



# Jyothi Engineering College

NAAC Accredited College with NBT Accredited Programmes

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETRIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91-4884-239000; 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022, NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Sl. No	Name of Staff	Department	Name of Program	Dates and Duration	Resource Person	Subject of training/ course
1	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=7">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=7</a>	All Department	Empowering Through Team work	1/06/2015 - 7/06/2015	1) Dr. K. M Francis 2) Pro. James Manjooran 3) Aswathy Wilson 4) Dr. Krishnamoorthy 5) Dr. Balakrishnan 6) MR. Suresh Warriar 7) Dr. Jaya Prakash 8) Fr. Roy Josph Vadakkan 9) Fr. Jos Punnoliparambil	Empowering Through Team work. The faculty development program is mainly designed for JECC staff to understand why shaping our mind is important for creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence
2	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=16">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=16</a>	All Department	Empowering Through Team work	1/06/2015 - 7/06/2015	1) Dr. K. M Francis 2) Pro. James Manjooran 3) Aswathy Wilson 4) Dr. Krishnamoorthy 5) Dr. Balakrishnan 6) MR. Suresh Warriar 7) Dr. Jaya Prakash 8) Fr. Roy Josph Vadakkan 9) Fr. Jos Punnoliparambil	Empowering Through Team work. The faculty development program is mainly designed for JECC staff to understand why shaping our mind is important for creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence
3	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=25">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=25</a>	CSE	National Workshop on Python	31/7/2015-1/8/2015	Mr. Pankag Kumar G	Content of the workshop will cover the subject of the first year ktu syllabus. Will be handled by eminent faculty with industry experience and teaching experience
4	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=29">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=29</a>	All Department	IT tools for academic and research	19/11/2015-20/11/2015	Mr. Sreekanth	The program is beneficial for an organizational like educational institution which helps as the maintain a system for keeping all the academic related documents like marks, assignments details etc in common area.
5	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=34">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=34</a>	All Department	Water Quality	02/12/2015 - 02/12/2015	Prof. M G Cytac Prof. S Rathish	The program covered various theoretical aspects of water quality
6	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=39">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=39</a>	CSE	FDP on R programming	18/12/2015 - 18/12/2015	ICT Academy and MR. Sreekanth	The program is beneficial for a people in an educational institution which helps as to motivate students to do their project works in the area of database management
7	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=44">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=44</a>	All Department	FDP on Hadoop and R Programming	12/1/2016-13/1/2016	Dr. S P Syed Ibrahim and Thulasi Prasad	The course is designed as 40% theory and 60% practical. All the sections will be handled in lab
8	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=51">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=51</a>	All Department	Robotics and Industrial Automation	10/2/2016 - 11/2/2016	Dr. A P Sudheer Mr. P Suresh Mr. Jobin Varghese	To introduce the state-of-the-art techniques in automation and mechatronics to practicing engineering and academicians to enable them to take up challenging assignments in future.
9	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=56">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=56</a>	CSE, EC, EE, ME	FDP on Internet of Things	22/4/2016 - 23/4/2016	Akshai M	To provide hands-on section in the VLSI laboratory on the topics of microcontroller and simple interfacing examples and second raspberry pi with its application and examples
10	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=76">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=76</a>	All Department	FDP on Performance based work ethic	13/6/2016 - 19/6/2016	Akshai M	Introduce performance management system and a culture of setting, meeting, and exceeding goals.
