



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

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/received fund to organise the program/activity/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 Pharmaceutics	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, Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Pharmaceutical 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 reputed 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/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 program/activity/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 reputed external institutions or agencies at national or international level

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	---	---	No	---
Indian Medical Device Industry Conference 2018, Ahmedabad, Gujarat, India	Entrepreneurship/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- Electrochemical immunosensor 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	---	---	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	Entrepreneurship/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	---
Biotechnology Entrepreneurship Student Teams (BEST-ABLE-2018)	IPR	workshop and startup competition	Association of Biotechnology Led Enterprises (ABLE) and Department of Biotechnology, 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.	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Kiran Kalia</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kirankalia@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7966745555</td> </tr> </table>	Facility Incharge Name	Prof. Kiran Kalia	Facility Incharge Email	kirankalia@gmail.com	Facility Incharge Phone	7966745555	2000 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2908151</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2908151	Annual Operational Expenditure (In Rupees)	13582067.14	No
Facility Incharge Name	Prof. Kiran Kalia																		
Facility Incharge Email	kirankalia@gmail.com																		
Facility Incharge Phone	7966745555																		
Yes																			
Annual Capital Expenditure (In Rupees)	2908151																		
Annual Operational Expenditure (In Rupees)	13582067.14																		

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

Animal House Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India.	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Pallab Bhattacharya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pallab.bhattacharya@niperahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7966745555</td> </tr> </table>	Facility Incharge Name	Dr. Pallab Bhattacharya	Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in	Facility Incharge Phone	7966745555	1200 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2931605</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2931605	Annual Operational Expenditure (In Rupees)	13582067.14	No
Facility Incharge Name	Dr. Pallab Bhattacharya																		
Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in																		
Facility Incharge Phone	7966745555																		
Yes																			
Annual Capital Expenditure (In Rupees)	2931605																		
Annual Operational Expenditure (In Rupees)	13582067.14																		
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	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Abhijeet S. Kate</td> </tr> <tr> <td>Facility Incharge Email</td> <td>abhijeetk@niperahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9960248296</td> </tr> </table>	Facility Incharge Name	Dr. Abhijeet S. Kate	Facility Incharge Email	abhijeetk@niperahm.ac.in	Facility Incharge Phone	9960248296	100 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2908151</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2908151	Annual Operational Expenditure (In Rupees)	13582067.14	No
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Annual Capital Expenditure (In Rupees)	2908151																		
Annual Operational Expenditure (In Rupees)	13582067.14																		
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	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dinesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dineshk@niperahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8709447063</td> </tr> </table>	Facility Incharge Name	Dr. Dinesh Kumar	Facility Incharge Email	dineshk@niperahm.ac.in	Facility Incharge Phone	8709447063	1500 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2908151</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2908151	Annual Operational Expenditure (In Rupees)	13582067.14	No
Facility Incharge Name	Dr. Dinesh Kumar																		
Facility Incharge Email	dineshk@niperahm.ac.in																		
Facility Incharge Phone	8709447063																		
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Annual Capital Expenditure (In Rupees)	2908151																		
Annual Operational Expenditure (In Rupees)	13582067.14																		
Cellular and Molecular biology Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Akshay Srivastava</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akshay@niperahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7966745555</td> </tr> </table>	Facility Incharge Name	Dr. Akshay Srivastava	Facility Incharge Email	akshay@niperahm.ac.in	Facility Incharge Phone	7966745555	100 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2908151</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2908151	Annual Operational Expenditure (In Rupees)	13582067.14	No
Facility Incharge Name	Dr. Akshay Srivastava																		
Facility Incharge Email	akshay@niperahm.ac.in																		
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Yes																			
Annual Capital Expenditure (In Rupees)	2908151																		
Annual Operational Expenditure (In Rupees)	13582067.14																		
Animal Imaging Facility	Centre of Excellence with Advance Tools & Equipment	2017	Main Building, NIPER Ahmedabad Opposite Air force Station Palaj, Gandhinagar-382355, Gujarat, India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Pallab Bhattacharya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pallab.bhattacharya@niperahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7966745555</td> </tr> </table>	Facility Incharge Name	Dr. Pallab Bhattacharya	Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in	Facility Incharge Phone	7966745555	100 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2908151</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>13582067.14</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2908151	Annual Operational Expenditure (In Rupees)	13582067.14	No
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Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in																		
Facility Incharge Phone	7966745555																		
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Annual Capital Expenditure (In Rupees)	2908151																		
Annual Operational Expenditure (In Rupees)	13582067.14																		

