



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA)

Institute Name: CMR College of Engineering & Technology [ARI-C-19735]

### Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

| Financial Year | Program Type                                  | Name of Program   | Program Theme | Program Duration                    | Program Conducted | Participants Details            |                                 |                              | Expenditure Incurred                   |                             |                            |
|----------------|---|---|---------------|-------------------------------------|-------------------|---------------------------------|---------------------------------|------------------------------|--|-----------------------------|----------------------------|
|                |   |   |               |                                     |                   | Number of Internal Participants | Number of External Participants | Total Number of Participants | Institute Own / Internal Fund (in Rs.) | Sponsorship / External Fund | Total Expenditure Incurred |
| 2015-16        | Workshops / Training / Seminars / Conferences | Workshop on INTERNET OF THINGS  | Innovation    | 07-Aug-2015 to 09-Aug-2015 (3 Days) | Within Campus     | 260                             | 0                               | 260                          | 18000.00                               | 0.00                        | 18000.00                   |
| 2015-16        | Workshops / Training / Seminars / Conferences | Guest Lecture on How to prepare for placements  | Innovation    | 23-Jan-2016 to 23-Jan-2016 (1 Days) | Within Campus     | 1200                            | 0                               | 1200                         | 10000.00                               | 0.00                        | 10000.00                   |
| 2015-16        | Workshops / Training / Seminars / Conferences | WORKSHOP ON PERSONALITY DEVELOPMENT   | Innovation    | 03-Feb-2016 to 03-Feb-2016 (1 Days) | Within Campus     | 800                             | 0                               | 800                          | 8000.00                                | 0.00                        | 8000.00                    |
| 2015-16        | Workshops / Training / Seminars / Conferences | WORKSHOP ON ROBOTICS  | Innovation    | 06-Feb-2016 to 07-Feb-2016 (2 Days) | Within Campus     | 820                             | 0                               | 820                          | 15000.00                               | 0.00                        | 15000.00                   |
| 2015-16        | Workshops / Training / Seminars / Conferences | Seminar on How to become an Entrepreneur  | Innovation    | 19-Feb-2016 to 19-Feb-2016 (1 Days) | Within Campus     | 240                             | 0                               | 240                          | 10000.00                               | 0.00                        | 10000.00                   |
| 2015-16        | Workshops / Training / Seminars / Conferences | Workshop on Oops, Winform Controls, Event Management and Custom Control, Ado.net, Validation Controls, Cookies ViewState Query string, Session, Authentication and authorization, Web Services. | Innovation    | 03-Mar-2016 to 05-Mar-2016 (3 Days) | Within Campus     | 250                             | 0                               | 250                          | 15000.00                               | 0.00                        | 15000.00                   |
| 2015-16        | Workshops / Training / Seminars / Conferences | workshop on Asp.Net held on   | Innovation    | 03-Mar-2016 to 03-Mar-2016 (1 Days) | Within Campus     | 350                             | 0                               | 350                          | 8000.00                                | 0.00                        | 8000.00                    |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |  |  |            |                                     |               |     |    |     |          |      |          |
|---------|--|--|------------|-------------------------------------|---------------|-----|----|-----|----------|------|----------|
| 2015-16 | Workshops / Training / Seminars / Conferences      | Three days workshop by Dr.K.V.Subha Raju on WIN -WIN APPROACH  | Innovation | 12-Mar-2016 to 12-Mar-2016 (1 Days) | Within Campus | 500 | 0  | 500 | 8000.00  | 0.00 | 8000.00  |
| 2015-16 | Awareness / Motivational Programs                  | Guest Lecture on Awareness to Technical Education  | Innovation | 19-Mar-2016 to 19-Mar-2016 (1 Days) | Within Campus | 250 | 0  | 250 | 8000.00  | 0.00 | 8000.00  |
| 2015-16 | Workshops / Training / Seminars / Conferences      | FACULTY DEVELOPMENT PROGRAMME On COMPUTER AIDED MANUFACTURING ON EDGE CAM 2016                       | Innovation | 16-May-2016 to 21-May-2016 (6 Days) | Within Campus | 300 | 40 | 340 | 43000.00 | 0.00 | 43000.00 |
| 2015-16 | Workshops / Training / Seminars / Conferences      | One day workshop on IPR and Research Proposal Writing  | IPR        | 26-Oct-2016 to 26-Oct-2016 (1 Days) | Within Campus | 200 | 50 | 250 | 10000.00 | 0.00 | 10000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences      | Guest Lecture on Enterprenuership Develpoment  | Innovation | 29-Jun-2016 to 29-Jun-2016 (1 Days) | Within Campus | 150 | 0  | 150 | 8000.00  | 0.00 | 8000.00  |
| 2016-17 | Awareness / Motivational Programs                  | One day International Seminar on Solar Collertors  | Innovation | 12-Aug-2016 to 12-Aug-2016 (1 Days) | Within Campus | 120 | 0  | 120 | 9000.00  | 0.00 | 9000.00  |
| 2016-17 | Workshops / Training / Seminars / Conferences      | One day International Seminar on Solar Collectors  | Innovation | 12-Aug-2016 to 12-Aug-2016 (1 Days) | Within Campus | 250 | 0  | 250 | 9000.00  | 0.00 | 9000.00  |
| 2016-17 | Workshops / Training / Seminars / Conferences      | workshop on PCB designing and fabrication(PDF-2016) by MEGAS Advanced Technologies and Research Labs | Innovation | 24-Aug-2016 to 25-Aug-2016 (2 Days) | Within Campus | 300 | 60 | 360 | 15000.00 | 0.00 | 15000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences      | Seminar on Artificial intelligence in power systems  | Innovation | 09-Sep-2016 to 09-Sep-2016 (1 Days) | Within Campus | 120 | 0  | 120 | 10000.00 | 0.00 | 10000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences      | Guest lecture on Technical Education and Importance  | Innovation | 23-Sep-2016 to 23-Sep-2016 (1 Days) | Within Campus | 250 | 0  | 250 | 8000.00  | 0.00 | 8000.00  |
| 2016-17 | Workshops / Training / Seminars / Conferences      | seminar on Almanai to Campus where Almanai   | Innovation | 28-Sep-2016 to 28-Sep-2016 (1 Days) | Within Campus | 250 | 0  | 250 | 5000.00  | 0.00 | 5000.00  |
| 2016-17 | Hackathons/Competition/Boot-Camp/Exchange Programs | Idea Competition   | Innovation | 21-Nov-2016 to 21-Nov-2016 (1 Days) | Within Campus | 67  | 0  | 67  | 10000.00 | 0.00 | 10000.00 |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |   |  |            |                                      |               |     |    |     |          |      |          |
|---------|---|--|------------|--------------------------------------|---------------|-----|----|-----|----------|------|----------|
| 2016-17 | Workshops / Training / Seminars / Conferences | Teaching Methodologies   | Innovation | 28-Nov-2016 to 03-Dec-2016 (6 Days)  | Within Campus | 120 | 12 | 132 | 21000.00 | 0.00 | 21000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | One Week Faculty Development Program on Teaching Methodologies                             | Innovation | 28-Nov-2016 to 03-Dec-2016 (6 Days)  | Within Campus | 120 | 35 | 155 | 32000.00 | 0.00 | 32000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | FDP on Teaching methodologies  | Innovation | 29-Nov-2016 to 05-Dec-2016 (7 Days)  | Within Campus | 40  | 20 | 60  | 47000.00 | 0.00 | 47000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | One Week Faculty Development Program On APPLICATIONS OF ENGINEERING GRAPHICS IN INDUSTRIES | Innovation | 19-Dec-2016 to 24-Dec-2016 (6 Days)  | Within Campus | 200 | 50 | 250 | 40000.00 | 0.00 | 40000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | One Week Faculty Development Program on APPLICATIONS OF ENGINEERING GRAPHICS IN INDUSTRIES | Innovation | 19-Dec-2016 to 24-Dec-2016 (6 Days)  | Within Campus | 160 | 30 | 190 | 44000.00 | 0.00 | 44000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | Seminar on Solar Power Generation  | Innovation | 19-Dec-2016 to 19-Dec-2016 (1 Days)  | Within Campus | 150 | 0  | 150 | 7000.00  | 0.00 | 7000.00  |
| 2016-17 | Workshops / Training / Seminars / Conferences | Seminar on 21st Century research trends in computer science and Information Technology     | Innovation | 27-Dec-2016 to 27-Dec-2016 (1 Days)  | Within Campus | 120 | 12 | 132 | 15000.00 | 0.00 | 15000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | ONE DAY INTERNATIONAL SEMINAR ON THERMAL ENERGY  | Innovation | 28-Dec-2016 to 28-Dec-2016 (1 Days)  | Within Campus | 840 | 0  | 840 | 10000.00 | 0.00 | 10000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | STP on Programming Concepts in Python  | Innovation | 02-Jan-2017 to 27-Feb-2017 (57 Days) | Within Campus | 270 | 50 | 320 | 62000.00 | 0.00 | 62000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | FDP on Digital Design using Arduino  | Innovation | 19-Jun-2017 to 24-Jun-2017 (6 Days)  | Within Campus | 40  | 10 | 50  | 46000.00 | 0.00 | 46000.00 |