11	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=84">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=84</a>	CE	Total station Survey Theory & Practice	6/9/2016 to 8/9/2016	Lorence and Mao(India) pvt ltd Dr. Anitha Jacob Dr. George K Varghese Dr. Anjaneyulu	The field of surveying as seamless advancement with help of innovative techniques and equipments
12	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=92">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=92</a>	All Department	How to write a research paper	10/11/2016 - 10/11/2016	Dr. Usha Menon Dr. V P Mohandas Dr. C K Raju	How to select a research area, Preparation of thesis paper and intellectual property rights
13	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=96">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=96</a>	All Department non tea	Personal Empowerment Programme	30/11/2016 - 2/12/2016	ICT Academy and MR. Sreejith	To motivate faculties and empowerment
14	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=106">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=106</a>	CSE	Machine learning.	7/12/2016 - 9/12/2016	Dr. Govindan V K Dr. K P Soman Mr. Vinith R	Fundamentals of machine learning neural networks parameter estimation techniques
15	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=109">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=109</a>	EEE, EC, ME, CSE	An overview of mathematics in Research	13/12/2016 - 14/12/2016	Ms. Renju Francis Ms. Sneha Sreeraj Mr. Rich K JMS, Viji E P Mr. Sivakumar K S Ms. Nivya Wilson	FDP was intended for faculty members of JECC as an encouragement for attending entrance examination and promoting the research activity in college
16	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=116">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=116</a>	ECE, CSE	Simulation using NS3	15/12/2016 - 16/12/2016	MR. Pradheep Kumar T S	To introduce the basic concepts of networking and familiarize with advanced network simulator NS3
17	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=125">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=125</a>	CE, ME	PRIMAVERA & STADD PRO V8I	10/1/2017 - 12/1/2017	Mr. Jinesh K KJ Ms. Nisni M Ashraff	The objective of this workshop and exposure to the professional and academicians about the basic concepts and practical knowledge of the most useful software in civil engineering
18	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=136">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=136</a>	All Department	Research Methodology	11/1/2017 - 15/1/2017	Dr. C K Raju Dr. Jibin george Dr. Sunitha S Dr. Anitha Jacob	The objective of the program is to give the participants a basic understanding of research methodology and their utility there by enhancing their potential to conduct their research activities
19	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=146">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=146</a>	CSE	Design thinking	30/1/2017 - 31/1/2017	Mr. Rohith Radhakrishnan	Introduction to design thinking process and tool inventory
20	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=154">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=154</a>	ME, CSE	FDP on Reverse Engineering	31/3/2017 - 1/04/2017	Dr. R RAMKRISHNAN Kyesha Techno Solutions	To give emphasis on the latest development of 3D scanning and 3D printing technologies used in industry
21	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=160">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=160</a>	All Department	An orientation program on student projects	20/07/2017 - 20/07/2017	Dr. Anitha Jacob Prof. Ratish S	The main objectives of the program is to improve the performance in the next academic year on all aspects of student projects
22	<a href="https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=167">https://jecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.pdf#page=167</a>	All Department	Orientation Program for new staff	22/09/2017 - 22/09/2017	Dr. Thomas Mathew Dr. Anitha Jacob Dr. K K Babu	To give the participants a basic understanding of the academic research and administrative policies of the college

23	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=176">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=176</a>	ECE, EEE	'Signal Processing & Embedded System Design Using EDA Tools'	19/12/2017 – 21/12/2017	Dr. P S Sathi Devi Mr. Muhammed Aslam MR. Jinesh K J	Lecture on introduction to signal processing- image processing speech processing hands on training on signal processing using matlab and simulink
24	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=179">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=179</a>	EEE	Power Electronics & Control System modules using LabView	17/1/2018 – 19/1/2018	Mr. Sadheesh Kumar Reddi	Introducing several hands on mutisim and labview
25	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=184">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=184</a>	All Department	Workshop on HPC	7/5/2018 – 11/5/2018	Fr. Dr. Jaison Pul mulerikal CDAC PUNE	Cluster resource manager and job scheduler case study of image processing
26	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=193">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=193</a>	CE	Practical Approach to Urban Transportation Planning using CUBE Software	20/5/2018 – 26/5/2018	Dr. M. V. L. R Anganelu Dr. Harkrishna MR. Ansuw MR. Hari G P	Practical Approach to Urban Transportation Planning using CUBE Software
27	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=202">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=202</a>	All Department	Introduction to research through research methodology and mathematics	05/07/2018 – 7/07/2018	Dr. Balagopalan M Mr. Shijoh VDr. Anitha JacobDr. Jarin TMs. Viji E P sviakumar K S Fr. John Thanvil	To give a basic understanding of the research methodology mathematics and their utility
28	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=207">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=207</a>	All Department	Pursuing excellence in Engineering Education(colleg)	09/07/2018 – 11/07/2018	Dr. Valson Thambhu er. Thomas Mathew Fr. Roy Joseph Vadakkan	Team building exercise, brief orientation note on SWOT analysis of jyothi and result improvement pursuing excellence in higher education
