



Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: National Institute of Pharmaceutical Education and Research (NIPER) - Ahmedabad [ARI-A-44532]

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

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/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
International Conference on New frontiers in Dissolution Science and applications	Innovation	Workshop and Seminar	Institute Lead Activity	Department of Pharmaceuti cs	25-06-2018 00:00:00	25-06-2018 00:00:00	1	Within Campus	200	15	25	6	246	Yes	75000
Elsevier workshop on Scopus and Reaxys	IPR, Innovation	Workshop for data mining	Institute Lead Activity	Department of Medicinal Chemistry	31-01-2019 00:00:00	31-01-2019 00:00:00	1	Within Campus	200	21	0	3	224	No	
Role of Electronic Laboratory Notebook towards GxP Compliance	IPR, Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Department of Pharmaceuti cal Analysis	25-03-2019 00:00:00	25-03-2019 00:00:00	1	Within Campus	200	21	0	0	221	No	

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

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/Rec ognitions/Ac hievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/rec eived fund towards sending delegation to participate/re present the program/acti vity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
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Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

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Science Slam World cup 2018 at Cologne in Germany, 2018	Innovation	Innovation Competition	German Sport University, Cologne	International Agencies	19-11-2018 00:00:00	24-11-2018 00:00:00	6	1	0	1	No	-1-		No	
Indian Medical Device Industry Conference 2018, Ahmedabad, Gujarat, India	Entrepreneur ship/Startup	Conference and Innovation contest	Indian Medical Device Industry Association	Corporate / Industry Association	27-10-2018 00:00:00	28-10-2018 00:00:00	2	20	3	23	Yes	Sushruta Awards (1st and 3rd Prize)	1st prize- Electrochemi cal immunosens or for detection of kidney damage at early stages. 3rd Prize- Hyaluronic acid Nanoparticle loaded collagen punctal plugs for dry eye syndrome	Yes	70000
2nd World Conference on Access to Medical Products- Achieving the SDGs 2030	IPR	Conference	WHO and the Ministry of Health of India, New Delhi	Govt. Agency (Central)	09-10-2018 00:00:00	11-10-2018 00:00:00	3	0	4	4	No			Yes	30000
Workshop on PHARMACO KINETICS AND PBPK MODELING	Innovation	workshop	Indian Institute of Science (IISc), Bangalore, India.	Educational Institute	10-10-2018 00:00:00	10-10-2018 00:00:00	1	1	0	1	No	l		Yes	3000
Workshop on Next generation sequencing data analysis	Innovation	Workshop	BDG Life Sciences (OPC) PVT.LTD, Hyderabad, India	Corporate / Industry Association	13-12-2018 00:00:00	15-12-2018 00:00:00	3	1	0	1	No			Yes	3000
Japan-Asia youth exchange program in Science	Entrepreneur ship/Startup	Leadership training	The Japan Science and Technology Agency and organized by the University of Miyazaki	International Agencies	12-12-2018 00:00:00	21-12-2018 00:00:00	10	0	1	1	No			No	
Biotechnolog y Entrepreneur ship Student Teams (BEST- ABLE-2018)	IPR	workshop and startup competition	Association of Biotechnolog y Led Enterprises (ABLE) and Department of Biotechnolog y, Gol	Govt. Agency (Central)	17-12-2018 00:00:00	21-12-2018 00:00:00	5	5	0	5	Yes	2nd Prize (INR 3 lakhs)	Smart punctal plug for the treatment and management of dry eye disease	No	

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

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Industrial Process and Scale- up techniques	Innovation	Elective/Core Credit Course	Master	30-07-2018 00:00:00	28-12-2018 00:00:00	152	Offline	17	17	30
Regulatory Perspective of Medical Devices	IPR	Elective/Core Credit Course	Master	30-07-2018 00:00:00	28-12-2018 00:00:00	152	Offline	10	10	60
Medical devices Production Innovation and Development	Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	10	10	30
Lean System and Six Sigma	Entrepreneurship/Startup	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	10	10	30
Fundamentals of Intellectual Property and Technology Management	IPR	Elective/Core Credit Course	Master	30-07-2018 00:00:00	28-12-2018 00:00:00	152	Offline	51	51	30
Regulatory consideration for Pharmaceutical Development	IPR	Elective/Core Credit Course	Master	30-07-2018 00:00:00	28-12-2018 00:00:00	152	Offline	18	18	30
Pharmaceutical Product Development -I	Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	18	18	30
Pharmaceutical Product Development -II	Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	18	18	60
Quality Control and Quality Assurance	Entrepreneurship/Startup	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	18	18	60
Pharmaceutical Product development -I	Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	18	18	30
Clinical Pharmacology and Regulatory Toxicology	IPR, Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	12	12	60
Logic of Organic Synthesis I	Innovation	Elective/Core Credit Course	Master	30-07-2018 00:00:00	28-12-2018 00:00:00	152	Offline	18	18	90
Logic of Organic Synthesis II	Innovation	Elective/Core Credit Course	Master	01-01-2018 00:00:00	31-05-2018 00:00:00	151	Offline	18	18	90

