



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

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

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	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)
1	Department of Biotechnology	Academic Department with lab facility	Life science/Drug discovery and development	UG / PG / PhD	Technical	25	6	2
2	Department of Medicinal Chemistry	Academic Department with lab facility	Chemical science/Drug discovery and development	UG / PG / PhD	Technical	40	4	2
3	Department of Medical Devices	Academic Department with lab facility	Health science/Drug discovery and development	UG / PG / PhD	Technical	26	3	2
4	Department of Natural Products	Academic Department with lab facility	Chemical science/Drug discovery and development	UG / PG / PhD	Technical	25	4	2
5	Department of Pharmaceutical Analysis	Academic Department with lab facility	Pharmaceutical science/Drug discovery and development	UG / PG / PhD	Technical	46	4	2
6	Department of Pharmacology and Toxicology	Academic Department with lab facility	Biological science/Drug discovery and development	UG / PG / PhD	Technical	41	4	2
7	Department of Pharmaceutics	Academic Department with lab facility	Pharmaceutical science/Drug discovery and development	UG / PG / PhD	Technical	48	4	2
8	Central Animal facility	Centre of Excellence with Advance Tools & Equipment	Biological/health science/Drug discovery and development	UG / PG / PhD	Technical	251	11	5
9	Central Imaging Facility	Centre of Excellence with Advance Tools & Equipment	Biological and Health science	UG / PG / PhD	Technical	190	7	2
10	Central Instrumentation Facility	Centre of Excellence with Advance Tools & Equipment	Drug discovery and development	UG / PG / PhD	Technical	251	10	3
11	Cellular and Molecular biology Facility	Centre of Excellence with Advance Tools & Equipment	Biological science/Drug discovery and development	At all level	Technical	251	7	2

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

12	Center for Green Chemistry	Centre of Excellence with Advance Tools & Equipment	Chemical science/Drug discovery and development	UG / PG / PhD	Technical	50	3	1
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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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810322
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)	No	Not Required

Section 1 > i : 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	Interactive SciFinder Training Session	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	03-04-2019 00:00:00	03-04-2019 00:00:00	1	Within Campus	150	7	0	0	157	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
2	Webinar On "Future Of Technical Education In India"	Innovation	Training	Institute Lead Activity	MIC(MH RD)	22-04-2019 00:00:00	22-04-2019 00:00:00	1	Within Campus	150	5	0	0	155	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
3	Visit by students and faculty of Gujarat University	Innovation	Skill development	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	05-06-2019 00:00:00	05-06-2019 00:00:00	1	Within Campus	0	0	13	1	14	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 950	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

4	Workshop under "Informativ Lecture and Workshop Series"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	17-06-2019 00:00:00	18-06-2019 00:00:00	2	Within Campus	96	13	0	0	109	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		1500	Award / Position / Recognition Secured		Ritu Soni and Ruhi Kale (Winner), Tanay Mahesh Dalvi, and Puspa Kanaka Madhuri Rampilla (1st Runner-
																		Title of Innovation / Start-up Secured the Award / Recognition		The Mobile-based Online Quiz
																		Award/Recognition/Achievement Received for		
5	Webinar on two dimensional liquid chromatography solution for pharmaceuticals, biopharmaceuticals Analysis areas of discussion	Innovation	Skill development	Institute Lead Activity	Agilent Technologies	28-06-2019 00:00:00	28-06-2019 00:00:00	1	Within Campus	17	1	0	0	18	No			No		
6	Visit By Students And Faculty Of M.G Science College, Ahmedabad	Entrepreneurship/Startup	Training	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	28-06-2019 00:00:00	28-06-2019 00:00:00	1	Within Campus	0	0	13	3	16	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		900	No		

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

7	A Workshop On Application Of LC-MS/MS Based Dereplication Tool In Natural Products Research	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	02-08-2019 00:00:00	03-08-2019 00:00:00	2	Within Campus	5	4	12	2	23	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	Award / Position / Recognition Secured	Participants Certificate
8	Webinar on "AGNi-Enabling Technology Commercialization	Innovation	Training	Institute Lead Activity	Accelerating Growth of New India Innovations	06-08-2019 00:00:00	06-08-2019 00:00:00	1	Within Campus	17	3	0	0	20	No	No		
9	Plastic Waste Management – Ban of Single Use of Plastics	Entrepreneurship/Startup	Training	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	20-09-2019 00:00:00	02-10-2019 00:00:00	13	Within Campus	128	5	0	0	133	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No	
10	Dr. A P J Abdul Kalam innovation week	Innovation	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	07-10-2019 00:00:00	11-10-2019 00:00:00	5	Within Campus	120	5	0	0	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	Award / Position / Recognition Secured	Top four teams
																	Title of Innovation / Start-up Secured the Award / Recognition	participated in the competition and showcased their innovative solution to some of the pertinent problems in society.
																	Award/Recognition/Achievement Received for	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

11	International Conference On Neurological Disorders & Therapeutics (ICNDT) 2019	Innovation	Conference	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	24-10-2019 00:00:00	26-10-2019 00:00:00	3	Outside Campus	111	19	137	44	311	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4196810	Award / Position / Recognition Secured	1st, 2nd, and 3rd
																Title of Innovation / Start-up Secured the Award / Recognition	1. Inhibition of Caspase-1 By Stem Cell Therapy to Prevent Mitophagy and Neuronal Cell Death in Cerebral Ischemia 2. Electroconductive, ATP promoting and highly ordered amino functionalized graphene crosslinked collagen cryogels for neural tissue engineering 3. Exploring the role of caffeine and caffeine combined with chlorogenic acid on gut in rot	
																Award/Recognition/Achievement Received for		
12	Vigilance Awareness Week	Entrepreneurship/Startup	Training	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	28-10-2019 00:00:00	02-11-2019 00:00:00	6	Within Campus	100	13	0	0	113	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	Award / Position / Recognition Secured	1st, 2nd, and 3rd
																Title of Innovation / Start-up Secured the Award / Recognition	Speech competition of corruption-free India.	
																Award/Recognition/Achievement Received for		

