



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: Vemu Institute of Technology [ARI-C-26857]

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

| Srno | Department / Center / Unit Name            | Type of Department / Center / Unit                               | Mention the Stream / Discipline / Sector of focus | Department / Center / Unit Level | Program Type  | Student / Beneficiary Strength (2019-20) | Academic Staff Strength (2019-20) | Non-academic Staff Strength (2019-20) |
|------|--|--|---|----------------------------------|---------------|--|-----------------------------------|---------------------------------------|
| 1    | Civil Engineering                          | Academic Department with lab facility                            | Civil Engineering                                 | UG / PG / PhD                    | Technical     | 206                                      | 17                                | 4                                     |
| 2    | Electrical and Electronics Engineering     | Academic Department with lab facility                            | Electrical and Electronics                        | UG / PG / PhD                    | Technical     | 293                                      | 21                                | 4                                     |
| 3    | Mechanical Engineering                     | Academic Department with lab facility                            | Mechaical Engineering                             | UG / PG / PhD                    | Technical     | 415                                      | 36                                | 7                                     |
| 4    | Electronics and Communication Engineering  | Academic Department with lab facility                            | Electronics and Communication                     | UG / PG / PhD                    | Technical     | 583                                      | 38                                | 6                                     |
| 5    | Computer Science and Engineering           | Academic Department with lab facility                            | Computer Science                                  | UG / PG / PhD                    | Technical     | 515                                      | 39                                | 7                                     |
| 6    | Master of Business Administration          | Academic Department with lab facility                            | Business Administration                           | UG / PG / PhD                    | Non-Technical | 209                                      | 21                                | 1                                     |
| 7    | Incubation Center                          | Incubation Unit  | Incubation  | UG / PG / PhD                    | Technical     | 121                                      | 1                                 | 1                                     |
| 8    | Pre incubation Center                      | Pre-incubation unit  | Pre Incubation                                    | UG / PG / PhD                    | Technical     | 110                                      | 1                                 | 1                                     |
| 9    | Industry Institute Interaction Cell (IIIC) | Industry Institute Interface Unit                                | Industry  | At all level                     | Technical     | 152                                      | 1                                 | 1                                     |
| 10   | IPR Cell                                   | IPR Cell / Patent Facilitation Unit / Technology Transfer Centre | IPRs and Patents                                  | UG / PG / PhD                    | Technical     | 116                                      | 1                                 | 1                                     |
| 11   | AP CM Skill Excellence Centre              | Centre of Excellence with Advance Tools & Equipment              | Center of Excellence with Advanced Tools          | UG / PG / PhD                    | Technical     | 1297                                     | 1                                 | 1                                     |
| 12   | Dassualts 3D Experience Centre             | Centre of Excellence with Advance Tools & Equipment              | Simulation and Modelling                          | UG / PG / PhD                    | Technical     | 564                                      | 1                                 | 1                                     |
| 13   | YMTS Innovation Center                     | Research Unit / Park   | IOT, Embedded Systems, Web Design, Mobile Apps    | UG / PG / PhD                    | Technical     | 826                                      | 6                                 | 1                                     |

**List all the departments / centers / units are part of innovation and startup ecosystem of the institute**

|    |   |   |                                       |               |           |     |    |   |
|----|---|---|---------------------------------------|---------------|-----------|-----|----|---|
| 14 | Transformer Manufacturing and Testing Lab | Industry Institute Interface Unit                   | Transformer Manufacturing and Testing | UG / PG / PhD | Technical | 91  | 5  | 1 |
| 15 | Industrial IOT Lab                        | Industry Institute Interface Unit                   | IOT                                   | UG / PG / PhD | Technical | 5   | 4  | 1 |
| 16 | E-Yantra Robotics Lab                     | Centre of Excellence with Advance Tools & Equipment | Robotics                              | UG / PG / PhD | Technical | 284 | 29 | 1 |
| 17 | Pawan Empower Solutions Lab               | Industry Institute Interface Unit                   | Embedded Systems                      | UG / PG / PhD | Technical | 8   | 2  | 1 |
| 18 | Entrepreneurship and Development Cell     | Pre-incubation unit                                 | Entrepreneurship Development          | At all level  | Technical | 733 | 8  | 1 |

**Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)**

| Programs/Initiatives   | Status | Registration ID                   |
|--|--------|-----------------------------------|
| Adopted National Innovation and Start-up Policy at the HEI   | Yes    | Not Required                      |
| Establishment of Institution's Innovation Council (IIC) at HEI   | YES    | IIC Registration ID : IC201810507 |
| Trained Innovation Ambassadors at HEI  | YES    | Not Required                      |
| Participation in Smart India Hackathon (SIH)   | No     | Not Required                      |
| Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC | Yes    | Not Required                      |
| Participation in National Education Alliance of Technology (NEAT)  | Yes    | Not Required                      |

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

| Srno | Name of Program (Full Name)           | Program Theme            | Program Type | Program Category      | Organizing Department / Centre / Student Body Name | Program Start Date  | Program End Date    | Program Duration (in Days) | Program Location | Internal Participants (Student) | Internal Participants (Faculty) | External Participants (Student) | External Participants (Faculty) | Total Number of Participants | Had institute spent expenses either from own resource/received fund to organise the program/activity/event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research? |
|------|---------------------------------------|--------------------------|--------------|-----------------------|--|---------------------|---------------------|----------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|
| 1    | Entrepreneurship Awareness Camp (EAC) | Entrepreneurship/Startup | Awareness    | Student Lead Activity | EDC  | 17-09-2019 00:00:00 | 19-09-2019 00:00:00 | 3                          | Within Campus    | 90                              | 10                              | 0                               | 0                               | 100                          | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20500                        | No   |

