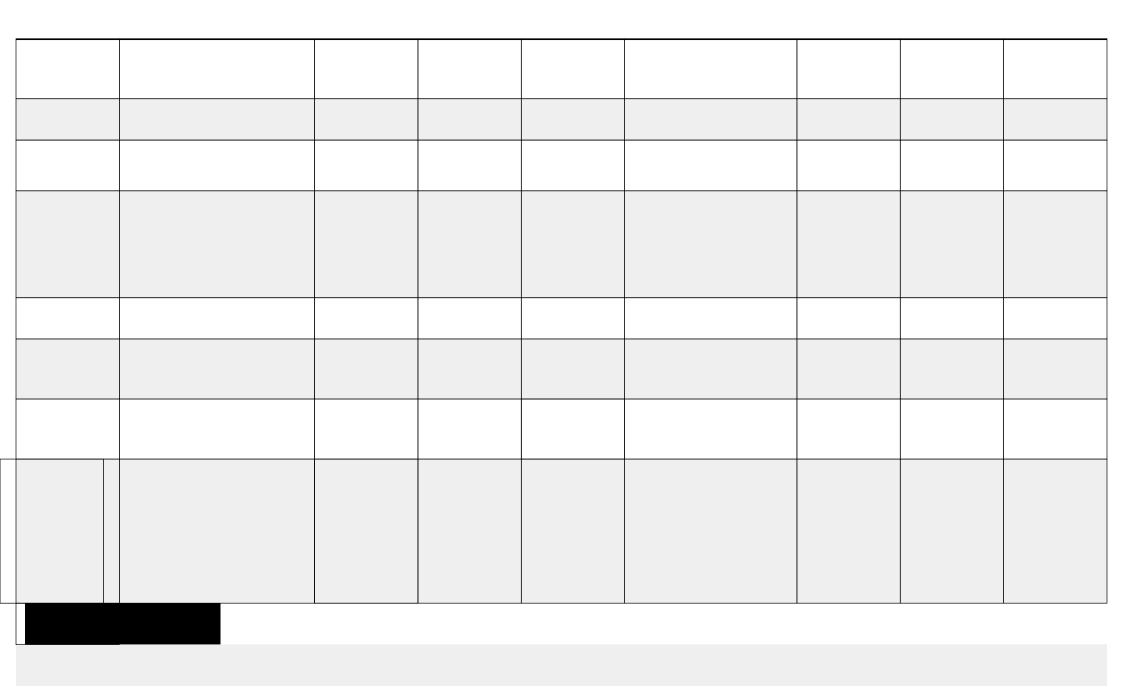


List all the departments / centers / units are part of innovation and startup ecosystem of the institite Dept strengthen the field of Basic Medical Sciences of PU. It originated with Electro-Physiology, Radiation Biophysics and Electron Microscopy. Apart from the traditional areas in Biophysics Dept had put in efforts to move into new emerging areas such as Bioinformatics, Academic Department with lab facility Department of BIOPHYSICS

List all the departments / centers / units are part of innovation and startup ecosystem of the institite Science & History



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

List all the dep	partifients / centers / units are pa	it or innovation t	and Startup ccos	yatem or the ma	titito			
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

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

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, Kinanthorpometry, 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								

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

70	Centre for Industry Institute Partnership Programme		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, nonformal, 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)		

1	Intern Fair 2019	Entrepre neurship/ Startup	Start-up Conclave	Institute Lead Activity	Universit y Institute of Engineeri ng and Technolo gy Panjab Universit y Chandiga rh	13-04-20 19 00:00:00	14-04-20 19 00:00:00	2	Within Campus	40	5	2	2	49	Z8500 Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
2	Orientatio n Program me for GCET Jammu Students	Entrepre neurship/ Startup	Awarene ss	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	11-07-20 19 00:00:00	13-07-20 19 00:00:00	3	Within Campus	0	5	80	20	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
3	Expert lecture on "Power Quality Issues in Power Systems"	Innovatio n	Awarene ss	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	19-08-20 19 00:00:00	19-08-20 19 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
4	Expert Talk on Vaccine Formulati on	Innovatio n	Mentorin g Session	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	28-08-20 19 00:00:00	28-08-20 19 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
5	Expert lecture " Fuggy Logic and Applicatio n	Innovatio n	Awarene ss	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	29-08-20 19 00:00:00	29-08-20 19 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

