



ARIIA

ATL 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: Panjab University [ARI-U-0078]

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	BioNEST- Panjab University, Chandigarh	Incubation Unit	Bioprocess Technologies/Fermentation-based products and technologies Biomedical/therapeutic products and devices Food and agriculture-based products and technologies	Not Allowed	Not Allowed	16	16	1
2	Center for NANOSCIENCE AND NANOTECHNOLOGY, PANJAB UNIVERSITY, CHANDIGARH	Academic Department with lab facility	NANOSCIENCE	UG / PG / PhD	Technical	62	5	2
3	Central Instrumentation Laboratory, Sophisticated Analytical Instrumentation Facility, University Centre for Instrumentation and Microelectronics	Academic Department with lab facility	M.Tech(Instrumentation) and M.Sc(Instrumentation) [two year program each]	UG / PG / PhD	Technical	26	4	35
4	Centre for Medical Physics	Academic Department with lab facility	Radiation medical physics	UG / PG / PhD	Non-Technical	13	9	1
5	Centre for Nuclear Medicine	Academic Department with lab facility	Nuclear Medicine	UG / PG / PhD	Technical	31	1	5
6	Centre for Public Health	Academic Department with lab facility	After obtaining the degree in MPH students have various options to choose e.g. they can work as epidemiologist, environmentalist, Global Health Planners, financial Health planners and so on. Students can also research and teaching a way we are imparting multidisciplinary training to students.	UG / PG / PhD	Both	58	1	3
7	Centre for Skill Development and Entrepreneurship	Pre-incubation unit	Skill Development and Entrepreneurship	Not Allowed	Not Allowed	0	0	1

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8	Centre For Stem Cell Tissue Engineering and Biomedical Excellence	Academic Department with lab facility	Stem Cell and Tissue Engineering with the focus areas on Kidney Regeneration, Kidney cancer stem cells, role of nutraceuticals on stem cell differentiation pathways.	UG / PG / PhD	Technical	40	4	5
9	Centre for the Study of Social Exclusion and Inclusive Policy	Research Unit / Park	Social Science	UG / PG / PhD	Non-Technical	32	0	5
10	Centre of Advanced Study in Geography	Academic Department with lab facility	"Multi-disciplinary (1) Geography with specialisation in Population Geography, Settlement Geography, Cultural Geography, Environmental Geography (2) Disaster Management (3) Geoinformatics "	At all level	Both	253	9	10
11	Cluster Innovation Centre in Biotechnology (CIC-B)	Pre-incubation unit	Biotechnology	Not Allowed	Not Allowed	2	2	4
12	Department cum National Centre for Human Genome Studies and Research, Panjab University, Chandigarh	Academic Department with lab facility	Human Genomics: Structural Genomics, Protein Design and Engineering, Genetics of Complex Disease and Cancer Biology	UG / PG / PhD	Non-Technical	36	3	5
13	Department of Anthropology	Academic Department with lab facility	Anthropology	At all level	Both	205	7	13
14	Department of Biochemistry	Academic Department with lab facility	This department produces students with sound background of theoretical and experimental Biochemistry. The students completing their B.Sc. (Hons. School) easily find placements at Postgraduate level in Indian and Foreign Universities of repute. After passing their M.Sc. degree from this department they are absorbed in Government and private sector enterprises dealing with any of the aforementioned areas. In view of the advances made by Biochemistry in clinical diagnostics, it has also a very good	UG / PG / PhD	Non-Technical	173	15	12

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15	Department of BIOPHYSICS	Academic Department with lab facility	Dept strengthen the field of Basic Medical Sciences of PU. It originated with Electro-Physiology, Radiation Biophysics and Electron Microscopy. Apart from the traditional areas in Biophysics Dept had put in efforts to move into new emerging areas such as Bioinformatics, Molecular Imaging, Translational research in Cancer, Molecular Medicine and Nuclear Medicine. Advances in these areas have paved a way for the designing and development of drugs and medical technologies for the welfare of man	UG / PG / PhD	Technical	114	10	12
16	Department of Biotechnology	Academic Department with lab facility	Multidisciplinary focus on Microbial, Plant and Animal Biotechnology	UG / PG / PhD	Both	135	8	10
17	Department of Botany	Academic Department with lab facility	Biodiversity and Taxonomy, Cytology, Tissue Culture, Ethno Botany, Plant Nutrition & Biochemisry, Ecology, Environment Physiology	UG / PG / PhD	Non-Technical	169	17	39
18	Department of Chemistry	Academic Department with lab facility	Chemistry with focus on Organic, Inorganic, Physical and Theoretical Chemistry	UG / PG / PhD	Non-Technical	426	29	29
19	Department of Community Education and Disability Studies	Academic Department with lab facility	Masters in Community Education and B.Ed. in special Education(Learning Disability)	UG / PG / PhD	Both	125	7	6
20	Department of Computer SCience and Applications	Academic Department with lab facility	Computer Science and Applications	UG / PG / PhD	Technical	333	13	14
21	Department of Education	Academic Department with lab facility	Master of Education (M.Ed.) Master of Arts in Education (M.A.)	UG / PG / PhD	Non-Technical	375	7	9
22	Department of Environment Studies	Academic Department with lab facility	Science/Environment Science	UG / PG / PhD	Non-Technical	10	4	4

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23	Department of Evening Studies- Multidisciplinary Research Centre	Research Unit / Park	Multidisciplinary Reserch Centre, focus areas Economics, English, Punjabi, Political Science & History	UG / PG / PhD	Non-Technical	1063	58	22
24	Department of Gandhian and Peace Studies	Research Unit / Park	Faculty of Arts/Social Sciences	UG / PG / PhD	Non-Technical	93	6	12
25	Department of Geology	Academic Department with lab facility	Palaeontology, Petrology, Stratigraphy and Environmental geochemistry	UG / PG / PhD	Non-Technical	171	11	25
26	Department of German	Academic Department with lab facility	German as Foreign Language	Diploma / Polytechnic	Non-Technical	147	2	2
27	DEPARTMENT OF INDIAN THEATRE	Academic Department with lab facility	PERFORMING ARTS	UG / PG / PhD	Non-Technical	50	2	6
28	Department of Library and Information Science	Academic Department with lab facility	Library and Information Science	UG / PG / PhD	Non-Technical	98	4	3
29	Department of Life Long Learning and Extension	Pre-incubation unit	Pre-school Education/ Faculty Development Programmes for Teachers/ Development of Teaching Faculty/ Life Long Learning/Computer Literacy, Fashion Technology.	Diploma / Polytechnic	Non-Technical	352	6	2
30	Department of Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Both	250	17	16
31	Department of Microbial Biotechnology	Academic Department with lab facility	Microbial Biotechnology	UG / PG / PhD	Technical	41	5	4
32	Department of Microbiology	Academic Department with lab facility	Microbiology Teaching and Research	UG / PG / PhD	Non-Technical	196	11	19
33	Department Of Philosophy	Research Unit / Park	Indian Philosophy, Ethics, Logic, Social Philosophy , Aesthetic,contempor ary western Philosophy	UG / PG / PhD	Non-Technical	65	5	4
34	Department of Physics	Academic Department with lab facility	Degrees in Physics (Honours) and Physics (Specialisation in Electronics)	UG / PG / PhD	Non-Technical	554	32	41
35	Department of Political Science	Research Unit / Park	Indian Politics and International Politics	UG / PG / PhD	Non-Technical	183	6	6
36	Department of Sanskrit	Academic Department with lab facility	Language faculty	UG / PG / PhD	Non-Technical	87	1	2

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37	Department of Sociology	Academic Department with lab facility	Sociology of development , population studies ,urban studies ,family and gender	UG / PG / PhD	Non-Technical	192	6	5
38	Department of Statistics	Academic Department with lab facility	Science Stream/M.Sc.(Statistics)/Ph.D.(Statistics)	UG / PG / PhD	Non-Technical	80	9	6
39	Department of Zoology	Academic Department with lab facility	Human Health, Alternative Therapeutics, Animal Biodiversity	UG / PG / PhD	Non-Technical	221	10	26
40	Dr SSB University Institute of Chemical Engineering and Technology	Academic Department with lab facility	B.E. (Chemical), B.E. (Food Tech.), B.E. (Chemical)-MBA, M.E. (Chemical), M.Tech. (Polymer), M.E. (Food Tech.), M.E. (Chemical with specialization in Env. Engg.), M.Sc. (Industrial Chemistry)	UG / PG / PhD	Technical	722	25	39
41	INSTITUTE OF EDUCATIONAL TECHNOLOGY AND VOCATIONAL EDUCATION	Academic Department with lab facility	TEACHER EDUCATION COURSE	UG / PG / PhD	Non-Technical	177	9	5
42	Institute of Forensic Science and Criminology	Academic Department with lab facility	Multidisciplinary (includes all domains of science and some non-science subjects)	UG / PG / PhD	Technical	58	3	3
43	PUSSGRC, Hoshiarpur	Academic Department with lab facility	Engineering: CSE/ECE/IT/ME, UJLS: BA LLB/LLB, DCSA: MCA/PG DCSA	UG / PG / PhD	Both	1071	60	125
44	University Institute of Applied Management Sciences	Research Unit / Park	MBA Retail Management, MBA Banking and Insurance Management, MBA Information and Technology Management, MBA Infrastructure Management, MBA Hospital Management, MBA Pharmaceutical Management	UG / PG / PhD	Non-Technical	174	20	25
45	University Institute Of Hotel And Tourism Management	Academic Department with lab facility	Tourism and Hospitality Education	UG / PG / PhD	Both	364	10	20
46	University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Academic Department with lab facility	Pharmacy	UG / PG / PhD	Technical	362	32	42
47	Technology Enabling Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering	At all level	Technical	300	0	0

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48	Dr Harvansh Singh Judge Institute Of Dental Sciences and Hospital	Academic Department with lab facility	Oral Health Care i.e. Dentistry with all its specialities.	UG / PG / PhD	Technical	486	76	93
49	IIC	Pre-incubation unit	Engineering	At all level	Technical	300	0	0
50	Design Innovation Centre	Centre of Excellence with Advance Tools & Equipment	Engineering	At all level	Technical	503	4	7
51	School of Punjabi Studies	Research Unit / Park	Multidisciplinary: Academics, Research, Translation and Lexicography	At all level	Non-Technical	59	6	12
52	Institution Innovation Council	Academic Department with lab facility	Pharmaceutical Science	UG / PG / PhD	Technical	369	25	42
53	Centre for advanced studies in Zoology	Academic Department with lab facility	Biodiversity, Parasitic therapeutics and Molecular Cytogenetics	UG / PG / PhD	Non-Technical	221	10	27
54	University Institute of Fashion Technology	Academic Department with lab facility	Sector of Focus: Fashion Industry. Multidisciplinary: Textile Science, Design Process, Garment Production, CAD, Journalism, Photography, Marketing and Merchandizing.	UG / PG / PhD	Both	178	11	3
55	Department of Hindi	Research Unit / Park	Literature and Translation	At all level	Non-Technical	236	5	5
56	Department of English and Cultural Studies	Academic Department with lab facility	English & Cultural Studies	UG / PG / PhD	Non-Technical	148	9	10
57	University Institute of Engineering and Technology	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	2600	213	38
58	Panjab University Regional Centre Muktsar	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Both	318	15	18
59	Department of psychology	Academic Department with lab facility	psychology	At all level	Non-Technical	204	5	6
60	Department of Economics	Academic Department with lab facility	Economics	UG / PG / PhD	Non-Technical	361	15	12
61	Centre for System Biology and Bioinformatics	Academic Department with lab facility	Network Systems Biology	UG / PG / PhD	Non-Technical	26	3	0
62	Department of Defence and National Security Studies	Academic Department with lab facility	Defence and National Security Studies	At all level	Non-Technical	217	5	10
63	Department of Laws	Academic Department with lab facility	Laws	UG / PG / PhD	Non-Technical	942	16	0

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64	Department of Music	Academic Department with lab facility	Music	At all level	Non-Technical	56	3	0
65	Department of Physical Education	Academic Department with lab facility	Health and Wellness, Sports Training and Pedagogic Techniques in Physical Education and Sports, Sports Biomechanics, Exercise Physiology and Sports Medicine, Sports and Physical Education History, Research Methodology in Physical Education, Measurement and Evaluation in Physical Education and Sports, Sports Sociology, Kinanthropometry, Sports Management, Sports Psychology and Yoga.	UG / PG / PhD	Non-Technical	146	4	0
66	PU Rural Center Kauni, Muktsar	Academic Department with lab facility	to provide a 'pristine-like' atmosphere for the education of the rural students	UG / PG / PhD	Non-Technical	28	8	0
67	School of Communication Studies	Academic Department with lab facility	Print Media, Advertising, Public Relations, Media Management, Broadcast Media and Communication Research Methods.	UG / PG / PhD	Non-Technical	108	6	0
68	University Business School	Academic Department with lab facility	Management	UG / PG / PhD	Technical	358	25	20
69	University Institute of Legal Studies	Academic Department with lab facility	Legal Studies	UG / PG / PhD	Non-Technical	1489	25	0

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70	Centre for Industry Institute Partnership Programme	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	To generate adequate intellectual and financial resources for the mutual benefit of industry and society by focusing on integrated research, planning, curriculum development and instructional software preparation in the areas of science, technology and humanities. To organize and promote formal, non-formal, flexible, modular, training programmes in the emerging areas of knowledge and research and in Rural Development, Educational Planning, Information and Management Sciences. To org	Not Allowed	Not Allowed	0	0	0
71	DST-Centre for Policy Research at Panjab University	Research Unit / Park	Policy research	Not Allowed	Not Allowed	0	7	2