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

**No Data Filled!**

**Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

| Srno | Title of Course/Subject Offered        | Program Theme            | Type of Course    | Course Offering Department/Centre/Unit Name | Level of Course                  | Program Start Date | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours) |
|------|--|--------------------------|-------------------|---|----------------------------------|--------------------|------------------|---------------------------|------------------|-------------------------------|--|
| 1    | Design Thinking and product innovation | Innovation               | Full time Program | Bachelor                                    | MECHANICAL ENGINEERING           | 16-11-2020         | 09-01-2021       | 55                        | Online           | 92                            | 60   |
| 2    | Design Thinking                        | Entrepreneurship/Startup | Full time Program | Bachelor                                    | Computer Science and Engineering | 12-11-2020         | 19-01-2021       | 69                        | Offline          | 125                           | 63   |
| 3    | E-Business                             | Entrepreneurship/Startup | Full time Program | Master                                      | MBA                              | 05-12-2019         | 09-04-2020       | 127                       | Offline          | 120                           | 63   |
| 4    | Business Environment and Law           | Entrepreneurship/Startup | Full time Program | Master                                      | MBA                              | 09-07-2020         | 14-12-2020       | 159                       | Offline          | 112                           | 61   |

**Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

| Srno | Title of the Training Program                | Program Theme | Type of Course                          | Course Offering Department/Centre/Unit Name | Program Start Date | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours) |
|------|--|---------------|---|---|--------------------|------------------|---------------------------|------------------|-------------------------------|--|
| 1    | ROBO CAD WORKSHOP                            | Innovation    | Employment Generation Training Programs | ME  | 05-08-2019         | 10-08-2019       | 6                         | Offline          | 58                            | 30   |
| 2    | CNC PROGRAMMING WORKSHOP                     | Innovation    | Employment Generation Training Programs | ME  | 05-08-2019         | 10-08-2019       | 6                         | Offline          | 65                            | 30   |
| 3    | ROBO STUDIO Workshop                         | Innovation    | Employment Generation Training Programs | ME  | 19-08-2019         | 24-08-2019       | 6                         | Offline          | 62                            | 30   |
| 4    | REVIT ARCHITECTURE WORKSHOP                  | Innovation    | Employment Generation Training Programs | CE  | 09-12-2019         | 14-12-2019       | 6                         | Offline          | 28                            | 30   |
| 5    | AUTOCAD Workshop                             | Innovation    | Employment Generation Training Programs | CE AND ME                                   | 30-12-2019         | 04-01-2020       | 6                         | Offline          | 56                            | 30   |
| 6    | SIEMENS WORKSHOP ON PLC                      | Innovation    | Employment Generation Training Programs | EEE   | 27-01-2020         | 01-02-2020       | 6                         | Offline          | 56                            | 30   |
| 7    | SIEMENS WORKSHOP ON SOLID EDGE               | Innovation    | Employment Generation Training Programs | ME  | 27-01-2020         | 01-02-2020       | 6                         | Offline          | 45                            | 30   |
| 8    | SIEMENS WORKSHOP ON ROBOCAD                  | Innovation    | Employment Generation Training Programs | ME  | 27-01-2020         | 01-02-2020       | 6                         | Offline          | 55                            | 30   |
| 9    | DASSAULTS WORK SHOP ON 3D EXPERIENCE LEVEL A | Innovation    | Employment Generation Training Programs | ME  | 27-01-2020         | 01-02-2020       | 6                         | Offline          | 62                            | 30   |
| 10   | SIEMENS WORKSHOP ON APSSDC-PLC               | Innovation    | Employment Generation Training Programs | EEE   | 03-02-2020         | 08-02-2020       | 6                         | Offline          | 60                            | 30   |
| 11   | SIEMENS WORKSHOP ON SOLID EDGE               | Innovation    | Employment Generation Training Programs | ME  | 03-02-2020         | 08-02-2020       | 6                         | Offline          | 60                            | 30   |

|    |                                     |            |   |                   |            |            |     |         |     |    |
|----|-------------------------------------|------------|---|-------------------|------------|------------|-----|---------|-----|----|
| 12 | SIEMENS WORKSHOP ON ROBOCAD         | Innovation | Employment Generation Training Programs | ME                | 03-02-2020 | 08-02-2020 | 6   | Offline | 45  | 30 |
| 13 | SIEMENS WORKSHOP ON CNC PROGRAMMING | Innovation | Employment Generation Training Programs | ME                | 17-02-2020 | 22-02-2020 | 6   | Offline | 55  | 30 |
| 14 | DASSAULTS 3D EXPERIENCE (LEVEL 2)   | Innovation | Employment Generation Training Programs | ME                | 11-11-2019 | 21-02-2020 | 103 | Offline | 62  | 60 |
| 15 | DASSAULTS 3D EXPERIENCE (LEVEL 3)   | Innovation | Employment Generation Training Programs | ME                | 26-02-2020 | 17-03-2020 | 21  | Offline | 62  | 30 |
| 16 | Technical training                  | Innovation | Employment Generation Training Programs | CE ECE EEE CSE ME | 08-07-2019 | 13-07-2019 | 6   | Offline | 150 | 30 |
| 17 | TCS Company Specific Training       | Innovation | Employment Generation Training Programs | CE ECE CSE EEE ME | 15-07-2019 | 30-07-2019 | 16  | Offline | 120 | 45 |
| 18 | CTS Company Specific Training       | Innovation | Employment Generation Training Programs | CE ECE CSE EEE ME | 17-09-2019 | 21-09-2019 | 5   | Offline | 130 | 30 |
| 19 | WIPRO Elite talent hunt Training    | Innovation | Employment Generation Training Programs | CE EEE CSE ME EEE | 10-10-2019 | 16-10-2019 | 7   | Offline | 120 | 30 |
| 20 | INFOSYS Company Specific Training   | Innovation | Employment Generation Training Programs | CE ECE CSE EEE ME | 10-12-2019 | 17-12-2019 | 8   | Offline | 120 | 30 |