29	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=213">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=213</a>	All Department	Innovative Approach For Effective Implementation Of Student Project And Its Documentation	17/1/2019 – 21/1/2019	Fr. Dr. Jaison Paul Mularikkal	To inculcate basics of project implementation with due regard to formulation of projects objective and observation of its fulfillment
30	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=220">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=220</a>	CSE	Fdp On Theory And Practices Of Data Sciences	24/6/2019 – 28/6/2019	Dr. Vinith R Dr. Sandosh Kumar NandaMr. Manu Madhavan	Linear Algebra and its application in data science introduction to data science Machine learning methods and also visualize the scope of research in the field of data science
31	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=226">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=226</a>	All Department	Outcome based teaching and learning pedagogies in Engineering	1/7/2019 - 8/7/2019	Thomas Kakkasery Prof. Rathnan P Dr. Jarin T er. Thomas matew	Define the problem open your mind to consider many solution of ideas , identify the best solution and transform
32	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=237">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=237</a>	ECE,ME,CSE	Emerging trends in VLSI. Embedded systems and its application in Biomedical sector, Jyothi Engineering College	10/7/2019 – 12/7/2019	Dr. Kurian Alappat Dr. D Nirmal Dr. Yuvaraj V Mr. C Karunakaran Dr. Vinith R Mr. Jinesh K J	To provide an insight to the current research trends and future research opportunities in the field of VLSI, embedded system and bio medical technologies
33	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=243">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=243</a>	All Department	An orientation program on student projects	25/07/2019 – 25/07/2019	Mr. Cyriac M G Ms. Vinicy Varghese	Improve the quality of PG and UG student projects and improve the quality of project reports by latex
34	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=249">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=249</a>	CE,CSE	Orientation Program for new staff	03/08/2019 – 03/08/2019	Fr. Dr. Jaison Paul Mulerikkal er. Thomas Mathew Sr. Dr. Anitha Rose Prof. S. Ratish	A basic Understanding of the academic research and administrative policies of the college
35	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=270">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=270</a>	CE	Repair and Rehabilitation of Structures	2/12/2019 – 6/12/2019	Dr. N Ganesan Prof. M. Kumaran Prof. S. Ratish Er. M S Sudhakaran Er. M. Joseph Mr. Christy Jain Dr. Anil Joseph	Introduction to repair rehabilitation and vector of fitting of RCC structures
36	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=281">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=281</a>	All Department	FDP on Modern AICTE Curriculum Based Engineering Education - Pedagogical Issues and Outcome Based Learning	02/12/2019 – 6/12/2019	Dr. H S Guruprasad Dr. Manoj G Tharian Fr. Dr. Jaison Paul Mulerikkal Dr. Biju C V Dr. N.M.Jyothisaroopan	The need to enhance the teaching learning process of all faculty members to implement outcome based education
37	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=286">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=286</a>	ECE	AICTE Sponsored FDP on Wireless communication network and signal processing	04/12/2019 – 17/12/2019	Dr. Achudh Sangar S Nair Dr. Esakkirajan Dr. Elizabeth Elias Dr. Vinith R Dr. A V Babu Dr. Gandhiraj R	Wireless communication networks and signal processing are the inevitable area of communication engineering. The objective of the program is enhance the research and teaching capabilities of the participants in this area.
38	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=309">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=309</a>	ME, CSE	Faculty Development Programme (FDP) "Renewable Energy Sources: Conversion, Storage & Applications"	06/01/2020 – 10/01/2020	Dr. Saji Vazhapilly Dr. M. Mubharak Dr. S Kumaraswelu Dr. Deepan Raj V Mr. Sreenivas	importance of CFD applications in renewable energy, micro grid and distributed generators enlighten the participants about the advantages of distributed generators over the centralized power generation system.
39	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=315">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=315</a>	All Department	Guidelines for writing Research Proposals & Research Papers	10/01/2020 – 10/01/2020	Dr. Jacob Philip Fr. Dr. Jose Kannampuzha Fr. Dr. Jaison Paul Mulerikkal	Ethics in research guidelines/tips to write research papers and doctoral thesis and various opportunities in engineering science
40	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=329">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=329</a>	CE	3 Day Online STTP On State Of Art Practices On Transportation Engineering	10/6/2020 – 12/6/2020	Prof. S. Ratish MR. Vivek E M Er. Rajech N M Dr. A S Narasimha Murthy Dr. Sunil Vgsudhevan Er. Aamegh Gopinadh	Importance of transportation and infrastructure and how it was transformed the way we live
41	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=338">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=338</a>	All Department	Patent Drafting and importance of trademark and copyright	08/08/2020 – 08/08/2020	Dr. M Balagopalan Dr. Jose P Therattil	A basic understanding of patent drafting trademark and copyright
42	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=345">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=345</a>	ME	FDP ON RECENT TRENDS IN PRODUCT DEVELOPMENT,	10/8/2020 – 16/8/2020	Dr. Biju C V Dr. Arun Mathew Dr. V Sivaraman Mr. Joseph v A Mr. Shiju George Dr. Solomon Bobby Mr. C Karunakaran	The product development industry ever changing due to the nature of business. Innovation continues to pursue today's product development efforts and additive manufacturing is playing a larger role in this growth
43	<a href="https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=369">https://iecc.ac.in/documents/qaac/6.3.3_Professional_Development_Training_Programs.ppt#/page=369</a>	ME	5 days online FDP on Solar Energy - Technologies and Applications	21/09/2020 – 25/09/2020	Dr. K Sreenivas Reddy Dr. Rajasekaran Y Dr. Mohan Raj Dr. Sakthivel Dr. Arun K Raj Dr. N. Senthikumar	Conventional energy sources are depending day by day and thus gets reflected the increasing energy cost as well as various options for the use of alternative energy are being pursued vigorously