6	Seminar on Emerging Research trends in Nanotech nology for Engineer s	Entrepre neurship/ Startup	Seminar	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	23-09-20 19 00:00:00	23-09-20 19 00:00:00	1	Within Campus	80	20	10	10	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
7	Worksho p on Spectros copy	Innovatio n	Worksho p	Institute Lead Activity	Universit y Institute of Engineeri ng Technolo gy, Panjab Universit y, Chandiga rh	09-10-20 19 00:00:00	09-10-20 19 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
8	CANNAB LE 3.0	Innovatio n	Boot camp	Institute Lead Activity	UIET PU Chandiga rh	12-10-20 19 00:00:00	12-10-20 19 00:00:00	1	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
9	Expert Lecture on Innovatio ns	Innovatio n	Mentorin g Session	Institute Lead Activity	UIET PU Chandiga rh	14-10-20 19 00:00:00	14-10-20 19 00:00:00	1	Within Campus	40	5	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
10	Expert Lecture on Innovatio n Day	Innovatio n	Mentorin g Session	Institute Lead Activity	UIET PU Chandiga rh	16-10-20 19 00:00:00	16-10-20 19 00:00:00	1	Within Campus	50	80	20	20	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
11	Expert Lecture on "Robotics 2 Rural Innovativ e teaching and Research Approach es	Innovatio n	Awarene ss	Institute Lead Activity	UIET PU Chandiga rh	22-10-20 19 00:00:00	22-10-20 19 00:00:00	1	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI UIET PU Carribu20 Carribu20 Carribu20 Campus Within 50 20 10 10 90 Cagndiga 1 2060 77/23031 22h5301174h 0 0 0 0 rg (00:174) 174 (0) 174 (0) 174 (0) 174 (0) 175 (0) 1 Catitptes Lead Activity Awarene ss Expert lecture 00:00:j 0 g ET B Innovatio on Issues and challenge s in Wireless Communi cation

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI Expert Lecture on CRDi Technolo gy Awarene ss Institute Lead Innovatio

