## Summer Internship Program With Stipend (Open For Internal/External Candidates) Organized by Startup Cell, NIT Arunachal Pradesh Sponsored by TEQIP III

|                     | <u> </u>                   | 1                        | 1                        | 1                                    |
|---------------------|----------------------------|--------------------------|--------------------------|--------------------------------------|
| Name                | Institute Name In Full     | Department               | Project Supervisor Name  | Title of The Project                 |
|                     |                            | Electronics and          |                          |                                      |
| Durlav Deka         | Assam Kaziranga University | Communication            | Dr Prases Kumar Mohanty  | T-Home                               |
|                     |                            | Electrical and           |                          | Mobile Robot Navigation using        |
| Utsab Banerjee      | Queen's University Belfast | Electronics Engineering  | Dr.Prases Kumar Mohanty  | Whale optimization algorithm         |
|                     |                            | Electronics and          |                          |                                      |
|                     | The Assam Kaziranga        | Communication            |                          | Path Planning of Mobile Robotics     |
| Bhaskar Jyoti Gogoi | University                 | Engineering              | Dr. Prases Kumar Mohanty | Using Braitenberg Algorithm          |
|                     | Galgotias College of       |                          |                          | Configuring Reversible Toffoli Gate  |
|                     | Engineering And            | Electronics and          |                          | using Pockels Effect of Ti:LiNbO3    |
| Saurav Sharma       | Technology                 | Communication            | Dr. Alak Majumder        | MZI                                  |
|                     |                            |                          |                          | STUDY AND ANALYSIS OF                |
|                     |                            |                          |                          | TRIBOLOGICAL                         |
|                     |                            |                          |                          | EXPERIMENTAL SETUP AND               |
|                     | Government College of      | M.E ENGINEERING          |                          | EXPERIMENTAL DESIGN                  |
| Nagarajan P         | Technology Coimbatore      | DESIGN                   | Dr. Shubhajit Das        | ANALYSIS                             |
|                     |                            |                          |                          | APPLICATION OF                       |
|                     | Bineswar Brahma            |                          |                          | COMBINATORICS IN                     |
| Subham Shekhar Roy  | Engineering College        | Civil engineering        | Dr. Karan Ratan Singh    | CRYPTOGRAPHY                         |
|                     |                            |                          |                          | APPLICATION OF                       |
|                     | Bineswar Brahma            |                          |                          | COMBINATORICS IN                     |
| Subham Shekhar Roy  | Engineering College        | Civil engineering        | Dr Karan Ratan Singh     | CRYPTOGRAPHY                         |
|                     |                            |                          |                          | Design of Tangible Three-Phase       |
|                     | Vins Christian College of  | Electrical & Electronics |                          | Output from SEIG using               |
| Hisham.A            | Engineering                | Engineering              | Dr. Rajen Pudur          | AC/DC/AC Converter                   |
|                     | Harcourt Butler Technical  |                          |                          | Locomotion of Drone Using PID        |
| Shujauddin          | University                 | Electronics Engineering  | Dr. Sahadev Roy          | Control.                             |
|                     | Bengal College of          |                          |                          |                                      |
|                     | Engineering And            | Electrical And           |                          |                                      |
| Aditya Roy          | Technology                 | Electronics Engineering  | Dr. Sahadev Roy          | Solar Agricultural Drone             |
|                     | M. J. P Rohillkhand        |                          |                          | Motion control of differential wheel |
| Shivangi Srivastava | University                 | Electrical engineering   | Dr. Prases Kumar Mohanty | Robot by using v-rep                 |
|                     | Girijananda Chowdhury      |                          |                          | Study of a Manufacturing Problem     |
|                     | Institute Of Management    |                          |                          | by a Statastical Approach Using      |
| Rupam Ghosh         | And Technology             | Mechanical Department    | Dr. Shubhajit Das        | Minitab                              |

|                   |                           |                          |                          | Plane Region Step Farming, Animal |
|-------------------|---------------------------|--------------------------|--------------------------|-----------------------------------|
|                   |                           |                          |                          | and Pest Attack Control Using     |
| Kaushal Mukherjee | The University of Burdwan | Department of Physics    | Dr. Sahadev Roy          | Internet of Things                |
|                   | Harcourt Butler Technical |                          |                          |                                   |
| Upagyya Dixit     | University Kanpur         | Electronics Engineering  | Dr. Sahadev Roy          | SECURITY SYSTEM FOR HOME:         |
|                   | National Institute of     |                          |                          |                                   |
|                   | Technology Arunachal      |                          |                          | Bukhari - A Automatic Room        |
| Bhiktor Mani Sen  | Pradesh                   | Mechanical               | Dr. Pinakeswar Mahanta   | Temperature Control System        |
|                   | Girijananda Chowdhury     |                          |                          |                                   |
|                   | Institute Of Management   |                          |                          | Renewable Technology: Solar       |
| Gaurav Sharma     | And Technology, Guwahati  | Mechanical Engineering   | Pinakeswar Mahanta       | Photovoltaic and Thermal Energy   |
|                   | National Institute of     |                          |                          | Prediction of Energy Usage in A   |
|                   | Technology Arunachal      |                          |                          | Building Using Artificial Neural  |
| Animesh Borah     | Pradesh                   | Mechanical Engineering   | Prof. Pinakeswar Mahanta | Network                           |
|                   | Bengal College of         | ELECTRICAL AND           |                          |                                   |
|                   | Engineering And           | ELECTRONICS              |                          |                                   |
| Amarjit Chowdhury | Technology                | ENGINEERING              | Saradindu Mandal         | Solar Agricultural Drone          |
|                   | Bengal College of         | Electrical & Electronics |                          |                                   |
| Subhadeep Pal     | Engineering & Technology  | Engineering              | Saradindu Mandal         | Solar Agricultural Drone          |
|                   | Bengal College of         | Electrical & Electronics |                          |                                   |
| Subhadeep Pal     | Engineering & Technology  | Engineering              | Saradindu Mandal         | Solar Agricultural Drone          |

Halul Y.

Dr. Sahadev Roy

Faculty-in-Charge, Startup Cell

NIT Arunachal Pradesh