| 2016-17 | Workshops / Training / Seminars / Conferences | One day workshop on IPR and Patents  | IPR        | 26-Aug-2017 to 26-Aug-2017 (1 Days)  | Within Campus | 210 | 60 | 270 | 12000.00 | 0.00 | 12000.00 |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |   |   |            |                                      |               |     |    |     |          |      |          |
|---------|---|---|------------|--------------------------------------|---------------|-----|----|-----|----------|------|----------|
| 2016-17 | Workshops / Training / Seminars / Conferences | Seminar on IPR rights   | Innovation | 26-Aug-2017 to 26-Aug-2017 (1 Days)  | Within Campus | 110 | 20 | 130 | 16000.00 | 0.00 | 16000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | FDP On Teaching Methodologies   | Innovation | 11-Jan-2017 to 12-Jan-2017 (2 Days)  | Within Campus | 38  | 8  | 46  | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Effective Teaching  | Innovation | 11-Jan-2017 to 12-Jan-2017 (2 Days)  | Within Campus | 21  | 0  | 21  | 12000.00 | 0.00 | 12000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Python Programming  | Innovation | 01-May-2017 to 13-May-2017 (13 Days) | Within Campus | 100 | 20 | 120 | 60000.00 | 0.00 | 60000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Cross validation, PCA,SVD, SVM, ROC, Matching Persuits using Matlab             | Innovation | 07-May-2017 to 13-May-2017 (7 Days)  | Within Campus | 20  | 3  | 23  | 15000.00 | 0.00 | 15000.00 |
| 2017-18 | Awareness / Motivational Programs             | Industry Oriented Skill Development Program on Fundamentals of Embedded Systems | Innovation | 08-May-2017 to 17-May-2017 (10 Days) | Within Campus | 300 | 50 | 350 | 36000.00 | 0.00 | 36000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Digital Design using Arduinio   | Innovation | 19-Jun-2017 to 24-Jun-2017 (6 Days)  | Within Campus | 38  | 10 | 48  | 36000.00 | 0.00 | 36000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Workshop on Digital Design using Arduinio                                       | Innovation | 19-Jun-2017 to 24-Jun-2017 (6 Days)  | Within Campus | 52  | 25 | 77  | 48000.00 | 0.00 | 48000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | One Week Faculty Development Program on Digital Design using Arduino            | Innovation | 23-Jun-2017 to 29-Jun-2017 (7 Days)  | Within Campus | 52  | 12 | 64  | 25000.00 | 0.00 | 25000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | ICT Academy Virtualization using VSphere 6.0                                    | Innovation | 03-Jul-2017 to 07-Jul-2017 (5 Days)  | Within Campus | 25  | 5  | 30  | 40000.00 | 0.00 | 40000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | FDP on Virtualization   | Innovation | 03-Jul-2017 to 07-Jul-2017 (5 Days)  | Within Campus | 45  | 10 | 55  | 28000.00 | 0.00 | 28000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Seminar on Micochip Implementation in Human Brain                               | Innovation | 12-Aug-2017 to 12-Aug-2017 (1 Days)  | Within Campus | 140 | 30 | 170 | 15000.00 | 0.00 | 15000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Seminar on Energy Management  | Innovation | 19-Aug-2017 to 19-Aug-2017 (1 Days)  | Within Campus | 200 | 0  | 200 | 10000.00 | 0.00 | 10000.00 |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |   |  |                           |                                     |               |     |    |     |          |      |          |
|---------|---|--|---------------------------|-------------------------------------|---------------|-----|----|-----|----------|------|----------|
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Career Opportunities              | Innovation                | 19-Aug-2017 to 19-Aug-2017 (1 Days) | Within Campus | 120 | 0  | 120 | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Bandwidth Utilization             | Innovation                | 16-Sep-2017 to 16-Sep-2017 (1 Days) | Within Campus | 50  | 5  | 55  | 12000.00 | 0.00 | 12000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Project loon                      | Innovation                | 16-Sep-2017 to 16-Sep-2017 (1 Days) | Within Campus | 52  | 10 | 62  | 11000.00 | 0.00 | 11000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Process Mining                    | Innovation                | 07-Oct-2017 to 07-Oct-2017 (1 Days) | Within Campus | 55  | 5  | 60  | 12000.00 | 0.00 | 12000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Mobile Application Development    | Innovation                | 07-Oct-2017 to 07-Oct-2017 (1 Days) | Within Campus | 55  | 5  | 60  | 12000.00 | 0.00 | 12000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Touchless Tech                    | Innovation                | 14-Oct-2017 to 14-Oct-2017 (1 Days) | Within Campus | 53  | 6  | 59  | 11000.00 | 0.00 | 11000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Big Data Analytics                | Innovation                | 14-Oct-2017 to 14-Oct-2017 (1 Days) | Within Campus | 53  | 6  | 59  | 11000.00 | 0.00 | 11000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on R Programming                     | Innovation                | 14-Oct-2017 to 14-Oct-2017 (1 Days) | Within Campus | 53  | 6  | 59  | 11000.00 | 0.00 | 11000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Swarm Intelligence                | Innovation                | 21-Oct-2017 to 21-Oct-2017 (1 Days) | Within Campus | 56  | 8  | 64  | 11500.00 | 0.00 | 11500.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Machine learning                  | Innovation                | 27-Oct-2017 to 27-Oct-2017 (1 Days) | Within Campus | 54  | 9  | 63  | 12000.00 | 0.00 | 12000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Seminar on Deep Learning                     | Innovation                | 30-Oct-2017 to 30-Oct-2017 (1 Days) | Within Campus | 60  | 5  | 65  | 12500.00 | 0.00 | 12500.00 |
| 2017-18 | Awareness / Motivational Programs                           | Awareness and Motivation on Entrepreneurship | Entrepreneurship/ Startup | 08-Dec-2017 to 09-Dec-2017 (2 Days) | Within Campus | 264 | 80 | 344 | 22000.00 | 0.00 | 22000.00 |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | Ideation Competition Day-1                   | Innovation                | 23-Dec-2017 to 23-Dec-2017 (1 Days) | Within Campus | 61  | 0  | 61  | 12000.00 | 0.00 | 12000.00 |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |   |  |                          |                                     |               |      |     |      |           |           |           |
|---------|---|--|--------------------------|-------------------------------------|---------------|------|-----|------|-----------|-----------|-----------|
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | IDEATION COMPETITION DAY - 2   | Innovation               | 04-Jan-2018 to 04-Jan-2018 (1 Days) | Within Campus | 25   | 0   | 25   | 10000.00  | 0.00      | 10000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences               | III(Industry-Institute-Interaction)-Meet   | IPR                      | 06-Jan-2018 to 06-Jan-2018 (1 Days) | Within Campus | 180  | 60  | 240  | 12000.00  | 0.00      | 12000.00  |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | IDEATION COMPETITIO DAY -3   | Innovation               | 20-Jan-2018 to 20-Jan-2018 (1 Days) | Within Campus | 30   | 0   | 30   | 13000.00  | 0.00      | 13000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences               | NGOs and Community partners Meet-2018  | Entrepreneurship/Startup | 22-Jan-2018 to 22-Jan-2018 (1 Days) | Within Campus | 14   | 40  | 54   | 20000.00  | 0.00      | 20000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Workshop on SHODHANA   | Innovation               | 08-Mar-2018 to 10-Mar-2018 (3 Days) | Within Campus | 210  | 100 | 310  | 16000.00  | 0.00      | 16000.00  |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | IDEATION COMPETITION DAY -4  | Innovation               | 10-Mar-2018 to 10-Mar-2018 (1 Days) | Within Campus | 60   | 0   | 60   | 12000.00  | 0.00      | 12000.00  |
| 2017-18 | Hackathons/Competition/Boot-Camp/Exchange Programs          | GRAND FINALE OF SMART INDIA HACKATHON 2018 - SOFTWARE EDITION  | Innovation               | 29-Mar-2018 to 31-Mar-2018 (3 Days) | Within Campus | 60   | 250 | 310  | 550000.00 | 356000.00 | 906000.00 |
| 2017-18 | Hackathons/Competition/Boot-Camp/Exchange Programs          | MSME-Host Institute or Business Incubator under the scheme namely, Support for Entrepreneurial and Managerial Development of SMEs through Incubators for the academic year 2018 19 | Entrepreneurship/Startup | 03-Aug-2018 to 04-Aug-2018 (2 Days) | Within Campus | 64   | 0   | 64   | 15000.00  | 0.00      | 15000.00  |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | GRASS ROOT INNOVATIONS- Display of Grass Root Innovations  | Innovation               | 03-Sep-2018 to 04-Sep-2018 (2 Days) | Within Campus | 1024 | 200 | 1224 | 100000.00 | 0.00      | 100000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | One day workshop on IPR and Research proposal writing  | IPR                      | 06-Sep-2018 to 06-Sep-2018 (1 Days) | Within Campus | 250  | 50  | 300  | 10000.00  | 0.00      | 10000.00  |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | CMR Startup Summit   | Entrepreneurship/Startup | 05-Oct-2018 to 05-Oct-2018 (1 Days) | Within Campus | 1250 | 400 | 1650 | 150000.00 | 20000.00  | 170000.00 |

