



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 TECHNOLOGY ARUNACHAL PRADESH [ARI-U-0615]

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	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	49	5	2
Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	50	8	3
Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	93	8	6
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	101	14	3
Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	109	8	3
Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	123	9	6
Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	92	9	6
Management and Humanities	Academic Department with lab facility	Management and Humanities	UG / PG / PhD	Both	41	7	3
Basic and Applied Science	Academic Department with lab facility	Basic and Applied Science	UG / PG / PhD	Technical	52	8	3
IIC	Industry Institute Interface Unit	To give Industrial exposure to faculty and students.	At all level	Both	20	8	3
IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR Cell	At all level	Both	20	6	3
Startup Cell	Incubation Unit	Startup Cell	At all level	Both	33	11	3
Research Cell	Research Unit / Park	Research Cell	At all level	Both	118	10	4
Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Centre of Excellence	At all level	Both	118	5	3

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 : IC201811225
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	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	National level awareness program on NLAP 2020	IPR	Awareness	Institute Lead Activity	IPR Cell, NIT Arunachal Pradesh	19-02-2020 00:00:00	22-02-2020 00:00:00	4	Within Campus	50	20	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 12000	No
2	FDP on multidisciplinary innovations in engineering science for sustainable development	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh and GCT Coimbatore	05-08-2019 00:00:00	09-08-2019 00:00:00	5	Within Campus	50	20	20	10	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 101150	No
3	FDP on multidisciplinary approach for water conservation and management	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh and GCT Coimbatore	03-09-2019 00:00:00	07-09-2019 00:00:00	5	Within Campus	50	20	20	10	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5156	No
4	Workshop on recent trends in embedded system for IoT and mechatronics	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh	24-09-2019 00:00:00	28-09-2019 00:00:00	5	Within Campus	50	10	10	5	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 327666	No

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

5	Workshop on recent trends in high voltage and power system engineering	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh	26-08-2019 00:00:00	29-08-2019 00:00:00	4	Within Campus	60	10	5	5	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	523664	No
6	Workshop on graphical programming for measurement and control using IoT and industrial automation	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh and GCT Coimbatore	31-07-2019 00:00:00	02-08-2019 00:00:00	3	Within Campus	50	10	10	5	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	176881	No
7	Workshop on recent trends in artificial intelligence and machine learning	Innovation	Workshop	Institute Lead Activity	ATAL academy and NIT Arunachal Pradesh	23-09-2019 00:00:00	27-09-2019 00:00:00	5	Within Campus	50	10	10	5	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	298583	No
8	FDP on advanced pedagogy IPR sponsored research and entrepreneurship	IPR, Entrepreneurship/Startup	Workshop	Institute Lead Activity	NIT Arunachal Pradesh	16-09-2019 00:00:00	20-09-2019 00:00:00	5	Within Campus	60	10	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	323597	No
9	SDP on management capacity building training	Innovation	Training	Institute Lead Activity	NIT Arunachal Pradesh	16-09-2019 00:00:00	20-09-2019 00:00:00	5	Within Campus	0	50	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	323597	No
10	Workshop on healthy system and human ecology	Innovation	Workshop	Institute Lead Activity	Department of Biotechnology NIT Arunachal Pradesh	22-04-2019 00:00:00	24-04-2019 00:00:00	3	Within Campus	60	20	10	5	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	55700	No

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

11	21 days induction program	Entrepreneurship/Startup, Innovation	Orientation Session	Institute Lead Activity	NIT Arunachal Pradesh	01-08-2019 00:00:00	21-08-2019 00:00:00	21	Within Campus	150	10	50	0	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	395355	No
12	Workshop on idea generation and creative thinking	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Startup cell Prakousol and Institute Innovation Council NIT Arunachal Pradesh	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	60	10	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	126921	No
13	Workshop on renewable energy and future energy	Innovation	Workshop	Institute Lead Activity	Electrical Department	14-10-2019 00:00:00	18-10-2019 00:00:00	5	Within Campus	40	10	5	2	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	453180	No
14	Workshop on block chain	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	17-02-2020 00:00:00	21-02-2020 00:00:00	5	Within Campus	50	10	5	2	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	219509	No
15	FDP on science and technology	Innovation	Workshop	Institute Lead Activity	Basic and applied Science	18-11-2019 00:00:00	22-11-2019 00:00:00	5	Within Campus	60	10	3	3	76	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	136549	No
16	Expert lecture on power plant engineering and steam power generation and performance analysis	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	01-04-2019 00:00:00	02-04-2019 00:00:00	2	Within Campus	40	10	5	3	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	38292	No
17	Workshop on distributed generation in power system engineering	Innovation	Workshop	Institute Lead Activity	Electrical Engineering	21-10-2019 00:00:00	25-10-2019 00:00:00	5	Within Campus	60	10	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	288296	No

