



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: Central University of South Bihar [ARI-U-0062]

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) |
|----------------------------------|---------------------------------------|---|----------------------------------|---------------|--|-----------------------------------|---------------------------------------|
| Physics | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 81 | 8 | 3 |
| Chemistry | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 68 | 5 | 3 |
| Mathematics | Academic Department with lab facility | Teaching and Research | UG / PG / PhD | Non-Technical | 78 | 6 | 5 |
| Statistics | Academic Department with lab facility | Teaching and Research | UG / PG / PhD | Non-Technical | 17 | 4 | 2 |
| Computer Science | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Both | 69 | 5 | 3 |
| Biotechnology | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 75 | 6 | 1 |
| Bioinformatics | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 65 | 7 | 1 |
| Environmental Science | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 61 | 6 | 1 |
| Life Science | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 78 | 7 | 1 |
| Commerce and Business Management | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 56 | 6 | 2 |
| Mass Communication and Media | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 59 | 5 | 1 |
| Psychology | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 32 | 5 | 1 |
| English | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 60 | 8 | 1 |
| Hindi | Academic Department with lab facility | Teaching and Research | UG / PG / PhD | Non-Technical | 43 | 7 | 1 |
| History | Academic Department with lab facility | Teaching, Research & Exploration | UG / PG / PhD | Non-Technical | 36 | 4 | 0 |
| Development Studies | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 35 | 6 | 1 |

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

| | | | | | | | |
|----------------------|---------------------------------------|---------------------------------|---------------|---------------|-----|----|---|
| Political Studies | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 36 | 5 | 0 |
| Economics | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 65 | 6 | 1 |
| Sociological Studies | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 55 | 6 | 1 |
| Law and Governance | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 471 | 10 | 1 |
| Education | Academic Department with lab facility | Teaching, Research & Innovation | UG / PG / PhD | Non-Technical | 447 | 19 | 2 |

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 | No | Not Required |
| 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? |
|------|---|---------------|---------------------|-------------------------|--|---------------------|---------------------|----------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|
| 1 | IPR Awareness Program 2019 | IPR | Awareness | Institute Lead Activity | Central University of South Bihar | 31-08-2019 00:00:00 | 31-08-2019 00:00:00 | 1 | Within Campus | 56 | 12 | 0 | 0 | 68 | No | No |
| 2 | Training on License and Assignment of Copyright | IPR | Training | Student Lead Activity | Central University of South Bihar | 22-04-2019 00:00:00 | 22-04-2019 00:00:00 | 1 | Within Campus | 52 | 0 | 0 | 0 | 52 | No | No |
| 3 | Orientation Session on IPR | IPR | Orientation Session | Student Lead Activity | Central University of South Bihar | 15-07-2019 00:00:00 | 15-07-2019 00:00:00 | 1 | Within Campus | 49 | 0 | 0 | 0 | 49 | No | No |

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

| | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------|--------------------|-------------------------|-----------------------------------|---------------------|---------------------|---|---------------|---|---|---|----|----|----|---|--|------------------------------------|--|--------------------------------|--|---------------------------|
| 4 | CUSB PMMMN MTT Award 2019 for Innovative Practices | Innovation | Innovation Contest | Institute Lead Activity | Central University of South Bihar | 03-12-2019 00:00:00 | 08-12-2019 00:00:00 | 6 | Within Campus | 0 | 0 | 0 | 20 | 20 | No | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Innovative Teachers of India Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Modules on Innovation Pedagogy</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table> | Award / Position / Recognition Secured | Innovative Teachers of India Award | Title of Innovation / Start-up Secured the Award / Recognition | Modules on Innovation Pedagogy | Award/Recognition/Achievement Received for | Idea/Innovation/Prototype |
| Award / Position / Recognition Secured | Innovative Teachers of India Award | | | | | | | | | | | | | | | | | | | | | |
| Title of Innovation / Start-up Secured the Award / Recognition | Modules on Innovation Pedagogy | | | | | | | | | | | | | | | | | | | | | |
| Award/Recognition/Achievement Received for | Idea/Innovation/Prototype | | | | | | | | | | | | | | | | | | | | | |
| 5 | Innovation Pedagogy | Innovation | Training | Institute Lead Activity | Central University of South Bihar | 25-02-2020 00:00:00 | 02-03-2020 00:00:00 | 7 | Within Campus | 0 | 0 | 0 | 39 | 39 | 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