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

|         |   |                                    |                          |                                      |                |     |    |     |          |      |          |
|---------|---|------------------------------------|--------------------------|--------------------------------------|----------------|-----|----|-----|----------|------|----------|
| 2017-18 | Workshops / Training / Seminars / Conferences               | Design The Thinking                | Innovation               | 13-Oct-2018 to 15-Oct-2018 (3 Days)  | Outside Campus | 25  | 0  | 25  | 30000.00 | 0.00 | 30000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Design The Thinking                | Innovation               | 25-Nov-2018 to 12-Jan-2019 (49 Days) | Within Campus  | 200 | 0  | 200 | 15000.00 | 0.00 | 15000.00 |
| 2017-18 | Exhibitions of Innovative Products / E-Summits / Tech-Fests | PRAKALP PRADHARSHIN-I Project Expo | Innovation               | 21-Dec-2018 to 22-Dec-2018 (2 Days)  | Within Campus  | 420 | 0  | 420 | 10000.00 | 0.00 | 10000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences               | Education to Entrepreneurship      | Entrepreneurship/Startup | 04-Jan-2019 to 05-Jan-2019 (2 Days)  | Within Campus  | 201 | 52 | 253 | 15000.00 | 0.00 | 15000.00 |

**Institute's Participation in Events / Programmes organized by the External Agencies**

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

| Financial Year | Program Type                                  | Program Theme | Name of Event  | Organizing Agency / Institute Name                 | Level of Event | Type of Participants | Nos of Participants | Achievements (Awards/Recognitions/Prize, If any) | Expenditure Incurred                   |                             |                            |
|----------------|---|---------------|--|--|----------------|----------------------|---------------------|--|--|-----------------------------|----------------------------|
|                |   |               |  |  |                |                      |                     |  | Institute Own / Internal Fund (in Rs.) | Sponsorship / External Fund | Total Expenditure Incurred |
| 2015-16        | Workshops / Training / Seminars / Conferences | Innovation    | FDP on Sensors Networks and IOT  | VNRVJIET   | National       | Faculty              | 1                   |  | 8000.00                                | 0.00                        | 8000.00                    |
| 2015-16        | Workshops / Training / Seminars / Conferences | Innovation    | workshop on Nanofabrication Technologies   | Indian Nanoelectronics User Program IISC Bangalore | National       | Faculty              | 1                   |  | 8000.00                                | 0.00                        | 8000.00                    |
| 2015-16        | Workshops / Training / Seminars / Conferences | Innovation    | Hands on training on Micro Electro-Mechanical Systems (MEMS)                                 | IISC Bangalore.                                    | National       | Faculty              | 1                   |  | 8000.00                                | 0.00                        | 8000.00                    |
| 2016-17        | Workshops / Training / Seminars / Conferences | Innovation    | Workshop on the subject of ADVANCES IN HYDRAULIC MODELLING                                   | IIT KHARAGPUR                                      | National       | Faculty              | 1                   |  | 8000.00                                | 0.00                        | 8000.00                    |
| 2016-17        | Workshops / Training / Seminars / Conferences | Innovation    | Fourth International conference on Transformations in Engineering Education ICTIEE Hyderabad | Vardhaman college of Engineering                   | National       | Faculty              | 2                   |  | 12000.00                               | 0.00                        | 12000.00                   |
| 2016-17        | Workshops / Training / Seminars / Conferences | Innovation    | Fourth International conference on Transformations in Engineering Education ICTIEE Hyderabad | Vardhaman college of Engineering                   | National       | Faculty              | 1                   |  | 8000.00                                | 0.00                        | 8000.00                    |

**Institute's Participation in Events / Programmes organized by the External Agencies**

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

|         |   |                              |  |  |          |         |    |  |          |      |          |
|---------|---|------------------------------|--|--|----------|---------|----|--|----------|------|----------|
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Cross validation,<br>PCA,SVD, SVM,<br>ROC, Matching<br>Persuits using<br>Matlab  | CMR TCS                                    | National | Faculty | 3  |  | 21000.00 | 0.00 | 21000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Entrepreneurship/S<br>tartup | RF Antenna Design<br>and Evaluation  | VMEC                                       | National | Faculty | 3  |  | 15000.00 | 0.00 | 15000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Conference on<br>Double Farmer<br>income for<br>sustainable and<br>harmonious<br>Agriculture                                     | Sri Venkateshwara<br>University, Tirupathi | National | Faculty | 3  |  | 15000.00 | 0.00 | 15000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | 1-Week Faculty<br>Development<br>Programme on<br>Cross validation,<br>PCA,SVD, SVM,<br>ROC, Matching<br>Persuits using<br>Matlab | CMR TCS                                    | National | Faculty | 7  |  | 38000.00 | 0.00 | 38000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Role of Antennas in<br>software defined<br>Radio and Military<br>Wireless<br>Application   | NIT & BVRIT                                | National | Faculty | 1  |  | 5000.00  | 0.00 | 5000.00  |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | FDP on Data<br>Analytics with R  | VNRVJIET                                   | National | Faculty | 11 |  | 70000.00 | 0.00 | 70000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | FDP on<br>Computational<br>Intelligence and its<br>Applications in<br>Science and<br>Engineering(CiASE<br>)                      | PVP Siddhartha                             | National | Faculty | 1  |  | 8000.00  | 0.00 | 8000.00  |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | FDP on Trends in<br>ML   | GNITS                                      | National | Faculty | 1  |  | 7000.00  | 0.00 | 7000.00  |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Best Practices in<br>Python<br>Programming and<br>RDBMS  | MLRIT                                      | National | Faculty | 1  |  | 8000.00  | 0.00 | 8000.00  |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Python and R<br>programming  | Anurag Group of<br>Institutions            | National | Faculty | 3  |  | 25000.00 | 0.00 | 25000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Fundamentals of<br>DataBases   | NIT Warangal                               | National | Faculty | 2  |  | 15000.00 | 0.00 | 15000.00 |
| 2016-17 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Machine Learning<br>TEQIP-II   | JNTU Hyderabad                             | National | Faculty | 1  |  | 6000.00  | 0.00 | 6000.00  |
| 2017-18 | Workshops /<br>Training / Seminars<br>/ Conferences | Innovation                   | Big Data Analytics   | JNTU Hyderabad                             | National | Faculty | 1  |  | 7000.00  | 0.00 | 7000.00  |



