



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: National Institute of Technical Teacher Training & Research Sector-26 [ARI-C-29316]

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) |
|--|---------------------------------------|---|----------------------------------|---------------|--|-----------------------------------|---------------------------------------|
| Entrepreneurship Development and Industrial Coordination | Industry Institute Interface Unit | Entrepreneurship Development | At all level | Both | 1169 | 5 | 2 |
| Mechanical Engineering | Academic Department with lab facility | Engineering | At all level | Technical | 945 | 6 | 2 |
| Electrical Engineering | Academic Department with lab facility | Engineering | At all level | Technical | 689 | 5 | 2 |
| Rural Development | Academic Department with lab facility | Rural Development | At all level | Non-Technical | 861 | 3 | 2 |
| Civil Engineering | Academic Department with lab facility | Engineering | At all level | Technical | 880 | 6 | 2 |
| Electronics and Communication Engineering | Academic Department with lab facility | Engineering | At all level | Both | 1134 | 9 | 4 |
| Computer Science and Engineering | Academic Department with lab facility | Engineering | At all level | Both | 3177 | 7 | 3 |
| Applied Science | Academic Department with lab facility | Science and Engineering | At all level | Both | 613 | 4 | 2 |
| Curriculum Development | Academic Department with lab facility | Curriculum Development | At all level | Non-Technical | 1803 | 4 | 2 |
| Education and Education Management | Academic Department with lab facility | Education | At all level | Non-Technical | 1163 | 4 | 2 |
| Media Engineering | Academic Department with lab facility | Education Television and Media | At all level | Non-Technical | 798 | 2 | 8 |

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 | Yes | Not Required |
| Participation in Smart India Hackathon (SIH) | No | Not Required |

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

| | | |
|--|-----|--------------|
| 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) | Yes | 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 | TechSpar dha | Innovation | Innovation Contest | Institute Lead Activity | Information Management and Coordination Unit | 05-09-2019 00:00:00 | 07-09-2019 00:00:00 | 3 | Within Campus | 12 | 0 | 10 | 0 | 22 | No | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Prizes</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Hardware Hackathon</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table> | Award / Position / Recognition Secured | Prizes | Title of Innovation / Start-up Secured the Award / Recognition | Hardware Hackathon | Award/Recognition/Achievement Received for | Idea/Innovation/Prototype |
| Award / Position / Recognition Secured | Prizes | | | | | | | | | | | | | | | | | | | | | |
| Title of Innovation / Start-up Secured the Award / Recognition | Hardware Hackathon | | | | | | | | | | | | | | | | | | | | | |
| Award/Recognition/Achievement Received for | Idea/Innovation/Prototype | | | | | | | | | | | | | | | | | | | | | |

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 | Leadership Development Programme | Entrepreneurship/Start-up | Workshop | AICTE-UKIERI | International Agencies | 21-10-2019 00:00:00 | 25-10-2019 00:00:00 | 5 | 0 | 2 | 2 | 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 | Entrepreneurial Opportunity Identification and Project Formulation in Services Sector | Entrepreneurship/Start-up | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 13-05-2019 | 17-05-2019 | 5 | Offline | 1 | 30 |

| | | | | | | | | | | | |
|----|---|-------------------------------|-------------------|-------------------------------|--|------------|------------|---|---------|-----|----|
| 2 | Intellectual Property Rights - Aspects for Business Start-ups | IPR | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 24-06-2019 | 28-06-2019 | 5 | Offline | 6 | 30 |
| 3 | EAC (Entrepreneurship Awareness Camp) | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 13-01-2020 | 17-01-2020 | 5 | Online | 28 | 30 |
| 4 | Entrepreneurial Career Orientation for Electronics and Communication Engineering and allied disciplines | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 18-11-2019 | 22-11-2019 | 5 | Offline | 24 | 30 |
| 5 | Fostering Creativity and Innovation in Entrepreneurship | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 16-12-2019 | 21-12-2019 | 6 | Offline | 22 | 30 |
| 6 | Entrepreneurial Opportunity Identification and Project Formulation in Manufacturing Sector | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 20-01-2020 | 24-01-2020 | 5 | Online | 2 | 30 |
| 7 | Entrepreneurial Motivation Training | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 24-02-2020 | 28-02-2020 | 5 | Offline | 30 | 30 |
| 8 | Intellectual Property Rights-Aspects for Business Start-ups | IPR, Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 10-06-2019 | 14-06-2019 | 5 | Online | 124 | 30 |
| 9 | Entrepreneurial Opportunity Identification and Project Formulation in Services Sector | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 13-05-2019 | 17-05-2019 | 5 | Online | 142 | 30 |
| 10 | Entrepreneurial Career Orientation for Mechanical Engineering and Allied Disciplines | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 14-10-2019 | 18-10-2019 | 5 | Offline | 34 | 30 |
| 11 | Business Incubation for New Start-ups | Entrepreneurship/Startup | Short term Course | Short Term Certificate Course | Entrepreneurship Development and Industrial Coordination | 03-02-2020 | 07-02-2020 | 5 | Offline | 39 | 30 |

