



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

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APJ Abdul Kalam Technological University Thiruvananthapuram

PROCEEDINGS

Proposals of Faculty Development Programme-selected reg:

ACADEMIC SECTION

PROCEEDINGS NO : Thiruvananthapuram, Dated: 16.04.2019
KTU/JD(ACADEMICS)/2223/2019

Read:- 1. Notification dated 12/12/2018.
2. Minutes of the Scrutiny committee meeting held on 02/04/2019

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.(List attached)

The 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 (with Spiral binding) made during the programme including honorarium, TA, refreshments, reading materials etc. attested by Head of Institution and statement of accounts audited by Chartered Accountant .

Sd/-

Dr. J. SREEKUMAR *
Dean (Academic)

To

1. The Principals concerned.
2. The Finance Officer

Copy

to 1. VC/ PVC/ Registrar/ Dean Academics/
Dean Research



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



List of Faculty Development Programmes selected for the
AY 2018-19

Sl.No	Name of the College	Department	Title of the Programme
1	College of Engineering Trivandrum	Mechanical	Advances in Fluid Flow and Heat Transfer
2	Sree Buddha College of Engineering	Mechanical	Advanced Materials Processing Technologies
3	Vidya Academy of Science & Technology	Mechanical	Recent Advances in Composite Materials
4	NSS College of Engineering, Palakkad	Mechanical	Recent Advances in Metal Casting and Joining Techniques
5	Rajagiri School of Engineering and Technology	Mechanical	Computational Methods in Engineering
6	St.Joseph's College of Engineering & Technology	Mechanical	Recent advances in fuel cells
7	Jawaharlal College of Engineering and Technology	Mechanical	Recent developments in aerospace and aviation
8	GEC Kozhikode	Mechanical	Advance Tools in Engineering Optimization
9	Amal Jyothi college of Engineering	Mechanical	Two wheeler technologies and trends
10	Rajiv Gandhi Institute of Technology	Mechanical	Energy managers & Energy auditors
11	Vimal Jyothi Engineering college	Mechanical	Emerging areas in nanomaterials and its application
12	Adi Shankara Institute of Engineering & Technology	Mechanical	Advanced combustion technologies
13	Universal Engineering college	Mechanical	Computational



			fluid Dynamics using openFOAM
14	Jyothi Engineering college	Mechanical	Renewable Energy sources: Conversion, storage and applications
15	Providence College of Engineering	Mechanical	Emerging fields in thermal engineering
16	Marian Engineering College	Mechanical	Emerging trends in IC Engine Combustion and Emissions
17	Musaliar college of Engg	Mechanical	Advancement in Materials and Manufacturing Engineering
18	Toc H Institute of Science and Technology	Mechanical	Advances in Bio-Engineering
19	Mar Beselious Christian College of Engg & Tech	Mechanical	Instructional methodologies for outcome based education in mechanical engineering
20	MES College of Engineering, Kuttipuram	Mechanical	Robotics, Automation and Hands on training on Arduino
21	Saintgits College of Engineering	Electronics & Communication	Future of Multiprocessor System: Network on chip
22	MES College of Engineering, Kuttipuram	Electronics & Communication	Research and Application Perspectives of Artificial Intelligence and Machine Learning
23	Vimal Jyothi Engineering College	Electronics & Communication	IOT Based Autonomous Robot Design
24	Sree Chitra Thirunal College of Engineering	Electronics & Communication	Emerging Trends and Future Applications of



			Micro electronics & MEMS
25	Adi Shankara Institute of Engineering & Technology	Electronics & Communication	Industry 4.0- Technological advances and implications
26	Rajadhani institute of Engineering & Technology	Electronics & Communication	Recent trends and innovations in Bio-Medical Engineering
27	College of Engineering Pathanapuram	Electronics & Communication	Emerging trends in optics and optical signal processing
28	Jyothi Engineering College	Electronics & Communication	Emerging trends in VLSI, Embedded systems and its application in Biomedical sector
29	College of Engineering, Perumon	Electronics & Communication	Security aspects in communication systems
30	Sahrdaya college of Engineering & Technology	Electronics & Communication	DSP and its applications
31	Mar Baselios College of Engineering and Technology	Electronics & Communication	Advances in Wireless Communication
32	Vimal Jyothi Engineering College	Electronics & Communication	Interactive learning modules for innovative pedagogy in circuits & electronics
33	College of Engineering, Attingal	Electronics & Communication	Introduction to Machine learning: A hands on workshop
34	ER&DCI Institute of Technology	Computer Science	An insight into the recent trends and challenges in cyber security
35	Mar Athanasius College of Engineering	Computer Science	Glide through cognitive computing



36	MES College of Engineering Kuttipuram	Computer Science	Recent trends in Artificial Intelligence and Machine Learning
37	College of Engineering Poonjar	Computer Science	A Road map to Blockchain Technologies
38	College of Engineering,Perumon	Computer Science	Computer Vision and ,Machine learning
39	Jyothi engineering College,Thrissur	Computer Science	Theory and Practice of Data Science
40	LBS College of Engineering,Kasaragod	Computer Science	Natural Science processing machine translation using deep learning
41	SCMS School of Engineering and Technology,Ernakulam	Computer Science	Information and Network Security Challenges
42	Vedavyasa Institute of Technology,Malappuram	Computer Science	The future of Big data Analytics using Machine learning Applications
43	College of Engineering,Attingal	Computer Science	Introduction to FOSS
44	Sreepathy Institute of Management and Technology ,Palakkad	Computer Science	Recent trends in Machine learning and Bioinformatics
45	GEC Barton Hill	Computer Science	Applications and challenges of cloud of Things
46	Adi Shankara Institute of Engineering and Technology	Computer Science	Recent Industry practices in Software Project Management and Testing
47	Federal Institute of science & Technology	Electrical & Electronics	Role of IoT in Smart Grid
48	Ahalia School of Engineering & Technology	Electrical & Electronics	Distributed Generation and Smart Grids
49	LBS College of Engineering	Electrical & Electronics	Grid Interactive Systems, Protection and Control
50	Nehru College of Engineering and Research Centre	Electrical & Electronics	Power quality issues in power Generation, Transmission and