**Institute's Participation in Events / Programmes organized by the External Agencies**

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

|         |   |            |   |   |               |         |    |  |          |      |          |
|---------|---|------------|---|---|---------------|---------|----|--|----------|------|----------|
| 2017-18 | Awareness / Motivational Programs             | Innovation | INSPIRE Mentorship Inaugural  | Infosys SEZ Campus  | National      | Faculty | 1  |  | 6000.00  | 0.00 | 6000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Fundamentals Of Databases   | NIT Warangal  | National      | Faculty | 2  |  | 16000.00 | 0.00 | 16000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Big Data Analytics  | CMRIT   | National      | Faculty | 1  |  | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Cross validation, PCA,SVD, SVM, ROC, Matching Pursuits using Matlab                     | CMR TCS   | National      | Faculty | 2  |  | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Fundamentals of Data Structures and C Programming                                       | IIITDM Jabalpur   | National      | Faculty | 1  |  | 9000.00  | 0.00 | 9000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Artificial neural networks and Fuzzy Logic  | CMREC   | National      | Faculty | 6  |  | 54000.00 | 0.00 | 54000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Android Programming   | CMRTC   | National      | Faculty | 3  |  | 24000.00 | 0.00 | 24000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Recent Advances in Electronic and Communication Technology(ICRAE CT)                    | SJB Institute of Technology                                   | National      | Faculty | 1  |  | 10000.00 | 0.00 | 10000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Software Engineering  | JNTU Hyderabad  | National      | Faculty | 1  |  | 5000.00  | 0.00 | 5000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Software Engineering and Testing Methodology  | NIT Warangal  | National      | Faculty | 1  |  | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Workshop on SCALE   | Bengaluru   | National      | Faculty | 15 |  | 28000.00 | 0.00 | 28000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Workshop on IUCEEE(International Engineering Educators Certification Programme) Phase 1 | G.Pullaiah college of engineering and technology, Kurnool,AP. | National      | Faculty | 16 |  | 20000.00 | 0.00 | 20000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | interanational conference on Engineering Education                                      | Bennett University, Noida.                                    | International | Faculty | 3  |  | 25000.00 | 0.00 | 25000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | EPICS 5thinteranational conference on Engineering Education                             | thiagarajar college, Madurai                                  | International | Faculty | 7  |  | 30000.00 | 0.00 | 30000.00 |

**Institute's Participation in Events / Programmes organized by the External Agencies**

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

|         |   |            |                                    |                         |          |         |   |  |          |      |          |
|---------|---|------------|------------------------------------|-------------------------|----------|---------|---|--|----------|------|----------|
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | webinars on design Thinking        | IUCEE, Purde University | National | Faculty | 5 |  | 10000.00 | 0.00 | 10000.00 |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | 12 webinars on OBE and Remote labs | KL university           | National | Faculty | 2 |  | 8000.00  | 0.00 | 8000.00  |
| 2017-18 | Workshops / Training / Seminars / Conferences | Innovation | Practical RF Antennas Design       | NIT & VNRVJiet          | National | Faculty | 1 |  | 6000.00  | 0.00 | 6000.00  |

**Pre-Incubation and Incubation facilities exist in-campus**

Total Annual Expenditure Incurred towards Creation of Pre-Incubation and Incubation Facilities in Campus

| Financial Year | Name of Centre                                       | Type of Facility | Year of Facility Creation | Facility Location / Address  | Facility Incharge Name | Facility area in Sq Ft | Operational Cost of Centre (in Rs.) (Construction Cost is excluded) |                             |                            |
|----------------|--|------------------|---------------------------|--|------------------------|------------------------|---|-----------------------------|----------------------------|
|                |  |                  |                           |  |                        |                        | Institute Own / Internal Fund (in Rs.)                              | Sponsorship / External Fund | Total Expenditure Incurred |
| 2015-16        | Research and Development Centre                      | Incubation       | 2015                      | Room No: 124, Block II, CMRCET   | Dr. M. S. R. Murthy    | 2000                   | 1000000.00  | 0.00                        | 1000000.00                 |
| 2015-16        | Maker Space  | Pre-Incubation   | 2015                      | Room No: 116 & 117, Block I, CMRCET  | Ms. B. Archana         | 2400                   | 600000.00   | 0.00                        | 600000.00                  |
| 2015-16        | CMR Start-up Magnet                                  | Pre-Incubation   | 2015                      | CMR College of Engineering & Technology                                      | Ms. Soujanya Dhundigal | 2000                   | 150000.00   | 0.00                        | 150000.00                  |
| 2016-17        | Centre for DATA SCIENCE AND BIG DATA ANALYTICS       | Pre-Incubation   | 2016                      | Room No. 311, III Floor, Block - II, CMR College of Engineering & Technology | Mr. S. Shiva Skanda    | 1200                   | 800000.00   | 0.00                        | 800000.00                  |
| 2016-17        | Centre for National Cyber Safety and Security        | Incubation       | 2016                      | BLOCK II, CMRCET, HYDERABAD  | Dr K L S Sowjanya      | 3000                   | 800000.00   | 0.00                        | 800000.00                  |
| 2016-17        | Centre for Industry Institute Interaction Cell       | Pre-Incubation   | 2016                      | Block III, CMRCET, HYDERABAD   | Dr B Srinivasa Varma   | 2400                   | 400000.00   | 0.00                        | 400000.00                  |
| 2017-18        | Centre for Engineering Education and Research        | Pre-Incubation   | 2016                      | BLOCK III, CMRCET, HYDERABAD   | Ms. Soujanya Dhundihal | 2400                   | 1000000.00  | 0.00                        | 1000000.00                 |
| 2017-18        | Centre for Artificial Intelligence and Deep Learning | Incubation       | 2017                      | BLOCK II, CMRCET, HYDERABAD  | Dr. K. Vijaya Kumar    | 3000                   | 1000000.00  | 0.00                        | 1000000.00                 |
| 2017-18        | Center of Excellence-Virtusa                         | Pre-Incubation   | 2017                      | BLOCK II, CMRCET, HYDERABAD  | Mr. S. Gnanendra Reddy | 3000                   | 800000.00   | 0.00                        | 800000.00                  |
| 2017-18        | Centre for Innovation and Entrepreneurship           | Incubation       | 2017                      | Room No: 124, Block -II, CMR College of Engineering & Technology             | Dr. Suresh Merugu      | 6000                   | 1000000.00  | 0.00                        | 1000000.00                 |

**Fund supported to convert ideas to Innovations & Start-ups**

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

| Financial Year | Category | Name of Idea / Project / Innovation / Startup | Applicant Type | Academic Year of Study | Project Completion | Core Team Size (Nos) | Fund Supported            |                                |                              |                        | Current Status (as of 31st March 2018) |
|----------------|----------|---|----------------|------------------------|--------------------|----------------------|---------------------------|--------------------------------|------------------------------|------------------------|--|
|                |          |   |                |                        |                    |                      | Institution Own Seed Fund | Seed Grant from Funding Agency | Angel / Venture Capital Fund | Total Supported Amount |  |

