



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: Methodist College of Engineering & Technology [ARI-C-26074]

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 | Innovations and Entrepreneur Development Cell | IPR Cell / Patent Facilitation Unit / Technology Transfer Centre | Multidisciplinary | At all level | Technical | 30 | 6 | 1 |
| 2 | Electrical and Electronics Engineering | Academic Department with lab facility | Academic Research | UG / PG / PhD | Technical | 210 | 13 | 3 |
| 3 | Electronics and Communication Engineering | Academic Department with lab facility | Academic Research | UG / PG / PhD | Technical | 455 | 19 | 5 |
| 4 | Computer Science and Engineering | Academic Department with lab facility | Academic Research | UG / PG / PhD | Technical | 433 | 18 | 8 |
| 5 | Civil Engineering | Academic Department with lab facility | Academic Research | UG / PG / PhD | Technical | 420 | 21 | 8 |
| 6 | Mechanical Engineering | Academic Department with lab facility | Academic Research | UG / PG / PhD | Technical | 456 | 23 | 6 |

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 : IC202115599 |
| Trained Innovation Ambassadors at HEI | NO | Not Required |
| Participation in Smart India Hackathon (SIH) | Yes | Not Required |
| Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC | No | Not Required |
| Participation in National Education Alliance of Technology (NEAT) | No | 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 | Program Theme | Program Type | Program Category | Organizing | Program Start | Program End Date | Program Duration(i) | Program Location | Internal Participa | Internal Participa | External Participa | External Participa | Total Number | Had institute spent expenses either from own | Did any of the participants received any awards/recognition |
|------|-----------------|---------------|--------------|------------------|------------|---------------|------------------|---------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------|--|---|
|------|-----------------|---------------|--------------|------------------|------------|---------------|------------------|---------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------|--|---|

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

| | (Full Name) | | | Department / Centre / Student Body Name | Date | | n Days) | | nts (Student) | nts (Faculty) | nts (Student) | nts (Faculty) | of Participants | resource/received fund to organise the program/activity/event? | for startup / innovation ideas / research? | | | | | | | |
|--|--|---|------------|---|---|---------------------|---------------------|---|---------------|---------------|---------------|---------------|-----------------|--|--|---|--|------------------|--|--|--|---------------------------|
| 1 | National level awareness program by MSME | IPR, Entrepreneurship/Startup, Innovation | Awareness | Institute Lead Activity | innovations and Entrepreneur Development Cell | 25-02-2020 00:00:00 | 25-02-2020 00:00:00 | 1 | Within Campus | 50 | 5 | 0 | 0 | 55 | No | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Patent Grant</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Sensor Operated Automatic Potition (S.O.A.P.) Dispenser</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table> | Award / Position / Recognition Secured | Patent Grant | Title of Innovation / Start-up Secured the Award / Recognition | Sensor Operated Automatic Potition (S.O.A.P.) Dispenser | Award/Recognition/Achievement Received for | Idea/Innovation/Prototype |
| Award / Position / Recognition Secured | Patent Grant | | | | | | | | | | | | | | | | | | | | | |
| Title of Innovation / Start-up Secured the Award / Recognition | Sensor Operated Automatic Potition (S.O.A.P.) Dispenser | | | | | | | | | | | | | | | | | | | | | |
| Award/Recognition/Achievement Received for | Idea/Innovation/Prototype | | | | | | | | | | | | | | | | | | | | | |
| 2 | IEEE-SB Re-launch | Entrepreneurship/Startup | Awareness | Institute Lead Activity | Electronics and Communication Engineering | 20-01-2020 00:00:00 | 20-01-2020 00:00:00 | 1 | Within Campus | 84 | 3 | 0 | 0 | 87 | No | No | | | | | | |
| 3 | Challenges & opportunities for product design | Innovation | Workshop | Institute Lead Activity | Electronics and Communication Engineering | 29-01-2020 00:00:00 | 30-01-2020 00:00:00 | 2 | Within Campus | 103 | 2 | 0 | 0 | 105 | No | No | | | | | | |
| 4 | Project Expo | Innovation | Exhibition | Student Lead Activity | Electrical and Electronics Engineering | 06-09-2019 00:00:00 | 06-09-2019 00:00:00 | 1 | Within Campus | 138 | 12 | 0 | 0 | 150 | No | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Innovation ideas</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>3D Projector, Generating coil with light, Thermal power plant model with disposed water bottles and caps, Wind plant from water bottles and papers, etc.</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table> | Award / Position / Recognition Secured | Innovation ideas | Title of Innovation / Start-up Secured the Award / Recognition | 3D Projector, Generating coil with light, Thermal power plant model with disposed water bottles and caps, Wind plant from water bottles and papers, etc. | Award/Recognition/Achievement Received for | Idea/Innovation/Prototype |
| Award / Position / Recognition Secured | Innovation ideas | | | | | | | | | | | | | | | | | | | | | |
| Title of Innovation / Start-up Secured the Award / Recognition | 3D Projector, Generating coil with light, Thermal power plant model with disposed water bottles and caps, Wind plant from water bottles and papers, etc. | | | | | | | | | | | | | | | | | | | | | |
| Award/Recognition/Achievement Received for | Idea/Innovation/Prototype | | | | | | | | | | | | | | | | | | | | | |
| 5 | Career Guidance | Entrepreneurship/Startup | Awareness | Institute Lead Activity | Computer Science Engineering | 24-08-2019 00:00:00 | 24-08-2019 00:00:00 | 1 | Within Campus | 70 | 2 | 0 | 0 | 72 | No | No | | | | | | |