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

| Sno | 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 | Strengthening Industry Academic Integration in Technical Institutions | Entrepreneurship/Startup | Employment Generation Training Programs | Entrepreneurship Development and Industrial Coordination | 29-04-2019 | 03-05-2019 | 5 | Offline | 42 | 30 |

| | | | | | | | | | | |
|---|---|---|---|--|------------|------------|---|---------|-----|----|
| 2 | Employability Skills for Industry 4 | IPR, Entrepreneurship/Startup, Innovation | Employment Generation Training Programs | Entrepreneurship Development and Industrial Coordination | 23-09-2019 | 27-09-2019 | 5 | Offline | 6 | 30 |
| 3 | Industry Interaction- Industry related phase wise workshop mainly in the areas of Civil ECE | IPR, Entrepreneurship/Startup, Innovation | Employment Generation Training Programs | Entrepreneurship Development and Industrial Coordination | 21-10-2019 | 25-10-2019 | 5 | Offline | 25 | 30 |
| 4 | Strengthening Industry Academia Integration in Technical Institutions | IPR, Entrepreneurship/Startup, Innovation | Employment Generation Training Programs | Entrepreneurship Development and Industrial Coordination | 09-12-2019 | 13-12-2019 | 5 | Online | 206 | 30 |

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)

No Data Filled!

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)

| 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 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 | 3D Printing | 2019 | No Such Facilities Exist in the Campus | NITTTR Chandigarh | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. S S Dhmi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ssdhmi@nittrchd.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>01722 75965 9</td> </tr> </table> | Facility Incharge Name | Prof. S S Dhmi | Facility Incharge Email | ssdhmi@nittrchd.ac.in | Facility Incharge Phone | 01722 75965 9 | 2 | No | No | No |
| Facility Incharge Name | Prof. S S Dhmi | | | | | | | | | | | | | | |
| Facility Incharge Email | ssdhmi@nittrchd.ac.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 01722 75965 9 | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | |
|-------------------------|-------------------------|------|--|------------------------|---|------------------------|----------------------|-------------------------|-------------------------|-------------------------|--------------|---|----|----|----|
| 2 | Typhoon HIL Laboratory | 2019 | No Such Facilities Exist in the Campus | Typhoon PhD Fellowship | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Rithula Thakur</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rithula@nitttrchd.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>01722 759548</td> </tr> </table> | Facility Incharge Name | Prof. Rithula Thakur | Facility Incharge Email | rithula@nitttrchd.ac.in | Facility Incharge Phone | 01722 759548 | 2 | No | No | No |
| Facility Incharge Name | Prof. Rithula Thakur | | | | | | | | | | | | | | |
| Facility Incharge Email | rithula@nitttrchd.ac.in | | | | | | | | | | | | | | |
| Facility Incharge Phone | 01722 759548 | | | | | | | | | | | | | | |

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

No Data Filled!

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

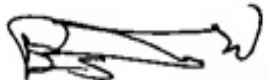
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. S S Pattnaik (Head of Institute) and Prof. Maitryee Dutta (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

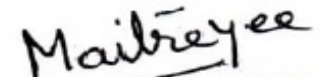
The Head of Institute



31.03.2021

Prof. S S Pattnaik
Head of the Institution,
Chandigarh, Chandigarh

Nodal officer



31.03.2021

Prof. Maitryee Dutta
Nodal Officer,
Chandigarh, Chandigarh