



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Kannur University, Kannur [ARI-U-0256]

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

| Department / Center / Unit Name | Type of Department / Center / Unit | Mention the Stream / Discipline / Sector of focus | Department / Center / Unit Level | Program Type | Student / Beneficiary Strength (2019-20) | Academic Staff Strength (2019-20) | Non-academic Staff Strength (2019-20) |
|---|---------------------------------------|--|----------------------------------|---------------|--|-----------------------------------|---------------------------------------|
| Biotechnology and Microbiology department, Inter University Centre for Bioscience | Academic Department with lab facility | Microbiology, Biotechnology, Computational Biology | UG / PG / PhD | Non-Technical | 43 | 9 | 1 |
| Department of Information Technology | Academic Department with lab facility | Multidisciplinary | UG / PG / PhD | Both | 107 | 10 | 5 |
| Department of Management Studies-Business Incubation Centre | Incubation Unit | Multidisciplinary | UG / PG / PhD | Non-Technical | 45 | 7 | 1 |
| Chemistry-Sophisticated Instrumentation Facility Centre under RUSA funding | Academic Department with lab facility | Multidisciplinary | UG / PG / PhD | Non-Technical | 44 | 4 | 4 |

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

| Programs/Initiatives | Status | Registration ID |
|--|--------|-----------------------------------|
| Adopted National Innovation and Start-up Policy at the HEI | Yes | Not Required |
| Establishment of Institution's Innovation Council (IIC) at HEI | Yes | IIC Registration ID : IC202115629 |
| Trained Innovation Ambassadors at HEI | No | Not Required |
| Participation in Smart India Hackathon (SIH) | No | Not Required |
| Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC | No | Not Required |
| Participation in National Education Alliance of Technology (NEAT) | No | Not Required |

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

| Srno | Name of Program (Full Name) | Program Theme | Program Type | Program Category | Organizing Department / Centre / Student Body Name | Program Start Date | Program End Date | Program Duration(in Days) | Program Location | Internal Participants (Student) | Internal Participants (Faculty) | External Participants (Student) | External Participants (Faculty) | Total Number of Participants | Had institute spent expenses either from own resource/received fund to organise the program/activity/event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research? |
|------|-----------------------------|---------------|--------------|------------------|--|--------------------|------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|
|------|-----------------------------|---------------|--------------|------------------|--|--------------------|------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|

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

| | | | | | | | | | | | | | | | | | | |
|---|----------------------------|--------------------------|--------------------|-------------------------|--|---------------------|---------------------|----|----------------|-----|----|-----|---|-----|--|--|--|----------------|
| 1 | Agro Conclave | Innovation | Conference | Institute Lead Activity | Innovation and Entrepreneurship Development Centre-BIC | 21-10-2019 00:00:00 | 21-10-2019 00:00:00 | 1 | Within Campus | 85 | 10 | 50 | 5 | 150 | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) | 16340 | No | |
| 2 | Launch of Roadmap startup | Entrepreneurship/Startup | Start-up Conclave | Student Lead Activity | Roadmap | 23-11-2019 00:00:00 | 23-11-2019 00:00:00 | 1 | Outside Campus | 10 | 2 | 100 | 0 | 112 | No | No | | |
| 3 | Idea Contest | Innovation | Ideation | Institute Lead Activity | Innovation and Entrepreneurship Development Centre | 25-11-2019 00:00:00 | 25-11-2019 00:00:00 | 1 | Within Campus | 25 | 3 | 10 | 0 | 38 | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) | 10000 | Award / Position / Recognition Secured | Promising Idea |
| | | | | | | | | | | | | | | | | Title of Innovation / Start-up Secured the Award / Recognition | Farm in a Box | |
| | | | | | | | | | | | | | | | | Award/Recognition/Achievement Received for | Idea/Innovation/Prototype | |
| 4 | Launch of smart Model farm | Entrepreneurship/Startup | Demo Day | Institute Lead Activity | Innovation and Entrepreneurship Development centre-BIC | 20-01-2020 00:00:00 | 31-03-2020 00:00:00 | 72 | Within Campus | 10 | 5 | 0 | 0 | 15 | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) | 25000 | No | |
| 5 | ZEITGEIST 2020 IT FEST | Innovation | Innovation Contest | Institute Lead Activity | Department of Information Technology | 22-01-2020 00:00:00 | 23-01-2020 00:00:00 | 2 | Within Campus | 120 | 10 | 312 | 0 | 442 | No | No | | |