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

13	Talk on "Career Opportunities in Clinical Research for pharmacy students"	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	02-11-2019 00:00:00	02-11-2019 00:00:00	1	Within Campus	20	0	0	1	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No
14	Talk on PLOGGing – Integrated Approach to resolve multiple contemporary social issues, An initiative to litter-free India	Entrepreneurship/Startup	Awareness	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	28-11-2019 00:00:00	28-11-2019 00:00:00	1	Within Campus	107	12	0	4	123	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2200	No
15	Organized Leadership lecture and Panel discussion on 'Developing Roadmap for Fostering India's Medtech Sector	Innovation	Skill development	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	203	16	0	9	228	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
16	Talk by Dr. Rajesh Sonti Postdoctoral Fellow at EPFL SB IPHYS LIFMET, Lausanne	Innovation	Seminar	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	18-12-2019 00:00:00	18-12-2019 00:00:00	1	Within Campus	150	13	0	1	164	No	No	
17	Invited lecture by Ms. Rohini Chawla from SIDBI, IIT Kanpur	Innovation	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	150	1	0	1	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1900	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

18	Students Yuvaraja's College Mysore visited NIPER-A	Innovation	Training	Student Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	0	0	21	1	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1200	No
19	Students Dr. D. Y. Patil College of Pharmacy visited NIPER-A	Entrepreneurship/Startup, Innovation	Training	Student Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	0	0	32	4	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1800	No
20	Visit by Mr Kenneth Giacini, CEO of Monoclonal Therapeutics, Hong Kong and Chairman StemCytex with his team	Entrepreneurship/Startup, Innovation	Skill development	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	02-02-2020 00:00:00	02-02-2020 00:00:00	1	Within Campus	0	3	0	4	7	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No
21	Interactive session by Dr. Ajay Jha (ACS Development Editor, ACS Omega)	IPR, Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	40	12	0	1	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	950	No
22	Guest lecture by Dr Santosh Kumar Behera	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	180	12	0	1	193	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
23	Guest lecture by Dr. Yogesh Shouche	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	180	12	0	1	193	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

24	Talk by Advantm ed India LLP, Ahmedabad	Entrepreneurship/Startup, Innovation	Skill development	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	150	2	0	2	154	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No						
25	Talk by APCER Life Sciences India	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	National Institute Pharmaceutical Education and Research - Ahmedabad	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	150	0	0	4	154	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No						
26	India Pharma 2020	IPR, Entrepreneurship/Startup, Innovation	Conference	Institute Lead Activity	DoP, Gov. of India	05-03-2020 00:00:00	07-03-2020 00:00:00	3	Outside Campus	245	15	0	0	260	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	788360	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st, 2nd, and 3rd</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>1st, 2nd, and 3rd</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	1st, 2nd, and 3rd	Title of Innovation / Start-up Secured the Award / Recognition	1st, 2nd, and 3rd	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	1st, 2nd, and 3rd																						
Title of Innovation / Start-up Secured the Award / Recognition	1st, 2nd, and 3rd																						
Award/Recognition/Achievement Received for																							

Section 1 > ii : 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
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Section 1 > ii : 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

1	3rd National Conference in Chemistry (NCONC-2020)	Entrepreneurship/Startup	Conference	IIT Gandhinagar	Educational Institute	12-02-2020 00:00:00	13-02-2020 00:00:00	2	3	0	3	Yes	Best Poster Award	Design and Synthesis of Quinazolinone based Compounds as Tumor Pyruvate Kinase (PKM2) Activator	Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	Best Poster Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Design and Synthesis of Quinazolinone based Compounds as Tumor Pyruvate Kinase (PKM2) Activator
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
2	National Symposium on Basic and Translational Research in Cancer Biology, at Institute of Advanced Research	Entrepreneurship/Startup	Conference	IAR, Gandhinagar	Educational Institute	11-09-2019 00:00:00	12-09-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2500	No	
3	2020 Applied Pharmaceutical Analysis India Conference	Entrepreneurship/Startup	Conference	The Boston Society Courtyard by Marriott, Ahmedabad	Non-Govt. Agencies	23-02-2020 00:00:00	25-02-2020 00:00:00	3	3	1	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	6000	No	
4	International Conference on Biomaterial Based Therapeutic Engineering and Regenerative Medicine	Innovation	Conference	IIT Kanpur	Educational Institute	28-11-2019 00:00:00	01-12-2019 00:00:00	4	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No	

Section 1 > ii : 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

5	5th biannual Doping and Human Exercise Performance symposium	Innovation	Conference	University of Copenhagen	Educational Institute	11-11-2019 00:00:00	15-11-2019 00:00:00	5	1	0	1	No	---	---	No	No							
6	Nanotech 2019	Innovation	Conference	Indian Society of Nanomedicine, IISER - Bhopal	Educational Institute	21-11-2019 00:00:00	23-11-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 7500		No						
7	6th International Conference on Microfluidics and lab-on-chip	Innovation	Conference	Novotel Mumbai Juhu Beach, Mumbai	Non-Govt. Agencies	12-09-2019 00:00:00	12-09-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 4000		No						
8	9th International Granulation Workshop	Entrepreneurship/Startup	Workshop	Nestle Research Center, Lausanne, Switzerland	Corporate / Industry Association	26-06-2019 00:00:00	28-06-2019 00:00:00	3	1	1	2	Yes	Best Nestle powder challenge award	Nestle powder challenge award	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Nestle powder challenge award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Nestle powder challenge award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Best Nestle powder challenge award	Title of Innovation / Start-up Secured the Award / Recognition	Nestle powder challenge award	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Best Nestle powder challenge award																						
Title of Innovation / Start-up Secured the Award / Recognition	Nestle powder challenge award																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
9	10th IBRO World Congress of Neuroscience IBRO 2019	Entrepreneurship/Startup	Conference	IBRO	Non-Govt. Agencies	21-09-2019 00:00:00	25-09-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 32000		No						

