








**RESEARCH SUPERVISORS (under APJ Abdul Kalam Technological University)**

DEPARTMENT OF CIVIL ENGINEERING							
Faculty	Area of Specialization	Contact	Ph. D. Guidance				
			Name of Scholar	Title of Thesis	University	Date of Registration	Status
 <b>Dr. M Satyakumar</b>	<ul style="list-style-type: none"> <li>Pavement Engineering</li> <li>Transportation Planning</li> </ul>	<p><b>Mobile:</b> 9847223294</p> <p><b>Email:</b> satyan5262@yahoo.co.in</p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0001-8098-4764">https://orcid.org/0000-0001-8098-4764</a></p> <p><b>Details in website:</b> <a href="https://mbcet.ac.in/faculty/dr-satyakumar/">https://mbcet.ac.in/faculty/dr-satyakumar/</a></p>	Dr. Loui T R	Investigation on the use of Coir Geotextiles on reduction of pavement distress in asphalt Pavement overlays	University of Kerala	2011	Awarded in 2017
			Dr. Anil R	Study on developing tools and methods to support Advanced Traveller Information Systems in Indian cities		2010	Awarded in 2017
			Dr. Shaina Hashim	Mechanistic Empirical approach to design of fiber reinforced bituminous pavements		2011	Awarded in 2023
			Ms. Jisha B S	Evaluation and enhancement of safety on rural roads networks in Kerala	APJ Abdul Kalam Technological University	14.06.2018	Ongoing
			Ms. Ann George	Pavements-Investigation on effectiveness of incorporating hybrid concepts in permeable pavement system		10.06.2019	Ongoing


			Mr. Wilson K C	Study on moisture induced damage to bituminous mixes		10.06.2019	Ongoing
			Ms. Sabitha S Nair (Co-Supervisor)	Graph theory applications in mathematical modelling		2020	Ongoing
			Ms. Asha Davood	Optimum allocation of charging stations for electric vehicles in TVPM city		2021	Ongoing
	<ul style="list-style-type: none"> <li>• Pavement Material Characterization</li> <li>• Pavement Analysis and Design</li> <li>• Pavement Management System</li> </ul>	<p><b>Mobile:</b> 9567169399</p> <p><b>Email:</b> neethu.roy@mbcet.ac.in</p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0002-6051-2230">https://orcid.org/0000-0002-6051-2230</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-neethu-roy/">https://mbcet.ac.in/faculty/dr-neethu-roy/</a></p>	Mr. Sunil Kumar K	Economic models to optimize life cycle cost of toll-operated bituminous roads	APJ Abdul Kalam Technological University	22.06.2018	Ongoing
	<ul style="list-style-type: none"> <li>• Dynamic Soil-structure Interaction Studies</li> <li>• Earthquake Resistant Design of Structures</li> <li>• Wind Resistant Analysis and Design of Structures</li> <li>• Structural Vibrations</li> <li>• Structural Health Monitoring</li> <li>• Deep Foundations</li> </ul>	<p><b>Mobile:</b> 9847070349</p> <p><b>Email:</b> jisha.sv@mbcet.ac.in</p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0003-1536-0896">https://orcid.org/0000-0003-1536-0896</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-jisha-s-v/">https://mbcet.ac.in/faculty/dr-jisha-s-v/</a></p>	Mr. Sreeju Nair S B	Behavior of post-fire retrofitted RC beam-column joints	APJ Abdul Kalam Technological University	14.03.2023	Course work ongoing


