



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) - 2019-20

Institute Name: C. V. Raman College of Engineering [ARI-C-30045]

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) |
|---|--|--|--|
| C. V. Raman College of Engineering, Bhubaneswar | 435361597.00 | 417521979.00 | Document Uploaded in ARIIA DSP |
| Total (Rupees in Figure) | 435361597.00 | 417521979.00 | |

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) := 3306

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 249

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/ received fund to organise the program/activity/event? | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) |
|--|--------------------------|--------------|-------------------------|--|---------------------|---------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|--|--|
| Invited Talk - Multi-frame Statistic for visual surveillance | Innovation | Speak | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 07-07-2018 00:00:00 | 07-07-2018 00:00:00 | 1 | Within Campus | 72 | 15 | 0 | 0 | 87 | Yes | 17000 |
| NBA Workshop | Innovation | Conference | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 20-07-2018 00:00:00 | 21-07-2018 00:00:00 | 2 | Within Campus | 0 | 24 | 0 | 0 | 24 | Yes | 13452 |
| HackwithInfy | Innovation | Hackathon | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 23-07-2018 00:00:00 | 09-08-2018 00:00:00 | 18 | Within Campus | 12 | 3 | 0 | 0 | 15 | Yes | 12748 |
| Meeting on Entrepreneurship - Explore the possibility of innovation and Entrepreneurship | Entrepreneurship/Startup | Ideation | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 09-09-2018 00:00:00 | 09-09-2018 00:00:00 | 1 | Within Campus | 26 | 15 | 0 | 0 | 41 | Yes | 14963 |

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

| | | | | | | | | | | | | | | | |
|---|------------|--------------------|-------------------------|----------------------------------|---------------------|---------------------|---|----------------|-----|----|---|---|-----|-----|-------|
| Idea Presentation | Innovation | Ideation | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 29-09-2018 00:00:00 | 29-09-2018 00:00:00 | 1 | Outside Campus | 55 | 9 | 0 | 0 | 64 | Yes | 8700 |
| E-Innova Event | Innovation | Workshop | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 04-10-2018 00:00:00 | 04-10-2018 00:00:00 | 1 | Within Campus | 41 | 17 | 0 | 0 | 58 | Yes | 12458 |
| Peהל - Ek Suruwat | Innovation | Skill Development | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 27-10-2018 00:00:00 | 27-10-2018 00:00:00 | 1 | Within Campus | 83 | 16 | 0 | 0 | 99 | Yes | 16748 |
| Technical Talk - Disjunctive total domination on tori | Innovation | Skill Development | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 27-10-2018 00:00:00 | 27-10-2018 00:00:00 | 1 | Within Campus | 42 | 12 | 0 | 0 | 54 | Yes | 15248 |
| Invited Talk-Sensitization of Students on Gender based violence | Innovation | Motivational Speak | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 02-11-2018 00:00:00 | 02-11-2018 00:00:00 | 1 | Within Campus | 38 | 13 | 0 | 0 | 51 | Yes | 13425 |
| PCB Training | Innovation | Training | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 12-11-2018 00:00:00 | 16-11-2018 00:00:00 | 5 | Within Campus | 118 | 15 | 0 | 0 | 133 | Yes | 18258 |
| CTTC Workshop - Advanced Technology | Innovation | Workshop | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 24-11-2018 00:00:00 | 24-11-2018 00:00:00 | 1 | Within Campus | 25 | 13 | 0 | 0 | 38 | Yes | 12325 |
| Smart India Hackathon | Innovation | Hackathon | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 02-03-2019 00:00:00 | 03-03-2019 00:00:00 | 2 | Within Campus | 117 | 18 | 0 | 0 | 135 | Yes | 19263 |
| Cheminova | Innovation | B-Plan Competition | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 06-03-2019 00:00:00 | 07-03-2019 00:00:00 | 2 | Within Campus | 35 | 12 | 0 | 0 | 47 | Yes | 12852 |
| Invited Talk - Advance in Fluid Film Bearing | Innovation | Ideation | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 11-03-2019 00:00:00 | 11-03-2019 00:00:00 | 1 | Within Campus | 26 | 11 | 0 | 0 | 37 | Yes | 11742 |
| Workshop on Network Simulation Platforms NS3 | IPR | workshop | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 28-06-2019 00:00:00 | 29-06-2019 00:00:00 | 2 | Within Campus | 54 | 18 | 0 | 0 | 72 | Yes | 12742 |

