

# MBCETAA BEST PROJECT AWARDS 2023

MBCETAA instituted the Best Project Awards for two projects from each department. Each of the Best Projects were awarded a certificate and a cash prize of Rs. 5000/-. The awards were distributed by His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos.

| <u>S. No</u> | <u>Names</u>                           | <u>Title of Project</u>  | <u>Guide</u>          | <u>Class</u> |
|--------------|--|--|-----------------------|--------------|
| 1            | ROHITH U NAIR                          | IMPLEMENTATION OF MULTIPURPOSE<br>RFID TAG   | Dr. SHERYL<br>ARULINI | EE1          |
|              | GREESHMA D G                           |  |                       |              |
|              | LADY MATTHEW<br>NINIAN                 |  |                       |              |
|              | JEENU L JOSE<br>ARYA A                 |  |                       |              |
| 2            | MAYOORIKA<br>VENU                      | INDUSTRIAL AUTOMATION AND<br>IMPLEMENTATION OF COCONUT<br>BREAKING SYSTEM                                  | Dr. NISHA G.K.        | EE2          |
|              | TOMIN J S                              |  |                       |              |
|              | VAISHNAV DEV B<br>VIVIN JOHN<br>THOMAS |  |                       |              |
|              |  |  |                       |              |
| 3            | AKUL LAL                               | FLEXIBLE SINGLE VALVE PSA OXYGEN<br>CONCENTRATORS FOR MEDICAL USE.   | Dr Nidhi M B          | ME1          |
|              | ANANTHAN A                             |  |                       |              |
|              | YETHIL A N                             |  |                       |              |
| 4            | ASWATHY MOHAN                          | THERMOPHYSICAL PROPERTY<br>ESTIMATION OF ANISOTROPIC<br>MATERIAL USING INVERSE HEAT<br>TRANSFER TECHNIQUE. | Mr. Abhiram R<br>Nair | ME2          |
|              | NITHIK SUDEESH                         |  |                       |              |
|              | SIVAN NAIR                             |  |                       |              |
|              | ARGHYA P S                             |  |                       |              |
| 5            | Aishwarya Nair S                       | Intelligent Speed Adaptation by Traffic Sign<br>Recognition and obstacle detection using Deep<br>Learning  | Mr. Arun J S          | EC1          |
|              | Amrutha S                              |  |                       |              |
|              | Anant Nair                             |  |                       |              |
|              | Ashwin K                               |  |                       |              |
| 6            | Amal Anilkumar                         | Development of Transit Signal Priority Module<br>with Integrated AI Assistant                              | Dr Jayakumari J       | EC2          |
|              | Raizan Arameu                          |  |                       |              |
|              | Danesh Meishan                         |  |                       |              |
|              | Josipha Sebastian<br>Nandan S          |  |                       |              |
| 7            | Deepak Mathews<br>Koshy                | Verivote - Smart Election System using<br>Blockchain   | Prof. Raju K<br>Gopal | CS1          |
|              | Kevin Jacob                            |  |                       |              |
|              | Sanna Pramod                           |  |                       |              |
| 8            | Jithin Aniyankunju                     | Classio - The Virtual Classroom  | Dr. Jesna Mohan       | CS2          |
|              | Jonan Mathew<br>George                 |  |                       |              |
|              | Sarang Sunil A                         |  |                       |              |
|              | Vaishnav Subhash                       |  |                       |              |

|    |                       |   |                           |     |
|----|-----------------------|---|---------------------------|-----|
| 9  | DEVIKA JOSE           | Wastewater Treatment Combined with CO2<br>Biofixation and Biofuel Production using<br>Indigenous Microalgae | Dr. JAYA S<br>PILLAI      | CE1 |
|    | FEBA ANN<br>VARUGHESE |   |                           |     |
|    | NAVAJITH SASI         |   |                           |     |
|    | PALLAVI<br>PREMJITH   |   |                           |     |
| 10 | CHIKKU ELSA<br>THOMAS | Electrocoagulation Process for Hospital<br>Wastewater Treatment   | Dr. ARCHANA<br>J SATHEESH | CE2 |
|    | NANDANA J             |   |                           |     |
|    | SUSAN TEJI            |   |                           |     |
|    | VAISHNAV J            |   |                           |     |