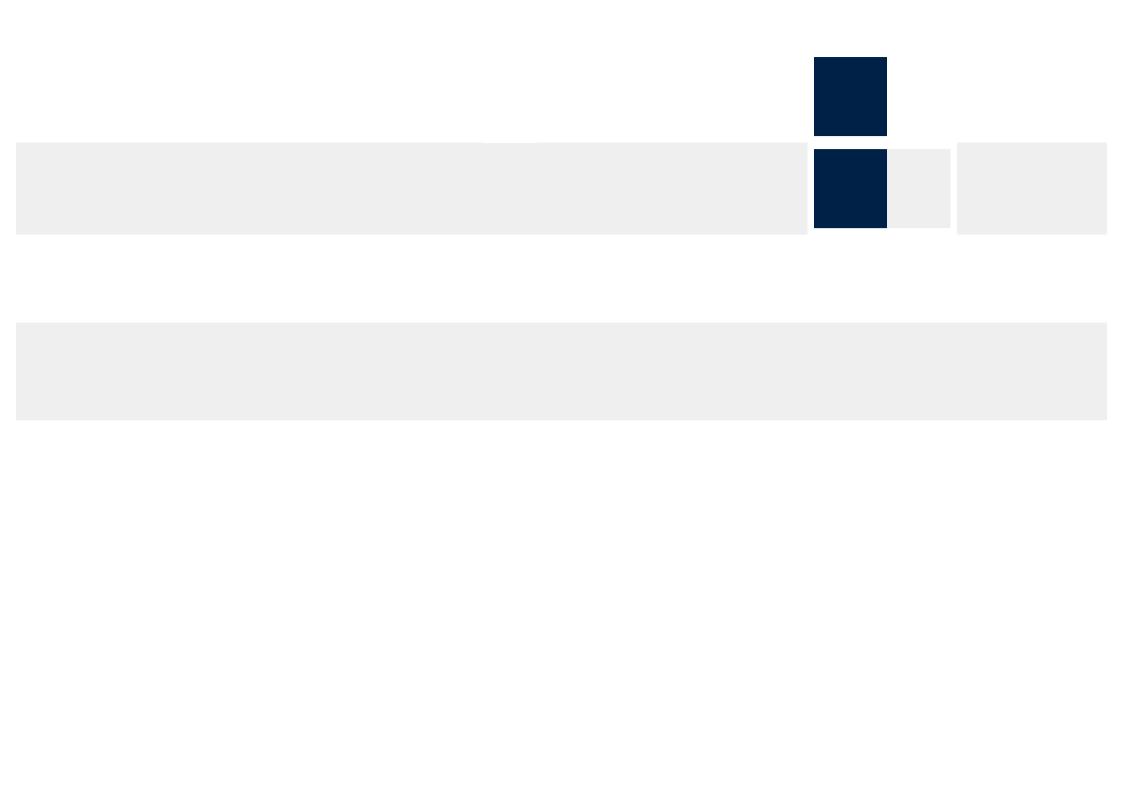
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26	"Mainten ance of computer hardware software and networkin g" Worksho p	Innovatio n	Mentorin g Session	Institute Lead Activity	UIET PU Chandiga rh	19-02-20 20 00:00:00	19-02-20 20 00:00:00	1	Within Campus	20	70	0	30	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
27	Expert Lecture on Demand Side Manage ment	Innovatio n	Awarene ss	Institute Lead Activity	UIET PU Chandiga rh	12-03-20 20 00:00:00	12-03-20 20 00:00:00	1	Within Campus	0	30	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
28	Worksho p on Design and Innovatio n	Entrepre neurship/ Startup, Innovatio n	Worksho p	Institute Lead Activity	UIET PU Chandiga rh	08-06-20 19 00:00:00	09-06-20 19 00:00:00	2	Within Campus	80	150	20	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
29	Principles of Design	Innovatio n	Mentorin g Session	Institute Lead Activity	UIET PU Chandiga rh	25-06-20 19 00:00:00	29-06-20 19 00:00:00	5	Within Campus	100	80	10	20	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
30	Whole Mouth Health- Current Status and Future Direction s	Innovatio n	Mentorin g Session	Institute Lead Activity	UIET PU Chandiga rh	08-07-20 19 00:00:00	12-07-20 19 00:00:00	5	Within Campus	50	20	10	10	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
31	One Week Seminar Camp on Tinkerabl e Projects"	Innovatio n	Seminar	Institute Lead Activity	UIET PU Chandiga rh	17-11-20 19 00:00:00	17-11-20 19 00:00:00	1	Within Campus	50	100	0	50	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
32	Startup and Incubatio n Worksho p in Medical Devices & Restorati ve Technolo gy	Innovatio n	Worksho p	Institute Lead Activity	Panjab Universit y, Chandiga rh	15-02-20 20 00:00:00	15-02-20 20 00:00:00	1	Within Campus	80	150	20	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

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33	Practical exposure regarding the developm ent of a pilot plant and its expansion into fully fledged unit. Innate informati on on the wet and dry granulati on procedur es, tableting and capsule filling was practicall y demonstrated via the means of establish ed	Innovatio n	Exposure visit	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	11-06-20 19 00:00:00	12-06-20 19 00:00:00	2	Within Campus	50	2	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		No
34	Role of Separatio n Technolo gies in Setting Pharmac opoeia Standard s	Entrepre neurship/ Startup	Worksho P	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	23-09-20 19 00:00:00	23-09-20 19 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		No
35	Chemical Fingerpri nting of Ayurvedi c Drugs & Formulati ons by HPTLC/H PLC	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	23-09-20 19 00:00:00	23-09-20 19 00:00:00	1	Within Campus	40	20	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		No
36	Flash Chromat ography	Entrepre neurship/ Startup	Worksho p	Student Lead Activity	Institution Innovatio n Council (IIC), UIPS	24-09-20 19 00:00:00	24-09-20 19 00:00:00	1	Within Campus	30	7	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)		No
37	HPTLC - Basics, HPTLC, Demonstr ation and Hands-on on HPTLC	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	24-09-20 19 00:00:00	24-09-20 19 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	0	No