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

| Smo | Name of Program (Full Name) | Program Theme | Program Type | Organizing Agency / Institute Name | Organizing Agency Type | Program Start Date | Program End Date | Program Duration(in Days) | Participants (Students) | Participants (Faculty) | Total Number of Participants | Awards/Recognitions/Achievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/received fund towards sending delegation to participate / represent the activity /event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research | |
|-----|-----------------------------|---------------|--------------|--|------------------------|---------------------|---------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|--|---|----|
| 1 | Agro Conclave | Innovation | Conference | Innovation and Entrepreneurship Development Centre-BIC | Govt. Agency (State) | 21-10-2019 00:00:00 | 21-10-2019 00:00:00 | 1 | 135 | 15 | 150 | No | --- | --- | Total Expense Amount Incurred by Institute? (In Rupees) | 16340 | No |

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

| | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|------------|--------------------|---|----------------------|---------------------|---------------------|----|----|---|----|-----|----------------|---------------|---|----|---|--|
| 2 | Idea Contest | Innovation | Ideation | Innovation and Entrepreneurship Development centre-BIC | Govt. Agency (State) | 25-11-2019 00:00:00 | 25-11-2019 00:00:00 | 1 | 35 | 3 | 38 | Yes | Promising Idea | Farm in a box | Total Total Expense Amount Incurred by Institute? (In Rupees) 10000 | | Award / Position / Recognition Secured Promising Idea | |
| 3 | KDISC Young Innovators Program 2019 | Innovation | Innovation Contest | Kerala Development and Innovation Strategic Council (K-DISC) | Govt. Agency (State) | 23-12-2019 00:00:00 | 23-12-2019 00:00:00 | 1 | 4 | 2 | 6 | No | --- | --- | No | No | | |
| 4 | KDISC Young Innovators Program 2019 | Innovation | Innovation Contest | Kerala Development and Innovation Strategic Council (K-DISC)- Govt. Of Kerala | Govt. Agency (State) | 16-12-2019 00:00:00 | 31-12-2019 00:00:00 | 16 | 4 | 1 | 5 | No | --- | --- | Total Total Expense Amount Incurred by Institute? (In Rupees) 6500 | | No | |

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

| Srno | Title of Course/Subject Offered | Program Theme | Type of Course | Course Offering Department/Centre/Unit Name | Level of Course | Program Start Date | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course (Minimum 30 Contact hours) |
|------|---|--------------------------|-----------------------------|---|--|--------------------|------------------|---------------------------|------------------|-------------------------------|--|
| 1 | Entrepreneurship development and project management | Entrepreneurship/Startup | Elective/Core Credit Course | Credit Course (Compulsory) | Department of Management Studies | 11-01-2019 | 31-03-2020 | 446 | Offline | 45 | 60 |
| 2 | ETHICS PATENCY AND IPR | IPR | Elective/Core Credit Course | Credit Course (Elective) | Department of Biotechnology and Microbiology | 01-11-2019 | 31-03-2020 | 152 | Offline | 24 | 60 |
| 3 | Ethics patency and intellectual property rights | IPR | Elective/Core Credit Course | Credit Course (Elective) | Department of Molecular Biology | 01-11-2019 | 31-03-2020 | 152 | Offline | 15 | 60 |

