ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

(/DSP/Dashboard)

MoE
Ministry of Education
Government of India

Full Report
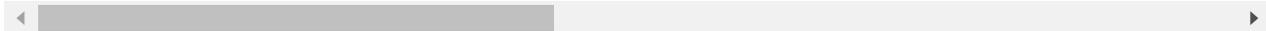
NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR [ARI-U-0055]

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

Srno	Name of Program	Program Theme	Program Type	Program Category	Organizing Department/Centre/Student Body Name

Srno	Name of Program	Program Theme	Program Type	Program Category	Organizing Department/Centre/Student Body Name
1	ANVESHAN	Innovation	INNOVATIVE RESEARCH AND IDEA PROMOTION	Institute Lead Activity	OFFICE OF DEAN RC
2	Intellectual Property Rights and Technology Development	IPR	FDP	Institute Lead Activity	DEPARTMENT OF MANAGEMENT STUDIES

Srno	Name of Program	Program Theme	Program Type	Program Category	Organizing Department/Centre/Student Body Name
3	NITS HACKS	Innovation	HACKATHON	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING AND COMPUTER SCIENCE ENGINEERING

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Total no of Participants in Programs (on IPR, Entrepreneurship / Start-ups & Innovation) Organized by the External Agencies

Srno	Name of Program	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Progra Start Date

Srno	Name of Program	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Progra Start Date
1	SMART INDIA HACKATHON 2019	Innovation	HACKATHON COMPETITION	MHRD	Govt. Agency (Central)	01-03-2019
2	STUDENT SOLAR AMBASSADOR PROGRAM	Innovation	WORKSHOP	MHRD	Govt. Agency (Central)	02-10-2019
3	Inter NIT E Summit	Innovation	INTER NIT ENTREPRENEURSHIP SUMMIT	NIT AGARTALA	Govt. Agency (Central)	31-10-2018

Srno	Name of Program	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Progra Start Date
4	GUIST Hackathon	Innovation	Hackathon	GUIST GUWAHATI	Govt. Agency (Central)	10-11-2018
5	SMART INDIA HACKATHON 2019	Innovation	HACKATHON COMPETITION	MHRD	Govt. Agency (Central)	01-03-2018

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Course Off Departmer Name

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Course Off Departmen Name
1	MEMS Engineered Medicine Breaking Barriers in Medical Diagnostics	Innovation	Short term Certificate	Bachelor	ECE
2	Entrepreneurship and Project Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	MANAGEM
3	Business Law and Corporate Taxes	IPR	Elective/Core Credit Course	Master	MANAGEM
4	Deep Learning Techniques and Tools An academic and Industrial Approach	Innovation	Short term Certificate	Bachelor	CSE
5	TECHNOLOGY AND INNOVATION MANAGEMENT	Innovation	Elective/Core Credit Course	Master	MANAGEM
6	Innovative Construction Materials for roads and buildings	Entrepreneurship/Startup, Innovation	Short term Certificate	Bachelor	CE
7	Intellectual Property Rights and Technological Development	IPR	FDP	Short Term Certificate Course	MANAGEM

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

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility Incharge Email
1	Indovation Lab	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2015	NIT Silchar	Dr. A. Deoghare	ashishdeoghare@gmail.co

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility Incharge Email
2	Start Up	Pre– Incubation Centre	2015	NIT Silchar	Dr. Wasim Arif	arif.ece.nits@gmail.com

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility Incharge Email
3	IEDC	Pre–Incubation Centre	2016	NIT Silchar	Dr. Ashim Kumar Das	ashimkd_nits@rediffmail.c

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility Incharge Email
4	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2017	NIT Silchar	Dr. Sukumar Pati	sukumarpati@gmail.com

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility Incharge Email
5	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2017	NIT Silchar	Dr. Sukumar Pati	sukumarpati@gmail.com

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

Srno	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)
1	Indovation Lab	Institute's Own Fund / Resource			Yes	1000000
2	Indovation Lab	Institute's Own Fund / Resource			Yes	1000000
3	IPR Cell	Institute's Own Fund / Resource			Yes	110000
4	IEDC	Funding Agency	DST	Govt. Agency (Central)	Yes	800000