Secti		Details of								and Entre	epreneur	snip/Sta	rt-up Cor	nauctea k	by the HEI	
38	POPULA R LECTUR E on "Drug Misuse among youth: Impact and life skills for preventio n"	Entrepre neurship/ Startup	Worksho p	Institute Lead Matiningsub & E	Institution Innovatio 15n1(63)nu(ins (IIC), UIPS	25-09-20 19 ti no i: ao ; T)00 g	25-09-20 19 10 0 :00:0205.	1 7BT 1 63hT E	Within Campus 3T 1 63	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
39	Method	Entrepre neurship/ Startup	Worksho p	Institute Lead Austiv5tØ17m	Institution Innovatiolns /F2 7 Tf 0 0 (stitution 0 rg (Inst.205	.77 46/ 7 Tf 0	0 0 rg (0 ET	BT 1 0 0 1 20)5.77 444 Tm	97 482 Tm (0 0 rg (and a	77 444 Tm 9	7 482 Tm 0 0	C rg (a1 53 od)Tj8 <mark>e</mark> thod)Tj8ethoE	7 1 rg (Incurred by)Tj 0 g 1 0 0 1 2d)Tj8eth

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45	new perspecti ve building in the limitless domain of pharmac ology and developm ent of novel therapies	Innovatio n	Awarene ss	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	23-10-20 19 00:00:00	23-10-20 19 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.	Innovatio n	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	25-11-20 19 00:00:00	25-11-20 19 00:00:00	1	Within Campus	30	4	0	0	34	No	No
47	Novel Drug Discoveri es and Polymer- Linked Prodrugs for Colon Cancer	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	27-01-20 20 00:00:00	27-01-20 20 00:00:00	1	Within Campus	180	20	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
48	Applicatio ns of Radiopha rmaceutic als in Medicine	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	27-01-20 20 00:00:00	27-01-20 20 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
49	Technolo gies in Molecular Modeling for Drug Design, Discover y and Develop ment	Entrepre neurship/ Startup	Worksho P	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	29-01-20 20 00:00:00	29-01-20 20 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
50	The past, present and future of quinoline based antimalari al drugs	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	29-01-20 20 00:00:00	29-01-20 20 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

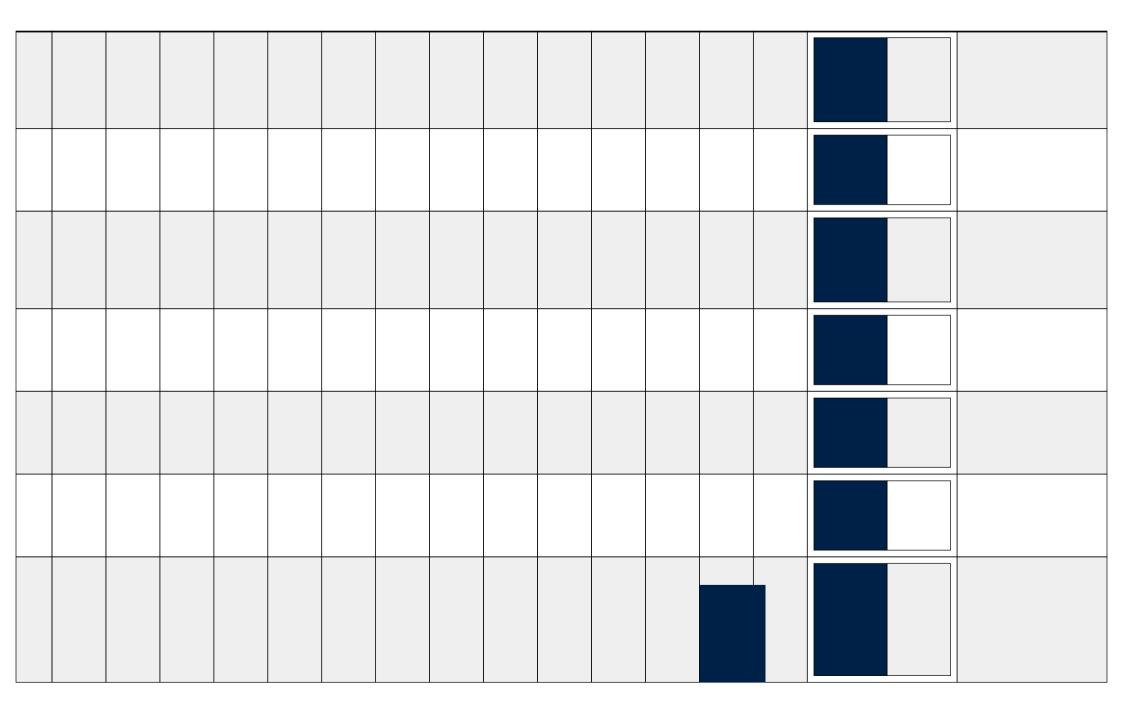
51	on 1 > i : Drug Discover	Entrepre	Worksho p	Institute Lead	Institution Innovatio	29-01-20 20	29-01-20 20	1	, ii i					50	Total Expense 7000	No
	y in Era of Artificial Intelligen ce	neurship/ Startup		Activity	n Council (IIC), UIPS	00:00:00	00:00:00								Amount Incurred by Institute to Organise the Program (In Rupees)	
52	1. Basics of NMR, 2. 2D NMR in Structural Elucidatio n	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	30-01-20 20 00:00:00	30-01-20 20 00:00:00	1	Campo						Total Expense 8500	No
53	Persisten ce of Multi Drug Resistant Bacterial Pathogen s against antibiotic s	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Institution Innovatio n Council (IIC), UIPS	31-01-20 20 00:00:00	31-01-20 20 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
54	Valedicto ry Lecture on "Phytoph armaceutry	0														