**Fund supported to convert ideas to Innovations & Start-ups**

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

|         |  |   |                     |  |                        |   |           |      |      |           |   |
|---------|--|---|---------------------|--|------------------------|---|-----------|------|------|-----------|---|
| 2016-17 | Patented Innovative Technology to Start-up     | ADVANCED SYSTEM FOR DETECTING A COMPUTING DEVICE AND METHODS EMPLOYED THEREOF | Student and Faculty |  | Successfully Completed | 5 | 15000.00  | 0.00 | 0.00 | 15000.00  | IP – Tech Transfer/Commercialization Phase  |
| 2016-17 | Patented Innovative Technology to Start-up     | SYSTEM FOR ASSISTIVE AID IN PARALYSIS TREATMENT                               | Student and Faculty |  | Successfully Completed | 6 | 15000.00  | 0.00 | 0.00 | 15000.00  | IP – Tech Transfer/Commercialization Phase  |
| 2016-17 | Patented Innovative Technology to Start-up     | SYSTEM AND METHOD FOR AUTOMATICALLY CLOSING A SMART BIN DOOR                  | Student and Faculty |  | On Progress            | 5 | 15000.00  | 0.00 | 0.00 | 15000.00  | Startup under Incubation Phase              |
| 2017-18 | Idea to PoC / Prototype / Innovation           | Voice control Home AutoPI   | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Technology Development/Pre Incubation Phase |
| 2017-18 | Idea to PoC / Prototype / Innovation           | Exoskeleton Armour  | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Technology Development/Pre Incubation Phase |
| 2017-18 | Idea to PoC / Prototype / Innovation           | RADIATION CHARGING TECHNOLOGY   | Student and Faculty |  | On Progress            | 3 | 8500.00   | 0.00 | 0.00 | 8500.00   | Technology Development/Pre Incubation Phase |
| 2017-18 | Idea to PoC / Prototype / Innovation           | Plastic Decomposition   | Student and Faculty |  | On Progress            | 3 | 8500.00   | 0.00 | 0.00 | 8500.00   | Technology Development/Pre Incubation Phase |
| 2017-18 | Idea to PoC / Prototype / Innovation           | Hybrid Umbrella   | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Startup under Incubation Phase              |
| 2017-18 | Patented Innovative Technology to Start-up     | Smart Pendrive  | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Technology Development/Pre Incubation Phase |
| 2017-18 | Non-Patented Innovative Technology to Start-up | Clean Current   | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Startup under Incubation Phase              |
| 2017-18 | Idea to PoC / Prototype / Innovation           | JUCOBA  | Student and Faculty |  | On Progress            | 3 | 10000.00  | 0.00 | 0.00 | 10000.00  | Startup under Incubation Phase              |
| 2017-18 | Non-Patented Innovative Technology to Start-up | CodeNow   | Faculty             |  | Successfully Completed | 5 | 150000.00 | 0.00 | 0.00 | 150000.00 | IP – Tech Transfer/Commercialization Phase  |

**Intellectual Properties Filed**

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

| Financial Year | Title of Patent | Patent Application No | Inventors Type | Type of Patent Application Filed | Current Status (as of 31st March 2018) | Amount Spent towards Patent Filing (in Rs.) |
|----------------|-----------------|-----------------------|----------------|----------------------------------|--|---|
|----------------|-----------------|-----------------------|----------------|----------------------------------|--|---|

## Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

|         |  |               |                     |          |                               | Institution Own Fund | Sponsorship / Grant Fund | Total Amount Spent towards Patent Filing (in Rs.) |
|---------|--|---------------|---------------------|----------|-------------------------------|----------------------|--------------------------|---|
| 2015-16 | A NOVEL METHOD AND SYSTEM FOR DETECTING NEAR DUPLICATORS FOR BOTH WEB DOCUMENTS AND NORMAL DOCUMENTS | 627CHE2014A   | Faculty             | National | Application under Examination | 20000.00             | 0.00                     | 20000.00  |
| 2016-17 | ADVANCED SYSTEM FOR DETECTING A COMPUTING DEVICE AND METHODS EMPLOYED THEREOF                        | 201741039539A | Student and Faculty | National | Application under Examination | 20000.00             | 0.00                     | 20000.00  |
| 2016-17 | SYSTEM AND METHOD FOR AUTOMATICALLY CLOSING A SMART BIN DOOR   | 201741039538A | Student and Faculty | National | Application under Examination | 20000.00             | 0.00                     | 20000.00  |
| 2016-17 | ADVANCED SAFETY SYSTEM FOR AUTOMOBILES AND METHODS EMPLOYED THEREOF                                  | 201741039537A | Student and Faculty | National | Application under Examination | 12000.00             | 0.00                     | 12000.00  |
| 2017-18 | METHOD OF EDGE PRESERVATION IN IMAGES  | 201841036623A | Faculty             | National | Application under Examination | 12000.00             | 0.00                     | 12000.00  |
| 2017-18 | SYSTEM FOR ASSISTIVE AID IN PARALYSIS TREATMENT  | 201741039646A | Student and Faculty | National | Application under Examination | 12000.00             | 0.00                     | 12000.00  |
| 2017-18 | ADVANCED WHEEL SUSPENSION SYSTEM   | 201741039638A | Student and Faculty | National | Application under Examination | 12000.00             | 0.00                     | 12000.00  |
| 2017-18 | MODULAR SECURITY CAMERA SYSTEM   | 201741039637A | Student and Faculty | National | Application under Examination | 12000.00             | 0.00                     | 12000.00  |

## Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

| Financial Year | Name of the Innovative Technology Commercialized/Transferred   | Patent No   | Type of Patent | Year of Patent Issued | Conversion of Patent / Innovative Technologies to Commercialization |                          | Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rs.) (As of 31st March 2018) |          | Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded) |          |
|----------------|--|-------------|----------------|-----------------------|---|--------------------------|---|----------|---|----------|
| 2015-16        | A NOVEL METHOD AND SYSTEM FOR DETECTING NEAR DUPLICATORS FOR BOTH WEB DOCUMENTS AND NORMAL DOCUMENTS | 627CHE2014A | National       | 2015                  | Mode of Commercialization   | Conversion into Start-up | Institute Own/Internal Fund (in Rs.)  | 20000.00 | Institute Own/Internal Fund (in Rs.)  | 20000.00 |
|                |  |             |                |                       | Name of Agency / Org / Industry / Start-up Adopted Technology       | NIL                      | Sponsorship / Grant Fund  | 0.00     | Sponsorship / Grant Fund  | 0.00     |
|                |  |             |                |                       |   |                          | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018 | 20000.00 | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018         | 20000.00 |

**Innovations Commercialized and IP Licensed**

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

|         |   |               |          |      |   |   |   |          |   |          |
|---------|---|---------------|----------|------|---|---|---|----------|---|----------|
| 2016-17 | ADVANCED SYSTEM FOR DETECTING A COMPUTING DEVICE AND METHODS EMPLOYED THEREOF | 201741039539A | National | 2017 | Mode of Commercialization                                     | Conversion into Start-up  | Institute Own/Internal Fund (in Rs.)  | 20000.00 | Institute Own/Internal Fund (in Rs.)  | 20000.00 |
|         |   |               |          |      | Name of Agency / Org / Industry / Start-up Adopted Technology | Department of Industrial Policy & Promotion<br>Ministry of Commerce & Industry<br>Government of India | Sponsorship / Grant Fund  | 0.00     | Sponsorship / Grant Fund  | 0.00     |
|         |   |               |          |      |   |   | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018 | 20000.00 | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018 | 20000.00 |
| 2017-18 | SYSTEM AND METHOD FOR AUTOMATICALLY CLOSING A SMART BIN DOOR                  | 201741039538A | National | 2017 | Mode of Commercialization                                     | Conversion into Start-up  | Institute Own/Internal Fund (in Rs.)  | 20000.00 | Institute Own/Internal Fund (in Rs.)  | 20000.00 |
|         |   |               |          |      | Name of Agency / Org / Industry / Start-up Adopted Technology | CMRCET  | Sponsorship / Grant Fund  | 0.00     | Sponsorship / Grant Fund  | 0.00     |
|         |   |               |          |      |   |   | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018 | 20000.00 | Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018 | 20000.00 |