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810617
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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?
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1	Intern Fair 2019	Entrepreneurship/Startup	Start-up Conclave	Institute Lead Activity	University Institute of Engineering and Technology Panjab University Chandigarh	13-04-2019 00:00:00	14-04-2019 00:00:00	2	Within Campus	40	5	2	2	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28500	No
2	Orientation Programme for GCET Jammu Students	Entrepreneurship/Startup	Awareness	Institute Lead Activity	University Institute of Engineering and Technology, Panjab University, Chandigarh	11-07-2019 00:00:00	13-07-2019 00:00:00	3	Within Campus	0	5	80	20	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
3	Expert lecture on "Power Quality Issues in Power Systems"	Innovation	Awareness	Institute Lead Activity	University Institute of Engineering and Technology, Panjab University, Chandigarh	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11500	No
4	Expert Talk on Vaccine Formulation	Innovation	Mentoring Session	Institute Lead Activity	University Institute of Engineering and Technology, Panjab University, Chandigarh	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15500	No
5	Expert lecture "Fuzzy Logic and Application"	Innovation	Awareness	Institute Lead Activity	University Institute of Engineering and Technology, Panjab University, Chandigarh	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15500	No

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6	Seminar on Emerging Research trends in Nanotechnology for Engineers	Entrepreneurship/Startup	Seminar	Institute Lead Activity	University Institute of Engineering Technology, Panjab University, Chandigarh	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	80	20	10	10	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25500	No
7	Workshop on Spectroscopy	Innovation	Workshop	Institute Lead Activity	University Institute of Engineering Technology, Panjab University, Chandigarh	09-10-2019 00:00:00	09-10-2019 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17800	No
8	CANNABLE 3.0	Innovation	Boot camp	Institute Lead Activity	UIET PU Chandigarh	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15500	No
9	Expert Lecture on Innovations	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28500	No
10	Expert Lecture on Innovation Day	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25500	No
11	Expert Lecture on "Robotics 2 Rural Innovative teaching and Research Approaches	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15500	No

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12	Expert lecture on Issues and challenges in Wireless Communication	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16800	No
13	Expert lecture on "Selenium: A doubled edged sword in plants"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	UIET PU Chandigarh	29-11-2019 00:00:00	29-11-2019 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27800	No
14	Workshop on Design Thinking and Problem Solving	Entrepreneurship/Startup	Workshop	Institute Lead Activity	UIET PU Chandigarh	18-11-2019 00:00:00	18-11-2019 00:00:00	1	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22500	No
15	Recent Trends in Telecommunications	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16800	No
16	Expert Lecture on Biosignal and its application in Engineering	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	17-01-2020 00:00:00	17-01-2020 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22500	No
17	National Seminar on "Research Resurgence" in Collaboration with GCET Jammu	Innovation	Seminar	Institute Lead Activity	UIET PU Chandigarh	17-01-2020 00:00:00	18-01-2020 00:00:00	2	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32600	No
18	System Application and products, Enterprise Resource Planning (SAP ERP) & Emerging Industry Trends	Entrepreneurship/Startup	Awareness	Institute Lead Activity	UIET PU Chandigarh	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32000	No

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19	Expert Lecture on CRDi Technology	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27800	No
20	Expert Lecture on Trends in PCB Designing and Technology	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18700	No
21	Campus Hackathon (SIH 2020)	Innovation	Boot camp	Institute Lead Activity	UIET PU Chandigarh	23-01-2020 00:00:00	24-01-2020 00:00:00	2	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18700	No
22	Expert Lecture on Fundamental of Mechanical Vibration	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	100	80	10	20	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22500	No
23	Expert Lecture on Microbial Interventions for sustainable Agriculture	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32600	No
24	Expert lecture on Research Trends in Theoretical Computer Science	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	0	20	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27800	No
25	One Day Workshop on Virtual Labs	Innovation	Workshop	Institute Lead Activity	UIET PU Chandigarh	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27800	No

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26	"Maintenance of computer hardware software and networking" Workshop	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	20	70	0	30	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27800	No
27	Expert Lecture on Demand Side Management	Innovation	Awareness	Institute Lead Activity	UIET PU Chandigarh	12-03-2020 00:00:00	12-03-2020 00:00:00	1	Within Campus	0	30	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18700	No
28	Workshop on Design and Innovation	Entrepreneurship/Innovation	Workshop	Institute Lead Activity	UIET PU Chandigarh	08-06-2019 00:00:00	09-06-2019 00:00:00	2	Within Campus	80	150	20	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	302750	No
29	Principles of Design	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	25-06-2019 00:00:00	29-06-2019 00:00:00	5	Within Campus	100	80	10	20	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23160	No
30	Whole Mouth Health-Current Status and Future Directions	Innovation	Mentoring Session	Institute Lead Activity	UIET PU Chandigarh	08-07-2019 00:00:00	12-07-2019 00:00:00	5	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	465000	No
31	One Week Seminar Camp on Tinkerable Projects"	Innovation	Seminar	Institute Lead Activity	UIET PU Chandigarh	17-11-2019 00:00:00	17-11-2019 00:00:00	1	Within Campus	50	100	0	50	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	455000	No
32	Startup and Incubation Workshop in Medical Devices & Restorative Technology	Innovation	Workshop	Institute Lead Activity	Panjab University, Chandigarh	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	80	150	20	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	31000	No

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33	Practical exposure regarding the development of a pilot plant and its expansion into fully fledged unit. Innate information on the wet and dry granulation procedures, tableting and capsule filling was practically demonstrated via the means of established	Innovation	Exposure visit	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	11-06-2019 00:00:00	12-06-2019 00:00:00	2	Within Campus	50	2	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1800	No
34	Role of Separation Technologies in Setting Pharmacopoeia Standards	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
35	Chemical Fingerprinting of Ayurvedic Drugs & Formulations by HPTLC/HPLC	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	40	20	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
36	Flash Chromatography	Entrepreneurship/Start-up	Workshop	Student Lead Activity	Institution Innovation Council (IIC), UIPS	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	30	7	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
37	HPTLC - Basics, HPTLC, Demonstration and Hands-on on HPTLC	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No

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

38	POPULAR LECTURE on "Drug Misuse among youth: Impact and life skills for prevention"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
39	Method Development and Validation using Waters Column Chemistries	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
40	Hands-on training on HPLC/UP LC	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
41	Current trends in the use of Chromatography in Pharmaceutical Analysis	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
42	Gel Electrophoresis: Basics and Advanced Concepts	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
43	Lecture on Phytopharmaceuticals: A New Drug Class Regulated in India	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	30	10	0	0	40	No		No
44	Reaxys 2.0: A smart tool for researchers	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	50	15	0	0	65	No		No

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

45	new perspective building in the limitless domain of pharmacology and development of novel therapies .	Innovation	Awareness	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	23-10-2019 00:00:00	23-10-2019 00:00:00	1	Within Campus	100	3	0	0	103	No	No	
46	Expeditions into the yet unknown aspects governing the cancer manifestations and deploy the learnings for the benefit of mankind.	Innovation	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	25-11-2019 00:00:00	25-11-2019 00:00:00	1	Within Campus	30	4	0	0	34	No	No	
47	Novel Drug Discoveries and Polymer-Linked Prodrugs for Colon Cancer	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3700	No
48	Applications of Radiopharmaceuticals in Medicine	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
49	Technologies in Molecular Modeling for Drug Design, Discovery and Development	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20377	No
50	The past, present and future of quinoline based antimalarial drugs	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28283	No

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

51	Drug Discovery in Era of Artificial Intelligence	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No
52	1. Basics of NMR, 2. 2D NMR in Structural Elucidation	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	No
53	Persistence of Multi Drug Resistant Bacterial Pathogens against antibiotics	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
54	Valedictory Lecture on "Phytopharmaceuticals: A New Drug Class Regulated in India"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5697	No
55	Introduction to IR Spectroscopy	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation Council (IIC), UIPS	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6300	No
56	Awareness Workshop for "Pitch WithKabi" 3rd Call For Proposals For Seed Fund" on 14th January 2020 in collaboration with FreseniusKabi Oncology Limited	Entrepreneurship/Startup	Awareness	Institute Lead Activity	BioNEST-PU	14-01-2020 00:00:00	14-01-2020 00:00:00	1	Within Campus	50	3	9	2	64	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

57	Expo and Special IPR Session in ICONICA 2020	Entrepreneurship/Start-up	Exhibition	Institute Lead Activity	UIPS, PU	12-02-2020 00:00:00	14-02-2020 00:00:00	3	Within Campus	8	7	30	10	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	89854	Award / Position / Recognition Secured	Best Poster
																	Title of Innovation / Start-up Secured the Award / Recognition	Development of anti-cancer molecules from natural substances
																	Award/Recognition/Achievement Received for	
58	Startup Yatra 2019	Entrepreneurship/Start-up	Road Show	Institute Lead Activity	BioNEST-PU	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Outside Campus	171	31	394	12	608	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	24597	No	
59	Workshop on Intellectual Property and Biotechnology Ignition Grant	IPR	Training	Institute Lead Activity	BioNEST-PU	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	80	7	5	3	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	41351	No	
60	Product Launch: Novice Series	Entrepreneurship/Start-up	Demo Day	Institute Lead Activity	BioNEST-PU	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	44	12	12	4	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13569	No	
61	Vocational Course in "Basics in Computer Application"	Entrepreneurship/Start-up	Skill development	Institute Lead Activity	Department of Life Long Learning	11-12-2019 00:00:00	15-02-2020 00:00:00	67	Outside Campus	0	2	40	3	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17000	No	
62	Vocational Course in "Soft and Life skill Development"	Entrepreneurship/Start-up	Skill development	Institute Lead Activity	Department of Life Long Learning	09-12-2019 00:00:00	09-02-2020 00:00:00	63	Outside Campus	0	2	31	3	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15500	No	

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

63	Vocational Course in "Computer Hardware"	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of Life Long Learning	01-01-2020 00:00:00	01-03-2020 00:00:00	61	Outside Campus	0	2	40	3	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14500	No
64	Entrepreneurship development programme	Entrepreneurship/Startup	Workshop	Institute Lead Activity	University Institute of Hotel and Tourism Management(UIHTM)	30-01-2020 00:00:00	31-01-2020 00:00:00	2	Within Campus	47	1	0	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
65	Symposium A Meet Frontiers in Biochemistry	IPR	Awareness	Institute Lead Activity	Department of Biochemistry, Panjab University, Chandigarh	29-11-2019 00:00:00	30-11-2019 00:00:00	2	Within Campus	30	30	0	0	60	No	No	
66	How Innovation led to improvisations in Immunological Techniques	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Dept. of Human Genetics, Punjabi University, Patiala	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Outside Campus	1	1	0	0	2	No	No	
67	Translational Research in Life Sciences	Innovation	Conference	Institute Lead Activity	Department of SAIF CIL, Panjab University, Chandigarh	05-05-2019 00:00:00	07-05-2019 00:00:00	3	Within Campus	2	1	0	0	3	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
68	Symposium and Alumni Meet Frontiers in Biochemistry	Innovation	Workshop	Institute Lead Activity	Department of Biochemistry, Panjab University, Chandigarh	29-11-2019 00:00:00	30-11-2019 00:00:00	2	Within Campus	30	0	30	0	60	No	No	

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

69	Plastic Tide Turner Challenge	IPR	Awareness	Institute Lead Activity	Department of Community Education and Disability Studies, Panjab University Chandigarh organies In partnersh ip with WWF-India and UN Environment in Collabora tion with state legal serivces authority, UT, Chandiga rh, Departm ent of Enviornm ent Chandiga rh Adminstr ation and Universit y Institute of Legal Studies (UILS) Panjab Unversity , Chandiga rh	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Outside Campus	150	2	0	0	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No
70	Psychology Assessment, Intervention and Management of Behavioural Problems in Children with Learning Disability and Associated	IPR	Workshop	Institute Lead Activity	Department of Community Education and Disability Studies, Panjab University , Chandiga rh and psychowaves	14-10-2019 00:00:00	18-10-2019 00:00:00	5	Within Campus	0	8	30	0	38	No	No	

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

71	Intensive Training Workshop on Essentials of Child Psychology	IPR	Workshop	Institute Lead Activity	Psychowaves in association with Department of Community Education and Disability Studies, Panjab University, Chandigarh	05-09-2019 00:00:00	07-09-2019 00:00:00	3	Within Campus	0	5	60	0	65	No	No	
72	Certified Training on Cognitive Behavioral Therapy	IPR	Training	Institute Lead Activity	Psychowaves in association with Department of Community Education and Disability Studies, Panjab University, Chandigarh	05-10-2019 00:00:00	06-10-2019 00:00:00	2	Within Campus	0	4	70	0	74	No	No	
73	Ved Ki Vishwatmak Drishti	Innovation	Seminar	Institute Lead Activity	Dayanand Chair for Vedic Studies	20-11-2019 00:00:00	20-11-2019 00:00:00	1	Within Campus	38	1	29	2	70	No	No	
74	One-day Workshop on 'Patents' and 'Copyrights'	IPR	Workshop	Institute Lead Activity	DST-Centre for Policy Research at Panjab University, Chandigarh	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	70	0	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	110358	No
75	'Roundtable Meet' entitled Challenges in Technology Commercialization	Innovation	Seminar	Institute Lead Activity	DST-Centre for Policy Research at Panjab University, Chandigarh	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	70	0	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100248	No
76	Hands-on Training in Patent Search and Filing	IPR	Training	Institute Lead Activity	DST-Centre for Policy Research at Panjab University, Chandigarh	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Within Campus	5	30	5	35	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17046	No