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

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
Drug discovery and Medical devices lab	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India.	Facility Incharge Name Kalia Facility Incharge Email Facility Incharge Phone Prof. Kiran Kalia (Rirankalia) (Rirankalia	2000 Sq. Ft.	Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees)	No

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

			exists in campu			r	
Animal House Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India.	Facility Incharge Email Facility Incharge Email Facility Incharge Email Facility Incharge Phone Parallab Bhattach arya pallab.bh attachary a@nipera hm.ac.in 79667455 55	1200 Sq. Ft.	Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees) 13582067.14	No
Endolichenic Fungal Culture Facility	Centre of Excellence with Advance Tools & Equipment	2018	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility @niperah m.ac.in Facility Incharge Phone Pacility 99602482 96	100 Sq. Ft.	Yes Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees)	No
Natural product and chemical Synthetic Lab	Centre of Excellence with Advance Tools & Equipment	2016	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Problem Dr. Dinesh Kumar dineshk@ niperahm. ac.in 87094470 63	1500 Sq. Ft.	Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees) Annual Operational Expenditure (In Rupees)	No
Cellular and Molecular biology Facility	Centre of Excellence with Advance Tools & Equipment	2017	Mian Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Proceedings of the Akshay and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Akshay Srivastav and Akshay incharge Phone Proceedings of the Phone Proceedings of the Akshay incharge Phone Proceedings of the Phone Proceedings of t	100 Sq. Ft.	Yes Annual Capital 2908151 Expenditure (In Rupees) Annual Operational Expenditure (In Rupees)	No
Animal Imaging Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Dr. Pallab Bhattach arya pallab.bh attachary a@nipera hm.ac.in 79667455 55	100 Sq. Ft.	Yes Annual Capital Expenditure (In Rupees) Annual Operational Expenditure (In Rupees)	No

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

Central Instrumentation Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355,	Facility Incharge Name	Miss Rajeshwa ri Rathod	2000 Sq. Ft.	Ye Annual Capital	s 68000000	No
			Gujarat, India	Facility Incharge Email	rajeshwar i.rathod@ niperahm. ac.in		Expenditure (In Rupees)	13582067.14	
				Facility Incharge Phone	79667455 55		Operational Expenditure (In Rupees)		

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

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)
Natural product and chemical Synthetic Lab	Funding Agency	Department of Science Technology, Science and Engineering Research Board, Gol	Govt. Agency (Central)	Yes	10910000
Animal Imaging Facility	Funding Agency	Indian Council of Medical Research, Gol	Govt. Agency (Central)	Yes	4000000
Drug discovery and Medical devices lab	Funding Agency	Department of Science Technology, Gol	Govt. Agency (Central)	Yes	4700000
Drug discovery and Medical devices lab	Funding Agency	Department of Biotechnology, Gol	Govt. Agency (Central)	Yes	11080000
Animal House Facility	Funding Agency	NIH Subcontract Grant, USA	International Agencies	Yes	1419670.
Cellular and Molecular biology Facility	Funding Agency	Department of Biotechnology, Gol	Govt. Agency (Central)	Yes	11080000

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

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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or or institute during the financial period 2018-19?
Stem Cell Therapy to Counteract Endoplasmic Reticulum Stress in Ischemic stroke	Animal Imaging Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	IP / Patented Technology Applie d for Patent Patent Applica tion No	Still Under Development Process	TRL 1: Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No