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

18	Short term course on artificial and machine learning	Innovation	Workshop	Institute Lead Activity	Electrical Engineering	22-10-2019 00:00:00	26-10-2019 00:00:00	5	Within Campus	60	10	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	233955	No
19	Workshop on modern crystallography	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	17-09-2019 00:00:00	21-09-2019 00:00:00	5	Within Campus	60	10	10	5	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16427	No
20	International conference on applied mathematics in science and engineering	Innovation	Conference	Institute Lead Activity	Siksha Onusandhan University Bhubaneswar	24-10-2019 00:00:00	26-10-2019 00:00:00	3	Outside Campus	10	2	60	20	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	138542	No
21	Importance of network analytics and externalities for entrepreneurship and startups	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Management and Humanities NIT Arunachal Pradesh	17-01-2020 00:00:00	17-01-2020 00:00:00	1	Within Campus	62	10	5	3	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
22	Workshop on EDPTC entrepreneurship development program and technical communication	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Management and Humanities NIT Arunachal Pradesh	04-11-2019 00:00:00	08-11-2019 00:00:00	5	Within Campus	60	5	5	2	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	No
23	Workshop on digital image processing and its application	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh	24-08-2019 00:00:00	28-08-2019 00:00:00	5	Within Campus	10	4	20	8	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	371458	No
24	Workshop on EDPTC	Innovation	Workshop	Institute Lead Activity	NIT Arunachal Pradesh	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	20	3	30	3	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	77718	No

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

25	AICTE Training and Learning ATAL Academy Program	Innovation	Training	Institute Lead Activity	NIT Arunachal Pradesh	23-09-2019 00:00:00	27-09-2019 00:00:00	5	Within Campus	5	10	10	10	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13620	No
26	Electronics system and intelligent computing	Innovation	Conference	Institute Lead Activity	NIT Arunachal Pradesh	02-03-2020 00:00:00	04-03-2020 00:00:00	3	Within Campus	50	10	20	8	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500000	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	Short term course on simulation of power electronic converters serving to hydropower plants	Innovation	Workshop	Indian Institute of Technology, Roorkee, Uttarakhand	Educational Institute	20-05-2019 00:00:00	24-05-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	53039	No
2	Short term course on recent trends in renewable energy utilization technologies	Innovation	Workshop	IIT Guwahati	Educational Institute	08-05-2019 00:00:00	12-05-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3460	No
3	Short term course on mechanics of composites for engineering application	Innovation	Workshop	IIT Guwahati	Educational Institute	21-05-2019 00:00:00	25-05-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	40129	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

4	Workshop on deep learning techniques in health care applications	Innovation	Workshop	MEPCO Schlenk Engineering College Tamilnadu	Educational Institute	13-05-2019 00:00:00	17-05-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	65696	No
5	FDP on quality management importance issue and challenges	Innovation	Workshop	IIT Roorke	Educational Institute	17-06-2019 00:00:00	21-06-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	41063	No
6	Professional development training	Innovation	Workshop	IIM Shillong	Educational Institute	19-06-2019 00:00:00	21-06-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6295	No
7	Professional development training	Innovation	Workshop	IIM Kozhikode	Educational Institute	18-06-2019 00:00:00	22-06-2019 00:00:00	5	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	69474	No
8	Professional development training on applied ground water flow and contaminant transport modeling	Innovation	Workshop	IIT Roorkee	Educational Institute	24-06-2019 00:00:00	28-06-2019 00:00:00	5	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	77718	No
9	Professional development training	Innovation	Training	IIM Kashipur	Educational Institute	24-06-2019 00:00:00	28-06-2019 00:00:00	5	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	103350	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