**Grant / Fund Generated / Received by Institute to support Innovation & Start-up**

Total Annual Grant / Fund Generated / Received / Mobilized from Govt., Non Govt. and Private Agencies towards Creation of Pre-Incubation and Incubation Infrastructure and Facilities in Campus

| Financial Year of Fund Generated | Grant Agency Type | Grant Agency Name                         | Total Grant Period (in Years) | Total Grant Allocated Amount (in Rs.) | Total Grant Received Amount (in Rs.) (as of 31st March 2018) | Purpose of Grant Utilization (Multiple options can be selected)        | Purpose of Grant Utilization (Other) |
|----------------------------------|-------------------|---|-------------------------------|---------------------------------------|--|--|--------------------------------------|
| 2016-17                          | Government        | Department of Science and Technology      | 03                            | 3000000.00                            | 3000000.00   | Pre-Incubation & Incubation Facility/Infrastructure Creation,<br>Other | FIST PROGRAM DST                     |
| 2017-18                          | Government        | Department of Science and Technology      | 3                             | 2500000.00                            | 560000.00  | Other  | Women Scientist Scheme - A           |
| 2017-18                          | Government        | Department of Science and Technology-CSRI | 3                             | 3523600.00                            | 990000.00  | Other  | CSRI DST                             |

**Venture Fund / Investment mobilized to support Innovation & Start-up**

Total Angel/Venture Fund Mobilized Annually towards Investment Commitment/Support Innovators/Start-ups incubated at Institute

| Financial Year | Investor Type                                       | Amount Committed / Lined Up (in Rs.) | Total Number of Successful Investments in Ideas / Innovation / Start-ups | Total Amount Invested |
|----------------|---|--------------------------------------|--|-----------------------|
| 2016-17        | Institute / Incubator's Own Investment Fund, if any | 120000.00                            | 2  | 120000.00             |
| 2017-18        | Institute / Incubator's Own Investment Fund, if any | 480000.00                            | 4  | 480000.00             |

Revenue Generated from Incubation Services offered by the Institute

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

| Financial Year of Revenue Generated | Name of the Startup | Startup lead by | Current Phase of Startup | Revenue Generated from Incubation                   |  |  |                                  |
|-------------------------------------|---------------------|-----------------|--------------------------|---|--|--|----------------------------------|
|                                     |                     |                 |                          | From Rental / Advisory / Training Services (in Rs.) | Equity / Share Percentage (%) in Startup | From Equity/Share held in Startup (in Rs.) | Total Revenue Generated (in Rs.) |
| 2017-18                             | CODENOW             | Faculty         | Receiving Incubation     | 0.00  | 0  | 0.00                                       | 0.00                             |
| 2017-18                             | INEX                | Student         | Receiving Incubation     | 0.00  | 0  | 0.00                                       | 0.00                             |

Infrastructures & Facilities to Support Innovations and Start-ups

Advanced Infrastructure

Advanced Lab Infrastructure/Facilities available to Support Innovation and Start-Up

Yes

If Yes, Type of Lab Infrastructures / Facilities Available (Multiple Options can be Selected)

Design Centre, Maker Space

List Maximum Five Advanced Labs Infrastructures Available in your Campus

| Name of the Centre                                   | Sector Focus of Centre (Separate Multiple Sectors with Comma ",")                                    | Name of the Centre In charge | Email of the Centre In charge |
|--|--|------------------------------|-------------------------------|
| Centre for Innovation and Entrepreneurship           | Students to Startups, Students to Corporate, Education to Entrepreneurship                           | Dr. Suresh Merugu            | msuresh@cmrcet.org            |
| Centre for Engineering Education and Research        | Engineering Exploration, Social Innovation, Engineering Projects in Community Services               | Ms. Soujanya Dundigal        | rd@cmrcet.org                 |
| Centre for Artificial Intelligence and Deep Learning | Making Deep Learning and AI skills mainstream in India to fulfill. Trilateral needs of entrepreneurs | Dr. K. Vijaya Kumar          | hodcse@cmrcet.org             |
| Centre for Data Science and Big Data Analytics       | Learn how to apply Hadoop, HDFS, MapReduce, and get introduced in to R Language and Explore differen | Mr. S. Sivaskandha           | sivaskandha@gmail.com         |
| Center of Excellence- Virtusa                        | To improve the readiness of students in BPM Technology and FULL STACK DEVELOPMENT before entering in | Mr. S. Gnanendra Reddy       | sgnanendra@gmail.com          |

Pre Incubation Centre Available in your Campus

**Infrastructures & Facilities to Support Innovations and Start-ups**

|  |  |                              |                               |
|--|--|------------------------------|-------------------------------|
| Advanced Infrastructure  |  |                              |                               |
| Pre-Incubation Centre  |  |                              |                               |
| Yes  |  |                              |                               |
| Type of Centre (Multiple options can be selected)  |  |                              |                               |
| EDC/IEDC/NEW Gen EDC, Innovation Cell/Startup Cells, Student Innovation and Entrepreneurship Clubs |  |                              |                               |
| List Maximum Five Pre-Incubation Centre Available in your Campus                                   |  |                              |                               |
| Name of the Centre   | Sector Focus of Centre (Separate Multiple Sectors with Comma ",")                                    | Name of the Centre In charge | Email of the Centre In charge |
| Centre for Innovation and Entrepreneurship   | Students to Startups, Students to Corporate, Education to Entrepreneurship, Engineering Exploration, | Dr. Suresh Merugu            | msuresh@cmrcet.org            |
| Centre for Engineering Education and Research  | Engineering Exploration, Social Innovation, Engineering Projects in Community Services               | Ms. Soujanya Dundigal        | rd@cmrcet.org                 |

|  |  |                              |                               |
|--|--|------------------------------|-------------------------------|
| Incubation Unit/Acceleration Centre/ Research Park / STEP                          |  |                              |                               |
| Incubation Unit/Acceleration Centre/ Research Park / STEP Available in your Campus |  |                              |                               |
| Yes  |  |                              |                               |
| Type of Centre (Multiple options can be selected)                                  |  |                              |                               |
| Incubation Centre, Research Park   |  |                              |                               |
| List Maximum Five Pre-Incubation Centre Available in your Campus                   |  |                              |                               |
| Name of the Centre   | Sector Focus of Centre (Separate Multiple Sectors with Comma ",")                                    | Name of the Centre In charge | Email of the Centre In charge |
| Centre for Innovation and Entrepreneurship   | Students to Startups, Students to Corporate, Education to Entrepreneurship, Engineering Exploration, | Dr. Suresh Merugu            | msuresh@cmrcet.org            |
| Centre for Engineering Education and Research                                      | Engineering Exploration, Social Innovation, Engineering Projects in Community Services               | Ms. Soujanya Dundigal        | rd@cmrcet.org                 |

**Student Projects recognized at National / International Level**

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

| Financial Year of Award Received | Name of the Award / Program   | Awarding Agency Name   | Type of Award | Current Status (as of 31st March 2018)      | Total Team Size (Student + Faculty) |
|----------------------------------|---|--|---------------|---|-------------------------------------|
| 2015-16                          | Won Five Thousand USD from worlds most popular social network FACEBOOK                    | Discovery of a Security threat on FACEBOOK                   | International | Technology Development/Pre Incubation Phase | 2                                   |
| 2015-16                          | ITU TELECOM WORLD PRESENTS YOUNG INNOVATOR CHAMPIONSHIP 2015 WITH WORLD WIDE RANKING 3979 | ITU TELECOM WORLD PRESENTS YOUNG INNOVATOR CHAMPIONSHIP 2015 | National      | Startup under Incubation Phase              | 2                                   |