**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

**No Data Filled!**

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

| Srno | Name of Student Club     | Type of Club    | Year of Establishment | Type of Facilities Available at the Club | Student Club with Access to Other I&E Facilities at the HEI | No of Programs/Activities Organized by the Student Club During the AY 2019-20 | Student Club Team Lead Name | Student Club Team Lead Email     | Student Club Team Lead Phone |
|------|--------------------------|-----------------|-----------------------|--|---|---|-----------------------------|----------------------------------|------------------------------|
| 1    | Student innovation Club  | Innovation Club | 2019                  | 3D Printing                              | Centre of Excellence with Advance Tools                     | 2   | T. Bharath Kumar            | thandubharathkumar1234@gmail.com | 7989235254                   |
| 2    | YMTS Innovation Center   | Innovation Club | 2019                  | Work Stations                            | Innovation Labs   | 1   | G.NAVYASREE                 | goodelinavyasree9@gmail.com      | 8897393194                   |
| 3    | Institution startup club | Startup Club    | 2019                  | Co-working Space                         | Centre of Excellence with Advance Tools                     | 1   | Syed Mustaq                 | syedmustaq786@gmail.com          | 7013425496                   |

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

| Srno                    | Name of Pre-Incubation Centre | Type of Facility  | Year of Establishment | Type of Facilities Available at the Centre | Pre-Incubation with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional) | Facility Details  | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation on Development and implementation during the Financial Year 2019-20 | Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?              | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities? |                         |             |   |     |    |     |
|-------------------------|-------------------------------|-------------------|-----------------------|--|---|---|---|---|--|---|--|-------------------------|-------------|---|-----|----|-----|
| 1                       | EDC                           | EDC               | 2017                  | Work Stations                              | Centre of Excellence with Advance Tools                       | Centre of Excellence with Advance Tools   | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. S. Munirat hnam</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodece@vemu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98666212801</td> </tr> </table> | Facility Incharge Name  | Dr. S. Munirat hnam  | Facility Incharge Email   | hodece@vemu.org  | Facility Incharge Phone | 98666212801 | 2 | No  | No | No  |
| Facility Incharge Name  | Dr. S. Munirat hnam           |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Email | hodece@vemu.org               |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Phone | 98666212801                   |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| 2                       | Innovation Cell               | Innovation Centre | 2019                  | Co-working Space                           | Innovation Labs   | Innovation Labs   | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K V N V N Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmch@vemu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9493620976</td> </tr> </table>    | Facility Incharge Name  | Dr. K V N V N Rao  | Facility Incharge Email   | hodmch@vemu.org  | Facility Incharge Phone | 9493620976  | 5 | No  | No | No  |
| Facility Incharge Name  | Dr. K V N V N Rao             |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Email | hodmch@vemu.org               |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Phone | 9493620976                    |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| 3                       | Startup Cell                  | Startup Cell      | 2019                  | Work Stations                              | Innovation Labs   | Innovation Labs   | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sambiah</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmba@vemu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9703142654</td> </tr> </table>          | Facility Incharge Name  | Dr. Sambiah  | Facility Incharge Email   | hodmba@vemu.org  | Facility Incharge Phone | 9703142654  | 2 | No  | No | No  |
| Facility Incharge Name  | Dr. Sambiah                   |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Email | hodmba@vemu.org               |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Phone | 9703142654                    |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| 4                       | Dassault Systems Lab          | Design Centre     | 2017                  | 3D Printing & Prototype Equipment          | Incubation Unit   | Incubation Unit   | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>KVNN Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmch@vemu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9493620976</td> </tr> </table>             | Facility Incharge Name  | KVNN Rao   | Facility Incharge Email   | hodmch@vemu.org  | Facility Incharge Phone | 9493620976  | 9 | Yes | No | Yes |
| Facility Incharge Name  | KVNN Rao                      |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Email | hodmch@vemu.org               |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Facility Incharge Phone | 9493620976                    |                   |                       |  |   |   |   |   |  |   |  |                         |             |   |     |    |     |
| Source of Grant / Fund  |                               |                   |                       |  |   | Agency Name   |   | Agency Type   |  | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) |  |                         |             |   |     |    |     |
| Funding Agency          |                               |                   |                       |  |   | APSSDC  |   | Govt. Agency (State)  |  | 3600000   |  |                         |             |   |     |    |     |

