



Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: RVS COLLEGE OF ENGINEERING [ARI-A-44415]

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

| Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus | Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure) | Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure) | Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF) |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| RVS COLLEGE OF ENGINEERING | 193186000.00 | 193186000.00 | Document Uploaded in ARIIA DSP |
| Total (Rupees in Figure) | 193186000.00 | 193186000.00 | |

Institute Type : Colleges/Institutes (Private / Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 1121

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 140

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

| Name of Program (Full Name) | Program Theme | Program Type | Program Category | Organizing Department / Centre / Student Body Name | Program Start Date | Program End Date | Program Duration(in Days) | Program Location | Internal Participants (Student) | Internal Participants (Faculty) | External Participants (Student) | External Participants (Faculty) | Total Number of Participants | Had institute spent expenses either from own resource/rec eived fund to organise the program/acti vity/event? | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) |
|----------------------------------------------------------|------------------------------|-----------------|----------------------------|----------------------------------------------------------------|------------------------|------------------------|---------------------------------|---------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| ENTREPRE NEURSHIP DEVELOPM ENT | Entrepreneur ship/Startup | WORKSHO P | Student Lead Activity | MBA | 06-08-2019 00:00:00 | 08-08-2019 00:00:00 | 3 | Within Campus | 78 | 10 | 0 | 0 | 88 | Yes | 10000 |
| GUEST LECTURE ON NEW SPINNING TECHNIQU ES | Innovation | WORKSHO P | Student Lead Activity | TEXTILE TECHNOLO GY | 21-09-2019 00:00:00 | 21-09-2019 00:00:00 | 1 | Within Campus | 92 | 6 | 0 | 0 | 98 | No | |
| RECENT TRENDS IN FASHION INDUSTRY | Innovation | SEMINOR | Student Lead Activity | TEXTILE TECHNOLO GY | 12-09-2019 00:00:00 | 12-09-2019 00:00:00 | 1 | Within Campus | 92 | 6 | 0 | 0 | 98 | No | |
| ELECTROL AWARENES S PROGRAM | Innovation | TECH FEST | Institute Lead Activity | RVS COLLEGE OF ENGINEERI NG | 15-10-2019 00:00:00 | 16-10-2019 00:00:00 | 2 | Within Campus | 100 | 10 | 0 | 0 | 110 | Yes | 10000 |

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

| Rashtriya Poshan Maah | Innovation | SEMINOR | Institute Lead Activity | RVS COLLEGE OF ENGINEERI NG | 19-09-2019 00:00:00 | 19-09-2019 00:00:00 | 1 | Within Campus | 250 | 10 | 0 | 0 | 260 | Yes | 5000 |
|-----------------------------|------------|---------|----------------------------|-----------------------------------------|------------------------|------------------------|---|------------------|-----|----|---|---|-----|-----|------|
|-----------------------------|------------|---------|----------------------------|-----------------------------------------|------------------------|------------------------|---|------------------|-----|----|---|---|-----|-----|------|