**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Faculty	Area of Specialization	Contact	Name of Scholar	Title of Thesis	Ph. D. Guidance		
					University	Date of Registration	Status
 <p><b>Dr. Tessy Mathew</b></p>	<ul style="list-style-type: none"> <li>Machine Learning</li> <li>Data Science</li> <li>Cellular Automata</li> <li>Deep learning</li> </ul>	<p><b>Mobile:</b> 9447696899</p> <p><b>Email:</b> <a href="mailto:tessy.mathew@mbcet.ac.in">tessy.mathew@mbcet.ac.in</a></p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0001-9835-3100">https://orcid.org/0000-0001-9835-3100</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-tessy-mathew/">https://mbcet.ac.in/faculty/dr-tessy-mathew/</a></p>	Nil				
 <p><b>Dr. Jisha John</b></p>	<ul style="list-style-type: none"> <li>Image Processing</li> <li>Deep Learning</li> <li>Machine Learning</li> </ul>	<p><b>Mobile:</b> 9895493468</p> <p><b>Email:</b> <a href="mailto:jisha.john@mbcet.ac.in">jisha.john@mbcet.ac.in</a></p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0002-9506-6381">https://orcid.org/0000-0002-9506-6381</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-jisha-john/">https://mbcet.ac.in/faculty/dr-jisha-john/</a></p>	Ms. Poorna B R	Cell segmentation from histopathological images using deep learning techniques	APJ Abdul Kalam Technological University	15.11.2022	Ongoing
 <p><b>Dr. Jesna Mohan</b></p>	<ul style="list-style-type: none"> <li>Image Processing</li> <li>Video Processing</li> <li>Deep Learning</li> <li>Machine Learning</li> </ul>	<p><b>Mobile:</b> 9497467715</p> <p><b>Email:</b> <a href="mailto:jesna.mohan@mbcet.ac.in">jesna.mohan@mbcet.ac.in</a></p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0002-5801-5390">https://orcid.org/0000-0002-5801-5390</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/ms-jesna-mohan/">https://mbcet.ac.in/faculty/ms-jesna-mohan/</a></p>	Nil				

 <p><b>Dr. Shini Renjith</b></p>	<ul style="list-style-type: none"> <li>• Data Analytics</li> <li>• Machine Learning</li> <li>• Deep Learning</li> <li>• Information Retrieval – Recommender Systems</li> <li>• Natural Language Processing</li> </ul>	<p>Mobile: 9446846123</p> <p>Email: <a href="mailto:shini.renjith@mbcet.ac.in">shini.renjith@mbcet.ac.in</a></p> <p>ORCID: <a href="https://orcid.org/0000-0003-1088-0825">https://orcid.org/0000-0003-1088-0825</a></p> <p>Website: <a href="https://mbcet.ac.in/faculty/ms-shini-renjith/">https://mbcet.ac.in/faculty/ms-shini-renjith/</a></p>	<p>Nil</p>				
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



Faculty	Area of Specialization and Contact	Name of Scholar	Title of Thesis	Ph. D. Guidance		
				University	Date of Registration	Status
 <b>Dr. Jayakumari J</b>	<ul style="list-style-type: none"> <li>Wireless Communication Systems</li> <li>Signal Processing</li> </ul> <p>Mobile:9442408881                      Email: jayakumarij72@gmail.com                      ORCID: <a href="https://orcid.org/0000-0001-9500-7907">https://orcid.org/0000-0001-9500-7907</a>                      Website: <a href="https://mbcet.ac.in/faculty/dr-jayakumari-j/">https://mbcet.ac.in/faculty/dr-jayakumari-j/</a></p>	Dr. K S Angel Viji	A novel technique based on texture filtering for medical images	Noorul Islam Centre for Higher Education, Kumaracoil	June 2010	Degree awarded
		Dr. R S Ganesh	Channel estimation analysis in MIMO-OFDM based 4 G mobile networks		June 2010	Degree awarded
		Dr. A Anitha	A Novel approach for improving QOS in wireless LAN		June 2010	Degree awarded
		Dr. S Vinila Jinny	Effective use of data mining in intrusion detection		June 2010	Degree awarded
		Dr. JE Judith	Efficient hybrid distributed document clustering method for large datasets		June 2010	Degree awarded
		Dr. Dhanya R	An improved OFDM scrambler for 4G communication systems		June 2010	Degree awarded
		Dr. Sowmy	Wavelet transform based multi –carrier CDMA for 4 G wireless communication		June 2010	Degree awarded
		Dr. T K Sreeja	An efficient and compact antenna design for WiMAX 4G communication systems		June 2011	Degree awarded
		Dr. Shahin M Abdulla	Novel methods to improve blind and source separation of anechoic mixtures online using duet		July 2015	Degree awarded
		Dr. Chandra Kala K	Performance evaluation of OFDM based Digital Video broadcasting systems		July 2015	Degree awarded
Ms. A Femina Jalin	Text to speech processing in Tamil	July 2015	Ongoing			