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

| Srno                    | Name of CoE Facility            | Year of Establishment | CoE with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with CoE, if any (Optional) | Facility Details   | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20? | Had institute Generated Income either from Services Offered by CoE Centre/Facilities? | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities? |                         |             |   |     |    |     |
|-------------------------|---------------------------------|-----------------------|--|---|--|---|--|---|---|-------------------------|-------------|---|-----|----|-----|
| 1                       | DASSAULT SYSTEMS 3D EXPERIENCE  | 2018                  | Innovation Labs                                    | APSSDC  | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. KVVN N Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmech@ve mu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94936 20976</td> </tr> </table>     | Facility Incharge Name  | Dr. KVVN N Rao   | Facility Incharge Email   | hodmech@ve mu.org   | Facility Incharge Phone | 94936 20976 | 4 | Yes | No | Yes |
| Facility Incharge Name  | Dr. KVVN N Rao                  |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Email | hodmech@ve mu.org               |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Phone | 94936 20976                     |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Source of Grant / Fund  |                                 |                       | Agency Name  |   |  | Agency Type   |  | Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)            |   |                         |             |   |     |    |     |
| -                       |                                 |                       | -  |   |  | -   |  | 0   |   |                         |             |   |     |    |     |
| 2                       | AP CM'S SKILL EXCELLENCE CENTRE | 2018                  | Innovation Labs                                    | APSSDC  | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. KVVN N Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmech@ve mu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94936 20976</td> </tr> </table>     | Facility Incharge Name  | Dr. KVVN N Rao   | Facility Incharge Email   | hodmech@ve mu.org   | Facility Incharge Phone | 94936 20976 | 5 | Yes | No | Yes |
| Facility Incharge Name  | Dr. KVVN N Rao                  |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Email | hodmech@ve mu.org               |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Phone | 94936 20976                     |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Source of Grant / Fund  |                                 |                       | Agency Name  |   |  | Agency Type   |  | Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)            |   |                         |             |   |     |    |     |
| -                       |                                 |                       | -  |   |  | -   |  | 0   |   |                         |             |   |     |    |     |
| 3                       | PAVAN EMPOWER SOLUTIONS         | 2017                  | Innovation Labs                                    | Pavan Empower Solutions   | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Chandrasekhar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@ve mu.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94935 66577</td> </tr> </table> | Facility Incharge Name  | Dr. K. Chandrasekhar   | Facility Incharge Email   | hodee@ve mu.org   | Facility Incharge Phone | 94935 66577 | 2 | No  | No | No  |
| Facility Incharge Name  | Dr. K. Chandrasekhar            |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Email | hodee@ve mu.org                 |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |
| Facility Incharge Phone | 94935 66577                     |                       |  |   |  |   |  |   |   |                         |             |   |     |    |     |

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > i > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

No Data Filled!

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

No Data Filled!

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

No Data Filled!

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

| Srno | Name of the External Expert/Agency as Mentor | Mentor Expert Area                 | Type of Mentorship      |
|------|--|------------------------------------|-------------------------|
| 1    | Mr. Delli                                    | IPR Protection & Commercialization | Unstructured Mentorship |

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

| Srno | Name of the Innovation Generated with the Support of HEI | Type of Innovation | Nature of Innovation | Name of the HEI Supported Innovation Development | Innovation Developed by | Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20 | Stage of Innovation/ Stage of TRL reached as on 31st March 2020               | Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020 | Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20 | Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20 | Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20 | Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20 | Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019 |
|------|--|--------------------|----------------------|--|-------------------------|--|---|--|--|--|--|--|--|
| 1    | Design and fabrication of foundry sand sieve test rig.   | Product Innovation | Technological        | VEMUIT   | Student-Faculty         | TRL 3 : Applied research. First laboratory tests completed; proof of concept.            | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed   | No   | No   | No   | No   | No   |
|      |  |                    |                      | <b>Name</b>                                      |                         | <b>Type</b>  |   | <b>Gender</b>  |  | <b>Email</b>   |  | <b>Contact</b>   |  |
|      |  |                    |                      | B.Ganesh   |                         | Student  |   | Male   |  | bganesh827@gmail.com   |  | 9989608284   |  |

| Name                |  | Type               |               |        |                 |   |   |                                  | Gender |        |    | Email                         |                          | Contact    |            |
|---------------------|--|--------------------|---------------|--------|-----------------|---|---|----------------------------------|--------|--------|----|-------------------------------|--------------------------|------------|------------|
| G.Mujeeb rehman     |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | mujeebrehmang@gmail.com       |                          | 8074619947 |            |
| K.Bhaskar Reddy     |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | rbhaskar997@gmail.com         |                          | 9505222673 |            |
| K.L.Thejeswar Reddy |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | thejeshwarreddy98@gmail.com   |                          | 8466074298 |            |
| P.Jagadeesh         |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | jagadeeshpathapati8@gmail.com |                          | 8919350319 |            |
| 2                   | Design and Fabrication of road and floor eco friendly cleaning machine | Product Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No     | No     | No | No                            | No                       |            |            |
|                     | Name   |                    | Type          |        |                 |   |   |                                  |        | Gender |    |                               | Email                    |            | Contact    |
|                     | A.Jaydev   |                    | Student       |        |                 |   |   |                                  |        | Male   |    |                               | jaydevnaidu338@gmail.com |            | 7093076856 |
|                     | Name   |                    | Type          |        |                 |   |   |                                  |        | Gender |    |                               | Email                    |            | Contact    |
| SK.Gouse Rabbani    |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | goushaik025@gmail.com         |                          | 9703642538 |            |
| 3                   | Industrial Pick and Place robot rovor                                  | Product Innovation | Technological | VEMUIT | Student         | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No     | No     | No | No                            | No                       |            |            |
|                     | Name   |                    | Type          |        |                 |   |   |                                  |        | Gender |    |                               | Email                    |            | Contact    |
|                     | P.Mani   |                    | Student       |        |                 |   |   |                                  |        | Male   |    |                               | muralimani1000@gmail.com |            | 9701729725 |
|                     | Name   |                    | Type          |        |                 |   |   |                                  |        | Gender |    |                               | Email                    |            | Contact    |
| P.Lokesh            |  | Student            |               |        |                 |   |   |                                  | Male   |        |    | pandlalokeshnag@gmail.com     |                          | 9346640488 |            |