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

| 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/Rec ognitions/Ac hievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/rec eived fund towards sending delegation to participate/re present the program/acti vity/event? | Total Expense Amount Incurred by Institute? (In Rupees) |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------|---------------------------------------------------------|------------------------------|------------------------|------------------------|---------------------------------|----------------------------|---------------------------|------------------------------------|------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| DESIGN,MA NUFACTURI NG AND CHARACTE RIZATION OF MICRO AND NANO COMPOSIT E MATERIALS | Entrepreneur ship/Startup | STTP | THIAGARAJ AR COLLEGE OF ENGINEERI NG | Govt. Agency (State) | 30-01-2019 00:00:00 | 05-02-2019 00:00:00 | 7 | 0 | 40 | 40 | No | | | No | |
| ENTREPRE NEURSHIP DEVELOPM ENT | Entrepreneur ship/Startup | FDP | KUMARAGU RU COLLEGE OF TECHNOLO GY | Educational Institute | 10-12-2018 00:00:00 | 20-12-2018 00:00:00 | 11 | 0 | 50 | 50 | No | | | No | |
| NATIONAL LEVEL TECHNICAL SYMPOSIU M | Innovation | TECH FEST | SSM COLLEGE OF ENGINEERI NG | Educational Institute | 19-09-2019 00:00:00 | 20-09-2019 00:00:00 | 2 | 16 | 0 | 16 | Yes | III PRIZE | NATURAL TIE | No | |
| NATIONAL LEVEL TECHNICAL SYMPOSIU M | Innovation | TECH FEST | INDIAN INSTITUTE OF HANDLOOM TECHNOLO GY | Govt. Agency (Central) | 28-09-2019 00:00:00 | 28-09-2019 00:00:00 | 1 | 5 | 0 | 5 | Yes | III PRIZE | POSTER PRESENTA TION | No | |
| FASHION ART | Innovation | WORKSHO P | DREAM ZONE MADURAI | Non-Govt. Agencies | 06-10-2019 00:00:00 | 06-10-2019 00:00:00 | 1 | 9 | 0 | 9 | No | | | No | |
| Role of IPR in Innovation Management Academic Industry Collaboratio | IPR | National level workshop | Sethu institute of technology | Educational Institute | 07-02-2019 00:00:00 | 07-02-2019 00:00:00 | 1 | 0 | 2 | 2 | No | | | No | |

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

| | nstitutions of agencies at national of international level | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|----------------------------------------|------------------------|------------------------|----|---|---|---|-----|-------------------|-----------------------------------|----|---|
| trends and research challenges on Nano CMOS VLSI circuits by industry standard EDA tools | Innovation | STTP | Sree Vidyaniketha n Engineering College Triupathi | Educational Institute | 05-05-2019 00:00:00 | 14-05-2019 00:00:00 | 10 | 0 | 2 | 2 | No | | | No | |
| Entrepreneur ship awareness Camp | Entrepreneur ship/Startup | SEMINOR | ANNA UNIVERSIT Y REGIONAL CAMPUS | Educational Institute | 08-08-2019 00:00:00 | 08-08-2019 00:00:00 | 1 | 4 | 0 | 4 | No | 1 | 1 | No | |
| Tech feast | Innovation | Symposium | SBM College of Engineering and Tech | Educational Institute | 01-03-2019 00:00:00 | 01-03-2019 00:00:00 | 1 | 1 | 0 | 1 | Yes | IST PRIZE | PAPER PRESENTA TION | No | |
| Indian Engineering Olympiad | Innovation | EXAM | Indian Engineering Olypid 2017- 2018 | Govt. Agency (State) | 25-02-2019 00:00:00 | 25-02-2019 00:00:00 | 1 | 3 | 0 | 3 | No | 1 | | No | |
| National level Engineering students award competition | Innovation | EXHIBITION | Institute for steel Developmen t andGrowth | Govt. Agency (Central) | 12-02-2019 00:00:00 | 12-02-2019 00:00:00 | 1 | 3 | 0 | 3 | No | | | No | |
| PALS THINK CREATE ENGINEER | Innovation | COMPETITI ON | IIT PALS | Govt. Agency (Central) | 05-12-2018 00:00:00 | 08-12-2018 00:00:00 | 4 | 1 | 0 | 1 | No | - | | No | |
| COMPOSIT E MATERIALS | Innovation | WORKSHO P | PSNA COLLEGE OF ENGINEERI NG AND TECH | Educational Institute | 21-02-2018 00:00:00 | 21-02-2018 00:00:00 | 1 | 3 | 0 | 3 | No | - | -1 | No | 1 |
| IIT PALS INNOVATIO N COMPETIT ON | Innovation | INNOVATIO N CHALLENG E COMPETITI ON | IIT PALS | Corporate / Industry Association | 28-02-2019 00:00:00 | 28-02-2019 00:00:00 | 1 | 4 | 1 | 5 | Yes | FINALIST PRIZE | SMART GARBAGE COLLECTO R | No | 1 |