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

| Srno | Title of the Training Program | Program Theme | Type of Course | Course Offering Department/Centre/ Unit Name | Program Start Date | Program End Date | Program Duration(In Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course (Minimum 30 Contact hours) |
|------|----------------------------------|---------------|---|--|--------------------|------------------|---------------------------|------------------|-------------------------------|--|
| 1 | Training program on SAP Software | Innovation | Employment Generation Training Programs | Department of Management Studies | 09-01-2019 | 31-12-2019 | 357 | Offline | 120 | 60 |

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

| Srno | Faculty Name | Department/Centre/Unit Name | Designation | Do you have a degree in I&E & IPR? | Had the faculty received training on I&E & IPR during AY 2019-20 | | | | |
|---|---|----------------------------------|--|--|--|---------------------|---------------------|-----------------------------|------------------|
| 1 | Dr. Soumya L | Biotechnology and Microbiology | Assistant Professor | No | Yes | | | | |
| | Training Name | Training Theme | Type of Course | Training Agency Name | Training Agency Type | Training Start Date | Training End Date | Training Duration (in Days) | Mode of Delivery |
| | IPRICK - INTELLECTUAL PROPERTY RIGHTS INFORMATION CENTER KERALA | IPR | FDP in I&E, IPR | KSCSTE, Govt of Kerala | Govt. Agency (State) | 04-01-2021 00:00:00 | 29-03-2021 00:00:00 | 85 | Online |
| 2 | Dr. U Faisal | Department of Management Studies | Professor and Head of the Department | No | No | | | | |
| 3 | Dr Baiju K. V. | Department of Chemistry | Assistant Professor | No | No | | | | |
| 4 | Dr. Soorej M Basheer | Department of Molecular Biology | Associate Professor and Head of the Department | No | Yes | | | | |
| | Training Name | Training Theme | Type of Course | Training Agency Name | Training Agency Type | Training Start Date | Training End Date | Training Duration (in Days) | Mode of Delivery |
| | Design for Kerala | Innovation | FDP in I&E, IPR | K-DISC, Govt. Of Kerala | Govt. Agency (State) | 09-12-2019 00:00:00 | 10-12-2019 00:00:00 | 2 | Offline |
| 5 | Dr. Sreeja Chellappan | Department of Molecular Biology | Assistant Professor (Contract) | No | Yes | | | | |
| | Training Name | Training Theme | Type of Course | Training Agency Name | Training Agency Type | Training Start Date | Training End Date | Training Duration (in Days) | Mode of Delivery |
| | Design Kerala | Innovation | FDP in I&E, IPR | ICT Academy of Kerala and KDISC Govt of Kerala | Govt. Agency (State) | 09-12-2019 00:00:00 | 10-12-2019 00:00:00 | 2 | Offline |
| 6 | Vidhu Sekhar P | Centre for Management Studies | Assistant Director (Contract) | No | Yes | | | | |
| | Training Name | Training Theme | Type of Course | Training Agency Name | Training Agency Type | Training Start Date | Training End Date | Training Duration (in Days) | Mode of Delivery |
| | Rural Entrepreneurship Development (RED) Action Plan | Entrepreneurship/Startup | FDP in I&E, IPR | Mahatma Gandhi National Council for Rural Education. Hyderabad | Govt. Agency (Central) | 18-09-2020 00:00:00 | 18-09-2020 00:00:00 | 1 | Online |
| | Rural India Business Conclave | Entrepreneurship/Startup | FDP in I&E, IPR | ICAR-CPCRI and Kerala Start up Mission | Educational Institute | 01-03-2020 00:00:00 | 02-03-2020 00:00:00 | 2 | Offline |
| Technology Vision 2035 and Potential for Innovation | Innovation | FDP in I&E, IPR | IIC-MIT ADT, Pune | Educational Institute | 15-12-2020 00:00:00 | 15-12-2020 00:00:00 | 1 | Online | |