Section 1 > ii : 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	9th Pharma Vision National level seminar	Innovation	Conference	Charusat University	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	10	0	10	Yes	1st Price	Development of a liquid chromatography-mass spectrometry method for quantification of cidofovir and its metabolites in rat peripheral blood mononuclear cells	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	Award / Position / Recognition Secured	1st Price
																	Title of Innovation / Start-up Secured the Award / Recognition	Developme nt of a liquid chromatogr aphy-mass spectrometr y method for quantificatio n of cidofovir and its metabolites in rat peripheral blood mononucle ar cells
																	Award/Recog nition/Achieve ment Received for	Novel Research Paper/Work
11	MOLMED-2019	Entrepreneurship/Startup	Conference	Charusat University	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2500	No	
12	National Seminar on Challenges and Opportunities in Analytical Characterization of Biosimilars	Entrepreneurship/Startup	Mentoring Session	Nirma University	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	1	0	1	Yes	2nd Price	Rapid Determination of Flibanserin in Rat Plasma and Brain by a Validated UPLC-MS MS method	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	2nd Price
																	Title of Innovation / Start-up Secured the Award / Recognition	Rapid Determinati on of Flibanserin in Rat Plasma and Brain by a Validated UPLC-MS MS method
																	Award/Recog nition/Achieve ment Received for	Novel Research Paper/Work

Section 1 > ii : 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

13	National Seminar on Herbal Drug Technology Emerging Trends, Challenges, and Scope	Entrepreneurship/Startup	Mentoring Session	Nirma University	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	1	0	1	Yes	1st Price	in silico and in vitro metabolite identification of swertiamarin from Enicostemma littorale blume	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	1st Price
14	Japan Asia Youth exchange program in science	Entrepreneurship/Startup	Mentoring Session	University of Miyazaki	Educational Institute	16-09-2019 00:00:00	22-09-2019 00:00:00	7	1	0	1	No	---	---	No	No		
15	Japan Asia Youth exchange program in science	Entrepreneurship/Startup	Mentoring Session	University of Miyazaki	Educational Institute	01-09-2019 00:00:00	08-09-2019 00:00:00	8	1	0	1	No	---	---	No	No		
16	15th World Nephrology Conference	Innovation	Conference	World nephrology congress	International Agencies	20-05-2019 00:00:00	21-05-2019 00:00:00	2	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	68751	No	

Section 2 > i : 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	Industrial Process and Scaleup techniques	Innovation	Elective/Core Credit Course	Master	Medicinal Chemistry	30-07-2019	27-12-2019	151	Offline	17	30
2	Regulatory Perspective of Medical Devices	IPR	Elective/Core Credit Course	Master	Medical Device	30-07-2019	27-12-2019	151	Offline	10	60
3	Medical devices Production Innovation and Development	Innovation	Elective/Core Credit Course	Master	Medical Device	30-07-2019	27-12-2019	151	Offline	10	30
4	Lean System and Six Sigma	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Medical Device	25-07-2019	31-12-2019	160	Offline	10	30

5	Fundamentals of Intellectual Property and Technology Management	IPR	Elective/Core Credit Course	Master	Pharmaceuti cs	29-07-2019	27-12-2019	152	Offline	51	30
6	Regulatory consideration for Pharmaceutical Development	IPR	Elective/Core Credit Course	Master	Pharmaceuti cs	29-07-2019	27-12-2019	152	Offline	18	30
7	Pharmaceutical Product Development -I	Innovation	Elective/Core Credit Course	Master	Pharmaceuti cs	01-01-2019	31-05-2019	151	Offline	18	30
8	Pharmaceutical Product Development -II	Innovation	Elective/Core Credit Course	Master	Pharmaceuti cs	01-01-2019	31-05-2019	151	Offline	18	60
9	Quality Control and Quality Assurance	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Pharmaceuti cal Analysis	01-01-2019	31-05-2019	151	Offline	18	60
10	Pharmaceutical Product development -I	Innovation	Elective/Core Credit Course	Master	Pharmaceuti cal Analysis	01-01-2019	31-05-2019	151	Offline	18	30
11	Clinical Pharmacology and Regulatory Toxicology	Innovation	Elective/Core Credit Course	Master	Pharmacolog y	01-01-2019	31-05-2019	151	Offline	12	60
12	Logic of Organic Synthesis I	Innovation	Elective/Core Credit Course	Master	Medicinal Chemistry	01-01-2019	31-05-2019	151	Offline	18	90
13	Logic of Organic Synthesis II	Innovation	Elective/Core Credit Course	Master	Medicinal Chemistry	01-01-2019	31-05-2019	151	Offline	18	90

Section 2 > ii : List 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	A workshop on Hands on Training of advanced analytical techniques	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Pharmaceutical Analysis and AICTE Training And Learning (ATAL) Academy	03-07-2019	07-07-2019	5	Offline	57	35
2	A workshop on Mammalian cell culture cell-based staining imaging and molecular expression techniques	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Bitechology and AICTE Training And Learning (ATAL) Academy	16-09-2019	20-09-2019	5	Offline	50	35
3	Workshop Drug Discovery to Drug Development Bridging Gaps between Academia and Industry	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Medicinal chemistry and Pharmaceutical Analysis and AICTE Training And Learning (ATAL) Academy	11-11-2019	15-11-2019	5	Offline	67	35
4	A Workshop on Bioanalysis and Correlation of In-vivo Pharmacokinetic with its In-vitro Dissolution	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Pharmaceutical Analysis and AICTE Training And Learning (ATAL) Academy	21-01-2020	25-01-2020	5	Offline	62	35

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

No Data Filled!