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

| Title of Course/Subject Offered | Program Theme | Type of Course | Level of Course | Program Start Date | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Enrolment Number | Total Number of Students Completed | Total Numbers of Contact Hours of Course |
|------------------------------------------|--------------------------|---------------------------|-----------------|------------------------|------------------------|---------------------------------|------------------|---------------------------|------------------------------------------|------------------------------------------------|
| CLOUD COMPUTING AND BIGDATA | Innovation | Short term Certificate | Master | 20-09-2019 00:00:00 | 23-09-2019 00:00:00 | 4 | Online | 45 | 45 | 30 |
| ENTREPRENEUR SHIP DEVELOPMENT PROGRAM | Entrepreneurship/Startup | EDP | Master | 06-08-2019 00:00:00 | 08-08-2019 00:00:00 | 3 | Offline | 78 | 78 | 30 |
| PYTHON FULLSTACK WEB DEVOLOPEMENT | Entrepreneurship/Startup | Short term Certificate | Bachelor | 03-08-2019 00:00:00 | 28-09-2019 00:00:00 | 57 | Offline | 10 | 10 | 60 |

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

| Name of Centre | Type of Facility | Year of Facility Creation | Facility Location / Address | Facility Incharge | Carpet Area of Facility | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities? | Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities? |
|-----------------------------------|-----------------------|------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| DATA PROCESSING INCUBATION CENTRE | Pre–Incubation Centre | 2018 | RVS COLLEGE OF ENGINEERING | Facility Incharge Name DR AP JAGADE ESAN Facility Incharge Email iqacrvsce tdgl@rvs group.co m Facility Incharge Phone P8948123 | 1200 Sq. Ft. | Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees) | No |

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

| Name of Centre | Source of Grant / Fund | Agency Name | Agency Type | Had Received Grants / Funds by Pre- Incubation & Incubation Centre / Facilities exists in Campus? | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) |
|-----------------------------------|---------------------------------|-------------|-------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| DATA PROCESSING INCUBATION CENTRE | Institute's Own Fund / Resource | | | No | |

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

| Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre | Name of Centre | Stage of Innovation (TRL Stage) | Innovation Developed by | Year of Innovation / Project Started | Type of Innovation | Current Status Pre- Incubation/Incubati on Support Received | Current Status of Innovation, Stage of TRL it has reached | 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 2018-19 | Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19 | Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19? |
|-------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------|----------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNMANNED WILD ANIMAL REPELLER | DATA PROCESSING INCUBATION CENTRE | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student | 2018 | Non-IP / Non- Patented Technology | Still Under Development Process | TRL 2 : Technology formulation. Concept and application have been formulated. | No | No | No |
| | | | | | | | | | | |

| Principal Innovator | rincipal Innovator | | | | | | | | | | | |
|---------------------|--------------------|--------|--------------------------|------------|--|--|--|--|--|--|--|--|
| Name | Туре | Gender | Email | Contact | | | | | | | | |
| DR.R.MARUTHAMUTHU | Faculty | Male | maruthamuthu81@gmail.com | 9994736426 | | | | | | | | |

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Co-Incubation Partnership

| Type of Partnership | Partnership Institute Name | Type of Support Offered | No. of Student Projects/ Ideas / Innovation / Startups Supported | Date of MOU / Agreement Signed on |
|---------------------------------------------------------|----------------------------|-------------------------|---------------------------------------------------------------------|-----------------------------------|
| Incubation Services/Support Extended to Other Institute | SRI TECHNOLOGIES | Mentoring | 15 | 18-09-2019 |

Technology Commercialization / Transfer

No Data Filed!

Declaration

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

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. R.Saravanan (Head of Institute) and Dr. R. Maruthamuthu (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

NS/2010/19

Dr. R.Saravanan
Head of the Institution,
RVS COLLEGE OF ENGINEERING,
Dindigul, Tamil Nadu, Tamil Nadu

Nodal officer

Pennsol 10/19

Dr. R. Maruthamuthu Nodal Officer, RVS COLLEGE OF ENGINEERING, Dindigul, Tamil Nadu, Tamil Nadu

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