|                           |   |                    |               |        |         |   |   |                                  |    |            |    |    |    |
|---------------------------|---|--------------------|---------------|--------|---------|---|---|----------------------------------|----|------------|----|----|----|
| 4                         | Design, Development and Fabrication of 3D Printing Machine. | Product Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No         | No | No | No |
| Name                      |   | Type               |               |        | Gender  |   |   | Email                            |    | Contact    |    |    |    |
| K.Saikumar                |   | Student            |               |        | Male    |   |   | saik60240@gmail.com              |    | 9866789905 |    |    |    |
| Name                      |   | Type               |               |        | Gender  |   |   | Email                            |    | Contact    |    |    |    |
| K.Manikantan              |   | Student            |               |        | Male    |   |   | manikantandme1998@gmail.com      |    | 9640988114 |    |    |    |
| 5                         | Smart Vehicle for Road Safety                               | Product Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No         | No | No | No |
| Name                      |   | Type               |               |        | Gender  |   |   | Email                            |    | Contact    |    |    |    |
| SARAKINTI SAIPRATAP REDDY |   | Student            |               |        | Male    |   |   | saisarakinti@gmail.com           |    | 7337269789 |    |    |    |
| Name                      |   | Type               |               |        | Gender  |   |   | Email                            |    | Contact    |    |    |    |
| S HEMANTHRAJA             |   | Student            |               |        | Male    |   |   | rajahemanth1998@gmail.com        |    | 8919713757 |    |    |    |
| 6                         | WADORO Surveillance System                                  | Product Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No         | No | No | No |

| Name                | Type    | Gender | Email                 | Contact    |
|---------------------|---------|--------|-----------------------|------------|
| GORLAGUNTA LAYASREE | Student | Male   | layasree598@gmail.com | 8919383595 |

| Name     | Type    | Gender | Email                     | Contact    |
|----------|---------|--------|---------------------------|------------|
| A MAHESH | Student | Male   | agaramahesh0405@gmail.com | 9110785836 |

|   |  |                    |               |        |         |   |   |                                  |    |    |    |    |    |
|---|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| 7 | Women Security System based on Voice Recognition Alert Using IOT | Product Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|---|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name                  | Type    | Gender | Email                              | Contact    |
|-----------------------|---------|--------|------------------------------------|------------|
| KADAVAKALLU NAGESWARI | Student | Female | kadavakallunageswari6184@gmail.com | 8790846516 |

| Name            | Type    | Gender | Email                    | Contact    |
|-----------------|---------|--------|--------------------------|------------|
| BUDIGI POOJITHA | Student | Female | poojitha121298@gmail.com | 9652261504 |

|   |   |                    |               |        |         |   |   |                                  |    |    |    |    |    |
|---|---|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| 8 | WIRELESS HAND GESTURE ROBOT USING ARDUINO | Product Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|---|---|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name            | Type    | Gender | Email                     | Contact    |
|-----------------|---------|--------|---------------------------|------------|
| B J LASYA PRIYA | Student | Male   | lathalasyareddy@gmail.com | 9390257923 |

| Name          | Type    | Gender | Email                 | Contact    |
|---------------|---------|--------|-----------------------|------------|
| J MUNINITEESH | Student | Male   | munateesh16@gmail.com | 8179117177 |

|   |   |                    |               |        |         |   |   |                                  |    |    |    |    |    |
|---|---|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| 9 | Rain water harvesting by incorporating pervious concrete as surface cover | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|---|---|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name           | Type    | Gender | Email                       | Contact    |
|----------------|---------|--------|-----------------------------|------------|
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| Name      | Type    | Gender | Email                     | Contact    |
|-----------|---------|--------|---------------------------|------------|
| K Gowtham | Student | Male   | gowthamdeva1999@gmail.com | 9704205478 |

|    |  |                    |               |        |         |   |   |                                  |    |    |    |    |    |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| 10 | Experimental study on the use of green concrete technology as a sustainable alternative to traditional concrete construction | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name           | Type    | Gender | Email                             | Contact    |
|----------------|---------|--------|-----------------------------------|------------|
| L Naveen Kumar | Student | Male   | naveenkumarlankipalle15@gmail.com | 9490201553 |

| Name       | Type    | Gender | Email                      | Contact    |
|------------|---------|--------|----------------------------|------------|
| S Gowthami | Student | Male   | gowthamisoma1999@gmail.com | 9010842043 |

|    |  |                    |               |        |         |   |   |                                  |    |    |    |    |    |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| 11 | Detecting Plant Disease using Convolution Neural Network Algorithm | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
|---------------|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|------|----|----|
| G.NAVYASREE   |  | Student            |               | Female |         | goodelinavyasree9@gmail.com   |   | 8897393194                       |    |    |      |    |    |
| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
| M.THANOOZ     |  | Student            |               | Male   |         | Muthukuruthanooz555@gmail.com   |   | 8096330487                       |    |    |      |    |    |
| 12            | Facial Expression Recognition and Drowsiness Detection Using Deep Learning           | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No   | No | No |
| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
| TS POOJITHA   |  | Student            |               | Male   |         | poojitha5557@gmail.com  |   | 9603648199                       |    |    |      |    |    |
| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
| TD MONISH SAI |  | Student            |               | Male   |         | monishsai666@gmail.com  |   | 9866898607                       |    |    |      |    |    |
| 13            | Secure Transferring of Data and constrain Dissemination with Multi-owner using cloud | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | 5000 | No | No |
| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
| K.TEJASWINI   |  | Student            |               | Female |         | tejaswiniprathap@gmail.com  |   | 9347286254                       |    |    |      |    |    |
| Name          |  | Type               |               | Gender |         | Email   |   | Contact                          |    |    |      |    |    |
| G.PAVANI      |  | Student            |               | Female |         | pavanireddy9@gmail.com  |   | 8618457071                       |    |    |      |    |    |