| 7 | Dr. V. Shaharban | Department of Economics | | | Assistant Professor | No | | Yes | |
|---|---|----------------------------------|-----------------|--|------------------------|---------------------------------------|---------------------|-----------------------------|------------------|
| | Training Name | Training Theme | Type of Course | Training Agency Name | Training Agency Type | Training Start Date | Training End Date | Training Duration (in Days) | Mode of Delivery |
| | Rural Entrepreneurship and Rural Engagement for Higher Educational Institutions | Entrepreneurship/Startup | FDP in I&E, IPR | Mahatma Gandhi National Council of Rural Education | Govt. Agency (Central) | 11-09-2020 00:00:00 | 11-09-2020 00:00:00 | 1 | Online |
| 8 | Dr. Anagha K. | Department of Management Studies | | | Assistant Professor | Highest degree name in I&E and IPR | Doctorate | | No |
| | | | | | | Degree Type | PhD | | |
| | | | | | | Year of Highest degree in I&E and IPR | 2018 | | |

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

| Srno | Name of Student Club | Type of Club | Year of Establishment | Type of Facilities Available at the Club | Student Club with Access to Other I&E Facilities at the HEI | No of Programs/Activities Organized by the Student Club During the AY 2019-20 | Student Club Team Lead Name | Student Club Team Lead Email | Student Club Team Lead Phone |
|------|----------------------------|-----------------|-----------------------|--|---|---|-----------------------------|------------------------------|------------------------------|
| 1 | ED Club | Startup Club | 2013 | Work Stations | Incubation Unit | 2 | Muneer T. K. | munnas1986@gmail.com | 9895865032 |
| 2 | IEDC | Innovation Club | 2016 | Co-working Space | Incubation Unit | 4 | Muneer T. K. | munnas1986@gmail.com | 9895865032 |
| 3 | Business Incubation Centre | Innovation Club | 2015 | Co-working Space | Innovation Park/Research Park | 4 | Muneer T.K. | munnas1986@gmail.com | 9895865032 |
| 4 | Idea Club | Idea Club | 2020 | Co-working Space | Incubation Unit | 0 | Divija Balan | divijabalas@gmail.com | 9446314895 |

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

| Srno | Name of Pre-Incubation Centre | Type of Facility | Year of Establishment | Type of Facilities Available at the Centre | Pre-Incubation with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional) | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20 | Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities? | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities? | | | | | | |
|-------------------------|-------------------------------|------------------|-----------------------|--|---|---|--|---|---|--|--|-------------------------|------------|---|-----|----|-----|
| 1 | BIOINNOVATION CENTER | Startup Cell | 2019 | Co-working Space | Innovation Labs | Innovation Labs | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Jayadevi Variyar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodbiotchnology@kannuru.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9446359851</td> </tr> </table> | Facility Incharge Name | Dr Jayadevi Variyar | Facility Incharge Email | hodbiotchnology@kannuru.ac.in | Facility Incharge Phone | 9446359851 | 1 | Yes | No | Yes |
| Facility Incharge Name | Dr Jayadevi Variyar | | | | | | | | | | | | | | | | |
| Facility Incharge Email | hodbiotchnology@kannuru.ac.in | | | | | | | | | | | | | | | | |
| Facility Incharge Phone | 9446359851 | | | | | | | | | | | | | | | | |