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

Srno	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 Inn

| 1 | Indovation Lab | All Terrain Vehicle | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student | 2018 | Non-IP / No Technology |

Principal Innovator	
Name	**Type**
Amey Naik	Student

Co-Innovator	
Name	**Type**
Soumydeep Paul	Student

| 2 | IEDC | Design and Development of Mobile Intravenous Drip | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student | 2018 | IP / Patente |

Applied f	
Patent A	
Year of Pa Applicati	

Principal Innovator	
Name	**Type**
Dr. A Deoghare	Faculty

| 3 | IEDC | VEWMET | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty | 2018 | IP / Patente |

Applied f	
Patent A	
Year of Pa Applicati	

Principal Innovator

Name	Type
Aman Patel	Student

Co-Innovator

Name	Type
Dr. Wasim Arif	Faculty

4	IEDC	VEWMET	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	IP / Patente
						Applied fo
						Patent Ap
						Year of Pa Applicatio

Principal Innovator

Name	Type
Aman Patel	Student

Co-Innovator

Name	Type
Dr. Wasim Arif	Faculty

5	IEDC	Pre Composted Vermicomposting system	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	IP / Patente
						Applied fo
						Patent Ap
						Year of Pa Applicatio

Principal Innovator

Name	Type
Utsa Choudhury	Student

Co-Innovator

Name
Dr. Prashantha Janardan

6	Start Up	ROGHAARI	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	IP / Patente
						Applied f
						Patent Ap
						Year of Pa Applicatio

Principal Innovator

Name	Type
Utkarsh Bhatt	Student

Co-Innovator

Name	Type
Utkarsh Singh	Student
Dr. Wasim Arif	Faculty

7	Indovation Lab	Low Cost Automated Dip Coating System	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	IP / Patente
						Applied fc
						Patent Ar
						Year of Pi Applicatic

Principal Innovator

Name		Type
Siddhartha Singh		Student

Co-Innovator

Name		Type
Dr. R G Nair		Faculty

8	IEDC	Design and Development of Mobile Intravenous Drip	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	IP / Patente
						Applied fc Patent
						Patent Applicatic No
						Year of Patent Applicatic

Principal Innovator

Name		Type
Ayush Singh		Student

Co-Innovator					
Name					
Dr. Ashish Deoghare					

| 9 | Indovation Lab | Development of Graphene Based Nanomaterial for Electromagnetic Interference Shielding of Electronic Components | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student | 2018 | Non-IP / No Technology |

Principal Innovator	
Name	**Type**
Papari Das	Student

Co-Innovator
Name
Dr. Ashish Deoghare

| 10 | Indovation Lab | Development of composite bone scaffold using hydroxyapatite derived from Caprine bone bio-waste and Polylactic-co-glycolic acid | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student | 2018 | IP / Patented |

Applied for Patent	
Patent Application No	
Year of Patent Application	

Principal Innovator

Name	Type
Emon Barua	Student

Co-Innovator

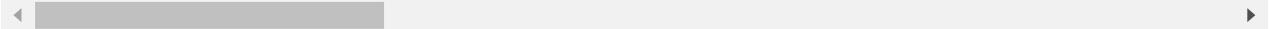| Name	
Dr. Ashish Deoghare	

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

Srno	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	Typ Inn
1	ROGHAARI	Start Up	2018-19	Limited Liability Partnership	AAO5256	Faculty and Student	Ser Bas Bus Sol

Principal Innovator	
Name	**DIN No.**
UTKARSH BHATT	AAO5256

2	ROGHAARI	Start Up	2018-19	Limited Liability Partnership	AAO5256	Faculty and Student	Ser Bas Bus Sol

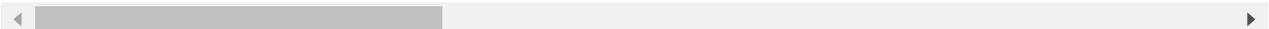| Principal Innovator	
Name	**DIN No.**
UTKARSH BHATT	AAO5256

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Co-Incubation Partnership

Srno	Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
No data filled.					

Technology Commercialization / Transfer

Srno	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Type of Transfer	Patent/Licence Holder name (Institute Co-ownership is Must)	Pa Nu
No data filled.					

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