10	Short term training programme on laboratory experiments on electrical machine and power system	Innovation	Training	NTTTR Kolkata	Educational Institute	08-07-2019 00:00:00	12-07-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	53129	No
11	International conference on digital pedagogies	Innovation	Conference	AICTE auditorium, New Delhi	Govt. Agency (Central)	01-04-2019 00:00:00	03-04-2019 00:00:00	3	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	111774	No
12	One week national workshop on big data analytics and machine	Innovation	Workshop	DBRAIT, PortBlair	Educational Institute	22-04-2019 00:00:00	27-04-2019 00:00:00	6	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	93191	No
13	STC on C based VLSI design synthesis optimization and verification	Innovation	Workshop	IIT Guwahati	Educational Institute	01-04-2019 00:00:00	05-04-2019 00:00:00	5	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	9817	No
14	Executive development programme	Innovation	Motivational speak	Art of Living, Bangalore	Non-Govt. Agencies	19-07-2019 00:00:00	21-07-2019 00:00:00	3	0	5	5	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	185265	No
15	Short term training programme on power generation on from energy resources	Innovation	Workshop	NITTTTR Kolkata	Educational Institute	16-12-2019 00:00:00	20-12-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	58512	No
16	Conference on IEEE and ISES 2019	Innovation	Conference	NIT Rourkela, Orissa	Educational Institute	16-12-2019 00:00:00	18-12-2019 00:00:00	3	0	1	1	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

17	Conference on big data machine learning and application	Innovation	Conference	NIT Silchar, Assam	Educational Institute	16-12-2019 00:00:00	19-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	24885	No
18	Faculty development programme on data science	Innovation	Workshop	CUST, Kerala	Educational Institute	27-01-2020 00:00:00	31-01-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	74744	No
19	Training on BMW skill next	Innovation	Training	OSL Prestge, Kolkata	Non-Govt. Agencies	18-12-2019 00:00:00	18-12-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	14534	No
20	Conference on 64th congress of the indian society of theoretical and applied mathematics	Innovation	Conference	IIT Bhubaneswar	Educational Institute	09-12-2019 00:00:00	12-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	26416	No
21	Conference on international hindi samelan	Innovation	Conference	Delhi University	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	27502	No
22	FDP program on statistics for business research and SPSS applications	Innovation	Workshop	NIT Warangal	Educational Institute	20-01-2020 00:00:00	25-01-2020 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	37008	No
23	Conference on numerical heat transfer and fluid flow	Innovation	Conference	NIT Warangal	Educational Institute	17-01-2020 00:00:00	19-01-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	67934	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

24	AICTE training and learning (ATAL) academy FDP	Innovation	Training	NIT, Arunachal Pradesh	Educational Institute	03-02-2020 00:00:00	07-02-2020 00:00:00	5	0	1	1	No	---	---	No	No	
25	Workshop on data science and analytics	Innovation	Workshop	IIT, Indore	Educational Institute	02-03-2020 00:00:00	12-03-2020 00:00:00	11	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	48891	No
26	1st International conference on electronic system and intelligent computing	Innovation	Conference	NIT AP	Educational Institute	02-03-2020 00:00:00	04-03-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
27	Workshop on cyber security under AICTE (ATAL)	Innovation	Workshop	NIT AP	Educational Institute	03-02-2020 00:00:00	07-02-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200000	No
28	Workshop on block chain under AICTE (ATAL)	Innovation	Workshop	NIT AP	Educational Institute	17-02-2020 00:00:00	21-02-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	57509	No
29	FDP on CIRRA 2020	Innovation	Workshop	NIT Silchar	Educational Institute	12-03-2020 00:00:00	16-03-2020 00:00:00	5	0	1	1	No	---	---	No	No	
30	International conference on new frontiers in engineering science law management humanities and social science 2020	Innovation	Conference	Guwahati University	Educational Institute	22-02-2020 00:00:00	23-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9453	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

31	Seminar on scope and opportunity of small hydro and wind power of India	Innovation	Seminar	Mizorem	Educational Institute	01-08-2019 00:00:00	03-08-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	30009	No
32	Conference on nutraceuticals and chronic diseases	Innovation	Conference	IIT Guwahati	Educational Institute	23-09-2019 00:00:00	25-09-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3597	No
33	STTP on introduction to structural analysis and design software for building ETABS	Innovation	Workshop	NITTR Kolkata	Educational Institute	16-12-2019 00:00:00	20-12-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	50744	No
34	Training on robotics and automation	Innovation	Training	IIT Kanpur	Educational Institute	17-02-2020 00:00:00	28-02-2020 00:00:00	12	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	53336	No
35	Deep learning for natural language processing	Innovation	Workshop	IIT guwahati	Educational Institute	18-11-2019 00:00:00	22-11-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5480	No
36	All India seminar on scope and opportunity of small hydro wind power in NER	Innovation	Seminar	Nit Mizorem	Educational Institute	05-07-2019 00:00:00	05-07-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	118758	No
37	Innovation incubation and startup with IPR possibilities	IPR	Start-up Conclave	Nit manipur	Educational Institute	10-09-2019 00:00:00	11-09-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	24178	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