|                 |  |                    |                |        |          |  |  |                                     |    |            |    |    |    |
|-----------------|--|--------------------|----------------|--------|----------|--|--|-------------------------------------|----|------------|----|----|----|
| 14              | Leaveraging Product Characteristics for online collusive detection in big data transactions        | Process Innovation | Technol ogical | VEMUIT | Stude nt | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | Innovati on Develop ment Complet ed | No | No         | No | No | No |
| Name            |  | Type               |                |        | Gender   |  |  | Email                               |    | Contact    |    |    |    |
| V.SRUTHI        |  | Student            |                |        | Female   |  |  | sruthivangavarugu@gmail.com         |    | 9381292720 |    |    |    |
| Name            |  | Type               |                |        | Gender   |  |  | Email                               |    | Contact    |    |    |    |
| S.VISHNU PRIYA  |  | Student            |                |        | Female   |  |  | svpriya99@gmail.com                 |    | 9440599768 |    |    |    |
| 15              | Authorized Equality test on identity based in cipher text with attribute hiding in cloud computing | Process Innovation | Technol ogical | VEMUIT | Stude nt | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | Innovati on Develop ment Complet ed | No | No         | No | No | No |
| Name            |  | Type               |                |        | Gender   |  |  | Email                               |    | Contact    |    |    |    |
| B.MOUNIKA       |  | Student            |                |        | Female   |  |  | Bollinenimounika99@gmail.com        |    | 8919859170 |    |    |    |
| Name            |  | Type               |                |        | Gender   |  |  | Email                               |    | Contact    |    |    |    |
| A.RESHMA PRASAD |  | Student            |                |        | Female   |  |  | reshmateju779@gmail.com             |    | 9908702656 |    |    |    |
| 16              | ADVANCED SOLAR TRACKER FOR SMART IRRIGATION  | Product Innovation | Technol ogical | VEMUIT | Stude nt | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept. | Innovati on Develop ment Complet ed | No | No         | No | No | No |

| Name    | Type    | Gender | Email                        | Contact    |
|---------|---------|--------|------------------------------|------------|
| D POOJA | Student | Female | devinenipooja.1999@gmail.com | 6281638132 |

| Name        | Type    | Gender | Email                    | Contact    |
|-------------|---------|--------|--------------------------|------------|
| P MAHESWARI | Student | Female | p.maheswari148@gmail.com | 8688701131 |

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|  |                    |                   |        |         |   |   |                                  |    |    |    |    |    |
|--|--------------------|-------------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| A Study on Stress Management in RMM Food Products at Gangasamudram | Process Innovation | Non-Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|--|--------------------|-------------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name     | Type    | Gender | Email                    | Contact    |
|----------|---------|--------|--------------------------|------------|
| A.ANITHA | Student | Female | anithayadab666@gamil.com | 8639856232 |

| Name          | Type    | Gender | Email           | Contact    |
|---------------|---------|--------|-----------------|------------|
| Dr.C.Sambaiah | Faculty | Male   | hodmba@vemu.org | 9703142654 |

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|   |                    |                   |        |         |   |   |                                  |    |    |    |    |    |
|---|--------------------|-------------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|
| A Study on Funds flow statement analysis in Dora Plastics Pvt.Ltd at Tirupati | Process Innovation | Non-Technological | vemuit | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No | No | No |
|---|--------------------|-------------------|--------|---------|---|---|----------------------------------|----|----|----|----|----|

| Name       | Type    | Gender | Email                    | Contact    |
|------------|---------|--------|--------------------------|------------|
| P.POOJITHA | Student | Female | rajendraforall@gmail.com | 9000028344 |

| Name             | Type    | Gender | Email           | Contact    |
|------------------|---------|--------|-----------------|------------|
| Dr.S.Asif Alisha | Faculty | Female | hodmba@vemu.org | 9885135688 |

|             |  |                    |               |        |               |   |   |                                  |    |    |                |    |    |
|-------------|--|--------------------|---------------|--------|---------------|---|---|----------------------------------|----|----|----------------|----|----|
| 19          | GOOGLE VOICE ASSISTANCE IOT BASED HOME AUTOMATION                                | Process Innovation | Technological | VEMUIT | Student       | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No             | No | No |
| <b>Name</b> |  | <b>Type</b>        |               |        | <b>Gender</b> |   |   | <b>Email</b>                     |    |    | <b>Contact</b> |    |    |
| E.BALU      |  | Student            |               |        | Male          |   |   | baluenamala209@gmail.com         |    |    | 6304576856     |    |    |
| <b>Name</b> |  | <b>Type</b>        |               |        | <b>Gender</b> |   |   | <b>Email</b>                     |    |    | <b>Contact</b> |    |    |
| K.SINDHU    |  | Student            |               |        | Female        |   |   | kondasanisindureddy@gmail.com    |    |    | 9849514210     |    |    |
| 20          | IOT Based Online Condition of Distribution Transformer Monitoring System         | Process Innovation | Technological | VEMUIT | Student       | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No             | No | No |
| <b>Name</b> |  | <b>Type</b>        |               |        | <b>Gender</b> |   |   | <b>Email</b>                     |    |    | <b>Contact</b> |    |    |
| K SREEDEVI  |  | Student            |               |        | Female        |   |   | sreejakuntamukkala@gmail.com     |    |    | 7330822785     |    |    |
| <b>Name</b> |  | <b>Type</b>        |               |        | <b>Gender</b> |   |   | <b>Email</b>                     |    |    | <b>Contact</b> |    |    |
| S HAREESH   |  | Student            |               |        | Male          |   |   | sreejakuntamukkala@gmail.com     |    |    | 8142698911     |    |    |
| 21          | Farmer Advisory Framework Targeting Precision Agriculture Applications Using UAV | Process Innovation | Technological | VEMUIT | Student       | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | No             | No | No |