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

| Source of Grant / Fund | | Agency Name | | Agency Type | | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) | | | | | | | | | | | |
|-------------------------|----------------------|-------------------------|------|------------------------|-----------------|---|--|------------------------|--------------|-------------------------|----------------------|-------------------------|------------|----|-----|----|-----|
| Funding Agency | | RUSA | | Govt. Agency (Central) | | 15000000 | | | | | | | | | | | |
| 2 | IEDC | IEDC | 2015 | Co-working Space | Incubation Unit | Incubation Unit | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. U Faisal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>faisaludms@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9447852915</td> </tr> </table> | Facility Incharge Name | Dr. U Faisal | Facility Incharge Email | faisaludms@gmail.com | Facility Incharge Phone | 9447852915 | 15 | Yes | No | Yes |
| Facility Incharge Name | Dr. U Faisal | | | | | | | | | | | | | | | | |
| Facility Incharge Email | faisaludms@gmail.com | | | | | | | | | | | | | | | | |
| Facility Incharge Phone | 9447852915 | | | | | | | | | | | | | | | | |
| Source of Grant / Fund | | Agency Name | | Agency Type | | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) | | | | | | | | | | | |
| Funding Agency | | Kerala Start Up Mission | | Govt. Agency (State) | | 200000 | | | | | | | | | | | |

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

| Srno | Name of CoE Facility | Year of Establishment | CoE with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with CoE, if any (Optional) | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20? | Had institute Generated Income either from Services Offered by CoE Centre/Facilities? | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities? | | | | | | |
|-------------------------|---|-----------------------|--|---|---|---|--|---|---|-------------------------|------------|---|----|----|-----|
| 1 | Sophisticated Instrumentation Facility Centre | 2020 | Innovation Labs | RUSA | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Nizamuddin K. M.</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodphysics@kannuruniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9387838499</td> </tr> </table> | Facility Incharge Name | Dr. Nizamuddin K. M. | Facility Incharge Email | hodphysics@kannuruniv.ac.in | Facility Incharge Phone | 9387838499 | 1 | No | No | Yes |
| Facility Incharge Name | Dr. Nizamuddin K. M. | | | | | | | | | | | | | | |
| Facility Incharge Email | hodphysics@kannuruniv.ac.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 9387838499 | | | | | | | | | | | | | | |
| Source of Grant / Fund | | Agency Name | | Agency Type | | Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees) | | | | | | | | | |
| Funding Agency | | RUSA | | Govt. Agency (Central) | | 41500000 | | | | | | | | | |

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

| |
|------------------------|
| No Data Filled! |
|------------------------|

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

| Srno | Name of IPR Cell/Technology Transfer Centre Facility | Year of Establishment | IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional) | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20? | Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre? | Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20? | | | | | | |
|-------------------------|--|-----------------------|--|---|---|---|--|---|--|-------------------------|-----------|---|----|----|----|
| 1 | IPR Cell | 2009 | Pre-Incubation, Incubation Unit | NA | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Sadasi van C.</td> </tr> <tr> <td>Facility Incharge Email</td> <td>csadasivan@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>944620147</td> </tr> </table> | Facility Incharge Name | Dr Sadasi van C. | Facility Incharge Email | csadasivan@gmail.com | Facility Incharge Phone | 944620147 | 4 | No | No | No |
| Facility Incharge Name | Dr Sadasi van C. | | | | | | | | | | | | | | |
| Facility Incharge Email | csadasivan@gmail.com | | | | | | | | | | | | | | |
| Facility Incharge Phone | 944620147 | | | | | | | | | | | | | | |

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

| Srno | Name of the Faculty | Designation of the Faculty | Mentor Expert Area | Years of Experience in Mentorship (In Years) |
|-----------------|---|--|---|--|
| 1 | Dr. U Faisal | Professor and Head of the Department | Entrepreneurship/Startup Development | 5 |
| | Name of Idea/Innovation/ Startup Mentored | | Mentoring Setup [Within (or) Outside] HEI | CIN (in case it is Startup) |
| | Smart Farming | | Within | |
| Inscenario Labs | | Within | | |
| 2 | Dr Baiju K. V. | Assistant Professor | Idea/Innovation Development | 3 |
| | Name of Idea/Innovation/ Startup Mentored | | Mentoring Setup [Within (or) Outside] HEI | CIN (in case it is Startup) |
| | KDISC-Young Innovators Program | | Within | |
| 3 | Dr. Soorej M Basheer | Associate Professor and Head of the Department | Idea/Innovation Development | 2 |
| | Name of Idea/Innovation/ Startup Mentored | | Mentoring Setup [Within (or) Outside] HEI | CIN (in case it is Startup) |
| | KDISC-Young Innovators Program 2019 | | Within | |