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

77	Pre-Screening Meeting of Agro-Tech Proposals	Innovation	Conference	Institute Lead Activity	Technology Development Transfer Programme, DST, Govt at Indian Institute of Technology Delhi	11-07-2019 00:00:00	12-07-2019 00:00:00	2	Outside Campus	0	5	35	5	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1087911	No
78	5th Workshop on Management of Biomass (Agri-waste and Municipal-waste) into Bio-resources	Innovation	Workshop	Institute Lead Activity	DST-Centre for Policy Research at Panjab University, Chandigarh	23-04-2019 00:00:00	23-04-2019 00:00:00	1	Within Campus	50	0	50	0	100	No		No
79	Inter University Declamation Contest	Innovation	Innovation Contest	Institute Lead Activity	Department of Sanskrit	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	80	1	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30500	No
80	7-Day National Workshop on Basic and Applied Techniques in Life Sciences	Innovation	Workshop	Institute Lead Activity	Department of Zoology, Centre for Advanced Studies (UGC), PU, Chandigarh	18-02-2020 00:00:00	25-02-2020 00:00:00	8	Within Campus	5	15	20	8	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	170000	No
81	International Conference on Imminent Concerns and Applications (ICONIC A-2020): Next Generations paradigms in Health Care	Innovation	Conference	Institute Lead Activity	University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	12-02-2020 00:00:00	14-02-2020 00:00:00	3	Within Campus	2	5	0	0	7	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	ICAM 2019(American Institute of Pheripal)	Innovation	Conference	Nirmalagiri college, Kannur, Kerala	Educational Institute	12-06-2019 00:00:00	15-06-2019 00:00:00	4	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 13000	No
2	Fourth International Conference on Information and Communication Technology for Sustainable development	IPR	Conference	GOA	Educational Institute	05-07-2019 00:00:00	06-07-2019 00:00:00	2	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 9680	No
3	Short term course on 5G communication	Innovation	Skill development	IIT, Ropar	Educational Institute	08-04-2019 00:00:00	12-04-2019 00:00:00	5	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3000	No
4	3rd International Conference on Advances in Computing and Data Sciences	Innovation	Conference	Indraprastha Engg. College, Ghaziabad, UP	Educational Institute	12-04-2019 00:00:00	13-04-2019 00:00:00	2	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 9000	No
5	ICACM, 2019	Innovation	Conference	Jagannath University, Jaipur	Educational Institute	13-04-2019 00:00:00	14-04-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 6193	No
6	One M2M Developer Event (Workshop)	Innovation	Workshop	Bangalore	Govt. Agency (Central)	25-04-2019 00:00:00	26-04-2019 00:00:00	2	1	0	1	No	---	---	Total 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

7	Times App Search Contest	Innovation	Awareness	Gurgaon	Non-Govt. Agencies	05-08-2019 00:00:00	05-08-2019 00:00:00	1	4	0	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7731	No
8	Advanced Engineering Optimization through Intelligent Techniques	Innovation	Workshop	SVNIT, Surat Gujarat	Educational Institute	13-05-2019 00:00:00	17-05-2019 00:00:00	5	1	1	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	31225	No
9	FDP on Cyber Security and Cyber war	Innovation	Awareness	Dehradun	Govt. Agency (Central)	03-06-2019 00:00:00	07-06-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
10	6th International Conference on Production and Industrial Engg	Innovation	Conference	NIT Jalandhar	Educational Institute	08-06-2019 00:00:00	10-06-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
11	Professional Development Training (PDT)	Innovation	Training	IIM Shillong	Educational Institute	10-06-2019 00:00:00	14-06-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
12	International Conference on Differential Equations and Control Problems	Innovation	Conference	IIT Mandi	Educational Institute	17-06-2019 00:00:00	19-06-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
13	International Workshop on Applied Deep Learning	Innovation	Workshop	IIT Mandi	Educational Institute	01-07-2019 00:00:00	05-07-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	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

14	6th National Symposium on Rotor Dynamics (NSRD)-2019)	Innovation	Awareness	CSIR-NAL, Bangalore	Educational Institute	02-07-2019 00:00:00	03-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
15	SUPRA SAEINDIA 2019	Innovation	Conference	Noida	Govt. Agency (Central)	15-07-2019 00:00:00	20-07-2019 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	No
16	Meeting with C-Dot Centre for Development of Telematics	Innovation	Training	New Delhi	Govt. Agency (Central)	08-09-2019 00:00:00	08-09-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
17	Review meeting with Director Principals at NPIU	Innovation	Awareness	New Delhi	Govt. Agency (Central)	09-06-2019 00:00:00	09-06-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
18	Industrial Visit Embros Automotives Pvt Ltd	Innovation	Training	Baddi	Govt. Agency (Central)	09-10-2019 00:00:00	09-10-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
19	To attend MHRD innovation Cell Foundation Day	Innovation	Awareness	New Delhi	Govt. Agency (Central)	09-11-2019 00:00:00	09-11-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
20	2nd International Conference on Functional Materials Manufacturing and Performances	Innovation	Conference	LPU Jalandhar	Educational Institute	12-09-2019 00:00:00	13-09-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	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

21	Meeting regarding State Level Job Fair for highend jobs	Innovation	Conference	ISB Mohali	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
22	Refresher Course in Research Methodologies in Sciences	Innovation	Training	PU, Chandigarh	Educational Institute	17-09-2019 00:00:00	30-09-2019 00:00:00	14	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
23	Workshop on Nano Mechanical Analysis (Nanoyan trika 2019)	Innovation	Workshop	Trivandrum	Govt. Agency (Central)	22-09-2019 00:00:00	24-09-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	30000	No
24	Short term course on Employability Skill for Industry 4.0	Innovation	Workshop	NITTTR, Chandigarh	Educational Institute	23-09-2019 00:00:00	27-09-2019 00:00:00	5	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
25	5th International Conference on Data Science and Engineering	Innovation	Conference	IIT Patna	Educational Institute	26-09-2019 00:00:00	28-09-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	30000	No
26	1st international Conference on Advancement in Engineering Sciences	Innovation	Conference	Katra, Jammu	Educational Institute	28-09-2019 00:00:00	29-09-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
27	Faculty Development Program on Cyber security	Innovation	Training	NIT Silchar Assam	Educational Institute	14-10-2019 00:00:00	19-10-2019 00:00:00	6	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	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

28	IEEE International conference Global for Advancement in Technology	Innovation	Conference	Bangalore	Educational Institute	18-10-2019 00:00:00	20-10-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
29	Workshop on Neutrino Physics Theory and Experiments	Innovation	Workshop	Banaras Hindu University	Educational Institute	19-10-2019 00:00:00	25-10-2019 00:00:00	7	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
30	International conference on advances electrical control and signal systems	Innovation	Conference	ITER, Bhubaneswar	Educational Institute	08-11-2019 00:00:00	09-11-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
31	Deep Learning for natural language processing	Innovation	Awareness	IIT Guwahati	Educational Institute	18-11-2019 00:00:00	22-11-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
32	50th Annual conference of Indian Society of Nephrology	Innovation	Conference	Chandigarh	Govt. Agency (Central)	21-11-2019 00:00:00	24-11-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
33	To present a paper on Performance analysis of Graphene based operational Amplifier with conventional amplifier for future communications	Innovation	Conference	VIT, Vellore	Educational Institute	04-12-2019 00:00:00	06-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	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

34	International conference on Nanoscience and nanotechnology (ICNAN 2019)	Innovation	Conference	VIT, Vellore	Educational Institute	04-12-2019 00:00:00	06-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
35	National Organic Symposium Trust	Innovation	Awareness	Udaipur	Govt. Agency (Central)	04-12-2019 00:00:00	07-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
36	Workshop on SPSS training program	Innovation	Training	Dept of Statistics, Panjab University, Chandigarh	Educational Institute	04-12-2019 00:00:00	12-12-2019 00:00:00	9	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
37	Professional development programme	Innovation	Training	IIM Jammu	Educational Institute	06-12-2019 00:00:00	07-12-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
38	International conference on Technology for education	Innovation	Conference	Goa University	Educational Institute	09-12-2019 00:00:00	11-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
39	3 Days AICTE Examination Reforms Training workshop	Innovation	Training	Vasant Kunj New Delhi	Educational Institute	09-12-2019 00:00:00	11-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
40	3 Days AICTE Examination Reforms Training workshop	Innovation	Awareness	NITTR, Chandigarh	Educational Institute	09-12-2019 00:00:00	11-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	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

41	QIP Short Term Course on Artificial Intelligence and Fuzzy Systems Theories, Concepts and its Application	Innovation	Start-up Conclave	IIT Kanpur	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
42	Short term course on Machine Learning for Engineering Application	Innovation	Start-up Conclave	IIT Delhi	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
43	Biotech Ignition Grant - 15-TEP meeting presentation	Innovation	Awareness	KIIT, TBI, Bhubaneswar	Educational Institute	14-12-2019 00:00:00	14-12-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
44	International conference on Advanced Networks and Telecommunication system	Innovation	Conference	BITS Pilani, KK Birla Goa campus	Educational Institute	16-12-2019 00:00:00	19-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
45	DAE Solid state Physics Symposium	Innovation	Seminar	IIT Jodhpur	Educational Institute	18-12-2019 00:00:00	22-12-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
46	FDP on Recent Advances in communication and wireless networks	Innovation	Demo Day	NIT Kurekshe tra	Educational Institute	23-12-2019 00:00:00	28-12-2019 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	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

47	28th International Conference on International Academy of Physical Sciences	Innovation	Conference	Guru Jambheshwar University of Science and Technology, Hisar	Educational Institute	29-12-2019 00:00:00	31-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
48	Drone Festival of India	Innovation	Boot camp	New Delhi	Educational Institute	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
49	Faculty Development Programme on Network Security and AI	Innovation	Awareness	IIT Roorkee	Educational Institute	14-01-2020 00:00:00	18-01-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
50	Awareness cum Proposal Development Workshop and Meeting	Innovation	Workshop	INGUs Knowledge Academy Pvt Ltd Kottivakkam Chennai	Educational Institute	28-01-2020 00:00:00	28-01-2020 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
51	International Conference on Computational Methods and Data Engineering (ICDME 2020)	Innovation	Conference	SRM University, Sonepat	Educational Institute	30-01-2020 00:00:00	31-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
52	Professional Development Programme	Innovation	Awareness	IIM Indore	Educational Institute	10-02-2020 00:00:00	14-02-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	55000	No
53	International Conference on Imminent Concerns Applications (ICONICA 2020)	Innovation	Conference	Sector 14 PU Chandigarh	Educational Institute	12-02-2020 00:00:00	14-02-2020 00:00:00	3	0	18	18	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	80000	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

54	Faculty Training Programme on Cyber Security	Innovation	Training	IIT Roorkee	Educational Institute	24-02-2020 00:00:00	06-03-2020 00:00:00	12	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	55000	No
55	International Conference on Communication and Intelligent Systems	Innovation	Conference	Jaipur	Educational Institute	09-11-2019 00:00:00	10-11-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
56	All India Design Innovation Centre Exhibition	Innovation	Training	IIT Delhi	Educational Institute	25-11-2019 00:00:00	26-11-2019 00:00:00	2	29	5	34	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	107200	No
57	2nd National Workshop on Recent Development in Smart Grid Technologies (NWSGT -2020)	Innovation	Workshop	IIT Bhubneswar	Educational Institute	23-01-2020 00:00:00	24-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	36000	No
58	International Conference on Computational Method and Data Engineering	Innovation	Conference	SRM university, Sonapat, Haryana	Educational Institute	30-01-2020 00:00:00	31-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
59	International Conference on IoT Inclusive Life	Innovation	Conference	NITTR, Chandigarh	Educational Institute	19-12-2019 00:00:00	20-12-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
60	Inviting proposal for funding from IIC-POC contest	Innovation	Ideation	AICTE New Delhi	Educational Institute	01-02-2020 00:00:00	02-02-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5500	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

61	ALL INDIA DIC MEET 2019	Innovation	Exposure visit	SPA New Delhi	Educational Institute	11-04-2019 00:00:00	12-04-2019 00:00:00	2	21	3	24	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	198900	No
62	To inculcate the digital designing ability among the students	Entrepreneurship/Startup	Seminar	Institution Innovation Council (IIC)	Govt. Agency (Central)	25-10-2019 00:00:00	25-10-2019 00:00:00	1	10	0	10	No	---	---	No		No
63	To create the competitiveness among the students	Innovation	Workshop	Institution Innovation Council (IIC)	Govt. Agency (Central)	09-10-2019 00:00:00	16-10-2019 00:00:00	8	80	4	84	No	---	---	No		No
64	Chef competition	Entrepreneurship/Startup	Hackathon	Amrapali Group of Institutes, Haldwani	Educational Institute	17-02-2020 00:00:00	19-02-2020 00:00:00	3	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	No
65	Protein Purification Workshop in collaboration with GE Healthcare	Innovation	Training	GE Healthcare	Corporate / Industry Association	11-05-2019 00:00:00	12-05-2019 00:00:00	2	58	5	63	No	---	---	No		No
66	Awareness Workshop for Pitch WithKabi 3rd Call For Proposals For Seed Fund on 14th January 2020 in collaboration with FreseniusKabi Oncology Limited	Entrepreneurship/Startup	Awareness	FKOL, Gurugram	Corporate / Industry Association	14-01-2020 00:00:00	14-01-2020 00:00:00	1	50	3	53	No	---	---	No		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