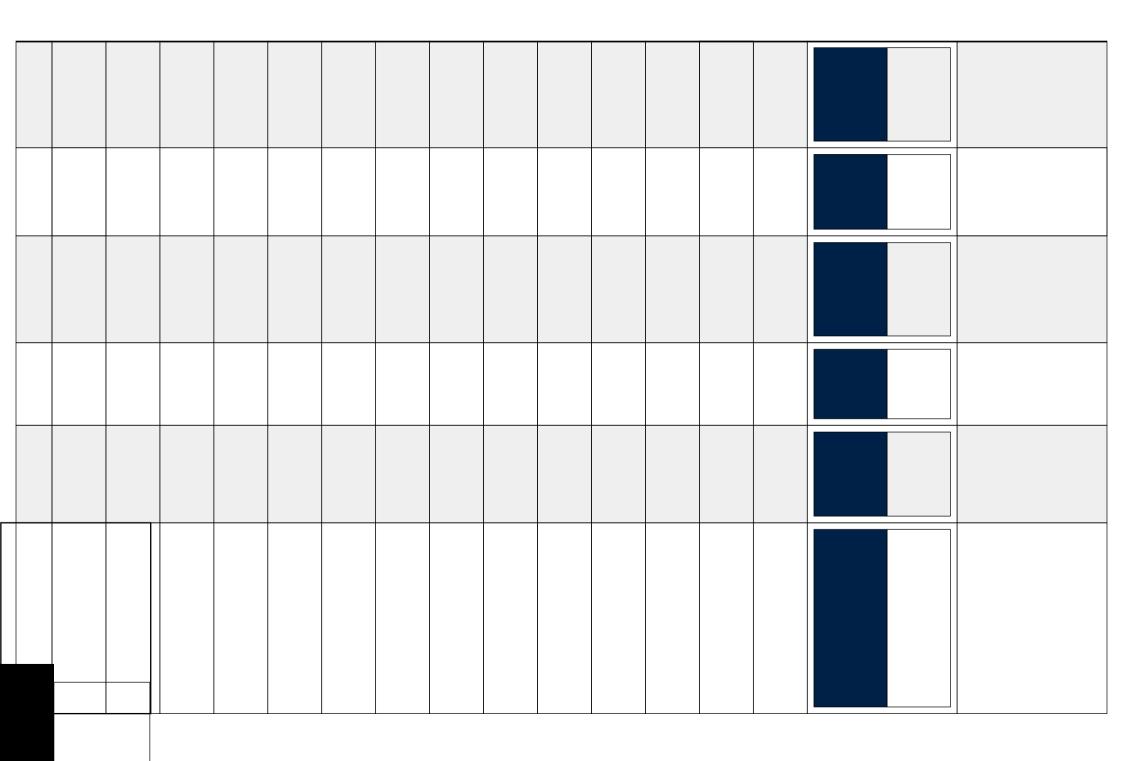


69	Plastic Tide Turner Challeng e	IPR	Awarene	Institute Lead Activity	Departm ent Community Educatio n and Disability Studies, Panjab University chandigarh organies In partnersh ip with WWF-India and UN Environm ent in Collaboration with state legal serivces authority, UT, Chandigarh, Department of Environm ent Chandigarh						

71	Intensive Training Worksho p on Essential s of Child Psycholo gy	IPR	Worksho p	Institute Lead Activity	Psychow aves in associati on with Departm ent of Communi ty Educatio n and Disability Studies, Panjab Universit y, Chandiga rh	05-09-20 19 00:00:00	07-09-20 19 00:00:00	3	Within Campus	0	5	60	0	65	No	No
72	Certified Training on Cognitive Behavior al Therapy	IPR	Training	Institute Lead Activity	Psychow aves in associati on with Departm ent of Communi ty Educatio n and Disability Studies, Panjab Universit y, Chandiga rh	05-10-20 19 00:00:00	06-10-20 19 00:00:00	2	Within Campus	0	4	70	0	74	No	No
73	Ved Ki Vishwatm ak Drishti	Innovatio n	Seminar	Institute Lead Activity	Dayanan d Chair for Vedic Studies	20-11-20 19 00:00:00	20-11-20 19 00:00:00	1	Within Campus	38	1	29	2	70	No	No
74	One-day Worksho p on 'Patents' and 'Copyrigh ts'	IPR	Worksho p	Institute Lead Activity	DST- Centre for Policy Research at Panjab Universit y, Chandiga rh	08-02-20 20 00:00:00	08-02-20 20 00:00:00	1	Within Campus	70	0	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
75	'Roundta ble Meet' entitled Challeng es in Technolo gy Commerc ialization	Innovatio n	Seminar	Institute Lead Activity	DST- Centre for Policy Research at Panjab Universit y, Chandiga rh	01-02-20 20 00:00:00	01-02-20 20 00:00:00	1	Within Campus	70	0	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