Section 3 > i : 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	ChemBio Club	Idea Club	2017	Co-working Space,3D Printing	Innovation Labs	3	Ashutosh Goswami	ashutosh12101992@gmail.com	7697726044
2	Team Green	Innovation Club	2017	Co-working Space,Work Stations	Innovation Labs	2	Dinesh Satpute	dinesh.satpute7@gmail.com	9975553255

Section 3 > ii > a : 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?
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Section 3 > ii > a : 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)

1	Drug discovery and development lab	Innovation Centre	2015	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre, Student Clubs	<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	26	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>768020</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>4597985</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	768020	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	4597985	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Prof. Kiran Kalia																								
Facility Incharge Email	kirankalia@gmail.com																								
Facility Incharge Phone	7966745555																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	768020																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	4597985																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Department of Pharmaceuticals	Govt. Agency (Central)	20280615
Funding Agency	DST	Govt. Agency (Central)	426024
Funding Agency	DBT	Govt. Agency (Central)	2113693
Funding Agency	ICMR	Govt. Agency (Central)	537864

Section 3 > ii > a : 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)

2	Medical devices lab	Innovation Centre	2016	3D Printing & Prototype Equipment, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Akshay Srivastava	03	Yes	Yes		Yes
							Facility Incharge Email	akshay@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	320008	
							Facility Incharge Phone	7966745555			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1915827	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Department of Pharmaceuticals, Gol	Govt. Agency (Central)	8450256
Funding Agency	DST, Gol	Govt. Agency (Central)	666038
Funding Agency	DBT, Gol	Govt. Agency (Central)	2414312

Section 3 > ii > a : 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)

3	Animal House Facility	Innovation Centre	2017	Co-working Space, Work Stations	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<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	04	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>640017</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>3831654</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	640017	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	3831654	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Pallab Bhattacharya																								
Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in																								
Facility Incharge Phone	7966745555																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	640017																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	3831654																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Department of Pharmaceuticals	Govt. Agency (Central)	16900513
Funding Agency	NIH	International Agencies	0
Funding Agency	Santh Pharma	Corporate / Industry Association	0
Funding Agency	Industry	Corporate / Industry Association	1072052
Funding Agency	ICMR, GoI	Govt. Agency (Central)	657449
Funding Agency	Insutry	Corporate / Industry Association	0

Section 3 > ii > a : 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)

4	Endolichenic Fungal Culture Facility	Innovation Centre	2017	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Abhijeet S. Kate	02	Yes	Yes		Yes
							Facility Incharge Email	abhijeetk@niprahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	160004	
							Facility Incharge Phone	9960248296			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	957913	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Institute's Own Fund / Resource		Department of Pharmaceuticals		Govt. Agency (Central)		4225128							
Funding Agency		Indo-Srilanka DST		International Agencies		601955							

Section 3 > ii > a : 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)

5	Synthetic and Natural product Chemistry Lab	Innovation Centre	2015	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Bichismita Sahu	06	Yes	Yes		Yes
							Facility Incharge Email	bichismita@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	560015	
							Facility Incharge Phone	8424022096			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	3352697	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Department of Pharmaceuticals, Gol	Govt. Agency (Central)	14787949
Funding Agency	DST, Gol	Govt. Agency (Central)	1751457
Funding Agency	DST, Gol	Govt. Agency (Central)	0

Section 3 > ii > a : 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)

6	Cellular and Molecular biology Facility	Innovation Centre	2015	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Amit Mandoli	05	Yes	Yes		Yes
							Facility Incharge Email	amitmandoli@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	512013	
							Facility Incharge Phone	07966745555			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	3065323	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Department of Pharmaceuticals, Govt.	Govt. Agency (Central)	13520410
Funding Agency	DST	Govt. Agency (Central)	270500
Funding Agency	DST	Govt. Agency (Central)	0

Section 3 > ii > a : 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)

7	Drug delivery lab	Innovation Centre	2017	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Rakesh Kumar Tekade</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rakeshtekade@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>07966745555</td> </tr> </table>	Facility Incharge Name	Rakesh Kumar Tekade	Facility Incharge Email	rakeshtekade@gmail.com	Facility Incharge Phone	07966745555	02	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>240006</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>1436870</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	240006	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1436870	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Rakesh Kumar Tekade																								
Facility Incharge Email	rakeshtekade@gmail.com																								
Facility Incharge Phone	07966745555																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	240006																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1436870																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								
				<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Institute's Own Fund / Resource</td> <td>Department of Pharmaceuticals, Gol</td> <td>Govt. Agency (Central)</td> <td>6337692</td> </tr> <tr> <td>Funding Agency</td> <td>DST</td> <td>Govt. Agency (Central)</td> <td>0</td> </tr> <tr> <td>Funding Agency</td> <td>DBT</td> <td>Govt. Agency (Central)</td> <td>0</td> </tr> </tbody> </table>		Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	Institute's Own Fund / Resource	Department of Pharmaceuticals, Gol	Govt. Agency (Central)	6337692	Funding Agency	DST	Govt. Agency (Central)	0	Funding Agency	DBT	Govt. Agency (Central)	0				
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																						
Institute's Own Fund / Resource	Department of Pharmaceuticals, Gol	Govt. Agency (Central)	6337692																						
Funding Agency	DST	Govt. Agency (Central)	0																						
Funding Agency	DBT	Govt. Agency (Central)	0																						

Section 3 > ii > a : 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)

8	Impurity profiling and stability testing lab	Innovation Centre	2017	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Ravi Shah	04	Yes	Yes		Yes
							Facility Incharge Email	ravi.shah@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	352009	
							Facility Incharge Phone	07966745555			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	2107409	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Institute's Own Fund / Resource		Department of Pharmaceuticals, Gol		Govt. Agency (Central)		9295282							
Funding Agency		Industry Name		Corporate / Industry Association		52444							

Section 3 > ii > a : 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)

9	Sustainable chemistry Lab	Innovation Centre	2017	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dinesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dineshk@niprahm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>918709447063</td> </tr> </table>	Facility Incharge Name	Dr. Dinesh Kumar	Facility Incharge Email	dineshk@niprahm.ac.in	Facility Incharge Phone	918709447063	03	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>192005</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>1149496</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	192005	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1149496	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Dinesh Kumar																								
Facility Incharge Email	dineshk@niprahm.ac.in																								
Facility Incharge Phone	918709447063																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	192005																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1149496																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																
Institute's Own Fund / Resource				Department of Pharmaceuticals, Gol			Govt. Agency (Central)		5070154																
Funding Agency				DST, Gol			Govt. Agency (Central)		1559591																