38	IEEE symposium on big data analytics and processing	Innovation	Conference	IIT Allahabad	Educational Institute	10-09-2019 00:00:00	14-09-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	50000	No
39	Professional development training	Innovation	Workshop	IIM Indore	Educational Institute	10-02-2020 00:00:00	14-02-2020 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	29492	No
40	ICEST 2019	Innovation	Conference	Guwahati	Educational Institute	10-05-2019 00:00:00	10-05-2019 00:00:00	1	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	16480	No
41	Training on forensic geotechnical engineering	Innovation	Training	GCT	Educational Institute	01-08-2019 00:00:00	03-08-2019 00:00:00	3	11	0	11	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	100000	No
42	ICACM 2019	Innovation	Conference	Rajasthan	Educational Institute	13-04-2019 00:00:00	14-04-2019 00:00:00	2	3	0	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	38580	No
43	Conference on chemical bio and environmental engineering	Innovation	Conference	Jalandhar	Educational Institute	13-02-2020 00:00:00	14-02-2020 00:00:00	2	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	12700	No
44	Conference on application of GAS filled micro bubbles in bio medical	Innovation	Conference	IIT Gandhinagar	Educational Institute	14-12-2019 00:00:00	15-12-2019 00:00:00	2	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	23678	No
45	IEP workshop	Innovation	Workshop	NIT Rourkela	Educational Institute	01-07-2019 00:00:00	05-07-2019 00:00:00	5	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3872	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

46	Conference on simulation of nanofluids	IPR	Conference	ASTU Guwahati	Educational Institute	15-05-2019 00:00:00	17-05-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4410	No
47	NCRAS 2019	Innovation	Conference	Guwahati	Educational Institute	15-05-2019 00:00:00	17-05-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2740	No
48	Conference on LSTBLDM	Innovation	Conference	GOA	Educational Institute	16-08-2019 00:00:00	17-08-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	40833	No
49	Conference on smart electronic systems	Innovation	Conference	nit rourkela	Educational Institute	16-12-2019 00:00:00	18-12-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28690	No
50	Workshop on electrical safety and inspection on electrical installation	Innovation	Workshop	banaglore	Educational Institute	16-10-2019 00:00:00	18-10-2019 00:00:00	3	0	2	2	No	---	---	No		No
51	Conference on advanced networks and telecommunication systems 2019	Innovation	Conference	BITS Pilani,Goa	Educational Institute	16-12-2019 00:00:00	19-12-2019 00:00:00	4	1	0	1	No	---	---	No		No
52	Workshop on modern crystallography	Innovation	Workshop	IIT Kharagpur	Educational Institute	17-09-2019 00:00:00	21-09-2019 00:00:00	5	60	20	80	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	16427	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

53	Short term course on fabrication and application of micro device in thermofluidic engineering	Innovation	Workshop	IIT Guwahati	Educational Institute	24-02-2020 00:00:00	28-02-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6104	No
54	Workshop on vibration analysis using fundamental vibration kit and energy harvesting	Innovation	Workshop	GCT Coimbatore	Educational Institute	24-02-2020 00:00:00	28-02-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	49058	No
55	Short term course on C based VLSI design	Innovation	Workshop	IIT Guwahati	Educational Institute	01-04-2019 00:00:00	05-04-2019 00:00:00	5	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9817	No
56	First international conference on innovative product design and intelligent manufacturing system 2019	Entrepreneurship/Startup	Conference	NIT Rourkela	Educational Institute	17-05-2019 00:00:00	18-05-2019 00:00:00	2	2	0	2	No	---	---	No		No
57	International ground water conference 2019	Innovation	Conference	IIT Roorkee	Educational Institute	21-10-2019 00:00:00	24-10-2019 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	60544	No
58	Academic Integrity awareness workshop	Innovation	Workshop	Tezpur University and UGC	Govt. Agency (Central)	26-08-2019 00:00:00	27-08-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	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

