**Quality of completed projects/working prototypes:**

**Best projects awardees:**

**Best three Projects 2021-22 batch:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SI No** | **Title of the project** | **Guided** | **Name of the student** |
| **1** | Development of Novel Biometric Security System for Use During Covid-19 | Dr. Neelanjana Baruah | Dimbo PeguLeezdeep Dutta Chinmoy HazarikaBithika MahantaManthan Chettri |
| **2** | Mechanical Ventilator | Mrs Monisha Pathak | Arindam Hazarika Jnanashree TalukdarAnjelika KalitaPritam Kumar SinghDeepjyoti Gogoi |

**Best three Projects (2020-21) batch:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SI No** | **Title of the project** | **Guided** | **Name of the student** |
| **1** | Detection of Lung Cancer Using Machine Learning Algorithms | Dr.Ujjwal Manikya Nath | Isha Rani Das Biswajeet Roy Madhurjya Bora  |
| **2** | Image-based face detection and recognition using Matlab | Mr Arabindra Saikia | Anannya SaikiaPabitra SaikiaHirok Jyoti GogoiNeeraj Saikia |

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| **Mini projects (5th Semester) (2018-22)** |
| **SI No** | **Title of the Mini Project** | **Category** | **Name of the student** |
| 1 | RaspberryPi based plant watering system | Best in Hardware Category | Arindam Hazarika |
| 2 | Suduko Solver | Best in Software Category | Manthan Chetry |
| 3 | Road Safety System | Best in Cost Efficient Category | Dimbo Pegu |

**Best three Projects (2017-18)**

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| **SI No** | **Title of the project** | **Guided** | **Name of the student** |
| 1 | Wireless SCADA using Adruino for measuring parameters like level, flow etc.  | Mr. A. Saikia | 1.Prajnanabh Neog (02)2.Udipta Das (25)3.Tridip jyoti Borah (27) |
| 2 | Gas leakage detector using Adruino and GSM module with SMS alert. | Dr. N. Baruah  | 1.Satadal Sen (24)2.Pankaj Das (32/15)3.Shoubhan Jyoti Phukan (33/15) |
| 3 | Monitoring and control of methane gas and temperature in coal mines using fuzzy control action | Mrs. M. Pathak | 1.Syed Javed Niaz (01/14)2.Dipjyoti Deka (02/14)3.Bishal Sengyung (29) |

**Best three Projects (2016-17)**

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| **SI No** | **Title of the project** | **Guided** | **Name of the student** |
| 1 | Dual Axis Automatic Solar Panel Tracker | Mr. A. Saikia | 1. Arundhoti Bezbaruah, 2. Saurav Dey, 3. Rajesh Saha, 4. Deboleena Borah |
| 2 | Eye Ball Movement Controlled Wheel Chair | Mr. T Baruah  | 1. Pradyut Gupta,2. Jyotishman Das, 3. Bhargavi Boruah |
| 3 | Liquid Level Control of Coupled Tank Using PID Control Using Matlab | Mrs. M. Pathak | 1.Abhilash Bhattacharya, 2.Rituraj Boruah, 3.Debojit Sharma, 4.Satyajit Doley |

**Best three Projects (2015-16)**

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| **SI No.** | **Title of the project** | **Guide** | **Name of the student** |
| 1 | Automatic Wireless Railway Gate Control System | Mr. T Baruah | 1. Manash Pratim Hazarika,2. Angshum Pratim Das,3. Krishna Sharma |
| 2 | Industrial Security System Based on GSM Technology along with Safety Automation | Mrs. M Pathak | 1. Bhisal Barman, 2. Prachuryya Subash Das |
| 3 | Robotic Manipulator Control | Mrs. M Pathak | 1. Pallov Jyoti Sarma, 2. Niyanta Choudhury |

**Best three Projects (2014-15)**

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| --- | --- | --- | --- |
| **SI No.** | **Title of the project** | **Guide** | **Students** |
| 1 | RF Based Automated Green House System  | Dr. N. Baruah | 1. P. Patar, 2. K. Goswami, 3. D P Sarma |
| 2 | Wireless Water Level Monitoring with Portable Monitor  | Dr. N. Baruah | 1. Bhaskar Thausen, 2. Shantanu Gogoi,3. Kaustuv Gogoi |
| 3 | (a) Robotic Arm Simulation(b) Optimization of a Non-Linear Equation using Genetic Algorithms  | Dr. M. Buragohain | 1. Shraddha Jalan |