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	Central Instrumentation Facility	2017	Pre-Incubation, Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Miss Rajesh wari Rathod	06	No	Yes		Yes
					Facility Incharge Email	rajesh.wari.rathod@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	09429 67584 6			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	564807	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)					
Institute's Own Fund / Resource		Department of Pharmaceuticals, Gol		Govt. Agency (Central)		21430981					
-		-		-		0					
2	Central Imaging Facility	2017	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Dr. Pallab Bhattacharya	05	No	Yes		Yes
					Facility Incharge Email	pallab.bhattacharya@niperahm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	07966 74555 5			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	211522	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)					
Institute's Own Fund / Resource		Department of Pharmaceuticals, Gol		Govt. Agency (Central)		9184706					

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > e : 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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	NIPER A IPR Cell	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Rakesh Kumar Tekade</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rakesh tekade @niperahm.a c.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>07966 74555 5</td> </tr> </table>	Facility Incharge Name	Dr. Rakesh Kumar Tekade	Facility Incharge Email	rakesh tekade @niperahm.a c.in	Facility Incharge Phone	07966 74555 5	07	Yes	No	Yes
Facility Incharge Name	Dr. Rakesh Kumar Tekade														
Facility Incharge Email	rakesh tekade @niperahm.a c.in														
Facility Incharge Phone	07966 74555 5														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							

Section 3 > iii > a : 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	Prof. Kiran Kalia	Director	Idea/Innovation Development, Entrepreneurship/Startup Development	20
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Proteomic markers for Diabetic nephropathy from urine		Within		
Genomic markers for the susceptibility of Diabetic retinopathy		Within		
Genomic alterations in Oral Cancer		Within		
Environmental Biotechnology & Metal Toxicology studies		Within		
2	Abhijeet S.Kate	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	10

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		Bio-prospecting of endolichenic fungi to discover novel bioactive scaffolds		Within			
		LC-MS based dereplication strategies to discover novel scaffolds from biological sources		Within			
		downstream process optimization for large scale isolation of Natural Products		Outside			
		Development of novel approaches for the separation and characterization of marine and terrestrial natural products to accelerate the discovery of drug leads		Within			
3	Akshay Srivastava	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization			5	
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		Fabrication of biomaterial based medical devices		Within			
		Novel therapeutic strategies for tissue regeneration		Within			
		Development of in vitro platforms to understand disease pathology		Within			
		New methods for the identification and isolation of therapeutic cell types for tissue repair,		Within			
		Fabrication of cell and drug delivery platform and designing artificial cellular niches for stem cell homing.		Within			
4	Bichismita Sahu	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization			8	
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		De novo design and synthesis of peptides, peptoids and nucleic acid based molecules therapeutic and diagnostic applications		Within			
		Development stimuli-responsive peptide-polymeric scaffolds for biomedical engineering applications		Within			
		Designing and synthesis of molecular scaffolds and conjugates for Cancer, Metabolic and Neurological Disorder.		Within			
5	Pallab Bhattacharya	Associate Professor	Idea/Innovation Development			5	
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		Intra-arterial stem cell therapy		Within			
		Endovascular delivery in ischemic stroke		Within			
		Neuroendocrine regulation in ischemic stroke		Within			
		Strategies for mitochondria protection and exploring the cross talk between mitochondria and endoplasmic reticulum in stroke		Within			
		Regulatory RNA mediated mesenchymal stem cell engineering and nanoparticle based targeted drug delivery to the brain.		Within			
6	Rakesh Kumar Tekade	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization			5	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of nanotechnology-based formulations for the site-specific delivery of therapeutic drugs and biologics for the treatment of cancer		Within	
	Development of NIR-Laser activatable Nanoseeds for the treatment of cancer		Within	
7	Ravi Shah	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Characterization of complex APIs and biosimilars		Within	
	Characterization of complex formulations and sameness strategy development for regulatory submission		Within	
	In-vitro release and its correlation with formulation strategies		Within	
	Bioanalytical, biomarker analysis and metabolomics		Within	
	LC-MS and NMR based characterization of impurities, drug-drug/ drug-exciptent interaction products and degradation products		Within	
	Pre-formulation assessment including polymorph characterization, salt screening, drug- excipient compatibility studies, rheological assessment, particle properties		Within	
8	Amit Khairnar	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of neuroprotective therapy		Within	
9	Amit Shard	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of anticancer molecules.		Within	
10	Dinesh Kumar	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of cost-effective and green chemical process		Within	
	Discovery of anti-cancer drug candidates		Within	
	Green synthesis of pharmaceuticals		Within	
11	Govinda Kapusetti	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	5

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Synthesis and fabrication of smart biomaterials for articular surfaces and musculoskeletal tissue regeneration and care.	Within	
		Cancer theranostics like magnetic hyperthermia and photodynamic therapy	Within	
		Novel Nano formulations for Drug eluting stents	Within	
		Synthesis of versatile nanostructured materials (quantum dots, layered nanoparticles and graphene etc.) for various medical applications	Within	
12	Pinaki Sengupta	Assistant Professor	Idea/Innovation Development	6
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Pharmacokinetic, toxicokinetic, metabolic profiling of chemical entities in discovery and formulation development phase	Within	
		Analytical and Bioanalytical method development	Within	
		-	Within	
13	Satyasheel Sharma	Assistant Professor	Idea/Innovation Development	5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Development of New Chemical Entities (NCEs) against Cancer and Neurodegenerative disorders	Within	
		Total Synthesis and semi synthesis of bioactive Natural products and its structural modification	Within	
14	Manju Mishra	Assistant Professor	Idea/Innovation Development, IPR Protection & Commercialization	10
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Dosage form design and development	Within	
15	Alok Jain	Assistant Professor	Idea/Innovation Development	5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Computational drug discovery	Within	
16	Prasoon Kumar	Assistant Professor	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Explore bio-materials for applications in tissue engineering, drug delivery and diagnostics	Within	
17	Uma Ranjan Lal	Assistant Professor	Idea/Innovation Development	8
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Standardization of herbal formulation	Within	