Idea / Prototype / In	novation have r	eceived Grant /	funding from F	Pre-Incubation /	Incubation Cer	tre / Facilities				
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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
					Year of Patent Applica tion			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)		
	Principal Inn	_								
	Principal inin	ovator								
	Principal inin	ovator Name		Туре		Gender		Email	Co	ontact
	Dr. Pallab Bhattach	Name		Type Faculty	Male		pallab.b	Email hattacharya@niperahm.ac		ontact
	·	Name	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.				pallab.b Still Under Development Process			No
No	Dr. Pallab Bhattach: sp3 C-H activation strategies for synthesis of Bioactive New	Name arya Natural product and chemical Synthetic	research. Principles postulated and observed but no experimental proof available.	Faculty	Male	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica	Still Under Development	hattacharya@niperahm.ac TRL 1 : Basic research. Principles postulated and observed but no experimental proof	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	
No	Dr. Pallab Bhattach: sp3 C-H activation strategies for synthesis of Bioactive New	Name Arya Natural product and chemical Synthetic Lab	research. Principles postulated and observed but no experimental proof available.	Faculty	Male	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development	hattacharya@niperahm.ac TRL 1 : Basic research. Principles postulated and observed but no experimental proof	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 10910000	
No	Dr. Pallab Bhattach: sp3 C-H activation strategies for synthesis of Bioactive New	Name Arya Natural product and chemical Synthetic Lab	research. Principles postulated and observed but no experimental proof available.	Faculty	Type	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 10910000	No

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 Still Under Nο Drug discovery and TRL 1: Basic Faculty TRL 1: Basic Light amplifying carbon IP / Patented Yes Medical devices lab quantum dot embedded research. Principles Development research. Principles Technology contact lenses for postulated and Process postulated and treatment of night blindness observed but no observed but no Total Seed Grant/Fund experimental proof No experimental proof Applie d for available. available. Amount Patent Disbursed to above Idea/Prototype/I Patent nnovations Applica tion No Development by Centre (In Rupees) Year of Patent 4700000 **Applica** tion No **Principal Innovator** Name Type Gender Email Contact Male Dr. Govinda Kapusetti Faculty govinda@niperahm.ac.in 7966745555 Co-Innovator Gender Email Name Type Contact Dr. Pallab Bhattacharya Faculty Male pallab.bhattacharya@niperahm.ac.in 7966745555 TRL 1: Basic 2018 Still Under TRL 1: Basic No Is Enteric Neuronal Cellular and Faculty No IP / Patented Yes research. Principles Molecular biology research. Principles Development inflammation a starting Technology point of Parkinsons Facility postulated and Process postulated and Disease Pathogenesis observed but no observed but no Total Seed Grant/Fund experimental proof experimental proof Applie d for No available. available. Amount Disbursed to Patent above Idea/Prototype/I Patent nnovations Applica tion No Development by Centre (In Rupees) Year of Patent 11080000 **Applica**

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Idea / Prototype / Ini	novation have r	eceived Grant /	funding from F	Pre-Incubation	/ Incubation Co	entre / Facilities				
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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Тур	е	Gender		Email	Co	ontact
	Dr. Amit Khairnar			Faculty	Ma	le	amitkh	airnar520@gmail.com	919284349396	
	In-silico design and validation of boronic acid-based molecules for the treatment of colorectal cancer Computer-aided hit to lead discover	Drug discovery and Medical devices lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2019	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 11080000	No
No		Principal Inn	ovator							
			Name		Туре	Ge	ender	Email		Contact
		Dr. Alok jain		Fac	ulty	Male		alokjain@niperahm.ac.in	6355733209	
Deciphering role of mitochondria in ischemic stroke		Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2017	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 5281915	No