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

| | | | | | | | | | | | | | | | | |
|---|--|--------------------------------------|-----------|-------------------------|------------------------|---------------------|---------------------|---|---------------|-----|---|---|---|-----|----|----|
| 6 | Entrepreneurship opportunities in welding technologies | Entrepreneurship/Startup, Innovation | Awareness | Institute Lead Activity | Mechanical Engineering | 22-08-2019 00:00:00 | 22-08-2019 00:00:00 | 1 | Within Campus | 122 | 3 | 0 | 0 | 125 | No | 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

| Srno | Name of Program (Full Name) | Program Theme | Program Type | Organizing Agency / Institute Name | Organizing Agency Type | Program Start Date | Program End Date | Program Duration(in Days) | Participants (Students) | Participants (Faculty) | Total Number of Participants | Awards/Recognitions/Achievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research |
|------|-----------------------------|---------------|--------------|---|------------------------|---------------------|---------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|--|---|
| 1 | Guest Lecture | IPR | Seminar | Indian Institute of Management and Commerce | Educational Institute | 16-09-2019 00:00:00 | 16-09-2019 00:00:00 | 1 | 60 | 5 | 65 | No | --- | --- | No | No |

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 | Entrepreneurship | Entrepreneurship/Startup | Full time Program | Bachelor | Civil Engineering | 08-07-2019 | 09-11-2019 | 125 | Offline | 39 | 54 |
| 2 | Entrepreneurship | Entrepreneurship/Startup | Full time Program | Bachelor | Computer Science Engineering | 08-07-2019 | 09-11-2019 | 125 | Offline | 91 | 54 |
| 3 | Entrepreneurship | Entrepreneurship/Startup | Full time Program | Bachelor | Electronics and Communication Engineering | 08-07-2019 | 09-11-2019 | 125 | Offline | 70 | 54 |

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 | Not Applicable Skip | IPR | MDP in I&E / IPR | NA | 01-12-2020 | 04-12-2020 | 4 | Online | 1 | 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 | Entrepreneurs Club | Idea Club | 2019 | Co-working Space, Work Stations | Pre-Incubation Unit, IPR Cell/Technology Transfer Centre | 6 | Ms. Pavani Gandreti | pavanig5555@gmail.com | 8106070585 |