Section 3 > iii > b : 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. Larry Benowitz	Idea/Innovation Development	Unstructured Mentorship
2	Prof. Dileep R Yavagal	Idea/Innovation Development	Unstructured Mentorship
3	Prof. Srinivasa N. Raja	Idea/Innovation Development	Unstructured Mentorship
4	Dr. Mukul Jain	Idea/Innovation Development	Unstructured Mentorship
5	Prof. Abhay Pandit	Idea/Innovation Development	Unstructured Mentorship
6	Prof. Philp M. Hansbro	Idea/Innovation Development	Unstructured Mentorship
7	Prof. Antony D'Emanuele	Idea/Innovation Development	Unstructured Mentorship
8	Dr. Anurag Saxena	Idea/Innovation Development	Unstructured Mentorship
9	Prof. N. Ravichandran	Idea/Innovation Development	Unstructured Mentorship
10	Dr. Vishal Jani	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
11	Ms. Esha Shah	Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
12	Ms. Shikha Bhagawat	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
13	Dr D V Ramana	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
14	Prof. Anil Kumar Gupta	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
15	Prof. Danith H. Ly	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
16	Prof. Amrita Cheema	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
17	Dr. Dhaval Shah	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
18	Prof. Hajime Hirase	Idea/Innovation Development	Unstructured Mentorship
19	Prof. Anne-Marie Rodriguez	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
20	Dr. Prasad Shastri	Idea/Innovation Development	Unstructured Mentorship
21	Mr. Koushik Nayak	Entrepreneurship/Startup Development	Unstructured Mentorship
22	Ms Rama Durga	IPR Protection & Commercialization	Unstructured Mentorship
23	Mr O P Singh	IPR Protection & Commercialization	Unstructured Mentorship
24	Mr Soham Wagh	IPR Protection & Commercialization	Unstructured Mentorship
25	Mr Rahul Singh Meena	IPR Protection & Commercialization	Unstructured Mentorship
26	Mr Virendra	IPR Protection & Commercialization	Unstructured Mentorship
27	Mr Sudheendra Kulkarni	IPR Protection & Commercialization	Unstructured Mentorship
28	Mr Venkatesh Karthikeyan	IPR Protection & Commercialization	Unstructured Mentorship
29	Mr Bharat Gajuvathi	IPR Protection & Commercialization	Unstructured Mentorship
30	Mr Debashish Roy	IPR Protection & Commercialization	Unstructured Mentorship
31	Mr Ashish Ambasta	IPR Protection & Commercialization	Unstructured Mentorship

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

32	Mr. Ameesh Masurekar	IPR Protection & Commercialization	Unstructured Mentorship
33	Dr Akhilesh Mishra	Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
34	Mr Keshav Poojary	IPR Protection & Commercialization	Unstructured Mentorship
35	Mr Selva Kumar	IPR Protection & Commercialization	Unstructured Mentorship
36	Mr Vyom Kesar	Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
37	Mr. Vivek Padgoankar	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship

Section 4 : 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										
														Agency Name	Agency Type	Award / Position / Recognition Secured	Grant Amount in Rs						
1	Arylation of indoles using water as reaction medium	Process Innovation	Technological	Centre for green chemistry and technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name Agency Type Award / Position / Recognition Secured	DS T-SE RB, Govt. Agency (Central)	DS T award	No	1824658	No									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Name</th> <th style="width:20%;">Type</th> <th style="width:15%;">Gender</th> <th style="width:25%;">Email</th> <th style="width:10%;">Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Dinesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>dineshk@niperahm.ac.in</td> <td>8709447063</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Dr. Dinesh Kumar	Faculty	Male	dineshk@niperahm.ac.in	8709447063
Name	Type	Gender	Email	Contact																			
Dr. Dinesh Kumar	Faculty	Male	dineshk@niperahm.ac.in	8709447063																			

2	Synthesis of Benzothiazole in water	Process Innovation	Technological	Centre for green chemistry and technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name	Elsevier publisher	No	Grant Amount in Rs	1824658	No	No
									Agency Type	International Agencies					
									Award / Position / Recognition Secured	Tetrahydro n Lett. 2020, 61, 152017					

Name	Type	Gender	Email	Contact
Dr. Dinesh Kumar	Faculty	Male	dineshk@niperahm.ac.in	8709447063

3	Amino acid ligated indole C-H arylation	Process Innovation	Technological	Centre for green chemistry and technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name	John Wiley and Sons	No	Grant Amount in Rs	2736986	No	No
									Agency Type	International Agencies					
									Award / Position / Recognition Secured	Adv. Syn. Catal. 2020, 362, 2857-2863					

Name	Type	Gender	Email	Contact
Dr. Dinesh Kumar	Faculty	Male	dineshk@niperahm.ac.in	8709447063

4	Identification of impurities of venetoclax	Product Innovation, Process Innovation	Technological	Impurity profiling and stability testing lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	Agency Name Springer Nature	Agency Type International Agencies	Award / Position / Recognition Secured Journal of Analytical Science and Technology, 2020, 11 (54), 1-13	No	Grant Amount in Rs 1824658	No	No
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Name	Type	Gender	Email	Contact
Dr. Pinaki Sengupta	Faculty	Male	pinakis@niperahm.ac.in	9825772883

5	Target Specific Intracellular Quantification of Etoposide	Process Innovation	Technological	Drug discovery and development lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Completed	Agency Name Elsevier publisher	Agency Type International Agencies	Award / Position / Recognition Secured Journal of Chromatography B, 2020, 1152, 122-123	No	Grant Amount in Rs 1824658	No	No
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Name	Type	Gender	Email	Contact
Dr. Pinaki Sengupta	Faculty	Male	pinakis@niperahm.ac.in	9825772883

6	Metabolite profiling and toxicity prediction of ribociclib	Process Innovation	Technological	Drug discovery and development lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	Elsevier publisher	No	2736986	No	No
									Agency Type	International Agencies		Grant Amount in Rs		
									Award / Position / Recognition Secured	Journal of Chromatography B, 2020, 1147, 122142				

Name	Type	Gender	Email	Contact
Dr. Pinaki Sengupta	Faculty	Male	pinakis@niperahm.ac.in	9825772883