**Student Projects recognized at National / International Level**

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

|         |  |  |               |   |   |
|---------|--|--|---------------|---|---|
| 2015-16 | The Microsoft Imagine Cup is the worlds premier student technology competition. Over the past ten years, more than 1.65 million students from more than 190 countries have participated in the Imagine Cup | The Microsoft Imagine Cup  | International | Technology Development/Pre Incubation Phase | 3 |
| 2015-16 | Won the MANIPAL TEENOVATOR 2014  | MANIPAL TEENOVATOR 2014  | National      | Technology Development/Pre Incubation Phase | 2 |
| 2016-17 | RECOGNITION FROM MINISTRY OF SMALL MEDIUM SCALE ENTERPRISES  | MINISTRY OF SMALL MEDIUM SCALE ENTERPRISES   | National      | Technology Development/Pre Incubation Phase | 3 |
| 2016-17 | INSEF SILVER MEDAL HOLDER INDIAN SCIENCE and ENGINEERING FAIR BY SCIENTIFIC SOCIETY OF INDIA   | SCIENTIFIC SOCIETY OF INDIA  | National      | Technology Development/Pre Incubation Phase | 2 |
| 2016-17 | GOT THE NAME ON NASA INSIGHT MISSION PASS NO J2M2495002845241  | NASA INSIGHT MISSION   | National      | Technology Development/Pre Incubation Phase | 2 |
| 2016-17 | International Youth worker award   | India Srilanka Youth Exchange Program  | National      | Technology Development/Pre Incubation Phase | 1 |
| 2016-17 | Hyderabad Best Coder Award   | Being Zeros Hyderabad  | National      | Technology Development/Pre Incubation Phase | 1 |
| 2016-17 | bagged the first place in the Indian National kickboxing championship in the under 18 category.  | AP kickboxing ASSOCIATION  | National      | Technology Development/Pre Incubation Phase | 1 |
| 2016-17 | Ethical Hacker   | examination administered by EC- Council.   | National      | Technology Development/Pre Incubation Phase | 1 |
| 2016-17 | gold medal in center fire pistol shoot 25 mtrs and silver medal in standard pistol   | National championship, Chennai   | National      | Technology Development/Pre Incubation Phase | 1 |
| 2016-17 | TWO student-ideas of our Campus have been shortlisted among Top 25 Innovators (Southern Region) to participate in Regional Workshop of 9th India Innovation Initiative 2017                                | AICTE-CII  | National      | Technology Development/Pre Incubation Phase | 2 |
| 2016-17 | presented paper on Jamming and Anti-Jamming at Felicity-2017   | IIIT, Hyderabad  | National      | Technology Development/Pre Incubation Phase | 2 |
| 2016-17 | CMRCET (TEAM INDIANA F5) has qualified in the first phase and ranked 133 position across India and ranked 3rd in both Telugu states in the BAJA SAE INDIA 2017   | CHRIST UNIVERSITY, Bangalore.  | National      | Technology Development/Pre Incubation Phase | 6 |
| 2017-18 | Our team AlphaGo from CMR College of Engineering and Technology got 117th rank out of 269 teams in the ACM ICPC Asia Amritapuri onsite contest 2017-2018   | ACM ICPC held in the Amritapuri, Kerala  | National      | Technology Development/Pre Incubation Phase | 3 |
| 2017-18 | Anti coding winners  | Bits Pilani, Rajasthan   | National      | Technology Development/Pre Incubation Phase | 3 |
| 2017-18 | Clay Modeling competition  | IIT BHU, Varanasi  | National      | Technology Development/Pre Incubation Phase | 1 |
| 2017-18 | best patented project in Techno Xian 2017  | organized by Times World Group in association with Ministry of Science and Technology, Govt of India and All India Council for Robotics and Automation | National      | Technology Development/Pre Incubation Phase | 4 |



**Student Projects recognized at National / International Level**

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned Agencies/Awards

|         |  |   |          |   |    |
|---------|--|---|----------|---|----|
| 2017-18 | The annual NSS youth festival, saw huge participation from many under graduate colleges this year. From the plethora of categories, Our College managed to bag three gold medals in different events | JNTUH   | National | Technology Development/Pre Incubation Phase | 20 |
| 2017-18 | JNTUH team for the State Level Youth festival won the dance competition  | NSS cell Kakatiya University, Warangal.   | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | won consolation prize in Category of ESSAY WRITING   | State Level Youth Festival (Kakatiya University)                                | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | The Youth Icon of Telangana  | ICT Youth talk- Telangana   | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | got 9th and 15th rank in Hyderabad Best Coder Contest 2018   | Hyderabad Best Coder Contest 2018   | National | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | our college teams won the second, third and fourth positions   | NASA space apps challenge conducted in IARE college of Engineering              | National | Technology Development/Pre Incubation Phase | 15 |
| 2017-18 | Best Participant CSI Pune Chapters Joshi Award   | IT olympiad in Pune   | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | won 2nd prize in MLRITM FEST   | Malla Reddy Institution of Technology and Management in category of ad- Wiser   | National | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | won 1st prize place in MLRITM FEST   | Malla Reddy Institution of Technology and Management in event of Stock Exchange | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | 1st prize in AMS FEST  | Andhra Mahila Sabha B-School in the category of Startup Idea                    | National | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | won 1st prize in Medha Fest  | Bhavans College in category of Finanace Event                                   | National | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | won 1st prize in Medha Fest organized  | Bhavans College in Activity of MOTOCROSS  | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | TOP 3RD POSITION IN ROBOVEDA 2017 RANVEERA NATIONAL LEVEL TECHNICAL SYMPOSIUM  | ROBOVEDA 2017 RANVEERA NATIONAL LEVEL TECHNICAL SYMPOSIUM                       | National | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | GOT FIRST POSITION IN VERSIO 2017 SRM UNIVERSITY RAMAPURAM CAMPUS CHENNAI  | VERSIO 2017 SRM UNIVERSITY RAMAPURAM CAMPUS CHENNAI                             | National | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | BEST ROBOTIC DESIGN AWARD 2018   | ROBOTIC DESIGN  | National | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | Got Merit in KHOJ startup pitching competition Organised by BITS Pillani Hyderabad   | Startup Pitching Competition BITS Pillani Hyderabad                             | National | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | Second position at Smart City Hackathon by Telangana State Government Engineered a solution for intelligent traffic management using computer vision and deep learning                               | Smart City Hackathon by Telangana State Government                              | National | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | Grand Finalist as one of the Team Selected in Smart India Hackathon 2018 by All India Council for Technical Education AICTE  | AICTE and MHRD  | National | Technology Development/Pre Incubation Phase | 7  |

**Student Projects recognized at National / International Level**

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

|         |  |   |               |   |    |
|---------|--|---|---------------|---|----|
| 2017-18 | Sixth position in Data Science Hackathon by Jawaharlal Nehru Technological University Hyderabad Created fraud detection classifier using Genetic Algorithm and Neural Networks | Jawaharlal Nehru Technological University Hyderabad | National      | Technology Development/Pre Incubation Phase | 5  |
| 2017-18 | Thirty fourth position and Grand Finalist in ACM ICPC Asia Regionals 2017  | ACM ICPC Asia Regionals 2017                        | National      | Technology Development/Pre Incubation Phase | 5  |
| 2017-18 | All India 393rd position   | TechGig 2017  | National      | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | All India 94th position  | TCS CodeVita 2018                                   | National      | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | 2nd position CodeKing 2018 by Jawaharlal Nehru Technological University Hyderabad  | Jawaharlal Nehru Technological University Hyderabad | National      | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | 1st position in TopCoder 2018  | CMR College of Engineering and Technology           | National      | Technology Development/Pre Incubation Phase | 1  |
| 2017-18 | Best Paper Award   | Azura 2018  | National      | Technology Development/Pre Incubation Phase | 2  |
| 2017-18 | Shortlisted for this Achievement award for best construction projects and code F   | AICTE VISHWAKARMA AWARDS                            | National      | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | One Idea Shortlisted for ICT ACADEMY INNOVATION AWARDS   | ICT ACADEMY, HYDERABAD                              | National      | Technology Development/Pre Incubation Phase | 3  |
| 2017-18 | Shortlisted Five Ideas Under IEEE Engineering Projects in Community Services   | IUCEE   | International | Startup under Incubation Phase              | 24 |