67	Participated in Induction Training Program as Resource Person of SCERT, Solan on themes, I Understanding Teaching with Life Long Learning Activities (ii) Role of Teachers as an Extension Worker.	Entrepreneurship/Startup	Awareness	SCERT, Solan (HP)	Non-Govt. Agencies	27-02-2020 00:00:00	27-02-2020 00:00:00	1	50	1	51	No	---	---	No	No
68	One Day UGC sponsored Seminar on Role of Soft Skills in Developing the Personality of Students	Entrepreneurship/Startup	Awareness	Ramgarhi a Girls College, Ludhiana	Non-Govt. Agencies	05-02-2020 00:00:00	05-02-2020 00:00:00	1	60	2	62	No	---	---	No	No
69	One Day UGC sponsored Seminar on Women Cosmetology and Economic Empowerment	Entrepreneurship/Startup	Awareness	Malwa College of Education, Ludhiana	Non-Govt. Agencies	05-02-2020 00:00:00	05-02-2020 00:00:00	1	45	2	47	No	---	---	No	No
70	IPR Workshop Patents and Copyrights	IPR	Workshop	DST - Centre for Policy Research, IPR Chair, Panjab University	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	20	2	22	No	---	---	No	No
71	Innovation Driven Economic Growth in Asia Focusing on India	Innovation	Conference	Goa University	Educational Institute	27-11-2019 00:00:00	29-11-2019 00:00:00	3	2	0	2	No	---	---	No	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

72	Bio-entreprenurship avenues for innovation	Innovation	Workshop	Institute of Microbial Technology (CSIR-IMTECH), Chandigarh	Educational Institute	12-04-2019 00:00:00	12-04-2019 00:00:00	1	1	0	1	No	---	---	No	No	
73	Future of SME and Startup Ecosystem	Entrepreneurship/Startup	Conference	University of Philippines, Quezon City, Diliman, Philippines	Educational Institute	03-10-2019 00:00:00	05-10-2019 00:00:00	3	3	0	3	No	---	---	No	No	
74	Second Sino India Dialogue on Science, Technology and Innovation (STI) Policies	Innovation	Conference	Educational Institution	Educational Institute	16-12-2019 00:00:00	18-12-2019 00:00:00	3	3	0	3	No	---	---	No	No	
75	Science, Technology, Innovation (STI) Policy for Turbulent Times	Innovation	Workshop	University of Sussex, UK	Educational Institute	17-06-2019 00:00:00	21-06-2019 00:00:00	5	0	6	6	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2011857	No
76	International Conference on Imminent Concerns and Applications (ICONIC A 2020 Next Generations paradigms in Health Care	Innovation	Conference	University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh	Educational Institute	12-02-2020 00:00:00	14-02-2020 00:00:00	3	2	5	7	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	15000	No
77	Workshop on Statistical Techniques using Software -A Practical Approach	Innovation	Workshop	Department of Statistics, Panjab University, Chandigarh	Educational Institute	03-03-2020 00:00:00	09-03-2020 00:00:00	7	0	2	2	No	---	---	No	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

78	Biosciences	Innovation	Training	University Grants Commission Human Resource Development centre (HRDC) panjab University, Chandigarh	Govt. Agency (Central)	18-12-2019 00:00:00	31-12-2019 00:00:00	14	0	1	1	No	---	---	No	No	
79	National Symposium on Coldwater Fisheries Development in India innovative Approaches and Way Forward For Enhancing Hill farmers Income	Innovation	Conference	ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand	Govt. Agency (State)	24-09-2019 00:00:00	25-09-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
80	Foundational and Laboratory Level Biorisk management	Innovation	Workshop	Department of Biotechnology, Panjab University, Chandigarh	Educational Institute	03-01-2020 00:00:00	05-01-2020 00:00:00	3	0	1	1	No	---	---	No	No	
81	International webinar series I on BioRisk Management of SARS-CoV-2(Covid 19) Operations in Clinical Diagnostic and Research Laboratories	Innovation	Seminar	Sandia National Laboratories supported by Biosecurity Engagement Program (BEP), US Department of State, ISN CTR-GDIT	International Agencies	29-06-2019 00:00:00	29-06-2019 00:00:00	1	0	1	1	No	---	---	No	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

82	30th National Congress of Parasitology and Global Summit on Malaria Elimination (NCP-GSME 2019)	Innovation	Seminar	SCMM (Special Centre for Molecular Medicine, JNU) ISP (Indian Society of Parasitology), Jawaharlal Nehru University, Delhi	Educational Institute	26-09-2019 00:00:00	28-09-2019 00:00:00	3	0	1	1	No	---	---	No	No
83	Fundamentals of Immunology	Innovation	Workshop	Chandigarh University, Punjab	Educational Institute	22-11-2019 00:00:00	22-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
84	Monoclonal Antibodies, Principle and applications	Innovation	Workshop	Mata Gujri College, Fatehgarh Sahib, Punjab	Educational Institute	22-11-2019 00:00:00	22-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
85	14th Uttarakhand State Science and Technology Congress (USSTC) on Zoology and Veterinary Sciences and Animal Husbandry discipline	Innovation	Seminar	Vigyan Dham, Jhajra, Dehradun, Uttarakhand.	Govt. Agency (State)	27-02-2020 00:00:00	29-02-2020 00:00:00	3	0	1	1	No	---	---	No	No
86	Research in Homeopathy Problems and Perspectives at Short term Course in Research Methodology in Homeopathic Sciences	Innovation	Training	UGC-Human Resource Development Centre, Panjab University, Chandigarh.	Govt. Agency (State)	16-12-2019 00:00:00	21-12-2019 00:00:00	6	0	1	1	No	---	---	No	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

87	Antiplasmodial efficacy of Chininum sulphuricum 30C in vitro and in vivo studies in HOMOEOPROPHYLAXIS A WORLD WIDE CHOICE FOR DISEASE PREVENTION	Innovation	Conference	CCRH, NEW DELHI	Govt. Agency (Central)	11-01-2020 00:00:00	12-01-2020 00:00:00	2	0	1	1	No	---	---	No	No
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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	Skill and capacity	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	ICSVS	29-02-2020	01-07-2020	124	Offline	14	30
2	PPC I Research Methodology Biosafety and IPR	IPR	Elective/Core Credit Course	PhD	Department of Biochemistry PU Chandigarh	01-01-2020	30-06-2020	182	Offline	21	60
3	B Sc Hons	Innovation	Full time Program	Bachelor	Botany	01-07-2019	30-06-2020	366	Offline	75	30
4	M Sc Hons	Innovation	Full time Program	Master	Botany	01-07-2019	30-06-2020	366	Offline	90	30
5	Ph D Botany	Innovation	Full time Program	PhD	Botany	01-07-2019	30-06-2020	366	Offline	100	30
6	2 Month Vocational Course in Cosmetology and Skin Care	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning and Extension	04-12-2019	25-02-2020	84	Offline	40	30
7	2-Month Vocational Course in Soft and Life Skill Development	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	27-12-2019	26-02-2020	62	Offline	40	30
8	2-Month Vocational Course in Basics in Computer Application	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	11-12-2019	15-02-2020	67	Offline	40	30
9	2-Month Vocational Course in Soft and Life skill Development	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	09-12-2019	09-02-2020	63	Offline	31	30

10	2-Month Vocational Course in Soft and Life Skill Development	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	01-01-2020	01-03-2020	61	Offline	35	30
11	2-Month Vocational Course in Computer Hardware	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	01-01-2020	01-03-2020	61	Offline	40	30
12	3-Month Vocational Course in Fashion Designing	Entrepreneurship/Startup	Short term Course	Bachelor	Department of Life Long Learning Extension	06-08-2019	06-11-2019	93	Offline	19	30
13	Entrepreneurship Development Programme	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	University Institute of Hotel and Tourism Management (UIHTM)	01-01-2020	30-06-2020	182	Offline	47	80
14	Managing entrepreneurship small and medium business properties	Entrepreneurship/Startup	Elective/Core Credit Course	Master	University Institute of Hotel and Tourism Management (UIHTM)	01-01-2020	30-06-2020	182	Offline	12	104
15	To study and learning of various neuro behavioural mitochondrial stereotaxic and advanced molecular Western Blot techniques	IPR	Short term Course	Master	UIPS	12-06-2019	11-07-2019	30	Online	1	240
16	Learning of various neuro behavioral biochemical and advanced molecular (Western Blot) techniques	IPR	Short term Course	Master	UIPS	12-06-2019	11-07-2019	30	Online	1	240
17	Techniques for preparation of solid lipid nanoparticles	IPR	Short term Course	Master	UIPS	12-06-2019	11-07-2019	30	Online	1	240
18	Neuropharmacological studies of Solanum virginianum L and Solanum khasianum Clarke in the experimental paradigm of neuropathic pain	IPR	Short term Course	Master	UIPS	17-06-2019	16-08-2019	61	Online	1	240
19	Development of Poly Unsaturated Fatty Acids (PUFA) loaded Amino acids based Nano-formulation for Wound Healing	IPR	Short term Course	Master	UIPS	08-07-2019	06-09-2019	61	Online	1	480
20	Basics of Various Analytical Techniques	IPR	Short term Course	Master	UIPS	08-07-2019	07-08-2019	31	Online	1	240
21	Preparation and characterization of Silymarin Organogel	IPR	Short term Course	Master	UIPS	15-07-2019	13-09-2019	61	Online	1	480
22	Vitamin C Niosome Preparation	IPR	Short term Course	Master	UIPS	15-07-2019	14-08-2019	31	Online	1	480
23	REGULATORY AFFAIRS (MPH 104T)	IPR	Elective/Core Credit Course	Master	UIPS	01-07-2019	31-12-2019	184	Offline	14	60
24	Pharmaceutical Validation	IPR	Elective/Core Credit Course	Master	UIPS	01-08-2019	31-12-2019	153	Offline	25	60
25	Quality Control and Quality Assurance	IPR	Elective/Core Credit Course	Master	UIPS	01-08-2019	31-12-2019	153	Offline	25	60

26	Product Development and Technology Transfer	IPR	Elective/Core Credit Course	Master	UIPS	01-08-2019	31-12-2019	153	Offline	13	60
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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)

Sno	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	Refereshes Course	Innovation	Employment Generation Training Programs	Botany	24-12-2020	31-12-2020	8	Online	40	300
2	Cosmetology and Skin Care	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Life Long Learning in collaboration with Malwa Central College of Education Ludhiana	04-12-2019	25-02-2020	84	Offline	40	160
3	UGC Networking Resource Centre Phase II Training Course on Hands on Training and Advances in Chromatography	Innovation	Employment Generation Training Programs	University Institute of Pharmaceutical Sciences	23-09-2019	28-09-2019	6	Offline	50	40
4	Institution Innovation Council (IIC) INNOVATION WEEK	Innovation	Employment Generation Training Programs	University Institute of Pharmaceutical Sciences	09-10-2019	16-10-2019	8	Offline	45	150
5	4th IBRO APRC Chandigarh Neuroscience School	Innovation	Employment Generation Training Programs	University Institute of Pharmaceutical Sciences	10-11-2019	17-11-2019	8	Offline	50	48
6	UGC-Networking Resource Centre Phase II Training Course on Targeting New Echelons in Drug Discovery and Analysis	Innovation	Employment Generation Training Programs	University Institute of Pharmaceutical Sciences	27-01-2019	01-02-2019	6	Offline	50	48
7	Five days Online Faculty Development Programme on Recent Research Advances in Electrical Engineering	Innovation	FDP in I&E / IPR	University Institute of Engineering and Technology Panjab University Chandigarh	26-09-2020	30-09-2020	5	Online	139	30
8	Faculty Development Programme on Emerging Trends in Electronics and Communication Engg	Innovation	FDP in I&E / IPR	University Institute of Engineering and Technology Panjab University Chandigarh	04-08-2020	08-08-2020	5	Online	90	30
9	Advanced Biotechnology and Nanotechnology	Innovation	EDP in I&E / IPR	University Institute of Engineering and Technology	21-09-2020	26-09-2020	6	Online	95	30
10	Exploring Science and Technology Interconnections	Innovation	EDP in I&E / IPR	University Institute of Engineering and Technology Panjab University Chandigarh	03-08-2020	08-08-2020	6	Online	80	30
11	Advanced Biotechnology and Nanotechnology	Innovation	EDP in I&E / IPR	University Institute of Engineering and Technology	21-09-2020	26-09-2020	6	Online	95	30
12	Exploring Science and Technology Interconnections	Innovation	EDP in I&E / IPR	University Institute of Engineering and Technology	03-08-2020	08-08-2020	6	Online	80	30

13	Design and development of a low cost cycle Mounted rear side safety system using Ultrasonic sensors and Arduino	Innovation	Employment Generation Training Programs	Dept Of UCIM Panjab University	01-07-2019	05-05-2020	310	Offline	1	700
14	A compact-low cost intelligent vehicle over speed detection and reporting System employing Arduino and GSM	Innovation	Employment Generation Training Programs	Dept Of UCIM Panjab University	01-07-2019	31-05-2020	336	Offline	1	700
15	Correcting Posture Wearable real time application for healthy lifestyle	Innovation	Employment Generation Training Programs	Dept Of UCIM Panjab University	01-07-2019	31-05-2020	336	Offline	1	700
16	Fatigue Detection in Soleus muscle by characterizing its Electro-Myogram	Innovation	Employment Generation Training Programs	Dept Of UCIM Panjab University	01-07-2019	31-05-2020	336	Offline	1	700

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)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20																																	
1	Dr. Rohit Sharma	Department of Microbial Biotechnology	Associate Professor	No	No																																	
2	KHEM RAJ	MICROBIOLOGY	Assistant Professor	No	Yes																																	
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Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery																														
Short Term Certificate Course in Descriptive Statistics with R Software.	Innovation	Short term Certificate	NPTEL and IIT Kanpur	Govt. Agency (State)	24-02-2020 00:00:00	18-04-2020 00:00:00	55	Online																														
3	Prof. Sween	Department of Life Long Learning and Extension	Professor	Yes	Yes																																	
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Year of Highest degree in I&E and IPR	1992																																					
4	Prof. Prabha Vig	Department of Life Long Learning and Extension	Professor	Yes	Yes																																	
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5	Dr.Parmjit Singh Kang	Department of Life Long Learning and Extension	Associate Professor and Chairperson	Yes	Yes																																	