76	Hands-on Training in Patent Search and Filing	IPR	Training	Institute Lead Activity	DST- Centre for Policy Research at Panjab Universit y, Chandiga rh	29-09-20 19 00:00:00	29-09-20 19 00:00:00	1	Within Campus	5	30	5	35	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

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77	Pre- Screenin g Meeting of Agro- Tech Proposal s	Innovatio n	Conferen ce	Institute Lead Activity	Technolo gy Develop ment Transfer Program me, DST, Gol at Indian Institute of Technolo gy Delhi	11-07-20 19 00:00:00	12-07-20 19 00:00:00	2	Outside Campus	0	5	35	5	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
78	5th Worksho p on Manage ment of Biomass (Agri- waste and Municipal -waste) into Bio- resource s	Innovatio n	Worksho p	Institute Lead Activity	DST- Centre for Policy Research at Panjab Universit y, Chandiga rh	23-04-20 19 00:00:00	23-04-20 19 00:00:00	1	Within Campus	50	0	50	0	100	No	No
79	Inter Universit y Declamat ion Contest	Innovatio n	Innovatio n Contest	Institute Lead Activity	Departm ent of Sanskrit	04-03-20 20 00:00:00	04-03-20 20 00:00:00	1	Within Campus	80	1	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
80	7-Day National Worksho p on Basic and Applied Techniqu es in Life Sciences	Innovatio n	Worksho p	Institute Lead Activity	Departm ent of Zoology, Centre for Advance d Studies (UGC), PU, Chandiga rh	18-02-20 20 00:00:00	25-02-20 20 00:00:00	8	Within Campus	5	15	20	8	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
81	Internatio nal Conferen ce on Imminent Concerns and Applicatio ns (ICONIC A-2020): Next Generati ons paradigm s in Health															



