

# MAR BASELIOS

## COLLEGE OF ENGINEERING AND TECHNOLOGY

MAR IVANIOS VIDYANAGAR, THIRUVANANTHAPURAM – 15

(Autonomous College affiliated to APJ Abdul Kalam Technological University)

### MBCETAA BEST PROJECT AWARDS 2026

<b>DEPARTMENT OF CIVIL ENGINEERING</b>		
<b>Name of Project</b>	<b>Group Members</b>	<b>Name of Guides</b>
GIS-based shoreline change prediction and coastal protection planning	Anagha R Nair Aswathy Krishna S Kailas Sankar P S Ujwal B Nehin	Dr. Jisha S V
Smart monitoring of water leaks in residential and commercial buildings	Nikhitha M S Diya R Malavika Gayathri Suresh S	Ms. Sangeetha Sajeev
Experimental and numerical study on composite steel tube columns	A R Akhilesh Adwaith G K Ashna Rachel Shine Namitha Kurup P S	Dr. Minu Ann Peter
Experimental investigation on the durability assessment of glass fiber reinforced polymer rebars, carbon fiber reinforced polymer rebars and steel rebar	Anusree Sharon B S S Sreehari Siindhav J Soorya R S	Dr. Anupama Krishna D
<b>DEPARTMENT OF COMPUTER SCIENCE &amp; ENGINEERING</b>		
Turbo Lane: An Adaptive RL-Based System for High-Speed Data Transfer	Adharsh Udayakumar G Gagan G Kurup Roshan George Joshi Sijo S	Mr. Shibu V S
Aqua Cleanse	Amith A R Dia Elizabeth Karthik Raj Abhinav Dev	Dr. Anne Dickson
Decentralised AI-enabled Blockchain - Based Academic and Professional Credential Verification and Recruitment Network	Edwin Jojie Varghese Tanmaya Pradeep Pavithra M Panicker Kiran Biju	Ms. Asha S
TaxMate: Tax File Automation and Personal Tax file Advisor	Akash A Akash P R Jyothsna P Nair Sruthin L J	Dr Tessy Mathew

<b>DEPARTMENT OF ELECTRICAL &amp; ELECTRONICS ENGINEERING</b>		
Advanced Dynamic Wireless Power Transfer Technology for Continuous EV Charging	Arafan Muhammed N Jaish J S Karthik K Karthik Satheeshan	Dr. Nisha G K, Ms. Sandhya P
Robotic Arm with Haptic Feedback Glove	Aathish R Viswam Amal S Mohammed Afroz A Nandana Krishna Vishnu B S	Mr. Midhun G, Ms. Shyju Susan Mathew
<b>DEPARTMENT OF ELECTRONICS &amp; COMMUNICATION ENGINEERING</b>		
Design and Integration of a 2048-Point Radix-2 <sup>2</sup> SDF FFT Hardware Accelerator as a Soft IP for RISC-V SoC Implementation	Abijith S S Jeffin I Patrick Abhijith R V George K John	Dr. Vineetha Mathai
Automatic book scanner	Daniel Jacob Chittoor Gouri M G Jaekob Chemparathimoottil John Manav Suresh Nithin S	Mr. Anoop K Johnson
<b>DEPARTMENT OF MECHANICAL ENGINEERING</b>		
Design and Full Automation of Ship to Shore (STS) Crane	Aaromal Santhosh S Abhijith R R Albin Raju	Dr. Vinod V, Dr. P S Prasanth
Experimental and Numerical Investigation of Bubble Formation in Effervescent injectors for throttling in rocket engines	Nitin Sreekesh Seby Toms Skaria Vinod	Dr. Arun M G, Dr. Muraleedharan Nair K.