59	Transforming North East region through science and Technology intervention	Innovation	Start-up Conclave	North East Center for Technology Application and Reach	Govt. Agency (Central)	20-11-2019 00:00:00	20-11-2019 00:00:00	1	0	5	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
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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	Expert lecture on use of MATLAB software in optimization of engineering design problems	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Mechanical Engineering	01-04-2019	04-04-2019	4	Offline	60	30
2	Expert lecture on geology	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Civil Engineering	28-01-2019	31-01-2019	4	Offline	60	30
3	Advanced pedagogy sponsored research IPR and entrepreneurship	IPR, Entrepreneurship/Startup	Short term Course	Bachelor	Start up Cell National Institute of Technology Arunachal Pradesh	22-07-2019	26-07-2019	5	Offline	70	30
4	Multidisciplinary innovations in engineering and science for sustainable development	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Mechanical Engineering	05-08-2019	09-08-2019	5	Offline	60	30
5	Workshop on big data analytics using hadoop	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Computer Science and Engineering	01-02-2019	04-02-2019	4	Offline	60	30
6	Healthy system and human ecology	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Department of Biotechnology	22-04-2019	25-04-2019	4	Offline	50	30
7	Graphical programming for measurement and control	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Electrical Engineering	31-07-2019	03-08-2019	4	Offline	50	30
8	Workshop on intellectual property rights	IPR, Innovation	Short term Course	Short Term Certificate Course	Startup Cell Prakousol	10-01-2019	13-01-2019	4	Offline	85	30
9	Creative entrepreneurship lecture	Entrepreneurship/Startup	Short term Course	Bachelor	Institute Innovation Council and Startup Cell Prakousol	25-01-2019	28-01-2019	4	Offline	60	30
10	Motivational lecture series on entrepreneurs life and cross road	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Institute Innovation Council and Startup Cell Prakousol	30-09-2019	03-10-2019	4	Offline	71	30

11	Idea pitching and competition	Innovation	Full time Program	Bachelor	Institute Innovation Council and Startup Cell Prakousol	30-09-2019	03-10-2019	4	Offline	90	30
12	Lecture on idea generation and creative thinking	Innovation	Short term Course	Bachelor	Institute Innovation Council and Startup Cell Prakousol	21-10-2019	24-10-2019	4	Offline	55	30
13	Arunachal hackathon 2020	Entrepreneurship/Startup, Innovation	Full time Program	Short Term Certificate Course	Institute Innovation Council and Startup Cell Prakousol	14-02-2020	17-02-2020	4	Offline	35	30
14	STC on how to plan for startup and legal and ethical steps	IPR	Short term Course	Short Term Certificate Course	Institute Innovation Council and Startup Cell Prakousol	06-03-2020	09-03-2020	4	Offline	110	30

LiList 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	Workshop on EDPTC entrepreneurship development program and technical communication	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Management and Humanities NIT Arunachal Pradesh	04-11-2019	08-11-2019	5	Offline	65	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)

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 Moirangthem Momocha Singh	Management and Humanities	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)
2	Dr Tushar Dhabal Das	Basic and applied Science	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)
3	Dr Tushar Dhabal Das	Basic and applied science	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)
4	Dr Saikat Kumar Jana	Biotechnology	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)

5	Dr Sahadev Roy	Electronics and Communication Engineering	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
6	Dr Prases Kumar Mohanty	Mechanical Engineering	Assistant Professor	No	No				

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	Innovation and Incubation Club	Innovation Club	2019	Co-working Space,3D Printing	Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre	2	Vikas Kumar	vikas.btech17@nitap.ac.in	7375078284
2	Prakousol	Startup Club	2019	Co-working Space	Innovation Labs	5	Shaksham Goyal	shakshamgoyalswm@gmail.com	7023539140
3	Institute Innovation Council	Innovation Club	2018	Co-working Space	Incubation Unit	5	Shaksham Goyal	shakshamgoyalswm@gmail.com	7023539140
4	Social Entrepreneurship Swachhta and Rural Engagement Cell	Idea Club	2019	None	No Such Facilities Exist in the Campus	2	Mrinal Kamti Rajak	mrinal2042@gmail.com	9402447070
5	Holong Innovation Club	Innovation Club	2019	Co-working Space	No Such Facilities Exist in the Campus	1	Sayan Pakira	sayanpakira17@gmail.com	8420940491