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 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 | Innovations and Entrepreneur Development Cell | IEDC | 2018 | Co-working Space, Work Stations | IPR Cell/Technology Transfer Centre | IPR Cell/Technology Transfer Centre | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Raghu Chandra Garimella</td> </tr> <tr> <td>Facility Incharge Email</td> <td>iedc@methodist.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9290796716</td> </tr> </table> | Facility Incharge Name | Dr. Raghu Chandra Garimella | Facility Incharge Email | iedc@methodist.edu.in | Facility Incharge Phone | 9290796716 | 1 | Yes | No | Yes |
| Facility Incharge Name | Dr. Raghu Chandra Garimella | | | | | | | | | | | | | | | | |
| Facility Incharge Email | iedc@methodist.edu.in | | | | | | | | | | | | | | | | |
| Facility Incharge Phone | 9290796716 | | | | | | | | | | | | | | | | |
| Source of Grant / Fund | | | Agency Name | | | Agency Type | | | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) | | | | | | | | |
| Institute's Own Fund / Resource | | | Methodist Educational Society | | | Not-Govt. Agencies | | | 0 | | | | | | | | |

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? |
|------|----------------------|-----------------------|--|---|------------------|---|--|---|---|
|------|----------------------|-----------------------|--|---|------------------|---|--|---|---|

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

| | | | | | | | | | | | | | | | |
|-------------------------|--------------------------|-------------|-------------------------------------|--|--|------------------------|--|-------------------------|--------------------------|-------------------------|------------|---|----|----|-----|
| 1 | DELL -EMC | 2019 | IPR Cell/Technology Transfer Centre | | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Lavanya P</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodcse@met.hodist.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8985042735</td> </tr> </table> | Facility Incharge Name | Dr.Lavanya P | Facility Incharge Email | hodcse@met.hodist.edu.in | Facility Incharge Phone | 8985042735 | 9 | No | No | Yes |
| Facility Incharge Name | Dr.Lavanya P | | | | | | | | | | | | | | |
| Facility Incharge Email | hodcse@met.hodist.edu.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 8985042735 | | | | | | | | | | | | | | |
| Source of Grant / Fund | | Agency Name | | | Agency Type | | Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees) | | | | | | | | |

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

| Srno | Name of Incubation Facility | Year of Establishment | Incubation with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with Incubation Unit, if any (Optional) | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the Incubation Facility 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 Incubation Centre/Facilities? | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities? | | | | | | |
|-------------------------|---------------------------------------|-----------------------|---|---|--|---|--|--|--|-------------------------|------------|---|----|----|----|
| 1 | Osmania Technology Business Incubator | 2019 | Pre-Incubation,IPR Cell/Technology Transfer Centre | OU-IDEA LABS, MHRD Under RUSA 2.0 | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Chelmala Srinivasulu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director.tbi@osmania.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9849411224</td> </tr> </table> | Facility Incharge Name | Dr. Chelmala Srinivasulu | Facility Incharge Email | director.tbi@osmania.ac.in | Facility Incharge Phone | 9849411224 | 3 | No | No | No |
| Facility Incharge Name | Dr. Chelmala Srinivasulu | | | | | | | | | | | | | | |
| Facility Incharge Email | director.tbi@osmania.ac.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 9849411224 | | | | | | | | | | | | | | |

Section 3 > ii > 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

| Srno | Name of IPR Cell/Technology Transfer Centre Facility | Year of Establishment | IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional) | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the IPR Cell/Technology Transfer Centre 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 IPR Cell/Technology Transfer Centre? | Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20? |
|------|--|-----------------------|--|---|------------------|---|--|---|---|
|------|--|-----------------------|--|---|------------------|---|--|---|---|

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

| | | | | | | | | | | | | | | | |
|-------------------------|-----------------------------|------|-------------------------------|-------------|--|------------------------|-----------------------------|-------------------------|---|-------------------------|-------------|---|-----|----|-----|
| 1 | IPR Cell | 2018 | Pre-Incubation, Student Clubs | | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Raghu Chandra Garimella</td> </tr> <tr> <td>Facility Incharge Email</td> <td>iedc@metho dist.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>92907 96716</td> </tr> </table> | Facility Incharge Name | Dr. Raghu Chandra Garimella | Facility Incharge Email | iedc@metho dist.edu.in | Facility Incharge Phone | 92907 96716 | 1 | Yes | No | Yes |
| Facility Incharge Name | Dr. Raghu Chandra Garimella | | | | | | | | | | | | | | |
| Facility Incharge Email | iedc@metho dist.edu.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 92907 96716 | | | | | | | | | | | | | | |
| Source of Grant / Fund | | | | Agency Name | | | Agency Type | | Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees) | | | | | | |