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

| Srno | Name of the External Expert/Agency as Mentor | Mentor Expert Area | Type of Mentorship |
|------|---|------------------------------------|-------------------------|
| 1 | IUCIPRS-Inter University Centre for IPR Studies | IPR Protection & Commercialization | Unstructured Mentorship |

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

| | | | |
|---|-----------------------|--------------------------------------|-------------------------|
| 2 | OmicGen Life Sciences | Entrepreneurship/Startup Development | Unstructured Mentorship |
|---|-----------------------|--------------------------------------|-------------------------|

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

| Srno | Name of the Innovation Generated with the Support of HEI | Type of Innovation | Nature of Innovation | Name of the HEI Supported Innovation Development | Innovation Developed by | Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20 | Stage of Innovation /Stage of TRL reached as on 31st March 2020 | Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020 | Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20 | Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20 | Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20 | Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20 | Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------|--------------------------|--|-------------------------|--|--|--|---|--|--|--|--|--|-----------------|--------|--|--------------------|------------|---------|------|------------------------|------------|------|------|--------|-------|---------|----------------|---------|------|--------------------------|------------|----------------------|---------|------|---------------------|------------|
| 1 | Phormidin -novel anti-cancer drug | Product Innovation | Technological | | Student-Faculty | TRL 2 : Technology formulation. Concept and application have been formulated . | TRL 3 : Applied research. First laboratory tests completed ; proof of concept. | Innovation Development Ongoing | <table border="1"> <tr> <td>Agency Name</td> <td>Ministry of Earth Sciences , Govt of India</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Project Funding</td> </tr> </table> | Agency Name | Ministry of Earth Sciences , Govt of India | Agency Type | Govt. Agency (Central) | Award / Position / Recognition Secured | Project Funding | No | <table border="1"> <tr> <td>Grant Amount in Rs</td> <td>200000</td> </tr> </table> | Grant Amount in Rs | 200000 | No | No | | | | | | | | | | | | | | | | | |
| Agency Name | Ministry of Earth Sciences , Govt of India | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agency Type | Govt. Agency (Central) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award / Position / Recognition Secured | Project Funding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grant Amount in Rs | 200000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Sabu A</td> <td>Faculty</td> <td>Male</td> <td>sabua@kannuruniv.ac.in</td> <td>9995760629</td> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Dr. Haridas M.</td> <td>Faculty</td> <td>Male</td> <td>mharidasm@rediffmail.com</td> <td>9446252450</td> </tr> <tr> <td>Dr. Prasanth Shankar</td> <td>Student</td> <td>Male</td> <td>sooraj.in@gmail.com</td> <td>7012132248</td> </tr> </tbody> </table> | | | | | | | | | | | | | | Name | Type | Gender | Email | Contact | Dr. Sabu A | Faculty | Male | sabua@kannuruniv.ac.in | 9995760629 | Name | Type | Gender | Email | Contact | Dr. Haridas M. | Faculty | Male | mharidasm@rediffmail.com | 9446252450 | Dr. Prasanth Shankar | Student | Male | sooraj.in@gmail.com | 7012132248 |
| Name | Type | Gender | Email | Contact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dr. Sabu A | Faculty | Male | sabua@kannuruniv.ac.in | 9995760629 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Type | Gender | Email | Contact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dr. Haridas M. | Faculty | Male | mharidasm@rediffmail.com | 9446252450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dr. Prasanth Shankar | Student | Male | sooraj.in@gmail.com | 7012132248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Roadmate | Service Innovation | Technological | | Student | TRL 2 : Technology formulation. Concept and application have been formulated . | TRL 9 : Full commercial application , technology available for consumers . | Innovation Adopted and Implemented at Ground | No | No | No | No | No | | | | | | | | | | | | | | | | | | | | | | | | | |