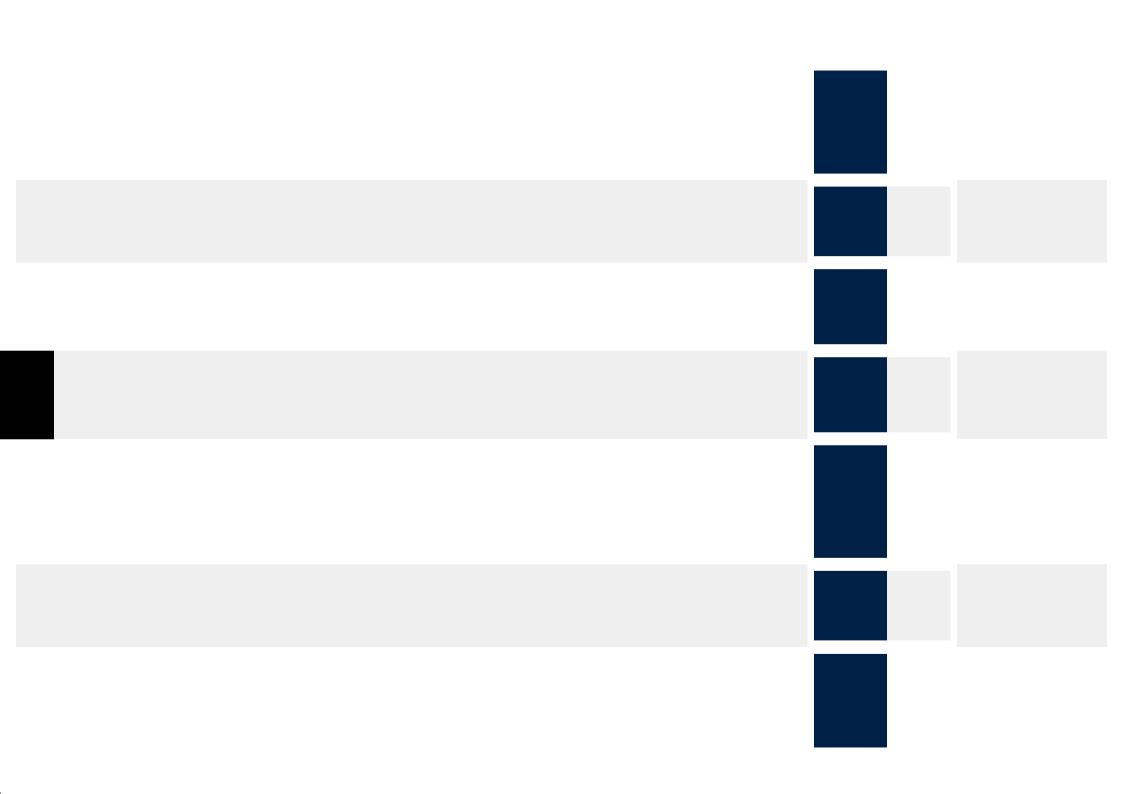


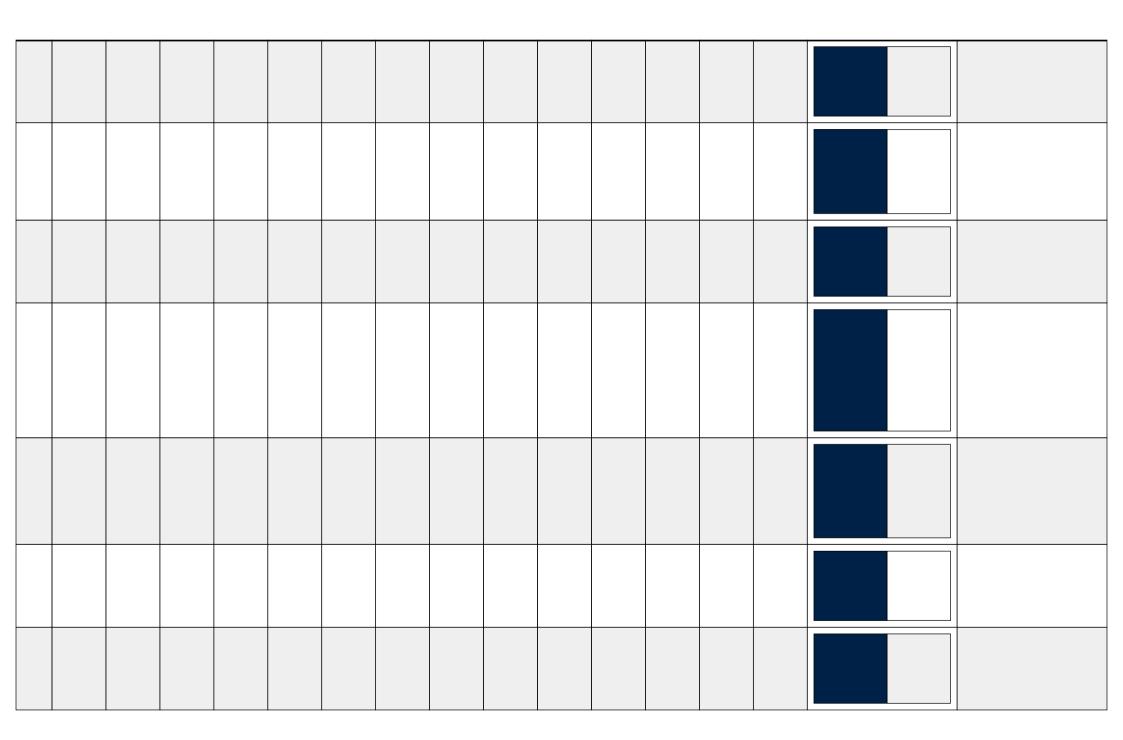
Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

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34	Internatio nal conferen ce on Nanoscie nce and nanotech nology (ICNAN 2019)	Innovatio n	Conferen ce	VIT, Vellore	Educatio nal Institute	04-12-20 19 00:00:00	06-12-20 19 00:00:00	3	0	1	1	No		 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
35	National Organic Symposi um Trust	Innovatio n	Awarene ss	Udaipur	Govt. Agency (Central)	04-12-20 19 00:00:00	07-12-20 19 00:00:00	4	0	1	1	No		 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
36	Worksho p on SPSS training program	Innovatio n	Training	Deptt of Statistics, Panjab Universit y, Chandiga rh	Educatio nal Institute	04-12-20 19 00:00:00	12-12-20 19 00:00:00	9	0	1	1	No		 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
37	Professio nal developm ent program me	Innovatio n	Training	IIM Jammu	Educatio nal Institute	06-12-20 19 00:00:00	07-12-20 19 00:00:00	2	0	1	1	No		 TotalTotal 15000 Expense Amount Incurred by Institute? (In Rupees)	No