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

| | | | | | | | | | | | | | | | |
|--|--------------------------|----------|-------------------------|----------------------------------|---------------------|---------------------|---|---------------|----|----|---|---|----|-----|-------|
| Workshop on IPR | IPR | WORKSHOP | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 11-03-2019 00:00:00 | 11-03-2019 00:00:00 | 1 | Within Campus | 27 | 12 | 0 | 0 | 39 | Yes | 14785 |
| Roadmap on move towards Autonomous Higher Education Institutions | Entrepreneurship/Startup | WORKSHOP | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 21-02-2019 00:00:00 | 21-02-2019 00:00:00 | 1 | Within Campus | 32 | 16 | 0 | 0 | 48 | Yes | 10248 |
| Seminar on Startup Mantra | Entrepreneurship/Startup | SEMINAR | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 19-01-2019 00:00:00 | 19-01-2019 00:00:00 | 1 | Within Campus | 39 | 13 | 0 | 0 | 52 | Yes | 13233 |
| Training program for Startups and MSMEs | Entrepreneurship/Startup | Training | Student Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 12-10-2018 00:00:00 | 12-10-2018 00:00:00 | 1 | Within Campus | 28 | 13 | 0 | 0 | 41 | Yes | 14248 |
| Talk on Research related activities. | IPR | workshop | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 26-09-2018 00:00:00 | 26-09-2018 00:00:00 | 1 | Within Campus | 29 | 10 | 0 | 0 | 39 | Yes | 12485 |
| Conducted one IPR seminar for students and faculty | IPR | Seminar | Institute Lead Activity | C V RAMAN COLLEGE OF ENGINEERING | 07-07-2018 00:00:00 | 07-07-2018 00:00:00 | 1 | Within Campus | 26 | 12 | 0 | 0 | 38 | Yes | 12485 |

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed 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/Recognitions/Achievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event? | Total Expense Amount Incurred by Institute? (In Rupees) |
|-----------------------------|---------------|--------------|------------------------------------|------------------------|--------------------|------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|
|-----------------------------|---------------|--------------|------------------------------------|------------------------|--------------------|------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|

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

| | | | | | | | | | |
|------------------|-----------------|------|---|-------------------------|-----------------------|---------------|--|---|----|
| CVRCE-TBI Centre | Incubation Unit | 2019 | C.V. RAMAN COLLEGE OF ENGINEERING CAMPUS BIDYANAGAR MAHURA JANLA BHUBANESWAR 752054 | Facility Incharge Name | ANOOP KUMAR DADUVAI | 28946 Sq. Ft. | Yes | | No |
| | | | | Facility Incharge Email | chairman@cvrgi.edu.in | | Annual Capital Expenditure (In Rupees) | 0 | |
| | | | | Facility Incharge Phone | 9790927896 | | Annual Operational Expenditure (In Rupees) | 0 | |

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) |
|------------------|---------------------------------|-------------|-------------|--|---|
| CVRCE-TBI 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/Incubation 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/Innovations 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/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? | | | | | | | | | | | | | | | |
|--|------------------|--|-------------------------|--------------------------------------|----------------------------------|---|--|--|---|---|---------------------|----|----|--|--|------|------|--------|-------|---------|----|---------|------|-------------------|---|
| NA | CVRCE-TBI Centre | TRL 0 : Idea. Unproven concept, no testing has been performed. | Student | 2019 | Non-IP / Non-Patented Technology | Still Under Development Process | TRL 0 : Idea. Unproven concept, no testing has been performed. | <table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>0</td> </tr> </table> | Yes | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) | 0 | No | No | | | | | | | | | | | | |
| Yes | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>Student</td> <td>Male</td> <td>INFO@CVRGI.EDU.IN</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | | Principal Innovator | | | | | Name | Type | Gender | Email | Contact | NA | Student | Male | INFO@CVRGI.EDU.IN | 0 |
| Principal Innovator | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Type | Gender | Email | Contact | | | | | | | | | | | | | | | | | | | | | |
| NA | Student | Male | INFO@CVRGI.EDU.IN | 0 | | | | | | | | | | | | | | | | | | | | | |