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6	Mr. Simran	Department of Life Long Learning and Extension Panjab University	Computer Instructor	Yes	Yes																																							
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7	Mr. Nitish	Department of Life Long Learning and Extension	Technical Assistant	Yes	Yes																																							
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8	Ms. Karminder Kaur	Department of Life Long Learning and Extension	Instructor	Yes	Yes																																							
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9	Prof. Sunil Agrawal	ECE- UIET	Professor	Yes	No																																							

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Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2013										
No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2005</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2005	11	Prof. Sakshi Kaushal	CSE- UIET	Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2005										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2009	12	Prof. Sarbjeet Singh	CSE- UIET
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2009										
Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2009	13	Prof. Amrinder Pal Singh
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2009										
Mechanical - UIET	Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2014	14
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2014										
Dr. Inderdeep Kaur	IT- UIET	Associate Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2018</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2018
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2018										
15	Dr. Arvind Kumar	ECE- UIET	Associate Professor	Yes	No						

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Degree Type	PhD										
Year of Highest degree in I&E and IPR	2014										
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Degree Type	PhD										
Year of Highest degree in I&E and IPR	2020										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	18	Dr. Monika Randhawa	Applied Sciences -UIET
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
Associate Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	19	Dr Preeti Aggarwal
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
CSE- UIET	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015	20
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2015										
Dr. Deepti Gupta	CSE- UIET	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2014
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2014										
21	Dr. Neelam Goel	IT- UIET	Assistant Professor	Yes	No						

<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2008</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2008	22	Dr. Naresh Kumar	ECE - UIET	Assistant Professor	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2008										
No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2018</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2018	23	Dr. Charu Madhu	ECE - UIET	Assistant Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2018										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	24	Dr. Nidhi	ECE - UIET
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	25	Dr. Preeti
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
ECE - UIET	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	26
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
Dr. Nisha Tayal	EEE- UIET	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2020
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2020										
27	Dr. Damanjeet Kaur	EEE- UIET	Assistant Professor	Yes	No						

<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2008</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2008	28	Dr. Preetika Sharma	EEE- UIET	Assistant Professor	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2008										
No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019	29	Dr. Puneet Kaur	EEE- UIET	Assistant Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2019										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2013	30	Dr.Sabhyata Uppal Soni	EEE- UIET
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2013										
Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2017</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2017	31	Dr. Vijayta D. Chadha
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2017										
Centre for Nuclear Medicine	Chairperson and Assistant Professor	No	No	32	Prof. Rakesh Datta						
Department of Defence and National Security Studiess	Professor	No	No	33	Dr. Jaskaran Singh Waraich						
Department of Defence and National Security Studiess	Chairpeson	No	No	34	Dr. Mansimran Khokhar						
DSTCentre for Policy Research Panjab University Chandigarh	Assistant Coordinator	Yes	Yes		<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>Post Graduate Diploma in Intellectual Property Rights (IPR)</td> </tr> <tr> <td>Degree Type</td> <td>Diploma</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </table>	Highest degree name in I&E and IPR	Post Graduate Diploma in Intellectual Property Rights (IPR)	Degree Type	Diploma	Year of Highest degree in I&E and IPR	2020
Highest degree name in I&E and IPR	Post Graduate Diploma in Intellectual Property Rights (IPR)										
Degree Type	Diploma										
Year of Highest degree in I&E and IPR	2020										

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	35	
DL 301 Patents		Short term Certificate	World Intellectual Property Organization	Corporate / Industry Association	12-09-2019 00:00:00	17-12-2019 00:00:00	97	Online		
Dr. Radhika Trikha	DST-Centre for Policy Research Panjab University Chandigarh	Senior Policy Fellow		Yes	Yes					
Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	Post Graduate Diploma in Intellectual Property Rights (IPR)	DL 301 Patents	IPR	Short term Certificate	World Intellectual Property Organization	Corporate / Industry Association	12-09-2019 00:00:00	17-12-2019 00:00:00	97	Online
	Diploma									
	2019									
36	Ms. Mamta Bhardwaj	DST-Centre for Policy Research Panjab University Chandigarh	Sr Scientist C		Yes			Yes		
Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	Post Graduate Diploma in Intellectual Property Rights (IPR)	DL 301 Patents	IPR	Short term Certificate	World Intellectual Property Organization	Corporate / Industry Association	12-09-2019 00:00:00	17-12-2019 00:00:00	97	Online
	Diploma									
	2019									
37	Dr. Vivek Kumar	Centre for Medical Physics	Chairperson and Assistant Professor		No			No		
38	Dr. Ali Abbas	Department of Urdu Panjab University Chandigarh	Asstt Professor		No			No		
39	Prof. Anil Monga	Centre for Police Administration	Professor		No			No		
40	Professor	Centre for Police Administration	Assitant Professor - Chairperson		No			No		
41	Dr. M. Sanjeev Singh	Centre for Police Administration	Guest Faculty		No			No		
42	Ms. Priyanka Mittal	Centre for Police Administration	Guest Faculty		No			No		
43	Dr. Manoj Kumar	Centre for Public Health	Assistant Professor		No			Yes		

		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery						
		Conference on IPR, Patents, Copyrights Innovations & Startups 2020	IPR	Short term Certificate	PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH	Govt. Agency (State)	18-02-2020 00:00:00	19-02-2020 00:00:00	2	Online						
44	Archana R. Singh	SCS	Professor	No	No											
45	Mohanmeet Khosla	SCS	Professor	No	No											
46	Jayanth N. Pethkar	SCS	Associate Professor	No	No											
47	Sumedha Singh	SCS	Assistant Professor	No	No											
48	Bhavneet Bhatti	SCS	Assistant Professor	No	No											
49	Professor Jagtej Kaur Grewal	Art History and Visual Arts	Professor	No	No											
50	Prof. Preeti Mahajan	DLIS	Professor	No	No											
51	Prof. Rupak Chakravarty	DLIS	Professor	No	No											
52	Dr. Shiv Kumar	DLIS	Assistant Professor	No	No											
53	Dr. Manish Sharma	Gandhian and Peace Studies	Assistant Professor	No	No											
54	Dr. Ashu Pasricha	Gandhian and Peace Studies	Assistant Professor	No	No											
55	DR. Namita Gupta	Centre for Human Rights and Duties	Associate Professor and Chairperson	No	No											
56	Dr. Upneet Kaur Mangat	Centre for Human Rights and Duties	Assistant Professor	No	No											
57	Dr. Sunil Kumar Arora	CNSNT UAIEST	Associate Professor	Yes	No											
<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1994</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1994	58	Dr. Jadab Sharma	CNSNT UAIEST	Assistant Professor	Yes					
Highest degree name in I&E and IPR	PhD															
Degree Type	PhD															
Year of Highest degree in I&E and IPR	1994															
No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2006</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2006	59	Dr. Akash Katoch	CNSNT UAIEST	UGC- Assistant Professor					
Highest degree name in I&E and IPR	PhD															
Degree Type	PhD															
Year of Highest degree in I&E and IPR	2006															

Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2014	60	Dr. Bharat Bajaj	CNSNT UAIEST
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2014										
UGC- Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2013	61	Prof Vijay Lakshmi Sharma
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2013										
Department of Zoology Centre for Advanced Studies PU Chandigarh	Professor	No	No	62	Prof VK Walia						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Professor	No	No	63	Prof Sukhbir Kaur						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Professor	No	No	64	Dr Harpreet Kaur						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Associate Professor	No	No	65	Dr YK Rawal						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	66	Dr Archana Chauhan						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	67	Dr Ravinder Kumar						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	68	Dr Ravneet Kaur						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	69	Dr Mani Chopra						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	70	Dr Indu Sharma						

Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	71	Dr Vijay Kumar						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Assistant Professor	No	No	72	Dr Ranjana Jaiswara						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	DST INSPIRE FACULTY	No	No	73	Prof Neelima R Kumar						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Professor	No	No	74	Prof Rajinder Jindal						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	Professor	No	No	75	Prof. Ram Kumar						
Department of Zoology Centre for Advanced Studies (UGC) PU Chandigarh	UGC Visiting Professor	No	No	76	Dr Indu Pal Kaur						
UIPS	Professor and Chairperson	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1996</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1996	77
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1996										
Dr Karan Vasisht	UIPS	Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1990</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1990
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1990										
78	Dr O.P. Katare	UIPS	Professor	Yes	No						
<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1992</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1992	79	Dr Bhupinder Singh Bhoop	UIPS	Professor	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1992										

No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015	80	Dr Renu Chadha	UIPS	Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2015										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2006</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2006	81	Dr Kanwaljit Chopra	UIPS
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2006										
Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1993</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1993	82	Dr Anupam Sharma
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1993										
UIPS	Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1990</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1990	83
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1990										
Dr Manoj Kumar	UIPS	Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1990</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1990
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1990										
84	Dr Anil Kumar	UIPS	Professor	Yes	No						
<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2005</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2005	85	Dr Ranju Bansal	UIPS	Professor	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2005										

No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1996</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1996	86	Dr Maninder Karan	UIPS	Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1996										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>1995</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	1995	87	Dr Alka Bali	UIPS
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	1995										
Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016	88	Dr Anurag
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
UIPS	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2010</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2010	89
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2010										
Dr Neelima Dhingra	UIPS	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2008</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2008
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2008										
90	Dr Ashwani Kumar	UIPS	Assistant Professor	Yes	No						
<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2006</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2006	91	Dr Jai Malik	UIPS	Assistant Professor	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2006										

No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2010</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2010	92	Dr Vandita Kakkar	UIPS	Assistant Professor
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2010										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2012	93	Dr Amita Sarwal	UIPS
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2012										
Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2007</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2007	94	Dr Sangeeta Pilkhwal Sah
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2007										
UIPS	Assistant Professor	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2009	95
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2009										
Dr Gurpal Singh	UIPS	Assistant Professor (UGC-FRP)	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2012										
96	Dr Ashok Kumar Yadav	UIPS	Assistant Professor (UGC-FRP)	Yes	No						
<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2008</td> </tr> </table>	Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2008	97	Dr Sandip Pawar	UIPS	Assistant Professor (UGC-FRP)	Yes
Highest degree name in I&E and IPR	PhD										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2008										

No	Highest degree name in I&E and IPR	PhD	98	Dr Ranjana Bhandari	UIPS	Assistant Professor
	Degree Type	PhD				
	Year of Highest degree in I&E and IPR	2014				

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	Journal Club of Pharmacology	Idea Club	1991	Co-working Space, Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs	48	Professor Kanwaljit Chopra	dr_chopra_k@yahoo.com	9814904586
2	Placement Club	Innovation Club	1994	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	9	Professor Indu Pal Kaur	driпкуips@gmail.com	9855166432
3	Perception Club	Idea Club	2018	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	10	Professor Indu Pal Kaur	chairperson.uips@pu.ac.in	9855166432
4	PIIC	Innovation Club	2019	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	1	Professor Indu Pal Kaur	iic.uips01@gmail.com	9855166432
5	Lecture Organizing Club	Idea Club	2019	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	14	Professor Indu Pal Kaur	webinarsuipsu@gmail.com	9855166432
6	Entrepreneurship Development Club	Idea Club	2012	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Labs	4	Dr. Arvind rajput	arvind_uiet@yahoo.co.in	9417600579

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	Centre for Skill Development & Entrepreneurship	Startup Cell	2015	Co-working Space	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Harish Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>na@pu chd.ac. in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>0</td> </tr> </table>	Facility Incharge Name	Prof. Harish Kumar	Facility Incharge Email	na@pu chd.ac. in	Facility Incharge Phone	0	0	No	No	No
Facility Incharge Name	Prof. Harish Kumar																
Facility Incharge Email	na@pu chd.ac. in																
Facility Incharge Phone	0																
2	CIC-B	Innovation Centre	2014	Co-working Space,Work Stations	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Rohit Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rohit28 @pu.a c.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>991446 1545</td> </tr> </table>	Facility Incharge Name	Dr. Rohit Sharma	Facility Incharge Email	rohit28 @pu.a c.in	Facility Incharge Phone	991446 1545	4	Yes	No	Yes
Facility Incharge Name	Dr. Rohit Sharma																
Facility Incharge Email	rohit28 @pu.a c.in																
Facility Incharge Phone	991446 1545																
				Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
				Funding Agency		BIRAC		Govt. Agency (Central)		14500000							
				Institute's Own Fund / Resource		Panjab University		Educational Institute		0							
3	UIET Incubation Centre	Maker's Space	2012	Co-working Space	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Director UIET</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director uiet@p u.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>017225 41242</td> </tr> </table>	Facility Incharge Name	Director UIET	Facility Incharge Email	director uiet@p u.ac.in	Facility Incharge Phone	017225 41242	6	No	No	Yes
Facility Incharge Name	Director UIET																
Facility Incharge Email	director uiet@p u.ac.in																
Facility Incharge Phone	017225 41242																
				Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
				Funding Agency		TEQIP-II		Govt. Agency (Central)		400000							

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	Liquid Chromatograph Mass Spectrometer	2007	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Anoop patyal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>lcmsla b@pu. ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98883 97680</td> </tr> </table>	Facility Incharge Name	Anoop patyal	Facility Incharge Email	lcmsla b@pu. ac.in	Facility Incharge Phone	98883 97680	2	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>1612711</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1612711	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Anoop patyal																						
Facility Incharge Email	lcmsla b@pu. ac.in																						
Facility Incharge Phone	98883 97680																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1612711																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
2	FEG Scanning Electron Microscope	2015	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Karan Verma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>feseml ab@p u.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>17225 34080</td> </tr> </table>	Facility Incharge Name	Karan Verma	Facility Incharge Email	feseml ab@p u.ac.in	Facility Incharge Phone	17225 34080	2	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>2359606</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	2359606	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Karan Verma																						
Facility Incharge Email	feseml ab@p u.ac.in																						
Facility Incharge Phone	17225 34080																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	2359606																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