| Name | Type | Gender | Email | Contact |
|-------|---------|--------|---------------------|------------|
| Jiyad | Student | Male | jiyadcp04@gmail.com | 9947629002 |

| Name | Type | Gender | Email | Contact | | | | | | | | | |
|-----------|--------------------|---------------|---------|---|---|--|----|-----|--------------------|-------|-----|----|---|
| Techter n | Process Innovation | Technological | Student | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | TRL 9 : Full commercial application , technology available for consumers. | Innovation Adopted and Implemented at Ground | No | Yes | Grant Amount in Rs | 30000 | Yes | No | 3 |

| Name | Type | Gender | Email | Contact |
|--------------------|---------|--------|----------------|------------|
| Dr. Raji Sukumaran | Student | Female | raji@gmail.com | 8606595503 |

| Name | Type | Gender | Email | Contact | | | | | | | | | | | | | | |
|------|-------------|--------------------|---------------|---------|---|---|--------------------------------|-------------|-----------------------|-------------|----------------------|--|------------------------------------|-----|--------------------|------|----|----|
| 4 | Mark barber | Service Innovation | Technological | Student | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Innovation Development Ongoing | Agency Name | KDISC, Govt of Kerala | Agency Type | Govt. Agency (State) | Award / Position / Recognition Secured | YIP 2019, Young Innovators Program | Yes | Grant Amount in Rs | 5000 | No | No |

| Name | Type | Gender | Email | Contact |
|--------|---------|--------|-------------------------|------------|
| Afthab | Student | Male | afthabshamsud@gmail.com | 8547894881 |

| Name | Type | Gender | Email | Contact | | | | | | | | | |
|------------------|--------------------|---|---------|---|--|--------------------------------|----|----|----|----|----|----|---|
| Inscenar io Labs | Product Innovation | Non-Technological / Social / Community Innovation | Student | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | TRL 3 : Applied research. First laboratory tests completed ; proof of concept. | Innovation Development Ongoing | No | No | No | No | No | No | 5 |

| Name | Type | Gender | Email | Contact |
|---------|---------|--------|---------------------|------------|
| Abhitaj | Student | Male | abhithaj9@gmail.com | 9496340467 |

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

No Data Filled!

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

| Srno | Collaborated Agency Name | Collaborated Agency Type | Purpose of Collaboration | Type of Support Offered | No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership | Date of MOU / Agreement Signed on |
|------|------------------------------|----------------------------------|--|-------------------------|---|-----------------------------------|
| 1 | Kerala Start Up Mission | Govt. Agency (State) | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Networking | 20 | 01-01-2019 |
| 2 | John and smith solutions LLP | Corporate / Industry Association | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Mentoring | 2 | 12-04-2020 |
| 3 | OmicsGen Life Sciences | Corporate / Industry Association | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Mentoring | 5 | 05-02-2020 |

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

No Data Filled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

| Srno | Title/Name of Patent | IP Registration Number | Date of Filed/Published (Year, Month) | Application Level | Copy of receipt / application screenshot [PDF or Image] |
|------|--|------------------------|---------------------------------------|-------------------|---|
| 1 | Tacrine derivatives targeting nmda receptor, acetylcholine esterase, butyryl choline and beta secretase activity | 207604 | International | 2019 - 10 | Uploaded |
| 2 | Novel compound for fatty acid synthase inhibition | 1681117 | International | 2020 - 03 | |

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

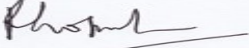
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Gopinath Ravindran (Head of Institute) and Dr. Soorej M Basheer (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



30-03-2021

Prof. Gopinath Ravindran
Head of the Institution,
Kannur, Kerala

Nodal officer



30-03-2021

Dr. Soorej M Basheer
Nodal Officer,
Kannur, Kerala