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 | Osmania Technology Business Incubator | Idea/Innovation Development, Entrepreneurship/Startup Development, 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 | Crop- prediction: intelligent prediction of crop with the help of PH, soil and temperature values using deep learning and IoT based technology | Process Innovation | Technological | | 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 Ongoing | No | No | No | No | No |
|---|--|--------------------|---------------|--|---------|---|---|--------------------------------|----|----|----|----|----|

| Name | Type | Gender | Email | Contact |
|--------------------|---------|--------|------------------------------|------------|
| Dr. Vuppu Padmakar | Faculty | Male | drvpadmakar@methodist.edu.in | 9394825335 |

| | | | | | | | | | | | | | |
|---|---|--------------------|---------------|--|---------|---|---|--------------------------------|----|----|----|----|----|
| 2 | I-Security: Intelligent home security using vibration sensor and RFID kit | Process Innovation | Technological | | Faculty | TRL 2 : Technology formulation. Concept and application have been formulated. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Ongoing | No | No | No | No | No |
|---|---|--------------------|---------------|--|---------|---|---|--------------------------------|----|----|----|----|----|

| Name | Type | Gender | Email | Contact |
|--------------------|---------|--------|------------------------------|------------|
| Dr. Vuppu Padmakar | Faculty | Male | drvpadmakar@methodist.edu.in | 9394825335 |

| | | | | | | | | | | | | | |
|---|--|--------------------|---------------|--|---------|---|---|--------------------------------|----|----|----|----|----|
| 3 | ISLIQ-OC: Improved supervised learning in quest using optimal k-means clustering mechanism to nowcast snow/no-snow | Process Innovation | Technological | | Faculty | TRL 2 : Technology formulation. Concept and application have been formulated. | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Innovation Development Ongoing | No | No | No | No | No |
|---|--|--------------------|---------------|--|---------|---|---|--------------------------------|----|----|----|----|----|

| Name | Type | Gender | Email | Contact |
|--------------------|---------|--------|------------------------------|------------|
| Dr. Vuppu Padmakar | Faculty | Male | drvpadmakar@methodist.edu.in | 9394825335 |

| | | | | | | | | | | | | | | |
|------------------------------|----------------------------|--------------------|---------------|--------|-----------------|--|--|----------------------------------|--|------------------------|-----|----------------------------|----|----|
| 4 | Portable Hybrid Power Bank | Product Innovation | Technological | | Student-Faculty | TRL 9 : Full commercial application, technology available for consumers. | TRL 9 : Full commercial application, technology available for consumers. | Innovation Development Completed | Agency Name | Aus Pat | Yes | Grant Amount in Rs 8000 | No | No |
| | | | | | | | | | Agency Type | International Agencies | | | | |
| | | | | | | | | | Award / Position / Recognition Secured | Patent Granted | | | | |
| | | | | | | | | | | | | | | |
| Name | | Type | | Gender | | Email | | Contact | | | | | | |
| Dr. Raghu Chandra Garimella | | Faculty | | Male | | raghuchandra@methodist.edu.in | | 9290796716 | | | | | | |
| Name | | Type | | Gender | | Email | | Contact | | | | | | |
| Bhavani Shankar T. | | Student | | Male | | - | | - | | | | | | |
| Raghavendra Nayak Khethavath | | Student | | Male | | - | | - | | | | | | |
| Kumar Methri | | Student | | Male | | - | | - | | | | | | |