7	Quantitative bioanalysis of flibanserin	Process Innovation	Technological	Drug discovery and development lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	Oxford academic	No	3649315	No	No
									Agency Type	International Agencies		Grant Amount in Rs		
									Award / Position / Recognition Secured	Journal of Analytical Toxicology, 2020, 44(6), 559 - 569				

Name	Type	Gender	Email	Contact
Dr. Pinaki Sengupta	Faculty	Male	pinakis@niperahm.ac.in	9825772883

8	Simultaneous quantification of abemaciclib and letrozole	Process Innovation	Technological	Drug discovery and development lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	Wiley	No	Grant Amount in Rs 4561644	No	No
									Agency Type	International Agencies				
									Award / Position / Recognition Secured	Biomedical Chromatography, 2020, 34(6), e4825				
Name		Type			Gender		Email			Contact				
Dr. Pinaki Sengupta		Faculty			Male		pinakis@niperahm.ac.in			9825772883				
9	Development of chromatographic method for estimation of arterolane	Process Innovation	Technological	Drug discovery and development lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	Grant Amount in Rs 3649315	No	No
Name		Type			Gender		Email			Contact				
Dr. Abhijeet Kate		Faculty			Male		abhijeetk@niperahm.ac.in			9960248296				

10	Biodegradable polymer-peptide scaffolds	Product Innovation	Technological	Drug discovery and development, Medical device lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1824658	No	No
Name		Type			Gender		Email			Contact			
Dr. Bichismita Sahu		Faculty			Female		bichismita@niperahm.ac.in			8424022096			
11	Ferrocene-containing pyrazolopyrimidines as anticancer agents	Product Innovation	Technological	Drug discovery and development lab, Synthetic and natural product chemistry lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2736986	No	No
Name		Type			Gender		Email			Contact			
Dr. Amit Shard		Faculty			Male		amit@niperahm.ac.in			7621040821			

12	Renasens: Point-of-care kidney function testing device	Product Innovation	Technological	Medical device lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Indian Medical Device Industry Associations	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured Best scientific poster award (First)	No	Grant Amount in Rs 4561644	No	No
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Name	Type	Gender	Email	Contact
Dr. Akshay Srivastava	Faculty	Male	akshay.srivastava@niperahm.ac.in	9429371791

13	C-H alkylation and alkenylation of 2-amino-1,4-naphthoquinones with maleimides	Process Innovation	Technological	Synthetic and natural product chemistry lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name Royal Society of Chemistry	Agency Type International Agencies	Award / Position / Recognition Secured Org. Chem. Front., 2019, 6, 2441-2446	No	Grant Amount in Rs 1824658	No	No
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Name	Type	Gender	Email	Contact
Dr. Satyasheel Sharma	Faculty	Male	satyasheel.sharma@niperahm.ac.in	7966745555

16	Prognostic Stress Biomarker Identification for Neurological Disease and Cancer	Service Innovation	Technological	Drug Discovery and Development Lab	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 4561644	No	No
Name		Type			Gender		Email			Contact			
Dr. Ravi P Shah		Faculty			Male		ravi.shah@niprahm.ac.in			9008192004			
17	PLGA CQA correlation with QTPP	Service Innovation	Technological	Drug Discovery and Development Lab	Student-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 1824658	No	No
Name		Type			Gender		Email			Contact			
Dr. Ravi P Shah		Faculty			Male		ravi.shah@niprahm.ac.in			9008192004			
18	Identification of susceptibility of Inflammatory Bowel disease patients to Parkinson's disease	Process Innovation, Service Innovation	Technological	Animal House lab	Student-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 1368493	No	No

		Name				Type				Gender		Email		Contact
		Dr. Amit Khairnar				Faculty				Male		amitk@niprahm.ac.in		9284349396
19	Development of Progressive intranasal mouse model of Parkinson's disease	Process Innovation, Service Innovation	Technological	Animal House lab	Student-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	2736986	No	No
			Dr. Amit Khairnar				Faculty							
20	Role of chronic kidney disease in stroke	Product Innovation, Process Innovation	Technological	Drug discovery and development	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	2736986	No	No
			Dr. Pallab Bhattacharya				Faculty							

21	Mitochondria therapy for stroke	Product Innovation, Process Innovation, Service Inno	Technological	Drug discovery and development	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2736986	No	No
Name		Type			Gender		Email			Contact			
Dr. Pallab Bhattacharya		Faculty			Male		pallab.bhattacharya@niperahm.ac.in			07966745555			
22	Mitochondria –ER cross talk in stroke	Product Innovation, Process Innovation, Service Inno	Technological	Drug discovery and development	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1824658	No	No
Name		Type			Gender		Email			Contact			
Dr. Pallab Bhattacharya		Faculty			Male		pallab.bhattacharya@niperahm.ac.in			07966745555			
23	Dual endovascular infusion method for stem cells in small animal model of ischemic stroke	Process Innovation	Technological	Drug discovery and development	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 3649315	No	No

Name		Type							Gender		Email		Contact	
Dr. Pallab Bhattacharya		Faculty							Male		pallab.bhattacharya@niperahm.ac.in		07966745555	
24	Biodegradable surgical staple for wound closing	Product Innovation	Technological	Medical devices lab	Student-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	1824658	No	No
Name		Type							Gender		Email		Contact	
Dr. Govinda Kapusetti		Faculty							Male		govinda@niperahm.ac.in		8000247141	
25	Nanofibrous Scaffolds for Improved Proliferation of Chondrocytes and ECM Production	Product Innovation	Technological	Medical devices lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	2736986	No	No
Name		Type							Gender		Email		Contact	
Dr. Govinda Kapusetti		Faculty and Student							Male		govinda@niperahm.ac.in		08000247141	

26	Piezoelectric radiopaque agent for high strength and osteoconductive bone cement	Product Innovation	Technological	Medical devices lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1824658	No	No
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Name	Type	Gender	Email	Contact
Dr. Govinda Kapusetti	Faculty	Male	govinda@niperahm.ac.in	08000247141