| Name      | Type    | Gender | Email                    | Contact    |
|-----------|---------|--------|--------------------------|------------|
| P.SRAVANI | Student | Female | sravanipasam97@gmail.com | 9493336764 |

| Name   | Type    | Gender | Email                    | Contact    |
|--------|---------|--------|--------------------------|------------|
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|    |  |                    |               |        |         |   |   |                                  |    |    |                    |      |    |    |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|--------------------|------|----|----|
| 22 | App development for VEMUIT Aptitude Quiz | Process Innovation | Technological | VEMUIT | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | Grant Amount in Rs | 4425 | No | No |
|----|--|--------------------|---------------|--------|---------|---|---|----------------------------------|----|----|--------------------|------|----|----|

| Name                 | Type    | Gender | Email              | Contact    |
|----------------------|---------|--------|--------------------|------------|
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| Name     | Type    | Gender | Email                 | Contact    |
|----------|---------|--------|-----------------------|------------|
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|    |                      |                    |               |        |                 |   |   |                                  |    |    |                    |      |    |    |
|----|----------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|--------------------|------|----|----|
| 23 | VEMUIT Maths Cracker | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | Grant Amount in Rs | 4425 | No | No |
|----|----------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|--------------------|------|----|----|

| Name                        | Type    | Gender | Email              | Contact    |
|-----------------------------|---------|--------|--------------------|------------|
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| Name       | Type    | Gender | Email                | Contact    |
|------------|---------|--------|----------------------|------------|
| V.T.THAPAN | Student | Male   | vtthapan22@gmail.com | 9440714966 |



|               |                                      |                    |               |        |                 |   |   |                                  |            |    |                            |    |    |
|---------------|--------------------------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|------------|----|----------------------------|----|----|
| 24            | App development for VEMUIT Tech Mate | Process Innovation | Technological | VEMUIT | Student         | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No         | No | Grant Amount in Rs<br>4425 | No | No |
| Name          |                                      | Type               |               |        | Gender          |   | Email   |                                  | Contact    |    |                            |    |    |
| K Yuvaraj     |                                      | Student            |               |        | Male            |   | yuvaraju.k02@gmail.com  |                                  | 8886729524 |    |                            |    |    |
| Name          |                                      | Type               |               |        | Gender          |   | Email   |                                  | Contact    |    |                            |    |    |
| M.Thanooz     |                                      | Student            |               |        | Male            |   | muthukuruthanooz555@gmail.com   |                                  | 8096330487 |    |                            |    |    |
| 25            | VEMUIT Word Look Up                  | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No         | No | Grant Amount in Rs<br>4425 | No | No |
| Name          |                                      | Type               |               |        | Gender          |   | Email   |                                  | Contact    |    |                            |    |    |
| Mr. S Prathap |                                      | Faculty            |               |        | Male            |   | prathapforall@gmail.com   |                                  | 9963069750 |    |                            |    |    |
| Name          |                                      | Type               |               |        | Gender          |   | Email   |                                  | Contact    |    |                            |    |    |
| S.Sabeeha     |                                      | Student            |               |        | Female          |   | syedsabiha7893@gmail.com  |                                  | 8074271327 |    |                            |    |    |
| 26            | VEMUIT Placement Cracker             | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No         | No | Grant Amount in Rs<br>4425 | No | No |

| Name         | Type    | Gender | Email                 | Contact    |
|--------------|---------|--------|-----------------------|------------|
| Mr. B Ramesh | Faculty | Male   | ramesh.p574@gmail.com | 9573185161 |

| Name       | Type    | Gender | Email                | Contact    |
|------------|---------|--------|----------------------|------------|
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|    |                         |                    |               |        |                 |   |   |                                  |    |    |                            |    |    |
|----|-------------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|----------------------------|----|----|
| 27 | D- Calculate Your Steps | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | Grant Amount in Rs<br>4425 | No | No |
|----|-------------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|----------------------------|----|----|

| Name            | Type    | Gender | Email              | Contact    |
|-----------------|---------|--------|--------------------|------------|
| Mr. K Dhanamjay | Faculty | Male   | kdhanmjay@vemu.org | 8919451934 |

| Name       | Type    | Gender | Email                              | Contact    |
|------------|---------|--------|------------------------------------|------------|
| S.Sowjanya | Student | Female | sunchusowjanyachowdary66@gmail.com | 9502507059 |

|    |                    |                    |               |        |                 |   |   |                                  |    |    |                            |    |    |
|----|--------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|----------------------------|----|----|
| 28 | VEMU IT Quiz Panda | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No | Grant Amount in Rs<br>4425 | No | No |
|----|--------------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|----|----------------------------|----|----|

| Name            | Type    | Gender | Email              | Contact    |
|-----------------|---------|--------|--------------------|------------|
| Mr. K Dhanamjay | Faculty | Male   | kdhanmjay@vemu.org | 8919451934 |

| Name       | Type    | Gender | Email                 | Contact    |
|------------|---------|--------|-----------------------|------------|
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|                    |               |                    |               |        |                 |   |   |                                  |    |                        |      |    |            |
|--------------------|---------------|--------------------|---------------|--------|-----------------|---|---|----------------------------------|----|------------------------|------|----|------------|
| 29                 | Word Searcher | Process Innovation | Technological | VEMUIT | Student-Faculty | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Completed | No | No                     | 4425 | No | No         |
| Grant Amount in Rs |               |                    |               |        |                 |   |   |                                  |    |                        |      |    |            |
| Name               |               |                    |               |        | Type            |   |   | Gender                           |    | Email                  |      |    | Contact    |
| Mr. K Dhanamjay    |               |                    |               |        | Faculty         |   |   | Male                             |    | kdhanamjay@vemu.org    |      |    | 8919451934 |
| Name               |               |                    |               |        | Type            |   |   | Gender                           |    | Email                  |      |    | Contact    |
| E.Monisree         |               |                    |               |        | Student         |   |   | Female                           |    | monisree2903@gmail.com |      |    | 9030510776 |

**Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**

| Srno | Name of the Venture/Startup/SME Unit Established with the Support of HEI | Type of Innovation of Venture/Startup/SME Unit | Nature of Innovation | Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development | Venture Founded by | Venture Registered as | Year of Registration | What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020? | Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20? | Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20 | Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20 | Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20 | Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20 |
|------|--|--|----------------------|--|--------------------|-----------------------|----------------------|---|--|---|--|---|---|
|------|--|--|----------------------|--|--------------------|-----------------------|----------------------|---|--|---|--|---|---|

| 1           | CLIENTOC LARIFY PRIVATE LIMITED | Service Innovation | Techno logical | 32      | Student | Venture with MSME Registration No<br>U72909AP2020PTC115141<br>Venture with GST No | 2019-20 | Received Incubation Support from Incubation Unit | No | No         | No | No | Yes |
|-------------|---------------------------------|--------------------|----------------|---------|---------|---|---------|--|----|------------|----|----|-----|
| Name        |                                 | DIN number         |                | Type    |         | Gender  |         | Email  |    | Contact    |    |    |     |
| G YOUSUF    |                                 | 08812971           |                | Student |         | Male  |         | gmy436@gmail.com                                 |    | 9160280986 |    |    |     |
| Syed Mustaq |                                 | 08812971           |                | Student |         | Male  |         | syedmustaqk786@gmail.com                         |    | 7013425496 |    |    |     |

### Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

| Srno | Collaborated Agency Name           | Collaborated Agency Type | Purpose of Collaboration   | Type of Support Offered | No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership | Date of MOU / Agreement Signed on |
|------|------------------------------------|--------------------------|--|-------------------------|---|-----------------------------------|
| 1    | APPLY VOLT                         | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 4   | 30-12-2019                        |
| 2    | CODE TANTRA                        | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 12  | 19-10-2019                        |
| 3    | AKADEMIKA LAB SOLUTIONS            | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 4   | 04-09-2019                        |
| 4    | SNAM ALLOYS                        | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 1   | 01-07-2019                        |
| 5    | SS LAB EQUIPMENTS                  | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 2   | 26-03-2019                        |
| 6    | e-YANTRA                           | Non-Govt. Agencies       | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities  | Mentoring               | 5   | 14-03-2019                        |
| 7    | ANDHRA PARADESH INNOVATION SOCIETY | Govt. Agency (State)     | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Incubation              | 6   | 06-11-2019                        |
| 8    | AP CM'S SKILL EXCELLENCE CENTRE    | Govt. Agency (State)     | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Mentoring               | 60  | 21-08-2019                        |

### Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

|                        |
|------------------------|
| <b>No Data Filled!</b> |
|------------------------|

### Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

| Srno | Title/Name of Patent   | IP Registration Number | Date of Filed/Published (Year, Month) | Application Level | Copy of receipt / application screenshot [PDF or Image] |
|------|--|------------------------|---------------------------------------|-------------------|---|
| 1    | Electrical Tree Based HVAC Cable Insulation                                    | 201941029667           |                                       | 2020 - 10         | NA  |
| 2    | Design of progressive Tools  | 2020102626             |                                       | 2020 - 10         | NA  |
| 3    | Secure smart health care systems and analysis through wireless sensor networks | 2020102632             |                                       | 2020 - 10         | NA  |

|   |   |               |  |           |    |
|---|---|---------------|--|-----------|----|
| 4 | IoT enabled network for IoT devices to handle attack through deep learning approach | 2020102634    |  | 2020 - 10 | NA |
| 5 | IoT based counting and alert system for post pandemic safety                        | 202041029561  |  | 2020 - 07 | NA |
| 6 | Design And Fabrication Of Mist Spray Through Vaporization Cooling System            | 201941025861A |  | 2019 - 06 | NA |
| 7 | Design And Implementation Of Heat Exchange Equipment For Power Plant Application    | 201941025859A |  | 2019 - 06 | NA |
| 8 | Electrical Tree Based HVAC Cable Insulation   | 201941029667  |  | 2019 - 07 | NA |

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

To,  
The ARIIA Committee  
MHRD's Innovation Cell  
New Delhi

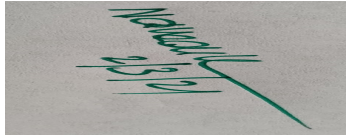
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Naveen Kilari (Head of Institute) and Dr. N.Sudhakar Reddy (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

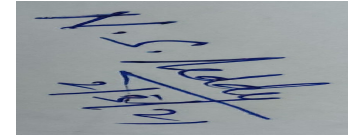
The Head of Institute



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Dr. Naveen Kilari  
Head of the Institution,  
Chittoor, Andhra Pradesh

Nodal officer



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Dr. N.Sudhakar Reddy  
Nodal Officer,  
Chittoor, Andhra Pradesh