		Ms. Syama Sasikumar (CERD fellowship)	Efficient resource allocation for carrier aggregation in cognitive radio networks	APJ Abdul Kalam Technological University	14.06.2018	Thesis submitted
		Ms. Revathy Sivanandan	Detection and classification of benign and malignant tumors from ultrasound images		14.06.2018	Thesis submitted
		Ms. Parvathy Prathap (CERD fellowship)	Enhancement of resolution and compression for partially occluded light field images		10.06.2019	Ongoing
		Ms. Lakshmi J L	Efficient FPGA Implementation of coding scheme for 5G NR		19.01.2021	Ongoing
		Mr. Shiras S N	Performance Enhancement in Intelligent Reflecting Surface-Aided Millimeter Wave Networks		18.11.2021	Ongoing
		Mr. Sherry Varghese George	Optimal resource allocation For 5G NR V2X communication		19.11.21	Ongoing
		Ms. Alin Mariam (CERD fellowship)	Cognitive radio networks		Jan 2023	Course work ongoing
 <p><b>Dr. Sreedevi P</b></p>	<ul style="list-style-type: none"> <li>• Wireless Communication Systems</li> <li>• Optical Communication</li> </ul> <p>Contact:  Mobile: 8547495382  e-mail: sreedevi.p@mbcet.ac.in  ORCID: 0000-0002-1712-4929  Website: <a href="https://mbcet.ac.in/faculty/ms-sreedevi-p/">https://mbcet.ac.in/faculty/ms-sreedevi-p/</a></p>	Nil				



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Faculty	Area of Specialization	Contact	Name of Scholar	Title of Thesis	Ph. D. Guidance		
					University	Date of Registration	Status
 <p><b>Dr. Nisha G K</b></p>	<ul style="list-style-type: none"> <li>• Hybrid Electric Vehicles</li> <li>• Power Electronics</li> <li>• Electrical Machines</li> <li>• Industrial Drives</li> </ul>	<p><b>Mobile:</b> 9495340629</p> <p><b>Email:</b> nisha.gk@mbcet.ac.in</p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0002-7798-906X">https://orcid.org/0000-0002-7798-906X</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-nisha-g-k/">https://mbcet.ac.in/faculty/dr-nisha-g-k/</a></p>	Ms. Sandhya P	Area of research: Electric Vehicles	APJ Abdul Kalam Technological University	13.11.2021	Ongoing
 <p><b>Dr. Shalu George K</b></p>	<ul style="list-style-type: none"> <li>• Control Systems</li> <li>• Soft Computing Techniques</li> <li>• Assistive Technology</li> </ul>	<p><b>Mobile:</b> 99475 39777</p> <p><b>Email:</b> shalu.george@mbcet.ac.in</p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0001-9399-438X">https://orcid.org/0000-0001-9399-438X</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/ms-shalu-george-k/">https://mbcet.ac.in/faculty/ms-shalu-george-k/</a></p>	Mr. Rejish Babu F R	Area of research: Micro Grid	APJ Abdul Kalam Technological University	16.11.2022	Ongoing