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, Gujarat, India	Facility Incharge Name	Miss Rajeshwari Rathod	2000 Sq. Ft.	Yes		No
				Facility Incharge Email	rajeshwari.rathod@niperahm.ac.in		Annual Capital Expenditure (In Rupees)	68000000	
				Facility Incharge Phone	7966745555		Annual Operational Expenditure (In Rupees)	13582067.14	

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/Incubation 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/Innovations 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/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation 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 Applied for Patent Patent Application No	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No

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

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					Year of Patent Application			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 1200000		
Principal Innovator										
Name				Type		Gender		Email		Contact
Dr. Pallab Bhattacharya				Faculty		Male		pallab.bhattacharya@niperahm.ac.in		7966745555
sp3 C-H activation strategies for synthesis of Bioactive New Chemical Entities	Natural product and chemical Synthetic Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	IP / Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 10910000
					Applied for Patent	No				
					Patent Application No					
					Year of Patent Application					
No	Principal Innovator									
Name				Type		Gender		Email		Contact
Dr. Dinesh Kumar				Faculty		Male		dineshk@niperahm.ac.in		8709447063

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/Incubation 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/Innovations 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/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
						IP / Patented Technology	Applied for Patent				
Light amplifying carbon quantum dot embedded contact lenses for treatment of night blindness		Drug discovery and Medical devices lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	IP / Patented Technology	No	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No
						Applied for Patent					
						Patent Application No					
						Year of Patent Application		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		4700000	
No											
Principal Innovator											
			Name		Type		Gender		Email		Contact
			Dr. Govinda Kapusetti		Faculty		Male		govinda@niperahm.ac.in		7966745555
Co-Innovator											
			Name		Type		Gender		Email		Contact
			Dr. Pallab Bhattacharya		Faculty		Male		pallab.bhattacharya@niperahm.ac.in		7966745555
Is Enteric Neuronal inflammation a starting point of Parkinsons Disease Pathogenesis	Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	IP / Patented Technology	No	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No
					Applied for Patent						
					Patent Application No						
						Year of Patent Application		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		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/Incubation 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/Innovations 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/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?																																	
<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="3">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="3">Dr. Amit Khairnar</td> <td colspan="2">Faculty</td> <td colspan="2">Male</td> <td colspan="2">amitkhairnar520@gmail.com</td> <td colspan="2">919284349396</td> </tr> </tbody> </table>											Principal Innovator											Name			Type		Gender		Email		Contact		Dr. Amit Khairnar			Faculty		Male		amitkhairnar520@gmail.com		919284349396	
Principal Innovator																																											
Name			Type		Gender		Email		Contact																																		
Dr. Amit Khairnar			Faculty		Male		amitkhairnar520@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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td colspan="2">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td colspan="2">11080000</td> </tr> </tbody> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		11080000		No																				
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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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>5281915</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5281915	No					
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Identification of novel compounds having potential against cancer progression, cancer stem cells, disease recurrence and drug related chemo-resistance.	Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td colspan="2">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td colspan="2">5281915</td> </tr> </tbody> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		5281915																						
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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	2017	IP / Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 5281915																														
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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	2018	IP / Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 5281915																														

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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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>5281915</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5281915	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>5281915</td> </tr> <tr> <td>Seedfund/Angel/VC Agency Name</td> <td>DST-SER B EMR Grant</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> </tbody> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	5281915	Seedfund/Angel/VC Agency Name	DST-SER B EMR Grant	Agency Type	Govt. Agency (Central)
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Intra-arterial delivery of brain derived neurotrophic factor (BDNF) loaded dendrimer-stabilized smart-albumin nanoparticle (DSSAN) for the treatment of ischemic stroke	Cellular and Molecular biology Facility	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>4000000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	4000000	No					
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Dr. Pallab Bhattacharya	Faculty	Male	pallab.bhattacharya@niprahm.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/Incubation 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/Innovations 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/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation 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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>1419670.</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	1419670.	No				
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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/Incubation 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/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 Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation 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	Type	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)
				Patent/Licence Holder name (Institute Co-ownership is Must)	NA		Licence Transferred to	Start-up		
NA	IP/Patented Technology	One-time transfer/Licensing	8976	Contact number of license holder	8976	Medicinal chemistry	Name of Industry/Start-up/Agency Received License/Technology	NA	No	---
				Email of Licence holder	dineshk@niperahm.ac.in		Address of Agency	NA		
				Gender	Male		Contact Number of Agency	8796		
							Email of Agency	dineshk@niperahm.ac.in		

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