| Srno | Name of Program (Full Name) | Program Theme | Program Type | Organizing Agency / Institute Name | Organizing Agency Type | Program Start Date | Program End Date | Program Duration (in Days) | Participants (Students) | Participants (Faculty) | Total Number of Participants | Awards/Recognitions/Achievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research | | | | | | |
|--|---|---------------|-------------------|------------------------------------|------------------------|---------------------|---------------------|----------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|--|---|--|---------------------------|--|-------------------------|
| 1 | IPR Olympiad 2019 | IPR | Awareness | ISERD India | Non-Govt. Agencies | 28-09-2019 00:00:00 | 29-09-2019 00:00:00 | 2 | 5 | 1 | 6 | Yes | 1 | First Indian IPR Olympiad | No | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>First Indian IPR Olympiad</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Business Model/Start up</td> </tr> </table> | Award / Position / Recognition Secured | 1 | Title of Innovation / Start-up Secured the Award / Recognition | First Indian IPR Olympiad | Award/Recognition/Achievement Received for | Business Model/Start up |
| Award / Position / Recognition Secured | 1 | | | | | | | | | | | | | | | | | | | | | |
| Title of Innovation / Start-up Secured the Award / Recognition | First Indian IPR Olympiad | | | | | | | | | | | | | | | | | | | | | |
| Award/Recognition/Achievement Received for | Business Model/Start up | | | | | | | | | | | | | | | | | | | | | |
| 2 | Essay Writing Competition on Intellectual Property Rights | IPR | Skill development | Central University of South Bihar | Educational Institute | 23-10-2019 00:00:00 | 23-10-2019 00:00:00 | 1 | 56 | 0 | 56 | No | --- | --- | 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

| | | | | | | | | | | | | | | | | |
|---|---|-----|----------|-----------------------------------|-----------------------|---------------------|---------------------|---|----|---|----|----|-----|-----|----|----|
| 3 | Workshop on Impact of IPR on Biodiversity | IPR | Workshop | Central University of South Bihar | Educational Institute | 04-02-2020 00:00:00 | 04-02-2020 00:00:00 | 1 | 11 | 0 | 11 | No | --- | --- | No | 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 | Intellectual Property Law (LAW 500) | IPR | Elective/Core Credit Course | Bachelor | Department of Law and Governance Central University of South Bihar | 01-07-2019 | 31-12-2019 | 184 | Offline | 56 | 45 |
| 2 | IPR Litigation | IPR | Elective/Core Credit Course | Bachelor | Department of Law and Governance Central University of South Bihar | 01-07-2019 | 31-12-2019 | 184 | Offline | 11 | 45 |

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

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

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 | Prof. S.P. Srivastava | Department of Law and Governance | Professor | Highest degree name in I&E and IPR | Doctorate | No |
| | | | | Degree Type | PhD | |
| | | | | Year of Highest degree in I&E and IPR | 2011 | |
| 2 | Dr. Pradip K. Das | Department of Law and Governance | Associate Professor | Highest degree name in I&E and IPR | Doctorate | No |
| | | | | Degree Type | PhD | |
| | | | | Year of Highest degree in I&E and IPR | 2011 | |

| | | | | | | | | | | | |
|---------------------------------------|--------------------|----------------------------------|---------------------|--|------------------------------------|-----------|-------------|-----|---------------------------------------|------|----|
| 3 | Dr. Digvijay Singh | Department of Law and Governance | Assistant Professor | <table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>Doctorate</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </table> | Highest degree name in I&E and IPR | Doctorate | Degree Type | PhD | Year of Highest degree in I&E and IPR | 2014 | No |
| Highest degree name in I&E and IPR | Doctorate | | | | | | | | | | |
| Degree Type | PhD | | | | | | | | | | |
| Year of Highest degree in I&E and IPR | 2014 | | | | | | | | | | |
| 4 | Mr. Mani Pratap | Department of Law and Governance | Assistant Professor | <table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>LLM</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2011</td> </tr> </table> | Highest degree name in I&E and IPR | LLM | Degree Type | PG | Year of Highest degree in I&E and IPR | 2011 | No |
| Highest degree name in I&E and IPR | LLM | | | | | | | | | | |
| Degree Type | PG | | | | | | | | | | |
| Year of Highest degree in I&E and IPR | 2011 | | | | | | | | | | |

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

No Data Filled!

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)

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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 | ZERO RPM-SYNTHESIZED TUNABLE PLASMONIC HOLLOW SILVER NANOSHELLS IN THE FIRST AND SECOND NEAR-IR WINDOWS FOR ENHANCED SOLAR-CATALYSIS | 201931047638 | National | 2019 - 11 | Uploaded |

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

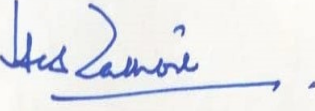
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Dr. H. C. S. Rathore (Head of Institute) and Mr. Ravindranath Singh Rathore (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

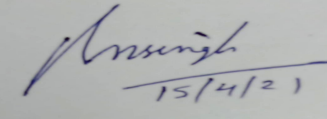
Thank you

The Head of Institute



Prof. Dr. H. C. S. Rathore
Head of the Institution,
Gaya, Bihar

Nodal officer



Mr. Ravindranath Singh Rathore
Nodal Officer,
Gaya, Bihar