**DEPARTMENT OF MECHANICAL ENGINEERING**

Faculty	Area of Specialization	Contact	Name of Scholar	Title of Thesis	Ph. D. Guidance		
					University	Date of Registration	Status
 <b>Dr. K Muraleedharan Nair</b>	<ul style="list-style-type: none"> <li>• Flow induced oscillations</li> <li>• Computational Fluid Dynamics-LES</li> <li>• Experimental Fluid Mechanics</li> </ul>	<p><b>Mobile:</b> 9447216763</p> <p><b>Email:</b> <a href="mailto:muraleedharan.nair@mbcet.ac.in">muraleedharan.nair@mbcet.ac.in</a></p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/dr-k-muraleedharan-nair/">https://mbcet.ac.in/faculty/dr-k-muraleedharan-nair/</a></p> <p><b>ORCID:</b> <a href="https://orcid.org/my-orcid?orcid=0000-0002-0666-2668">https://orcid.org/my-orcid?orcid=0000-0002-0666-2668</a></p>	Nil	-	-		
 <b>Dr. Rajesh T N</b>	<ul style="list-style-type: none"> <li>• Reactive and Non-reactive Fluid Flow</li> <li>• Analysis of Thermal Systems</li> </ul>	<p><b>Mobile:</b> 9847367020/9074035201</p> <p><b>Email:</b> <a href="mailto:rajesh.tn@mbcet.ac.in">rajesh.tn@mbcet.ac.in</a></p> <p><b>ORCID:</b> <a href="https://orcid.org/0000-0002-3076-4330">https://orcid.org/0000-0002-3076-4330</a></p> <p>KTU-F4923</p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/mr-rajesh-t-n/">https://mbcet.ac.in/faculty/mr-rajesh-t-n/</a></p>	Nil				



 <p><b>Dr. Nidhi M B</b></p>	<ul style="list-style-type: none"> <li>• Industrial Engineering</li> <li>• Supply Chain Management</li> <li>• Sustainability</li> </ul>	<p><b>Mobile:</b> 9447205900</p> <p><b>email:</b> <a href="mailto:nidhi.mb@mbcet.ac.in">nidhi.mb@mbcet.ac.in</a>  <a href="mailto:nidhi.iste@gmail.com">nidhi.iste@gmail.com</a></p> <p><b>ORCID</b> <a href="https://orcid.org/0000-0002-3002-8835">https://orcid.org/0000-0002-3002-8835</a></p> <p><b>Google scholar</b>  <a href="https://scholar.google.co.in/citations?user=pxwH9yUAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=pxwH9yUAAAAJ&amp;hl=en</a></p> <p><b>Website:</b>  <a href="https://mbcet.ac.in/faculty/ms-nidhi-m-b/">https://mbcet.ac.in/faculty/ms-nidhi-m-b/</a></p>	<p><b>Nil</b></p>				
 <p><b>Dr. Vinod V</b></p>	<ul style="list-style-type: none"> <li>• Mechanical Vibrations and Control</li> <li>• Nonlinear Dynamics</li> </ul>	<p><b>Mobile:</b> 9447309288</p> <p><b>Email:</b> <a href="mailto:vinodv@mbcet.ac.in">vinodv@mbcet.ac.in</a></p> <p><b>ORCID:</b>  <a href="https://orcid.org/0000-0003-3897-3388">https://orcid.org/0000-0003-3897-3388</a></p> <p>KTU-F4731</p> <p><b>Website:</b>  <a href="https://mbcet.ac.in/faculty/dr-vinod-v/">https://mbcet.ac.in/faculty/dr-vinod-v/</a></p>	<p><b>Nil</b></p>				

 <p><b>Dr. Premchand V P</b></p>	<ul style="list-style-type: none"> <li>• Nonlinear Vibration Absorbers</li> <li>• Optimization</li> </ul>	<p><b>Mobile:</b> 9447711869</p> <p><b>Email:</b> premchand.vp@mbcet.ac.in</p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/mr-premchand-v-p/">https://mbcet.ac.in/faculty/mr-premchand-v-p/</a></p>	<p><b>Nil</b></p>				
 <p><b>Dr. Deepak G Dilip</b></p>	<ul style="list-style-type: none"> <li>• Micro and Nano Manufacturing</li> <li>• Non-Conventional machining</li> <li>• Smart Manufacturing</li> </ul>	<p><b>Mobile:</b> 7736388356</p> <p><b>Email:</b> deepakgd1@yahoo.co.in</p> <p><b>ORCID:</b> 0000-0002-3896-031X</p> <p><b>Website:</b> <a href="https://mbcet.ac.in/faculty/mr-deepak-g-dilip/">https://mbcet.ac.in/faculty/mr-deepak-g-dilip/</a></p> <p><b>Google scholar:</b> <a href="https://scholar.google.com/citations?user=8aCKbboAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=8aCKbboAAAAJ&amp;hl=en</a></p>	<p><b>Nil</b></p>				