Idea / Prototype / In	novation have	received Grant /	funding from F	Pre-Incubat	tion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status o Innovation, Stag of TRL it has reached	Financial support (either own resource or fund f received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development vat le station Support to Idea / Prototype / Innovations Incu	Had the A/Prototype/Inno ions raised any sed fund/Angel westment/VC ng the period of eceiving prebation/incubatio support at your prebation/incubatio institute during financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inne	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Pallab Bhattach	arya		Facult	у	Male		pallab.bhattacharya@niperahm. ac.in	7966745555	
	Sustainable approaches for the synthesis of drugs and drug intermediates	Natural product and chemical Synthetic Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty		2017	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	available.	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations evelopment by Centre (In Rupees)	No
No		Principal Inne	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Dinesh Kumar			Facult	у	Male		dineshk@niperahm.ac.in	8709447063	
Fluorine containing molecules as drug candidates		Natural product and chemical Synthetic Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student		2017	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	available.	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations evelopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have	received Grant /	funding from F	re-Incubat	ion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development vat der Se Se Financial support duri	Had the a/Prototype/Inno ions raised any sed fund/Angel westment/VC ing the period of eceiving pre-bation/incubatio pre-bation/incubatio institute during financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ger	nder	Email		Contact
		Dr. Satyasheel Sha	rma		Facult	у	Male		satyasheel.sharma@niperahm.a c.in	7966745555	
	Development of anti-cancer drug candidates	Natural product and chemical Synthetic Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student		2017	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	available.	Total Seed Grant/Fund Amount Disbursed to above enorytions evelopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ger	nder	Email		Contact
		Dr. Amit Sharad			Facult	y and Student	Male		amit@nipergn.ac.in	7966745555	
Peptide and peptide nucleic acid as a drug candidates and carrier		Natural product and chemical Synthetic Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student		2019	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion in Applica tion No	Still Under Development Process	available.	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations evelopment by Centre (In Rupees)	No

Name of Idea / POC / Innovation / From Centre Stage of Innovation (TRL Stage) Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Type of Innovation Name of Centre Current Status Pre-Incubation/Incubation on Support Received Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Type of Innovation Name of Centre Current Status Pre-Incubation/Incubation on Support Received Name of Centre Stage of Innovation Project Started Name of Centre Stage of Innovation Developed by Name of Centre Stage of Innovation Project Started Type of Innovation Name of Centre Innovation Project Started Name of Centre Status of Innovation Project Started Name of Centre Stage of Innovation Project Started Name of Centre Stage of Innovation Project Started Name of Centre Name of Centre Stage of Innovation Project Started Name of Centre Name of Centre Status of Innovation Project Started Name of Centre Name of Cen	Income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubatio n support and the services offered by Pre-
during the financial the financial period 2018-19 2018-19	n or inetitute during
No Principal Innovator	
Name Type Gender Email	Contact
Dr. Bichismita Sahu Faculty and Student Female bichismita@niperahm.ac.in 842402	2096
Development of procuse punctual plug for the management of dry eye disease TRL 4: Small scale prototype built in a slaboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly discovery and Medical devices lab alboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype). Truly development prototype built in a slaboratory environment ("ugly" prototype built	Idea/Prototype/I /I nnovations during the
No Principal Innovator	
Name Type Gender Email	Contact
Dr. Akshay Srivastava Faculty and Student Male akshay.shrivastava@niperahm.a 796674	5555

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 Development of herbal TRL 2: Technology 2017 Still Under TRL 2: Technology No Drug discovery and Faculty and IP / Patented Yes Medical devices lab based fever cooling patch formulation. Development formulation. Student Technology Concept and Process Concept and application have application have Total Seed Grant/Fund been formulated. No been formulated. Applie d for Amount Patent Disbursed to above Idea/Prototype/I Patent nnovations Applica tion No Development by Centre (In Rupees) Year of Patent 5281915 **Applica** tion No **Principal Innovator** Name Type Gender Email Contact Male Dr. Abhijeet S. Kate Faculty abhijeetk@niperahm.ac.in 9960248296 Co-Innovator Gender Name Type Email Contact Dr. Prasoon Kumar Faculty Male prasoon.kumar@niperahm.ac.in 8105648520 TRL 1: Basic Faculty and 2019 Still Under TRL 1: Basic No Novel way of performing Drug discovery and No IP / Patented Yes Medical devices lab research. Principles research. Principles Development drug excipients Student Technology compatibility to resolve postulated and Process postulated and issue related to drug observed but no observed but no Total Seed Grant/Fund formulation experimental proof No experimental proof Applie d for available. available. Amount Disbursed to Patent above Idea/Prototype/I Patent nnovations Applica tion No Development by Centre (In Rupees) Year of Patent 5281915 **Applica** tion

Idea / Prototype / In	novation have	received Grant /	funding from F	Pre-Incubation /	Incubation Ce	ntre / Facilities				
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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Dr. Ravi Shah			Faculty	Ma	e	ravi.sh	ah@niperahm.ac.in	7966745555	
	Development of peptide based scaffolds for tissue engineering	Drug discovery and Medical devices lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
No		Principal Inn	ovator							
			Name		Туре	Ge	nder	Email		Contact
		Dr. Alok jain		Facu	lty	Male		alokjain@niperahm.ac.in	6355733209	
Identification of novel compounds having potential against cancer progression, cancer stem cells, disease recurrence and drug related chemoresistance.		Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 5281915	No