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

| Name of Start-up Received Funding / Grant from Centre | Name of Centre | Year of Registration | Registered as | Start-up with Corporate Identification Number (CIN) Registration | Start-up Founded by | Type of Innovation | Current Status Pre-Incubation/Incubation Support Received | Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19 | Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19? | Had the Start-up 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 Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ? |
|---|------------------|----------------------|------------------------|--|------------------------|----------------------------------|---|--|---|--|--|
| NA | CVRCE-TBI Centre | 2018-19 | Registered Partnership | NA | Faculty and Student | Non-IP / Non-Patented Technology | Receiving Incubation Support from Incubation Unit | No | No | No | No |
| Founder | | | | | | | | | | | |
| | | | Name | DIN Number | Type | Gender | Email | Contact | | | |
| | | | NA | NA | Incubatee Entrepreneur | Male | INFO@CVRGI.EDU.IN | 0 | | | |

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 | NA | Pre-incubation | 0 | 31-10-2019 |
| Incubation Services/Support Received from Other Institute/Incubator | NA | Incubation | 0 | 31-10-2019 |

Technology Commercialization / Transfer

| Name of Technology Licenced / Transferred / Commercialized | Technology Type | Type of Transfer | Patent / Licence Number | Patent / Licence Holder | Centre / Department of Origin of Licence | Licence Transferred to | Had institute spent expenses either from own resource/received fund to organise the program/activity/event? | Total Annual Income Received from Technology Transfer/Licensing (In Rupees) |
|--|-----------------|------------------|-------------------------|-------------------------|--|------------------------|---|---|
|--|-----------------|------------------|-------------------------|-------------------------|--|------------------------|---|---|

Technology Commercialization / Transfer

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|-----------------------------|----|--|---|----|----------------------------------|---|-------------------------|--------------------|--------|------|----|--|------------------------|----------|--|----|-------------------|----|--------------------------|----|-----------------|--------------------|----|-----|
| NA | Non-IP/Non-Patented Technology | One-time transfer/Licensing | NA | <table border="1"> <tr> <td data-bbox="844 113 1010 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1010 113 1144 236">NA</td> </tr> <tr> <td data-bbox="844 236 1010 320">Contact number of license holder</td> <td data-bbox="1010 236 1144 320">0</td> </tr> <tr> <td data-bbox="844 320 1010 384">Email of Licence holder</td> <td data-bbox="1010 320 1144 384">INFO@CVR GI.EDU.IN</td> </tr> <tr> <td data-bbox="844 384 1010 528">Gender</td> <td data-bbox="1010 384 1144 528">Male</td> </tr> </table> | Patent/Licence Holder name (Institute Co-ownership is Must) | NA | Contact number of license holder | 0 | Email of Licence holder | INFO@CVR GI.EDU.IN | Gender | Male | NA | <table border="1"> <tr> <td data-bbox="1366 113 1532 177">Licence Transferred to</td> <td data-bbox="1532 113 1666 177">Start-up</td> </tr> <tr> <td data-bbox="1366 177 1532 320">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1532 177 1666 320">NA</td> </tr> <tr> <td data-bbox="1366 320 1532 384">Address of Agency</td> <td data-bbox="1532 320 1666 384">NA</td> </tr> <tr> <td data-bbox="1366 384 1532 469">Contact Number of Agency</td> <td data-bbox="1532 384 1666 469">00</td> </tr> <tr> <td data-bbox="1366 469 1532 528">Email of Agency</td> <td data-bbox="1532 469 1666 528">INFO@CVR GI.EDU.IN</td> </tr> </table> | Licence Transferred to | Start-up | Name of Industry/Start-up/Agency Received License/Technology | NA | Address of Agency | NA | Contact Number of Agency | 00 | Email of Agency | INFO@CVR GI.EDU.IN | No | --- |
| Patent/Licence Holder name (Institute Co-ownership is Must) | NA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contact number of license holder | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email of Licence holder | INFO@CVR GI.EDU.IN | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gender | Male | | | | | | | | | | | | | | | | | | | | | | | | | |
| Licence Transferred to | Start-up | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of Industry/Start-up/Agency Received License/Technology | NA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address of Agency | NA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contact Number of Agency | 00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email of Agency | INFO@CVR GI.EDU.IN | | | | | | | | | | | | | | | | | | | | | | | | | |

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 Prof. Bhabes Bhattacharya (Head of Institute) and Mrs. SOUMYA MISHRA (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



31.10.2019

Prof. Bhabes Bhattacharya
Head of the Institution,
C. V. Raman College of Engineering ,
BHUBANESWAR, Odisha

Nodal officer



31.10.2019

Mrs. SOUMYA MISHRA
Nodal Officer,
C. V. Raman College of Engineering ,
BHUBANESWAR, Odisha