			Distribution
51	MBC CET, Peerumade	Electrical & Electronics	Energy auditing and Management
52	College of Engineering, Trivandrum	Electrical & Electronics	System Identification and Parameter estimation
53	Vidya Acedemy of science & Technology	Electrical & Electronics	Recent trends in renewable and sustainable energy conversion systems
54	Rajagiri school of Engineering & Technology	Electrical & Electronics	Advances in Electric vehicle technology
55	Saintgits College of Engineering	Electrical & Electronics	Modern research strategies in condition Monitoring of power equipment
56	College of Engineering, Thalassery	Electrical & Electronics	Application of power electronics in renewable energy systems
57	Jawaharlal College of Engineering & Technology	Electrical & Electronics	Distributed Generation and smart grids
58	Viswajyothi College of Engineering & Technology	Electrical & Electronics	Advancements in drives, Instrumentation and control
59	LBS College of Engineering Kasargode	Electrical & Electronics	Grid Interactive System, Protection & Control
60	Toch Institute of Science and Technology	Civil Engineering	Emerging Trends in sustainable developments in transportation sector
61	Thejus Engineering College	Civil Engineering	Design of sustainable Infrastructures
62	Jawaharlal College of Engineering & Technology	Civil Engineering	Coastal Protective Measures and its importance in Kerala
63	Muthoot Institute of Technology and Science	Civil Engineering	Advanced training programme on Remote Sensing & GIS
64	Ahalia School of Engineering & Technology	Civil Engineering	Solid Waste Management



65	College of Engineering, Trivandrum	Civil Engineering	Planning and preparation for teaching
66	UKF College of engineering and Technology	Civil Engineering	Environmental Engineering and Management-current Gaps and Barriers
67	Jyothi Engineering College	Civil Engineering	Repair and rehabilitation of structures
68	LBS Institute of Technology for women	Civil Engineering	Advanced design of concrete structures
69	Providence college of Engineering	Civil Engineering	Sustainable Materials & Advanced concrete technology
70	Mar Baselios college of Engineering & Technology	Civil Engineering	Recent trends in Mechanical Characterization of Bituminous Binders and Mixtures
71	Sahrdaya College of Engineering	Civil Engineering	Structural Dynamics & Earth quake resistant design of structures
72	Rajadhani institute of Engineering & Technology	Civil Engineering	Geotechnics for transportation structures
73	Viswajyothi College of Engg & Technology	Civil Engineering	Geohazards and Disaster Mitigation
74	SCMS School of Engineering & Technology	Civil Engineering	Emerging Challenges in Sustainable Urban Development
75	CET School of Management	Management	Rural Marketing: Opportunities and Challenges
76	CET School of Management	Management	Advance Financial Modelling (AFM)
77	TKM College of Engineering	Architecture	Water Thoughts-A journey through water buildscape
78	MGM College of Engineering & Technology	Mathematics	Emerging trends and Novel



			applications of Nano science and technology
79	Ahalia School of Engineering and Technology	Mathematics	Statistical Data analysis and optimization techniques
80	Government Engineering College,Baton Hill	Interdisciplinary	Advances in Automotive Mechatronics
81	College of Engineering,Trivandrum	Interdisciplinary	Industrial Automation
82	Mohandas College of Engineering and Technology	Interdisciplinary	Bio-Engineering and Solid Waste Management
83	Viwsajyothi College of Engineering and Technology,Muvattupuzha,Ernakulam	Interdisciplinary	Tools, Techniques and models for scientific research
84	Sree Chitra Thirunal College of Engineering	Interdisciplinary	E-Mobility
85	Musaliar College of Engineering and Technology	Interdisciplinary	Design of Experiments and Recent Developments in Optimization Techniques
86	Federal Institute of Science and Technology(FISAT)	Interdisciplinary	Trainers training on Creative teaching and Makers workshop
87	Sree Budha College of Engineering Pattor,Nooranad,Alappuzha	Interdisciplinary	Innovative Design and Product Development
88	Sreepathy Institute of Management and Technology	Interdisciplinary	Responsible Engineering
89	NSS College of Engineering,Palakkad	Interdisciplinary	Empower Creative and innovative thinking in Engineers
90	Jyothi Engineering College	Interdisciplinary	Modern AICTE Curriculum based Engineering Education- Pedagogical issues and



			outcome based learning
91	Muthoot Institute of Technology and Science, Ernakulam	Interdisciplinary	Industry 4.0 Current Research Trends and challenges
92	GEC Kozhikode		Orientation for NSS Programme Officers
93	College of Engineering, Trivandrum		Orientation for NSS Programme Officers

Dr.J.Sreekumar

Dean (Academics)