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	Prakousol	Startup Cell	2018	3D Printing & Prototype Equipment, Work Stations	Innovation Labs,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Tushar Dhabal Das</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tddas@nitap.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9402617737</td> </tr> </table>	Facility Incharge Name	Dr Tushar Dhabal Das	Facility Incharge Email	tddas@nitap.ac.in	Facility Incharge Phone	9402617737	6	Yes	No	Yes
Facility Incharge Name	Dr Tushar Dhabal Das																
Facility Incharge Email	tddas@nitap.ac.in																
Facility Incharge Phone	9402617737																
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			MHRD TEQIP III				Govt. Agency (Central)		3324857.00								

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)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility 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 Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	Prakousol	2018	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Tushar Dhabal Das</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tddas@nitap.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94026 17737</td> </tr> </table>	Facility Incharge Name	Dr Tushar Dhabal Das	Facility Incharge Email	tddas@nitap.ac.in	Facility Incharge Phone	94026 17737	6	Yes	No	No
Facility Incharge Name	Dr Tushar Dhabal Das														
Facility Incharge Email	tddas@nitap.ac.in														
Facility Incharge Phone	94026 17737														

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/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	NIT Arunachal Pradesh IPR Cell	2019	Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Saikat Kumar Jana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>saikat@nitap.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94346 91976</td> </tr> </table>	Facility Incharge Name	Dr Saikat Kumar Jana	Facility Incharge Email	saikat@nitap.ac.in	Facility Incharge Phone	94346 91976	3	No	No	Yes
Facility Incharge Name	Dr Saikat Kumar Jana														
Facility Incharge Email	saikat@nitap.ac.in														
Facility Incharge Phone	94346 91976														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)									
Funding Agency		Department of Science and Technology Arunachal Pradesh		Govt. Agency (State)		20000									

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 Tushar Dhabal Das	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Voice control drone		Within	
	Smart vest		Within	
	Ferrofluid deformable mirror for Atronomical Telescope		Within	
	Automatic hand sanitizer dispensing unit		Within	
	Wifi and USB enabled 3D holographic propeller		Within	
2	Dr Saikat Kumar Jana	Assistant Professor	IPR Protection & Commercialization	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of sustainable cost effective UVC based smart portable sanitizer to promote zero contact tunnel counter transfer		Within	
3	Dr Sahadev Roy	Assistant Professor	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and development of car simulator steering wheel		Within	
4	Dr Prases Kumar Mohanty	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Multi task photographer camera robot		Within	
	Autonomous drone flight controller on embedded systems		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	Prof Konjengbam Darunkumar Singh	Idea/Innovation Development					Unstructured Mentorship
2	Dr Pulak Munshi	Entrepreneurship/Startup Development					Structured Mentorship
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Idea generation and creative thinking	27-09-2019	27-09-2019	1	8	60	Innovation/Prototype
3	T W Bhutia	Entrepreneurship/Startup Development					Unstructured Mentorship
4	Prof Sukhomay Pal	Idea/Innovation Development					Structured Mentorship

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

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	How to plan for startup and legal and ethical step	03-03-2020	03-03-2020	1	8	105	Innovation/Prototype
5	Dr Ramanuj Banerjee		IPR Protection & Commercialization			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	How to plan for startup and legal and ethical step	03-03-2020	03-03-2020	1	8	105	Idea
6	Mr Prantor Tamuli		Entrepreneurship/Startup Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Design thinking	25-04-2019	25-04-2019	1	11	55	Innovation/Prototype
7	Mr Ridhiman Roy		Entrepreneurship/Startup Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Entrepreneur ecosystem	25-04-2019	25-04-2019	1	11	45	Early Stage Startup

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
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1	Multi task photographer camera robot	Product Innovation	Technological	Prakousol	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	<table border="1"> <tr> <td>Agency Name</td> <td>Arunachal Hackathon 2020</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd</td> </tr> </table>	Agency Name	Arunachal Hackathon 2020	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	2nd	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>80000</td> </tr> </table>	Grant Amount in Rs	80000	No	No
	Agency Name	Arunachal Hackathon 2020																			
Agency Type	Govt. Agency (Central)																				
Award / Position / Recognition Secured	2nd																				
Grant Amount in Rs	80000																				

Name	Type	Gender	Email	Contact
Katit Modi	Student	Male	katitmodi@gmail.com	9402911694

2	Autonomous drone flight controller on embedded systems	Product Innovation	Technological	Prakousol	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	<table border="1"> <tr> <td>Agency Name</td> <td>Idea pitching</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>1st</td> </tr> </table>	Agency Name	Idea pitching	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	1st	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>110500</td> </tr> </table>	Grant Amount in Rs	110500	No	No
	Agency Name	Idea pitching																			
Agency Type	Govt. Agency (Central)																				
Award / Position / Recognition Secured	1st																				
Grant Amount in Rs	110500																				

