION*

PROCEEDINGS NO. KTU/AC1/3649/2017 Dated, Thiruvananthapuram, 06.12.2017

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Read:- 1:- Notification dated 26/10/2017.

2. Minutes of the Scrutiny committee meeting-FDP proposals reg:-

**ORDER**

Proposals were invited for conducting Faculty Development Programme from Institutions / Professional bodies / Training agencies as per ref 1 cited above.

A committee was constituted for scrutinizing the proposals. Considering the recommendations of the committee, sanction is accorded by Hon. Vice - Chancellor for conducting Faculty Development Programme as detailed below.

Sl.No	Name of the college	Department	Title of the Programme
1	Lourdes Matha College of Science and Technology	Management Studies	Financial Planning and Investment Solution
2	Ammini College of Engineering	Civil Engineering	Advancement in Concrete Technology
3	Vidya Academy of Science and Technology	Civil Engineering	Advance in Structural Engineering
4	Mar Baselios Institute of Technology and Science (MBITS)	Civil Engineering	Emerging Technologies in Infrastructure development
5	Sri Vellappally Natesan College of Engineering	Civil Engineering	Recent advances in Environmental pollution control and Management
6	Mar Baselios Christian College of Engg and Technology	Civil Engineering	Advanced Design of Structures
7	NSS College of Engineering	Civil Engineering	Emerging trends in building construction integrating



	Palakkad	Civil Engineering	Construction integrating architectural concepts
8	TKM College of Engineering Kollam	Computer Science	Research Initiative in Machine Learning with an insight into Deep Learning
9	TKM College of Engineering Kollam	Computer Science	Secure Android Application Development
10	College of Engineering Thalassery	Computer Science	Machine Learning
11	TKM College of Engineering, Kollam	Computer Science	Recent Trends in Biomedical and Satellite Image processing
12	Amal Jyothi College of Engineering	Computer Science	Capacity Development for Engineering Teachers
13	Model Engineering College, Ernakulam	Computer Science	An excursion to topics in algorithm design
14	ER&DCI Institute of technology ,Trivandrum	Computer Science	Security and Forensics in cyber space' Advances and future directions'
15	Mangalam College of Engineering	Electrical and Electronics	System Design Using MATLAB
16	NSS College of Engineering Palakkad	Electrical and Electronics	Emerging Technology in Green Energy System
17	Sree Narayana Gurukulam College of Engineering	Electrical and Electronics	Energy Conservation Management and Auditing
18	Vimal Jyothi Engineering College, Chemperi	Electrical and Electronics	Tropical Transcend in Smart Grid Technology
19	College of Engineering, Trivandrum	Electrical and Electronics	Recent Trends in Power Electronics and Drives
20	College of Engineering, Trivandrum	Electrical and Electronics	Hands on workshop on Internet of thing for Electrical Applications



21	NSS College of Engineering Palakkad	Electrical and Electronics	Power Converters And its Application in Microgrids
22	Mar Baselios College of Engineering and Technology	Electrical and Electronics	Internet of Things on Smart Grid
23	NSS College of Engg Palakkad	Electrical and Electronics	Role of Power converters in smart electric vehicles
24	Vimal Jyothi Engineering College	Electronics	Electronic Design Automation
25	MES College	Electronics	Mathematics for Communication and Signal Processing
26	TKM College of Engineering Kollam	Electronics	Research topics in Wireless Communication
27	Amal Jyothi College of Engineering	Electronics	Embedded systems and Internet of Things
28	Jyothi Engineering College	Electronics	Signal Processing and Embedded System Design using EDA Tools
29	TKM College of Engineering	Electronics	Mathematical tools for wireless communication
30	Rajagiri School of Engineering and Technology	Electronics	Signal processing, fundamentals to challenges
31	Toc H Institute of science and technology, Arakkunam, Ernakulam,	Electronics	Emerging Trends in Embedded systems
32	SaintGits College of Engineering	Interdisciplinary	Renewable Energy Conversion and Management
33	College of Engineering Trivandrum	Interdisciplinary	Design and Engineering



34	SaintGits College of Engineering	Interdisciplinary	Transformation in Engineering Education
35	Lourdes Matha College of Science and Technology	Interdisciplinary	Enhancing Soft skills for Effective Teaching
36	Rajagiri School of Engineering and Technology	Interdisciplinary	Design and Engineering
37	Amal Jyothi College of Engineering	Interdisciplinary	Instrumental Methods of Material Analysis
38	Adi Shankara Institute of Engineering and Technology, Kalady	Interdisciplinary	Emerging trends in Nano space and Nanotechnology
39	College of Engineering Kidangoor	Interdisciplinary	Induction training programme for young teachers
40	SCT College of Engineering Pappanamcode	Interdisciplinary	Research Methodology :A Step into World of Research
41	College of Architecture Trivandrum	Architecture	Climate Responsive Architecture
42	College of Architecture Trivandrum	Architecture	Trends in Design and construction of Architectural Facade
43	College of Engineering Thalassery	Mathematics	Emerging fields of Mathematics for Researchers
44	Sree Narayana Gurukulam College of Engineering	Mechanical	Supply chain modelling and Analysis
45	Vellapalli Natesan College of Engineering	Mechanical	Renewable Energy with Grid Integration
46	Government Engineering College, Idukki	Mechanical	Recent Advances in Nano Technology
47	Amal Jyothi College of	Mechanical	Symposium on Composites,



	Engineering, Kanjirappally	Mechanical	Design Synthesis and Analysis
48	Vidya Academy of Science and Technology	Mechanical	Recent trends in advanced materials
49	Mar Athanasius College of Engineering, Kothamangalam	Mechanical	Advances in Smart Material Applications
50	Universal Engineering College, Thrissur	Mechanical	Computational Fluid Dynamics (CFD) using open FOAM
51	MES College of Engineering	Mechanical	Design and Engineering – Hands on Training in FABLAB

The committee also recommended that colleges shall engage the classes by the expert faculty listed in the proposal.

After the completion of the programme the respective course coordinators are required to submit the report of the programme as mentioned in the Guidelines. They are also directed to submit original bills of all transactions made during the programme including honorarium, TA, refreshments, reading materials etc. attested by Head of Institution and statement of accounts audited by Chartered Accountant.

Orders are issued accordingly

*SD/-*

Dr. J. SREEKUMAR \*  
Dean (Academic)

To

1. The Principals of concerned colleges.
2. The Director (Finance) / AR (Finance)

Copy

- to
1. VC/ PVC/ Registrar/ Deans
  2. Accounts Section

\* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