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

| Sr no | 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 Start-up 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 | M/s S N Marketing | Market-place Innovation, Management Process | Non-Technological | 6283 | Student | Venture with Corporate Identification Number (CIN) Registration 36BSRPA8504R1Z1 | 2019-20 | Received Incubation Support from Incubation Unit | No | No | No | No | Yes |
| | Name | | DIN number | | Type | | Gender | | Email | | Contact | | |
| Syed Imran Ahmed | | 36BSRPA8504R1Z1 | | Student | | Male | | imran95zr@gmail.com | | 7981745895 | | | |
| 2 | SUMVN | Management Process | Non-Technological | 6283 | Student | Venture with Corporate Identification Number (CIN) Registration DIPP57401 | 2019-20 | Received Incubation Support from Incubation Unit | No | No | No | No | |
| | Name | | DIN number | | Type | | Gender | | Email | | Contact | | |
| K. Sai Kiran | | DIPP57401 | | Student | | Male | | sumvn4@gmail.com | | 9866864026 | | | |
| 3 | KAPS Enterprises | Management Process | Non-Technological | 6283 | Student | Venture with Corporate Identification Number (CIN) Registration 36CKLPB4128F1ZE | 2019-20 | Received Incubation Support from Incubation Unit | No | No | No | Yes | |

| Name | | DIN number | | Type | | Gender | | Email | | Contact | |
|------------------------------|--|-----------------|--|---|--|--------|--|------------------------|--|------------|--|
| Nikhil Bharadwaj Paramkusham | | 36CKLPB4128F1ZE | | Innovator/Entrepreneur External to Institute | | Male | | info.kapsent@gmail.com | | 7661802015 | |
| Akshay Bharadwaj Paramkusham | | 36CKLPB4128F1ZE | | Student | | Male | | info.kapsent@gmail.com | | 7661802015 | |

| | | | | | | | | | | | | | |
|---|------------------|-------------------------|----------------|------|----------|---|----------------|---------|--|----|----|----|----|
| 4 | Branding Backend | Market-place Innovation | Techno logical | 6283 | Stud ent | Venture with Corporate Identification Number (CIN) Registration | TSVSAA37366301 | 2018-19 | Received Incubation Support from Incubation Unit | No | No | No | No |
|---|------------------|-------------------------|----------------|------|----------|---|----------------|---------|--|----|----|----|----|

| Name | | DIN number | | Type | | Gender | | Email | | Contact | |
|--------------|--|----------------|--|---------|--|--------|--|-----------------------------|--|------------|--|
| Barkat Uddin | | TSVSAA37366301 | | Student | | Male | | contact@brandingbackend.com | | 8328383047 | |

| | | | | | | | | | | | | | |
|---|----------|-------------------------|--------------------|------|----------|---|------------------|---------|--|----|----|----|----|
| 5 | e limits | Market-place Innovation | Non-Techno logical | 6283 | Stud ent | Venture with Corporate Identification Number (CIN) Registration | BCR2DN6TWP4KNBTF | 2018-19 | Received Incubation Support from Incubation Unit | No | No | No | No |
|---|----------|-------------------------|--------------------|------|----------|---|------------------|---------|--|----|----|----|----|

| Name | | DIN number | | Type | | Gender | | Email | | Contact | |
|-----------------------|--|------------------|--|---------|--|--------|--|-------------------------|--|------------|--|
| Radhakrishna Neetoori | | BCR2DN6TWP4KNBTF | | Student | | Male | | 100krishnaoo7@gmail.com | | 9177909727 | |

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 | Osmania Technology Business Incubator | Govt. Agency (State) | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Pre-incubation | 5 | 04-11-2020 |

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

No Data Filled!

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 | Solar Powered Hybrid Energy Bank | 357433 | National | 2020 - 03 | Uploaded |
| 2 | Crop- prediction: intelligent prediction of crop with the help of PH, soil and temperature values using deep learning and IoT based technology | 201941050895 | National | 2019 - 12 | Uploaded |
| 3 | I-Security: Intelligent home security using vibration sensor and RFID kit | 201811034650 | National | 2019 - 12 | Uploaded |

| | | | | | |
|---|--|--------------|----------|-----------|----------|
| 4 | ISLIQ-OC: Improved supervised learning in quest using optimal k-means clustering mechanism to nowcast snow/no-snow | 201941053333 | National | 2019 - 12 | Uploaded |
|---|--|--------------|----------|-----------|----------|