**Innovations to Startups**

No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute

| Financial Year | Innovation / Start-Up Name | Founded by          | Name of the Co-Founders (Multiple Names can be mentioned with Commas)   | Received Incubation | Name of Incubator                           | Period of Incubation Received (in Years) | Startup with Corporate Identification Number (CIN) Registration | Corporate Identification Number (CIN) No. | Current Startup Status | Startup Grown to an annual turnover of Rs. 50 Lakhs (or) 10 employees for a period of 2 years |
|----------------|----------------------------|---------------------|---|---------------------|---|--|---|---|------------------------|---|
| 2017-18        | INEX                       | Student and Faculty | Sk Moinuddin  | Yes                 | INVENTIVE CORE INTEGRATIONS PRIVATE LIMITED | 7  | Yes   | U72900TG2018PTC 125572                    | Receiving Incubation   | Yes   |
| 2017-18        | CODENOW                    | Faculty             | Dr Suresh Merugu, S Gnanendra Reddy, Dr K Vijaya Kumar, Dr V A Narayana | Yes                 | CODENOW                                     | 7  | Yes   | U93090TG2018PTC 128300                    | Receiving Incubation   | Yes   |

**Co-Incubation Partnership**

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

| Financial Year | Type of Partnership                                     | Partnership Institute Name                       | Type of Support Offered (Multiple Options can be Selected) | No. of Student Projects/ Ideas / Innovation / Startups Supported |
|----------------|---|--|--|--|
| 2017-18        | Incubation Services/Support Extended to Other Institute | Mallareddy College of Engineering and Management | Mentoring  | 20   |
| 2017-18        | Incubation Services/Support Extended to Other Institute | CMR Engineering College                          | Incubation,Mentoring                                       | 120  |

**Co-Incubation Partnership**

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

|         |   |                |                                 |     |
|---------|---|----------------|---------------------------------|-----|
| 2017-18 | Incubation Services/Support Extended to Other Institute             | KPRIT          | Mentoring                       | 64  |
| 2017-18 | Incubation Services/Support Received from Other Institute/Incubator | MSME BALANAGAR | Incubation,Mentoring,Networking | 120 |

**Courses on Innovation, IPR and Entrepreneurship Development**

Short Term Certificate Courses, Regular Academic Programs and Courses offered at Institute on Innovation, IPR and Entrepreneurship Development for Students, Faculties and Start-ups

| Academic Year | Title of Course                            | Subject Focus of Course                     | Type of Course           | Mode of Delivery | Duration of Course / Subject (Minimum 30 Contact Hours) | Total Enrollment for the Course | Total Nos. Completed the Course |
|---------------|--|---|--------------------------|------------------|---|---------------------------------|---------------------------------|
| 2015-16       | Gender Sensitization and Skill Development | Cognitive skill Development                 | Bachelor                 | Classroom        | 30  | 840                             | 840                             |
| 2016-17       | MBA  | Innovation and Entrepreneurship Development | Credit Course (Elective) | Classroom        | 30  | 120                             | 114                             |
| 2017-18       | B Tech                                     | Innovation and Entrepreneurship Development | Credit Course (Elective) | Classroom        | 30  | 60                              | 51                              |
| 2017-18       | B Tech                                     | Design thinking                             | Bachelor                 | Classroom        | 21  | 200                             | 200                             |
| 2017-18       | B Tech                                     | IPR   | Bachelor                 | Classroom        | 30  | 510                             | 500                             |

**Faculty with Entrepreneurial Experience**

Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc.

| Academic Year | Faculty Name         | Department | Years of Experience in Start-up / Entrepreneurship | Area of Expertise (Multiple Options can be Selected)                                      | Level of Involvements as | Is Faculty, a Founder/Director of any Start-up | Name of the Start-up (Multiple Startups can be mentioned with Comma) | Director Identification Number (DIN) |
|---------------|----------------------|------------|--|---|--------------------------|--|--|--------------------------------------|
| 2016-17       | Dr Suresh Merugu     | 03         | Centre for Innovation and Entrepreneurship         | Innovation Design,IPR,Entrepreneurs hip Development,Start-up Operation                    | Mentor                   | Yes  | CODENOW  | 6612898                              |
| 2017-18       | Mr S Gnanendra Reddy | 02         | Computer Science and Engineering                   | Innovation Design,Business Modelling,Entrepreneurshi p Development,Start-up Operation     | Innovator                | Yes  | CODENOW  | 6618370                              |
| 2017-18       | Dr K Vijaya Kumar    | 04         | Computer Science and Engineering                   | Innovation Design,IPR,Business Modelling,Entrepreneurshi p Development,Start-up Operation | Mentor                   | Yes  | CODENOW  | 6618543                              |
| 2017-18       | Dr V A Narayana      | 05         | Computer Science and Engineering                   | Innovation Design,IPR,Business Modelling,Entrepreneurshi p Development,Start-up Operation | Founder                  | Yes  | CODENOW  | 6618564                              |

**Innovation in Governance**

Best Innovative Solutions Developed In-house for Improving Governance of Your Institution

| Financial Year | Categories | Title of the Innovation | Brief About Solutions / Approaches Developed and Deployed in Your Institute | Total Project Amount (in Rs.) | Revenue Generated (in Rs.) | Impact created (No. of Direct Beneficiaries/Users) |
|----------------|------------|-------------------------|---|-------------------------------|----------------------------|--|
|----------------|------------|-------------------------|---|-------------------------------|----------------------------|--|

**Innovation in Governance**

**Best Innovative Solutions Developed In-house for Improving Governance of Your Institution**

|         |  |   |  |            |      |      |
|---------|--|---|--|------------|------|------|
| 2015-16 | Creativity and Cognitive Skill Development of Students | Soft Skills and Professional Ethics           | This centre shall provide an opportunity to students in the Institute to reorient themselves in the light of emerging employment opportunities in Engineering undergraduate, PG and Diploma students at all level. This programme will empower the students by providing special skill training apart from regular academic study. This will also ensure that these students will enhance their skills with the help of the modules on communication skills, personality development and proficiency in English Language and professional ethics too. The main objective is to create opportunities, space and scope for the development of the talents of the students and to develop them more. Training the underprivileged students in a state of art technology and making them skilled and employable is the objective of the skilled centre. The college through its training centre will equip them with skills that will provide them with an opportunity, in the industry, to work or to start their own micro centre. | 860000.00  | 0.00 | 2148 |
| 2017-18 | Security and Surveillance                              | Enhanced Educational Achievement through CCTV | The use of CCTV in Institutions is becoming increasingly popular, and not just as a security measure. Whilst any sort of recording medium must be approached sensitively in an educational environment where students are involved, the benefits are being enjoyed by establishments in many ways. Where students are aware that they are being monitored, effects on their concentration can be very positive. In fact, it has been demonstrated that CCTV monitoring can boost productivity leading to enhanced educational achievement. Lessons recorded for review and training purposes. CCTV is far less intrusive than having another teacher or assessor in the classroom and the footage provides useful feedback for the teacher in training themselves. Whether employed as a security measure or to protect faculty and students, CCTV delivered powerful results. In our Institution each and every class room is equipped with CCTV and Smart ICT techniques have been placed.                                     | 1150000.00 | 0.00 | 3520 |

Responsibility for accuracy and authenticity of data lies with the concerned institution.