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

3	Scanning Electron Microscope	1985	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td data-bbox="920 113 1016 201">Facility Incharge Name</td> <td data-bbox="1016 113 1108 201">Karan Verma</td> </tr> <tr> <td data-bbox="920 201 1016 284">Facility Incharge Email</td> <td data-bbox="1016 201 1108 284">sem lab @pu.a c.in</td> </tr> <tr> <td data-bbox="920 284 1016 662">Facility Incharge Phone</td> <td data-bbox="1016 284 1108 662">17225 34080</td> </tr> </table>	Facility Incharge Name	Karan Verma	Facility Incharge Email	sem lab @pu.a c.in	Facility Incharge Phone	17225 34080	2	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1599 113 1906 161">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1599 161 1762 320">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1762 161 1906 320">0</td> </tr> <tr> <td data-bbox="1599 320 1762 480">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1762 320 1906 480">434160</td> </tr> <tr> <td data-bbox="1599 480 1762 662">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1762 480 1906 662">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	434160	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Karan Verma																						
Facility Incharge Email	sem lab @pu.a c.in																						
Facility Incharge Phone	17225 34080																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	434160																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
4	Transmission Electron Microscope	2006	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td data-bbox="920 671 1016 775">Facility Incharge Name</td> <td data-bbox="1016 671 1108 775">Rajender Singh</td> </tr> <tr> <td data-bbox="920 775 1016 858">Facility Incharge Email</td> <td data-bbox="1016 775 1108 858">temlab @pu.a c.in</td> </tr> <tr> <td data-bbox="920 858 1016 1227">Facility Incharge Phone</td> <td data-bbox="1016 858 1108 1227">95012 39960</td> </tr> </table>	Facility Incharge Name	Rajender Singh	Facility Incharge Email	temlab @pu.a c.in	Facility Incharge Phone	95012 39960	2	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1599 671 1906 719">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1599 719 1762 879">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1762 719 1906 879">0</td> </tr> <tr> <td data-bbox="1599 879 1762 1038">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1762 879 1906 1038">199426</td> </tr> <tr> <td data-bbox="1599 1038 1762 1227">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1762 1038 1906 1227">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	199426	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Rajender Singh																						
Facility Incharge Email	temlab @pu.a c.in																						
Facility Incharge Phone	95012 39960																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	199426																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

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

5	X-Ray Fluorescence Spectrometer (WD-XRF)	2011	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td data-bbox="920 108 1019 199">Facility Incharge Name</td> <td data-bbox="1019 108 1102 199">Tejbir Singh</td> </tr> <tr> <td data-bbox="920 199 1019 284">Facility Incharge Email</td> <td data-bbox="1019 199 1102 284">xrflab@pu.ac.in</td> </tr> <tr> <td data-bbox="920 284 1019 662">Facility Incharge Phone</td> <td data-bbox="1019 284 1102 662">78371 17161</td> </tr> </table>	Facility Incharge Name	Tejbir Singh	Facility Incharge Email	xrflab@pu.ac.in	Facility Incharge Phone	78371 17161	1	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1597 108 1908 156">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1597 156 1765 320">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1765 156 1908 320">0</td> </tr> <tr> <td data-bbox="1597 320 1765 485">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1765 320 1908 485">211520</td> </tr> <tr> <td data-bbox="1597 485 1765 662">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1765 485 1908 662">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	211520	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Tejbir Singh																						
Facility Incharge Email	xrflab@pu.ac.in																						
Facility Incharge Phone	78371 17161																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	211520																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
6	X-Ray Diffractometer (Powder)	2007	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td data-bbox="920 671 1019 762">Facility Incharge Name</td> <td data-bbox="1019 671 1102 762">Jagtar singh</td> </tr> <tr> <td data-bbox="920 762 1019 847">Facility Incharge Email</td> <td data-bbox="1019 762 1102 847">xrdlab@pu.ac.in</td> </tr> <tr> <td data-bbox="920 847 1019 1225">Facility Incharge Phone</td> <td data-bbox="1019 847 1102 1225">98883 68019</td> </tr> </table>	Facility Incharge Name	Jagtar singh	Facility Incharge Email	xrdlab@pu.ac.in	Facility Incharge Phone	98883 68019	1	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1597 671 1908 719">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1597 719 1765 884">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1765 719 1908 884">0</td> </tr> <tr> <td data-bbox="1597 884 1765 1048">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1765 884 1908 1048">4008349</td> </tr> <tr> <td data-bbox="1597 1048 1765 1225">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1765 1048 1908 1225">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	4008349	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Jagtar singh																						
Facility Incharge Email	xrdlab@pu.ac.in																						
Facility Incharge Phone	98883 68019																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	4008349																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

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

7	FT-NMR Spectrometer 400 MHz	2005	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Manish kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nmrlab@pu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9781012525</td> </tr> </table>	Facility Incharge Name	Manish kumar	Facility Incharge Email	nmrlab@pu.ac.in	Facility Incharge Phone	9781012525	1	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>46400</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	46400	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Manish kumar																						
Facility Incharge Email	nmrlab@pu.ac.in																						
Facility Incharge Phone	9781012525																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	46400																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
8	FT-NMR Spectrometer 500 MHz	2019	Innovation Labs	DST, New Delhi	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Manish kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nmrlab@pu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9781012525</td> </tr> </table>	Facility Incharge Name	Manish kumar	Facility Incharge Email	nmrlab@pu.ac.in	Facility Incharge Phone	9781012525	1	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>8274573</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	8274573	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Manish kumar																						
Facility Incharge Email	nmrlab@pu.ac.in																						
Facility Incharge Phone	9781012525																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	8274573																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
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Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

1	BioNEST-PU	2017	Innovation Labs	BioNEST-BIRAC, SAEN-BioNEST-BIRAC, SEED Fund-BioNEST, CSR- FKOL, CSR-Techinvention	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Rohit Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rohit28@pu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9914461545</td> </tr> </table>	Facility Incharge Name	Dr. Rohit Sharma	Facility Incharge Email	rohit28@pu.ac.in	Facility Incharge Phone	9914461545	4	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>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>1767552</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	1767552	Yes										
Facility Incharge Name	Dr. Rohit Sharma																																
Facility Incharge Email	rohit28@pu.ac.in																																
Facility Incharge Phone	9914461545																																
Yes																																	
Total Annual Income from Training and Skill Development Services (In Rupees)	0																																
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																																
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	1767552																																
<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 Incubation Facility exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>SAEN-BioNEST- BIRAC</td> <td>Govt. Agency (Central)</td> <td>5858604</td> </tr> <tr> <td>Funding Agency</td> <td>BIRAC-SEED Fund</td> <td>Govt. Agency (Central)</td> <td>5000000</td> </tr> <tr> <td>Funding Agency</td> <td>CSR- Techinvention</td> <td>Govt. Agency (Central)</td> <td>600000</td> </tr> <tr> <td>Funding Agency</td> <td>CSR-FKOL</td> <td>Govt. Agency (Central)</td> <td>200000</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>0</td> </tr> </tbody> </table>										Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)	Funding Agency	SAEN-BioNEST- BIRAC	Govt. Agency (Central)	5858604	Funding Agency	BIRAC-SEED Fund	Govt. Agency (Central)	5000000	Funding Agency	CSR- Techinvention	Govt. Agency (Central)	600000	Funding Agency	CSR-FKOL	Govt. Agency (Central)	200000	-	-	-	0
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)																														
Funding Agency	SAEN-BioNEST- BIRAC	Govt. Agency (Central)	5858604																														
Funding Agency	BIRAC-SEED Fund	Govt. Agency (Central)	5000000																														
Funding Agency	CSR- Techinvention	Govt. Agency (Central)	600000																														
Funding Agency	CSR-FKOL	Govt. Agency (Central)	200000																														
-	-	-	0																														
2	Technology Enabling Centres	2018	IPR Cell/Technology Transfer Centre	Ministry of education	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof Manu Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>manu@pu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9888509778</td> </tr> </table>	Facility Incharge Name	Prof Manu Sharma	Facility Incharge Email	manu@pu.ac.in	Facility Incharge Phone	9888509778	0	No	No	Yes																		
Facility Incharge Name	Prof Manu Sharma																																
Facility Incharge Email	manu@pu.ac.in																																
Facility Incharge Phone	9888509778																																
<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 Incubation Facility exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>DST</td> <td>Govt. Agency (Central)</td> <td>450000</td> </tr> </tbody> </table>										Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)	Funding Agency	DST	Govt. Agency (Central)	450000																
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)																														
Funding Agency	DST	Govt. Agency (Central)	450000																														

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

Srno	Name of Innovation Park/Research Park	Year of Establishment	Innovation Park / Research Park	Name of the Funding	Facility Details	Total Nos of Dedicated	Had the Research Park/Innovation Park Provided	Had institute Generated Income either from Services Offered by	Had the Research Park/Innovation Park Provided
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Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Facility	Year of Establishment	with Access to Other I & E Facilities at the HEI	Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details		Executive/Management team Strength Engaged at the Facility	any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Research Park/Innovation Park?	any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
					Facility Incharge Name	Facility Incharge Email				
1	Design Innovation Centre, Chandigarh	2015	Incubation Unit	Ministry of education	Dr. Renu Vig	renuving@hotmail.com	6	Yes	No	Yes
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
		Funding Agency		MHRD		Govt. Agency (Central)		50000000		

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/Start up/Venture Development and implementation during the Financial Year 2019-20?	
					Facility Incharge Name	Facility Incharge Email			Yes	No		
1	CIIPP	1995	Innovation Park/Research Park	Grant from Panjab University	Professor Sanjeev Puri	ciipp@pu.ac.in	1	No	Yes	No		
									Total Annual Income from Training and Skill Development Services (In Rupees)	660000		
									Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	194125		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		

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	Dr. Rohit Sharma	Associate Professor	Entrepreneurship/Startup Development	16
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Microradical360 Pvt Ltd		Within	
	Kinvac Innovations LLP		Within	
	Microfoods Pvt. Ltd.		Within	
	AV Nutricare Pvt. Ltd.		Within	
	Mritarch Assiduities Pvt. Ltd.		Within	
2	Prof. Sween	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Literacy and Social Development		Within	
	Cosmetology and Economic Empowerment		Within	
	Teachers as an Extension Workers		Within	
	Balanced Diet and Good Health		Within	
	Water Storage and its Savings		Within	
Economic Empowerment and Women		Within		
3	Dr.Parmjit Singh Kang	Associate Professor and Chairperson	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Guidance and Counseling for New Course at Panjab University		Within	
	Role of Cleanliness in Every Day Life		Within	
	Importance of Celebrating National Integration Day in Today's World		Within	
	Gurunanak Dev Teaching on Equality and Mankind		Within	
Role of Computer Applications in enhancing qulaity of life of people		Within		
4	Dr. Naveen Aggarwal	Professor	Idea/Innovation Development	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)	
		Smart Traffic Light System Using RFID		Within			
		Low cost Indigenously developed Pupillometer for the critical care unit		Within			
		Real Time Vehicle Counting, Classification, and Tracking from CCTV		Within			
		Automatic Cleaning Robot and Grass Cutter		Within			
		Multipurpose Autonomous Drone		Within			
		Automated Water Surface Analyser Boat		Within			
		Rootworkz Learning Platform		Within			
		SpectroPlotter:Low Cost Light Absorbance Plotter		Within			
		Real time Bus Arrival Detector & Announcer at Bus Stops		Within			
		Real time Mobile Air Pollution Analyzer		Within			
		Real time Acoustic Event Classifier		Within			
		Smart Potholes detector using thermal Imaging		Within			
		Person Identifier and GAIT Authenticator using Accelerometer		Within			
5	Dr. Yajvender Pal Verma	Associate Professor	Idea/Innovation Development			10	
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		-		Within			
		-		Within			
		-		Within			
		Autonomous All Terrain Robot Spider Bot for Surveillance /Military Purposes		Within			
		Design Analysis & Fabrication of 1kW Combined Savonius and Darrieus Wind Turbine		Within			
		Energy Harvesting using Ceiling fan rotatory Motion		Within			
		-		Within			
		Rodent Operant Chamber Bucket		Within			
		Artificial Breather		Within			
		Microgrid Test Bed Set-up		Within			
		Virtual Stroboscope		Within			
		Three Leg Robot		Within			
		Portable Mobile Solar Charger		Within			
6	Dr. Prashant Jindal	Assistant Professor	Idea/Innovation Development			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)
		Robotic grass cutter	Within	
		Human bite force measuring device	Within	
		Hand muscle data acquisition glove	Within	
		Dual extrusion 3D printing machine	Within	
		-	Within	
		-	Within	
		CNC Milling Machine	Within	
		-	Within	
		-	Within	
		Clear Dental Aligners	Within	
7	Prof. Manu Sharma	Professor	Idea/Innovation Development	10
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Touch free hand sanitizer designed at DIC, jointly with UIET Workshop	Within	
8	Professor Tirthankar Bhattacharya	Professor	Idea/Innovation Development	10
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
9	Prof. Preeti Mahajan	Professor	Idea/Innovation Development	5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Relationship between Almetrics and Citation Based Metrics: A Study of Library in Physics.	Within	
10	Prof. Rupak Chakravarty	Professor	Idea/Innovation Development	3
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Role of mobile devices in the Enhancement of Library Services: A Study of IITs of Northern India.	Within	
11	Dr. Shiv Kumar	Assistant Professor	Idea/Innovation Development	6
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Use of Web 2.0 Technologies in University Libraries.	Within	
12	Dr. Manish Sharma	Assistant Professor	Idea/Innovation Development	6