Idea / Prototype / In	novation have I	received Grant /	funding from F	Pre-Incubati	ion / In	ncubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Start	ition / ted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status or Innovation, Stage of TRL it has reached	Financial support (either own resource or fund f received from e agencies) in terms of Seed Grant/Fund i Support to Idea / Prototype / Innovations i Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inne	Principal Innovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr Rachana Garg			Faculty		Male		rachanag@niperahm.ac.in	7470535946	
	Intracellular quantification of drugs and metabolites	Drug discovery and Medical devices lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2	2017	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
No		Principal Inne	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Pinaki Sengupta	1		Faculty		Male		pinakis@niperahm.ac.in	7966745555	
Biodegradable staples for wound closure		Drug discovery and Medical devices lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2	2018	IP / Patented Technology Applie d for Patent Patent Application No Year of Patent Applica tion	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue (either own Seed fund/Angel Investment/VC from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio on Support Received Developed by of Seed Grant/Fund n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 No **Principal Innovator** Name Type Gender Email Contact Dr. Govinda Kapusetti Faculty Male govinda@niperahm.ac.in 8000247141 Quantum dot based Drug discovery and Medical devices lab TRL 3 : Applied research. First Faculty and 2018 Still Under TRL 3 : Applied research. First No IP / Patented Yes Development Student colorimetric Technology biosensor for laboratory tests Process laboratory tests multiple disease completed: proof of completed: proof of Total Seed diagnosis concept. Applie d for Patent concept. No Grant/Fund Amount Disbursed to above Idea/Prototype/I Patent Applica tion No nnovations Development by Centre (In Rupees) Year of Patent 5281915 Applica No **Principal Innovator** Gender Email Contact Name Type Male 8000247141 Faculty Dr. Govinda Kapusetti govinda@niperahm.ac.in

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

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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Novel formulations for the targeted brain delivery by intranasal route		Drug discovery and Medical devices lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2014	IP / Patented Technology Applie d for Patent Patent Application No Year of Patent Application No	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 5281915	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/I nnovations during the period of pre- incubation/incub ation support at your Pre- incubation/incub ation or institute financial period 2018-19 (in Rupees) 5281915 Seedfu nd/Ang el/VC Agenc y Name Govt. Agenc y Type (Cent ral)
	No	Principal Inno	ovator							
		Dr. Manju Misra	Name	Facul	Type	Ge Female	ender	Email nanju@niperahm.ac.in	7966745555	Contact

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue (either own Seed fund/Angel Investment/VC from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio Developed by on Support Received of Seed Grant/Fund n support and the services offered by from Centre reached Support to Idea / Prototype / n support at your Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period during the financial period 2018-19 the financial period 2018-19 2018-19? TRL 2: Technology 2017 Still Under TRL 2: Technology Topical ocular Drug discovery and Faculty and IP / Patented Yes Yes Medical devices lab formulations for formulation. Development formulation. Student Technology targeting posterior Concept and Process Concept and Total Seed Fund/Angel Investment/VC Fund raised by segment of eye application have application have Total Seed Grant/Fund been formulated. No been formulated. Applie d for Amount Patent Disbursed to above Idea/Prototype/I Idea/Prototype/I nnovations Patent Applica tion No during the period of prennovations Development by Centre (In incubation/incub Rupees) ation support at your Preincubation/incub 5281915 ation or institute financial period 2018-19 (in Rupees) 5281915 Year of Patent DST-INSPI Seedfu nd/Ang el/VC Applica RE

										Name	Govt. Agen cy (Cent ral)
No	Principal Inno	ovator									
		Name	Туре	e	G	ender	Ema	il		Contact	
	Dr. Manju Misra		Faculty		Female		manju@niperahm.	ac.in	7966745555		

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Centre/institute Had Centre/institute Had the Idea/Prototype/Inno