Name	Type	Gender	Email	Contact	Name	Email
Vikas Kumar	Student	Male	vikaskumareinstein@gmail.com	7375078284		

3	Smart vest	Product Innovation	Technological	Prakousol	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>30000</td> </tr> </table>	Grant Amount in Rs	30000	No	No
	Grant Amount in Rs	30000													

Name	Type	Gender	Email	Contact
Sourav Sarkar	Student	Male	souravece2017@gmail.com	8014180976

Name		Type		Gender		Email		Contact						
Automated hand sanitizer dispensing unit	Product Innovation	Technological	Prakousol	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	No	No	No	4	
Name		Type		Gender		Email		Contact						
Mrinal Kanti Rajak		Student		Male		mrinal2042@gmail.com		9402447070		Name	Email			
5	Liquid hand sanitizer	Product Innovation	Technological	Prakousol	Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	No	No	No	
Name		Type		Gender		Email		Contact						
Dr Saikat K Jana		Faculty		Male		saikat@nitap.ac.in		9485230608						
Name		Type		Gender		Email		Contact						
Regional India app		Service Innovation		Technological		Student		TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	6
Name		Type		Gender		Email		Contact						
Sudhanshu Kumar Tiwary		Student		Male		sudhanshu2018@gmail.com		7375078284		Name	Email			
7	Ferrofluid deformable mirror for astronomical telescope	Product Innovation	Technological		Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No	
Name		Type		Gender		Email		Contact						
Sayan Pakira		Student		Male		pakira.sayan@gmail.com		8420940491						

Name		Type		Gender		Email		Contact					
Theoretical and experimental investigation on organic materials for perovskite solar cell applications	Process Innovation	Technological	SEED Grant	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	200000	No	No	8
Name		Type		Gender		Email		Contact					
Dr Tushar Dhabal Das		Faculty		Male		tddas@nitap.ac.in		9402617737					
Name		Type		Gender		Email		Contact					9
Sagar Bhattarai		Student		Male		sagarbhattarai012@gmail.com		8135996060					
How to generate a pulse width modulation and simulation methodology having extremely low duty cycle from high performance process file for IoT sensor application	Process Innovation	Technological	SEED Grant	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	Agency Name	Indian Patent	No	200000	No	No
								Agency Type	Govt. Agency (Central)				
								Award / Position / Recognition Secured	Patent published				
Name		Type		Gender		Email		Contact					Name
Dr Abir Jyoti Mandal		Faculty		Male		abir@nitap.ac.in		9436288558					
10	A digital design framework of programmable duty cycle generator	Process Innovation	Technological	SEED Grant	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	200000	No	No

Name		Type		Gender		Email		Contact					
Dr Alak Mazumdar		Faculty		Male		alak@nitap.ac.in		9436288578					
Name		Type		Gender		Email		Contact		11			
Utilization of poultry manure as soil amendments	Process Innovation	Technological	SEED Grant	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No		Grant Amount in Rs 200000	No	No
Name		Type		Gender		Email		Contact		Name Email			
Dr Manjula Das Ghatak		Faculty		Female		manjula@nitap.ac.in		9485231718					
12	Fabrication of IL 10 based electrochemical immunosensor for diagnosis of endometriosis	Process Innovation	Technological	SEED Grant	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	Grant Amount in Rs 200000	No	No
Name		Type		Gender		Email		Contact					
Dr Saikat Kumar Jana		Faculty		Male		saikat@nitap.ac.in		9485230608					
Name		Type		Gender		Email		Contact		13			
Behavior based navigational controller for robot using ANFIS	Process Innovation	Technological	SEED Grant	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No		Grant Amount in Rs 200000	No	No
Name		Type		Gender		Email		Contact		Name Email			
Dr Prases Kumar Mohanty		Faculty		Male		prases@nitap.ac.in		9485236260					
14	Study of interaction between liquid droplet and solid surfaces with variant wettability	Process Innovation	Technological	SEED Grant	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	Grant Amount in Rs 200000	No	No