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)
	CRITICAL ANALYSIS OF THE CONSTITUTIONAL VALIDITY OF THE DEATH PENALTY IN INDIA		Within	
	GREEN INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) FOR SUSTAINABLE DEVELOPMENT: A STUDY IN GANDHIAN PERSPECTIVE		Within	
	UNIVERSAL BROTHERHOOD AND SOCIAL TRANSFORMATION: RE-READING GANDHI IN THE CONTEXT OF SANT NIRANKARI MISSION		Within	
	UNITED NATIONS ON EDUCATION: WITH SPECIAL REFERENCE TO HUMAN RIGHT EDUCATION (HRE)		Within	
13	Dr. Ashu Pasricha	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SUSTAINABLE ORGANIC APPLE FARMING : A CASE STUDY OF TEHSIL ROHRU DISTRICT SHIMLA, H.P.		Within	
	GOOD GOVERNANCE IN THE CONSTITUTION OF INDIA: A GANDHIAN PERSPECTIVE		Within	
	TRIBAL DEVELOPMENT PROGRAMMES IN HIMACHAL PRADESH WITH SPECIAL REFERENCE TO GADDI TRIBE OF DISTRICT CHAMBA (H.P.)		Within	
	STRUCTURAL VIOLENCE AGAINST WOMEN: ACOMPARATIVE STUDY OF SELECTED COMMUNITIES OF PUNJAB AND HIMACHAL PRADESH		Within	
14	Dr. Jadab Sharma	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Photovoltaic cell		Within	
15	Dr. Akash Katoch	UGC- Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Chemical gas sensor, Heavy metal ion sensor		Within	
16	Dr. Bharat Bajaj	UGC- Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Piezoelectric energy harvesting device		Within	
17	Prof Sukhbir Kaur	Professor	Idea/Innovation Development	22
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Immunotherapeutic Potential Of Bauhinia Variegata And Codonopsis Clematidea Against Murine Visceral Leishmaniasis		Within	
18	Prof Rajinder Jindal	Professor	Idea/Innovation Development	39

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)
Evaluating the efficacy of boerhavia diusa I. Against hexavalent chromium induced toxicity in ctenopharyngodon idellus (cuvier and valenciennes)	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	Dr. Pamela Kumar	Idea/Innovation Development	Unstructured Mentorship				
2	Dr. Rakesh Tulli	Idea/Innovation Development	Unstructured Mentorship				
3	Padamshri Sant Balbir Singh Ji Seechewal/Prof. Raj Kumar Vice-Chancellor, Panjab University	Idea/Innovation Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Celebrations of 550th Birth Anniversary of Guru Na	08-02-2020	08-02-2020	1	3	40	Idea
4	Prof.Sween, DLLL&Ext. P.U. Chd	Idea/Innovation Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	GuruNanak Dev Ji and Women	20-11-2019	20-11-2019	1	3	30	Idea
5	Mr.Sukhwinder Singh Bhinder, Chairman of Youth Development Board, Govt. of Punjab	Idea/Innovation Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Guru Nanak's Teaching and Youth	29-11-2019	29-11-2019	1	3	60	Idea
6	Prof. J.P.Dubey, Professor Delhi University, Prof. Prabha Vig, Dr.P.S. Kang, DLLL and Ext, P.U.	Idea/Innovation Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Status of Life Long Learning with respect to NEP 2	29-10-2020	29-10-2020	1	4	50	Idea
7	Prof.Sween/Prof.Prabha/Dr.P.S.Kang, DLLL&Ext, P.U. Chd	Idea/Innovation Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	7-Day Program on Hands on Training in Extension fo	28-01-2020	04-02-2020	7	12	35	Idea

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 Convert ed 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
1	Portable Mobile Solar Charger	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
Name					Type			Gender		Email			Contact
Dr. Y P Verma					Faculty			Male		ypverma78@gmail.com			9216384592
2	Three Leg Robot	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
Name					Type			Gender		Email			Contact
Dr. Y P Verma					Faculty			Male		ypverma78@gmail.com			9216384592

3	Virtual Stroboscope	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty	Male	ypverma78@gmail.com	9216384592

4	Microgrid Test Bed Set-up	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty and Student	Male	ypverma78@gmail.com	9216384592

5	Artificial Breather	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty and Student	Male	ypverma78@gmail.com	9216384592

6	Rodent Operant Chamber Bucket	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. Y P Verma		Faculty			Male			ypverma78@gmail.com			9216384592		
7	Covid 19 face mask detector model and app	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Prof. Naveen Aggarwal		Faculty			Male			navagg@pu.ac.in			9814865455		
8	Smart watch for tracking and monitoring	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Prof. Naveen Aggarwal		Faculty			Male			navagg@pu.ac.in			9814865455		

9	IoT base air pollution app	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Prof. Naveen Aggarwal	Faculty	Male	navagg@pu.ac.in	9814865455

10	Remote patient monitoring app	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Prof. Naveen Aggarwal	Faculty	Male	navagg@pu.ac.in	9814865455

11	Real Time Machine Monitoring App	Service Innovation	Technological	Design Innovation Centre, Chandigarh	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Prof. Naveen Aggarwal	Faculty	Male	navagg@pu.ac.in	9814865455

12	File & Document Thermal sanitizer	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Y P Verma		Faculty			Male		ypverma78@gmail.com			9216384592			
13	Dual extrusion 3D printing machine	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			
14	Hand muscle data acquisition glove	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			

15	Human bite force measuring device	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			
16	Robotic grass cutter	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			
17	Fruit Dehydrator	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Y P Verma		Faculty			Male		ypverma78@gmail.com			9216384592			

18	Energy Harvesting using Ceiling fan rotatory Motion	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Y P Verma		Faculty			Male		ypverma78@gmail.com			9216384592			
19	Design Analysis & Fabrication of 1kW Combined Savonius and Darrieus Wind Turbine	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Y P Verma		Faculty			Male		ypverma78@gmail.com			9216384592			
20	Autonomous All Terrain Robot Spider Bot for Surveillance /Military Purposes	Process Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Y P Verma		Faculty			Male		ypverma78@gmail.com			9216384592			

21	IoT based Switch to replace existing Modular Switches	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty	Male	ypverma78@gmail.com	9216384592

22	Wearable Piezoelectric Shoe Powered Radiofrequency	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty	Male	ypverma78@gmail.com	9216384592

23	Urja Rath (Hybrid Solar-Rickshaw)	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Y P Verma	Faculty	Male	ypverma78@gmail.com	9216384592

24	CNC Milling Machine	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			
25	Filament Extruding Machine	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			
26	Motion Sensing Glove	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Prashant Jindal		Faculty			Male		jindalp@pu.ac.in			9878881230			

27	E-Rickshaw Android Application	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. Y P Verma		Faculty			Male			ypverma78@gmail.com			9216384592		
28	Clear Dental Aligners	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. Prashant Jindal		Faculty			Male			jindalp@pu.ac.in			9878881230		
Name		Type			Gender			Email			Contact		
Dr. Mamta Juneja		Faculty			Female			mamtajuneja@pu.ac.in			9878677624		
29	Craniofacial/Maxillofacial reconstruction	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. Prashant Jindal		Faculty			Male			jindalp@pu.ac.in			9878881230		

Name		Type							Gender			Email		Contact	
Dr. Mamta Juneja		Faculty							Female			mamtajuneja@pu.ac.in		9878677624	
30	Computer Aided Diagnosis System for Glaucoma and a variety of cancers and medical disorders by using differential Imaging	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No		
	Name		Type							Gender			Email		Contact
	Dr. Prashant Jindal		Faculty							Male			jindalp@pu.ac.in		9878881230
	Name		Type							Gender			Email		Contact
Dr. Mamta Juneja		Faculty							Female			mamtajuneja@pu.ac.in		9878677624	
31	Touch free hand sanitizer designed at DIC, jointly with UIET Workshop	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No		
	Name		Type							Gender			Email		Contact
	Prof Manu Sharma		Faculty							Male			sharma_iitd@yahoo.co.in		1722534966
32	Person Identifier and GAIT Authenticator using Accelerometer	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No		

Name		Type							Gender			Email		Contact
Prof. Naveen Aggarwal		Faculty							Male			navagg@pu.ac.in		9814865455
33	Smart Potholes detector using thermal Imaging	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No		No
Name		Type							Gender			Email		Contact
Prof. Naveen Aggarwal		Faculty							Male			navagg@pu.ac.in		9814865455
34	Real time Acoustic Event Classifier	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No		No
Name		Type							Gender			Email		Contact
Prof. Naveen Aggarwal		Faculty							Male			navagg@pu.ac.in		9814865455
35	Real time Mobile Air Pollution Analyzer	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No		No
Name		Type							Gender			Email		Contact
Prof. Naveen Aggarwal		Faculty							Male			navagg@pu.ac.in		9814865455

36	Real time Bus Arrival Detector & Announcer at Bus Stops	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Naveen Aggarwal		Faculty			Male		navagg@pu.ac.in			9814865455			
37	SpectroPlotter:Low Cost Light Absorbance Plotter	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Naveen Aggarwal		Faculty			Male		navagg@pu.ac.in			9814865455			
38	Automated Water Surface Analyser Boat	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Prof. Naveen Aggarwal		Faculty			Male		navagg@pu.ac.in			9814865455			

39	Multipurpose Autonomous Drone	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Prof. Naveen Aggarwal		Faculty			Male			navagg@pu.ac.in			9814865455		
40	Automatic Cleaning Robot and Grass Cutter	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Prof. Naveen Aggarwal		Faculty			Male			navagg@pu.ac.in			9814865455		
41	Real Time Vehicle Counting, Classification, and Tracking from CCTV	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Prof. Naveen Aggarwal		Faculty			Male			navagg@pu.ac.in			9814865455		

42	Low cost Indigenously developed Pupilometer for the critical care unit	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name	DS T, Gol	No	Grant Amount in Rs	100000	No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	No					
Name			Type			Gender			Email			Contact			
Prof. Naveen Aggarwal			Faculty			Male			navagg@pu.ac.in			9814865455			
43	Smart Traffic Light System Using RFID	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	No	No	No
Name			Type			Gender			Email			Contact			
Prof. Naveen Aggarwal			Faculty			Male			navagg@pu.ac.in			9814865455			
44	A novel design of low cost real time biomass monitor system for photobioreactor based on innovative light evolution kinetic equation	Product Innovation	Technological	BNPU, CIC-B	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	935265	No	No	
Name			Type			Gender			Email			Contact			
Dr. Shailendra Singh Khichi			Incubatee Entrepreneur			Male			shail.khichi@gmail.com			6376845348			

Name		Type							Gender			Email		Contact				
Dr. Rohit Sharma		Faculty							Male			rohit28@pu.ac.in		9914461545				
45	Production of high value commercials using microorganisms	Product Innovation	Technological	BNPU, CIC-B	External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	No	Amount Received in Rs.		240000			
	Name		Type							Gender			Email		Contact			
	Ms. Shivanshi Vashist		Student							Female			shivanshivashist@gmail.com		9888739110			
	Name		Type							Gender			Email		Contact			
Dr. Rohit Sharma		Faculty							Male			rohit28@pu.ac.in		9914461545				
46	Use of agricultural waste (rice straw and wheat straw) as substrate for lipase production and development of an environment friendly and economically viable bioprocess technology for food flavor esters' development	Product Innovation	Technological	BNPU	External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name	India500	Yes	Grant Amount in Rs		1128718	No	Amount Received in Rs.		128996
	Agency Type									Not-Govt. Agencies								
	Award / Position / Recognition Secured									Nomination for India 500 Startup Awards								
	Name		Type							Gender			Email		Contact			
Ms. Tanya Bajaj		Student							Female			tanyabajaj92@gmail.com		9779618282				
Name		Type							Gender			Email		Contact				
Dr. Rohit Sharma		Faculty							Male			rohit28@pu.ac.in		9914461545				

47	Processing of Surplus fruits & vegetables into vinegars through fermentation	Product Innovation	Technological	BNPU	External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	967471	No	Amount Received in Rs.	128996
Name		Type			Gender		Email			Contact					
Mr. Prabhjot Singh Khanna		Incubatee Entrepreneur			Male		prabhkhanna@gmail.com			9780355125					
48	Development of standardized nutritional and functional whey beverage fortified with vitamin D using ultra-high pressure homogenization	Product Innovation	Technological	BNPU	External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	1128717	No	Amount Received in Rs.	128996
Name		Type			Gender		Email			Contact					
Dr. Vasudha Bansal		Incubatee Entrepreneur			Female		vasu22bansal@gmail.com			9855449977					
49	BROE: Beyond Reach of Eyes	Product Innovation	Technological	BNPU	External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	1128717	No	Amount Received in Rs.	128996
Name		Type			Gender		Email			Contact					
Dr. Shweta Mahajan		Incubatee Entrepreneur			Female		shvetamahajan24@gmail.com			9696218778					

50	Diovita: Protein & Fibre rich beverage	Product Innovation	Technological	BNPU	External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	644981	No	128996	
												Grant Amount in Rs		Amount Received in Rs.	
Name			Type			Gender			Email			Contact			
Mr. Satyendra S. Choudhary			Incubatee Entrepreneur			Male			satyen.btech@gmail.com			9696218778			
51	Topical products for dermal disorders	Product Innovation	Technological	BNPU	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No		No	127219	
												Amount Received in Rs.			
Name			Type			Gender			Email			Contact			
Dr. Vandita Kakkar			Faculty			Female			vanditakakkar@pu.ac.in			9877299435			
52	Comparing osteoporotic fragility of patients with and without type 2 diabetes	Product Innovation	Technological	BNPU	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	100000	No	10000	
												Grant Amount in Rs		Amount Received in Rs.	
Name			Type			Gender			Email			Contact			
Dr. Vijay Goni and Dr. Sanjay Kumar Bhadada			Faculty			Male			vijaygoni@gmail.com			01722747585			