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovati Project Starte	on / Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached	e agencies) in terms	Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubatio n support and the services offered by Pre-incubation/incubatio n or institute during the financial period 2018-19?
Development and validation of progressive mouse model of Parkinson disease regeneration from olfactory bulb using diffusion curtosis imaging		Animal Imaging Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	IP / Patented Technology Applie d for Patent Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 5281915	No
	No	Principal Inno	ovator							
			Name		Туре	Ge	ender	Email		Contact
		Dr. Amit Khairnar	Name	F	Type Faculty	Male	ender	Email amitk@niperahm.ac.in	9192843493	
	Design and development of affordable microdevices for biomedical and pharmaceutical analysis	Dr. Amit Khairnar Drug discovery and Medical devices lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	•		Still Under Development Process			
No	development of affordable microdevices for biomedical and pharmaceutical	Drug discovery and	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and	Faculty	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica	Still Under Development	amitk@niperahm.ac.in TRL 2 : Technology formulation. Concept and application have	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	896
No	development of affordable microdevices for biomedical and pharmaceutical	Drug discovery and Medical devices lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and	Faculty	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development	amitk@niperahm.ac.in TRL 2 : Technology formulation. Concept and application have	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 5281915	896

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 Natural product and TRL 1: Basic 2019 Still Under No Faculty and TRL 1: Basic Discovery of novel plant-IP / Patented Yes chemical Synthetic based therapeutic agents research. Principles Development research. Principles Student Technology inspired from traditional postulated and Process postulated and system of medicine observed but no observed but no Total Seed Grant/Fund experimental proof No experimental proof Applie d for available. available. Amount Patent Disbursed to above Idea/Prototype/I Patent nnovations Applica tion No Development by Centre (In Rupees) Year of Patent 5281915 **Applica** tion No **Principal Innovator** Name Type Gender Email Contact Male Dr Uma Ranjan Lal Faculty urlal@niperahm.ac.in 8219487781 TRL 1: Basic 2019 Still Under Cellular and Faculty TRL 1: Basic No Intra-arterial Molecular biology IP / Patented Yes delivery of brain research. Principles Development research. Principles Technology derived Facility postulated and Process postulated and neurotrophic factor observed but no observed but no Total Seed (BDNF) loaded experimental proof experimental proof Grant/Fund No Applie d for dendrimeravailable. available. Amount stabilized smart-Patent Disbursed to albumin above Idea/Prototype/I nanoparticle Patent (DSSAN) for the nnovations Applica tion No treatment of Development by ischemic stroke Centre (In No

		Year of Patent Applica tion	4000	0000
Principal Innovator				
Name	Туре	Gender	Email	Contact
Dr. Pallab Bhattacharya	Faculty	Male	pallab.bhattacharya@niperahm. ac.in	7966745555

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

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 Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status o Innovation, Stag of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Efficacy of IA versus intravenous (IV) administration of green fluorescent protein positive mesenchymal stem cells (GFP MSCs) following ischemic stroke in a rodent model		Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2019	IP / Patented Technology Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 1419670.	No
	No	Principal Inn	ovator							
			Name		Туре	Ge	nder	Email		Contact
		Dr. Pallab Bhattach	arya	Fac	ulty	Male		pallab.bhattacharya@nipera ac.in	ahm. 7966745555	

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

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	Type of Innovation	Current Status Pre- Incubation/Incuba tion Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start- up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incuba tion support at your Pre-incubation/incuba tion or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incuba tion support and the services offered by Pre-incubation/incuba tion or institute during the financial period 2018-19?
NA	Drug discovery and Medical devices lab	2018-19	One Person Company	NA	Faculty	Non-IP / Non- Patented Technology			No	No	No

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

Founder					
Name	DIN Number	Туре	Gender	Email	Contact
NA	NA	Faculty	Male	dineshk@niperahm.ac.in	870944706

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Extended to Other Institute	National Institute of Pharmaceutical Education and Research Ahmedabd	Pre-incubation	01	02-10-2014

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder Centre / Department of Origin of Licence		Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
NA	IP/Patented Technology	One-time transfer/Licens ing	8976	Patent/Licence NA Holder name	Medicinal chemistry	Licence Transferred to	Start-up	No	
				(Institute Co- ownership is Must)		Name of Industry/Start- up/Agency Received License/Techno logy	NA		
				Contact number 8976 of license holder					
				Email of dineshk@n Licence holder erahm.ac.ir	0	Address of Agency	NA		
				Male		Contact Number of Agency	8796		
				Gender		Email of Agency	dineshk@nip erahm.ac.in		

Responsibility for accuracy and authenticity of data lies with the concerned institution.