27	Electrospun mat of thermal-treatment-induced nanocomposite hydrogel of polyvinyl alcohol and cerium oxide for biomedical applications	Product Innovation	Technological	Medical devices lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2736986	No	No
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Name	Type	Gender	Email	Contact
Dr. Govinda Kapusetti	Faculty	Male	govinda@niperahm.ac.in	08000247141

28	Graphene Oxide/Polypyrrole/Polyaniline/Zinc Oxide Nanocomposite Based Electrode for Effective Detection of Cholesterol and Bilirubin	Product Innovation	Technological	Medical devices lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 3649315	No	No
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Name	Type	Gender	Email	Contact
Dr. Govinda Kapusetti	Faculty	Male	govinda@niperahm.ac.in	08000247141

29	Development of slippery surfaces for biomedical application	Product Innovation	Technological	Medical devices lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4561644	No	No
Name		Type			Gender		Email			Contact			
Dr. Prasoon Kumar		Faculty			Male		prasoonkumar1985@gmail.com			08105648520			
Name		Type			Gender		Email			Contact			
Dr. Neha Arya		Faculty			Male		neha@niperahm.ac.in			07089202021			
30	Development of exosomal miRNA delivery system for cisplatin resistant oral cancer	Product Innovation	Technological	Cellular and Molecular biology facility	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2736986	No	No
Name		Type			Gender		Email			Contact			
Prof. Kiran Kalia		Faculty			Female		kirankalia@gmail.com			07966745555			
31	Identification of miR-29b attenuates histone deacetylase-4 mediated podocyte dysfunction and renal fibrosis in diabetic nephropathy	Process Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 1824658	No	No

Name		Type							Gender		Email		Contact		
Rakesh Tekade		Faculty							Male		rakeshtekade@gmail.com		07966745555		
32	Dendrimer Grafted Albumin Nanoparticles for the Treatment of Post Cerebral Stroke Damages	Product Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	2736986	No	No	
Name		Type							Gender		Email		Contact		
Dr. Rakesh K. Tekade		Faculty							Male		rakeshtekade@gmail.com		07966745555		
33	'Dendrimer-Cationized-Albumin' Encrusted polymeric nanoparticle Improves BBB Penetration and Anticancer Activity of Doxorubicin	Product Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	DS T-SE RB, Gol	No	Grant Amount in Rs	3649315	No	No
Name		Type							Gender		Email		Contact		
Dr. Dr. Rakesh K. Tekade		Faculty							Male		rakeshtekade@gmail.com		07966745555		

34	Nanogold-core multifunctional dendrimer for pulsatile chemo-, photothermal- and photodynamic-therapy of rheumatoid arthritis.	Product Innovation	Technological	Drug delivery lab	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name Agency Type Award / Position / Recognition Secured	DS T-SE RB, Gol Govt. Agency (Central) DS T-Early Career Research Award	No	Grant Amount in Rs 4561644	No	No
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Name	Type	Gender	Email	Contact
Dr. Rakesh K. Tekade	Faculty	Male	rakeshtekade@gmail.com	07966745555

35	Method and its Composition for encapsulation, stabilization, and delivery of siRNA in Anionic polymeric nanoplex	Process Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name Agency Type Award / Position / Recognition Secured	DS T-SE RB, Gol Govt. Agency (Central) DS T-Early Career Research Award	No	Grant Amount in Rs 1824658	No	No
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Name	Type	Gender	Email	Contact
Dr. Rakesh K. Tekade	Faculty	Male	rakeshtekade@gmail.com	07966745555

36	NanoGold-core dendrimeric seeds for combined chemo-, photothermal-, and photodynamic therapy of cancer	Product Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name Agency Type Award / Position / Recognition Secured	DS T-SE RB, Gol Govt. Agency (Central) DS T-Early Career Research Award	No	Grant Amount in Rs 2736986	No	No
Name		Type			Gender		Email			Contact				
Dr. Rakesh K. Tekade		Faculty			Male		rakeshtekade@gmail.com			07966745555				
37	Kaempferol in ameliorating diabetes-induced fibrosis and renal damage	Process Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name Agency Type Award / Position / Recognition Secured	DS T-SE RB, Gol Govt. Agency (Central) Early Career Research Award	No	Grant Amount in Rs 2280822	No	No
Name		Type			Gender		Email			Contact				
Dr. Rakesh K. Tekade		Faculty			Male		rakeshtekade@gmail.com			07966745555				

38	Cyclo-RGD truncated Polymeric Nanoconstruct with Dendrimeric templates for targeted HDAC4 Gene Silencing in a Diabetic Nephropathy Mouse Model	Product Innovation, Process Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	DS T-SE RB, Gol	No	Grant Amount in Rs	1824658	No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	DS T- Early Career Research Award					

Name	Type	Gender	Email	Contact
Dr. Rakesh K. Tekade	Faculty	Male	rakeshtekade@gmail.com	07966745555

39	Green graphene nanoplates for combined photo-chemo-thermal therapy of triple-negative breast cancer	Product Innovation	Technological	Drug delivery lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	DS T-SE RB, Gol	No	Grant Amount in Rs	1824658	No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	DS T- Early Career Research Award					

Name	Type	Gender	Email	Contact
Dr. Rakesh K. Tekade	Faculty	Male	rakeshtekade@gmail.com	07966745555

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

No Data Filled!

Section 7 > i : 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	Uthesia Medicare Pvt. Ltd.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	02	31-12-2020
2	INSERM, France Harvard Medical School, USA Miller School of Medicine ,USA University of Copenhagen, Denmark	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	03	22-07-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > iii : 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	Method of loading and stabilization of siRNA in negatively charged Polymer for cytosolic delivery of same	201921019898	National	2019 - 05	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : 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. Kiran Kalia (Head of Institute) and Dr. Dinesh Kumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

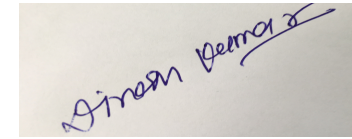
Thank you

The Head of Institute



Prof. Kiran Kalia
Head of the Institution,
Gandhinagar, Gujarat

Nodal officer



Dr. Dinesh Kumar
Nodal Officer,
Gandhinagar, Gujarat