53	Development of cost-effective impedimetric immunosensor for MT	Process Innovation	Technological	BNPU, CIC-B	Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 100000	No	Amount Received in Rs. 46000
Name		Type			Gender		Email			Contact			
Prof. Mohan Lal Garg		Faculty			Male		mohan@pu.ac.in			9872336001			
54	Engineering an effective bacterial cancer therapy: Cancer Immunotherapy	Product Innovation	Technological	BNPU, CIC-B	External to the Institute/In cubatee	TRL 3 : Applied research. First labor atory tests completed; proof of concept.	TRL 3 : Applied research. First labor atory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 801935	No	No
Name		Type			Gender		Email			Contact			
Ms. Shruti Nagrath		Student			Female		shruti257nagrath@gmail.com			9041207838			
Name		Type			Gender		Email			Contact			
Dr. Rohit Sharma		Faculty			Male		rohit28@pu.ac.in			9914461545			
55	Development of anti-cancer molecules from natural substances	Product Innovation	Technological	BNPU, CIC-B	External to the Institute/In cubatee	TRL 3 : Applied research. First labor atory tests completed; proof of concept.	TRL 3 : Applied research. First labor atory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name UIP S-PU	No	No	No	No
									Agency Type Edu cational Institute				
									Award / Position / Recognition Secured Best Poster				

Name	Type	Gender	Email	Contact
Ms. Shallu Goyal	Student	Female	shallu54123@gmail.com	9465555573

Name	Type	Gender	Email	Contact
Dr. Rohit Sharma	Faculty	Male	rohit28@pu.ac.in	9914461545

56	Rootworkz Learning Platform	Product Innovation	Technological	Design Innovation Centre, Chandigarh	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	Agency Name Punjab State Council of Science and Technology	Govt. Agency (State)	Award / Position / Recognition Secured nil	Yes	Grant Amount in Rs 50000	Loan/Investment Agency Name Coral Telecom	Agency Type Non-Govt. Agencies	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	10000	Date of Investment Raised 31-03-2020	No
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Name	Type	Gender	Email	Contact
Prof. Naveen Aggarwal	Faculty	Male	navagg@pu.ac.in	9814865455

57	Teaching with Life Long Learning Activities	Service Innovation	Non-Technological	NA	External to the Institute/Incubatee	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	No	No	No	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Director SCERT, Solan University	Faculty	Female	neelamkaushik1964@yahoo.com	01792227330

58	A two component lantibiotic Roseocin from Streptomyces filamentosus NRRL 11379	Product Innovation	Technological	DST-SERB, New Delhi	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name CC AM P CA RB-X	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Special mention by the Grand Jury at CC AM P-AM R QU EST 2020	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr Dipti	Faculty	Female	diptsare@pu.ac.in	9876425470

Name	Type	Gender	Email	Contact
Dr. Mangal Singh	Student	Male	mangal.pu@gmail.com	9416975552

59	Diagnostic kit for in vitro diagnosis of rheumatoid arthritis (RA) and method of use thereof	Product Innovation	Technological	na	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Prof.Archana Bhatnagar	Faculty	Female	bhatnagar.archana@gmail.com	9815502214

Name	Type	Gender	Email	Contact
Dr.Ashish Aggarwal	Student	Male	biochem@pu.ac.in	01722534131

60	Development of one step detection kit for organophosphates	Product Innovation	Technological	PSCST, TIFAC, DST, Govt. of India, New Delhi	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Dr. Neha Singla		Faculty		Female		nehasbph@gmail.com		9888562148					
Name		Type		Gender		Email		Contact					
Dr. Vishal Agrawal		Faculty		Male		avishal31.pu@gmail.com		9888562148					
Dr. Ravi P. Burnwal		Faculty		Male		ravi13pb@gmail.com		8830339953					
Dr. Gurpal Singh		Faculty		Male		gurpalsingh.ips@gmail.com		9871393832					

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20	Had the venture/startup 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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/Incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	Rootworkz Learning	Product Innovation	Technological	273	Student	Venture with Corporate Identification Number (CIN) Registration	8979282	2019-20	Received Incubation Support from Incubation Unit	Agency Name	Punjab State Council of Science and technology	Grant Amount in Rs	50000	Loan/Investment Agency Name	Coral telecom	No	No
									Agency Type	Govt. Agency (State)				Agency Type	Coral telecom		
									Award / Position / Recognition Secured	Recognition				Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	Coral telecom		
														Date of Investment Raised	Coral telecom		

Name	DIN number	Type	Gender	Email	Contact
Utkarskh Khandelwal	AAU-8947	Student	Male	rootworkz@info.in	9888236433

Shubham	0	Student	Male	shubham.narula@gmail.com	6239312213
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2	Kinvac Innovations LLP	Product Innovation	Technological	659	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration	AAP-4027	2019-20	Received Incubation Support from Incubation Unit	Agency Name	India500	Grant Amount in Rs	1128718	No	Amount Received in Rs 128996	No
									Agency Type	Not-Govt. Agencies						
									Award / Position / Recognition Secured	Nomination for India 500 Startup Awards						

Name	DIN number	Type	Gender	Email	Contact
Tanya Bajaj	8460539	Incubatee Entrepreneur	Female	tanyabajaj92@gmail.com	9779618282

Raj Kumar Bajaj	0	Innovator/Entrepreneur External to Institute	Male	shreekanshi19@gmail.com	9017110786
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3	AV Nutricare Pvt. Ltd.	Product Innovation	Technological	659	External to the Institute/ Incubatee	<div style="background-color: #003366; color: white; padding: 5px;"> Venture with Corporate Identification Number (CIN) Registration </div>	U15400CH 2019OPC0 42557	2019-20	Received Incubation Support from Incubation Unit	No	<div style="background-color: #003366; color: white; padding: 5px;"> Grant Amount in Rs </div>	1128717	No	<div style="background-color: #003366; color: white; padding: 5px; writing-mode: vertical-rl; transform: rotate(180deg);"> Amount Received in Rs </div>	128996	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. Vasudha Bansal	8468660	Incubatee Entrepreneur	Female	vasu22bansal@gmail.com	9855449977

4	Microradical 360 Pvt Ltd	Product Innovation	Technological	5556	External to the Institute/ Incubatee	<div style="background-color: #003366; color: white; padding: 5px;"> Venture with Corporate Identification Number (CIN) Registration </div>	U73200CH 2017PTC04 1603	2017-18	Received Incubation Support from Incubation Unit	No	No	No	<div style="background-color: #003366; color: white; padding: 5px; writing-mode: vertical-rl; transform: rotate(180deg);"> Amount Received in Rs </div>	240000	No
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Name	DIN number	Type	Gender	Email	Contact
Shivanshi Vshist	7805655	Incubatee Entrepreneur	Female	shivanshivashist@gmail.com	9888739110

MOHINDER PAUL SHARMA	0	Innovator/Entrepreneur External to Institute	Male	shivanshivashist@gmail.com	9888739110
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5	Mritarch Assiduties Pvt. Ltd.	Product Innovation	Technological	5556	External to the Institute/ Incubatee	<div style="background-color: #003366; color: white; padding: 5px;"> Venture with Corporate Identification Number (CIN) Registration </div>	U24304CH 2018PTC04 2114	2018-19	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>UIPS- PU</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Poster</td> </tr> </table>	Agency Name	UIPS- PU	Agency Type	Educational Institute	Award / Position / Recognition Secured	Best Poster	No	No	No	No
Agency Name	UIPS- PU																			
Agency Type	Educational Institute																			
Award / Position / Recognition Secured	Best Poster																			

Name	DIN number	Type	Gender	Email	Contact
Shallu Goyal	8205648	Incubatee Entrepreneur	Female	shallu54123@gmail.com	9465555573

ANU GOYAL	0	Innovator/Entrepreneur External to Institute	Female	shallu54123@gmail.com	946555573
TANISH GOYAL	0	Innovator/Entrepreneur External to Institute	Male	shallu54123@gmail.com	946555573

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	BDH Industries Ltd. Mumbai	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	23-10-2019
2	M/s. Hitech Formulations Pvt. Ltd. Baddi	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation	0	20-12-2019
3	Prabhat Leathers	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	3	01-07-2019
4	Reliance Industries Limited	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Networking	1	23-01-2020
5	BIRAC, New Delhi	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Incubation,Networking,Seed fund	23	24-04-2014
6	FKOL	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Networking	6	16-12-2016
7	PHD Chamber of Commerce & Industries (PHDCCI)	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	0	10-05-2018
8	The Institute of Company Secretaries of India, New Delhi	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	18-06-2016
9	Defence Institute of Physiology & Allied Sciences, New Delhi	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	19-02-2016
10	National Inst. Of Advaced Industrial Sci. & tech acting through its Biomedical Research Institute, Japan	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	02-11-2015
11	Sarbat Da Bhala Charitable Trust, Patiala	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	12-01-2016
12	Institute of Nanoscience & Tech. (INST), Mohali	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	01-08-2015
13	Antioch University Seattle (USA)	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	08-03-2016
14	Future Hitech Batteries Ltd, SAS Nagar Punjab	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	14-05-2016
15	Julius Maximilian University of Wurzburg, Germany	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	08-04-2016

16	Terminal Ballistics Research Laboratory, Sec-30, Chandigarh	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	24-2-2016
17	The Foundation Le Corbusier, Paris, France	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	24-02-2016
18	Valaya Alongkorn Rajabhat University Under the royal Patronag, Thiland	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	25-11-2015
19	Cosmic Ray Laboratory, (CRL), TIFR, Ooty	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	31-5-2016
20	Deakin University, Australia	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	24-5-2016
21	Saitama University, Japan	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	29-5-2016
22	Institute for Protien Research, Osaka University	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	30-01-2017
23	ALLAMRH TABATABA'I UNIVERSITY, ISLAMIC REPUBLIC OF IRAN	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	28-09-2016
24	Univerity of the Faser Valley (UFV) Abbotsford, Canada	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	22-03-2017
25	Pepperdine University, School of Law, The Starus Institute for Dispute Resolution, US	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	23-03-2017
26	Memorial University of Newfoundland	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	09-01-2017
27	Florida Polytechnic University	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	20.04.2017
28	Indian Academy of Sciences, Bangaluru	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	01.09.2016
29	Semi-Conductor Laboratory, Dept. of Space, Gol, S.A.S. Nagar Punjab	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	04.09.2017
30	Dept. of Sceience and Technology(DST) Gol New Delhi	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	31.07.2017
31	IC-IMPACTS centre of Excellence (Univ. of British Columbia) Vancouver CANADA	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	15-11-2017
32	Punjab Heritage and Tourism Promotion Board(PHTPB), Chd	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	16-01-2018
33	Nottingham Business School of Nottingham Trent University	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	27-11-2017

34	VAV Life Sciences Pvt. Ltd. Mumbai Maharashtra	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	30-11-2017
35	Homi Bhabha National Institute	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	31-12-2017
36	NTESS (Sandia LLC)	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	20-06-2018
37	Min. of HRD, Dept. of Edu Gol Hunsar Rd, Manasagangotri Mysuru	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	23-02-2019
38	Univesal Scientific Education and Research Network (USERN)	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	22-02-2019
39	Institute of vedic and astrological Sciences	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	24/05/2019
40	Nottingham Trent University Nottingham	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	28/03/2018
41	Esteem Industries Baddi Chd	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	22-06-2019
42	Indian Council of Agricultural Research, New Delhi	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	20/7/2019
43	Chandigarh Police	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	30/07/2019
44	cPunjab Remote Sensing Centre	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	07-08-2019
45	Finamics Engineering, Rajpura, Punjab	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	12-08-2019
46	London School of Management Education	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	22-06-2019
47	AIGen Therapeutics Pvt Ltd, Faridabad Gurgaon	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	16-12-2019
48	Western Sydney University Australia	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	25-09-2019
49	ICMR Centre for Innovation and Bio-Design PGI	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	03-12-2019
50	Nottingham Trent University	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	0	03-10-2019

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	A Nosode from a Protozoan of the Genus Leishmania and the process of preparation thereof	201811009785	National	2019 - 06	Uploaded
2	A nosode from a protozoon of the genus Plasmodium and the process of preparation thereof	201811009598	National	2019 - 06	Uploaded
3	A synthetic Peptide Possessing Antimicrobial and Anticancer Properties.	202011015631	National	2019 - 04	NA
4	Novel process of production of 2-Hydroxybenzoic acid from 2-Hydroxybenzotrile using a transformed	201911027001	National	2019 - 05	NA
5	Novel scale-up bioreactors for multiple process optimizations	201911026938	National	2019 - 05	Uploaded
6	Solid lipid nanoparticles of curcumindressing	PCT/IB2019/06	International	2019 - 11	NA
7	Orally dispersible taste masked formulations of bitter drugs	201911048645	National	2019 - 11	NA
8	Probiotic and curcumin wound dressing	202011004849	National	2020 - 02	NA
9	ANTI-BIOFOULING COMPOSITION AND USES THEREOF	202011003836	National	2020 - 01	NA
10	A Process for the production of laccase enzyme and of pulp biobleaching employing said enzyme	202011001901	National	2020 - 01	NA
11	A ovel nosode from a protozoon of the genus Plasmodium and the process of preperation there of	PCT/IN2019/05	International	2019 - 12	Uploaded
12	Enzyme based hair dye formulation	201911030032	National	2019 - 07	Uploaded