Name		Type		Gender		Email		Contact																									
Dr Anup Paul		Faculty		Male		anup@nitap.ac.in		9485231981																									
15																																	
Acoustic and spectral analysis of Arunachal language Adi and to identify dialects accents in Adi language		Process Innovation Technological		SEED Grant Faculty		TRL 2 : Technological formulation. Concept and application have been formulated .		TRL 2 : Technological formulation. Concept and application have been formulated .		Innovation Development Ongoing		No		No		Grant Amount in Rs		200000		No		No											
Name		Type		Gender		Email		Contact		Name		Email																					
Dr Yang Saring		Faculty		Female		ysaring@nitap.ac.in		9436272881																									
16																																	
Smart adapter for LPG sector		Product Innovation Technological		Student		TRL 3 : Applied research. First laboratory tests completed ; proof of concept.		TRL 3 : Applied research. First laboratory tests completed ; proof of concept.		Innovation Development Ongoing		Agency Name		Smart India Hackathon 2020		Agency Type		Govt. Agency (Central)		Award / Position / Recognition Secured		Not received		No		Grant Amount in Rs		200000		No		No	
Name		Type		Gender		Email		Contact																									
Sayan Pakira		Student		Male		sayan.btech@nitap.ac.in		8420940491																									
Name		Type		Gender		Email		Contact																									
Saksham Goyal		Student		Male		sakshamgoyalswm@gmail.com		7023539140																									
17																																	
Computer vision and Machine Learning		Process Innovation Technological		Student		TRL 0 : Idea. Unproven concept, no testing has been performed .		TRL 0 : Idea. Unproven concept, no testing has been performed .		Innovation Development Ongoing		No		No		No		No		No													
Name		Type		Gender		Email		Contact																									
Arpit Gupta		Student		Male		ag945029@gmail.com		9402732343																									

Name		Type		Gender		Email		Contact				
Vikas Kumar		Student		Male		vicky Chopra18101998@gmail.com		9113375801				
18	Developing Career Counselling software	Service Innovation	Technological	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type		Gender		Email		Contact			
	Nitish Kumar		Student		Male		negilucky799@gmail.com		9805895591			
	Name		Type		Gender		Email		Contact			
	Mikgan Mossang		Student		Female		mikganmossang@gmail.com		8415820685			
Vikas Kumar		Student		Male		vikasbtech17@nitap.ac.in		9113375801				

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	Gifu University	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	15	01-07-2020
2	North East Agro Products and Services	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	30	13-11-2019
3	Assam Science and Technology University	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	25	21-08-2020
4	Government College of Technology Coimbatore	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	20	13-08-2019
5	Capital Engineering Consultancy Sharjah	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	10	13-08-2019
6	Indian Institute of Technology Guwahati	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	40	26-09-2019
7	Ministry of Micro Small and Medium Enterprises Govt of India	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	5	10-09-2020
8	National Highways Authority of India	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	10	25-09-2020

9	National Power Training Institute	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	10	30-10-2019
10	Rajiv Gandhi University Arunachal Pradesh	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	20	13-08-2019
11	North East Regional Institute of Science and Technology Arunachal Pradesh	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	20	13-08-2019
12	Saint Claret College Ziro Arunachal Pradesh	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	10	17-10-2019
13	All India Council for Technical Education New Delhi	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Networking	10	12-11-2020

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	A Cost effective system for driver drowsiness detection	202041005075	National	2020 - 02	Uploaded
	2	Novel method for prevention of security attack on cloud medical data using artificial intelligence and IOT	202011005608	National	2020 - 02
Uploaded		3	Liver cancer diagnosis using meta-classifiers based on bupa liver disorder	201811035978	National
2020 - 03	Uploaded		4	Testing time detection rate and accuracy estimation in context to network intrusion detection in sparks MLlib environment	201811025476
National	2020 - 01	Uploaded		5	Electrochemical sensor based system adapted for immuno response

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

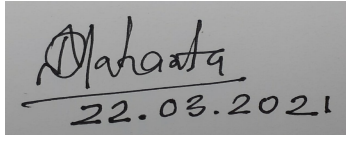
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Pinakeswar Mahanta (Head of Institute) and Dr. Rajat Subhra Goswami (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

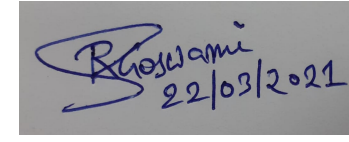
The Head of Institute



Mahanta
22.03.2021

Prof. Pinakeswar Mahanta
Head of the Institution,
YUPIA, Arunachal Pradesh

Nodal officer



R. Goswami
22/03/2021

Dr. Rajat Subhra Goswami
Nodal Officer,
YUPIA, Arunachal Pradesh