38	Internatio nal conferen ce on Technolo gy for education	Innovatio n	Conferen ce	Goa Universit y	Educatio nal Institute	09-12-20 19 00:00:00	11-12-20 19 00:00:00	3	0	1	1	No	1	 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
39	3 Days AICTE Examinat ion Reforms Training workshop	Innovatio n	Training	Vasant Kunj New Delhi	Educatio nal Institute	09-12-20 19 00:00:00	11-12-20 19 00:00:00	3	0	1	1	No		 TotalTotal 15000 Expense Amount Incurred by Institute? (In Rupees)	No
40	3 Days AICTE Examinat ion Reforms Training workshop	Innovatio n	Awarene ss	NITTTR, Chandiga rh	Educatio nal Institute	09-12-20 19 00:00:00	11-12-20 19 00:00:00	3	0	1	1	No		 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	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

<u> </u>	Otate, I	ational a	1101 (01) 1	- Itorriatio		· (Organi	Lou by L	- Xtorriar t	or garniza	10110, 00	11 10 7 1110					
41	QIP Short Term Course on Artificial Intelligen ce and Fuzzy Systems Theories, Concepts and its Applicatio n	Innovatio n	Start-up Conclave	IIT Kanpur	Educatio nal Institute	09-12-20 19 00:00:00	13-12-20 19 00:00:00	5	0	1	1	No			25000 TotalTotal Expense Amoun6j 0 g Incurred by Institute? (In Rupees)	No
42	Short term course on Manchine Learning for Engineeri ng Applicatio n	Innovatio n	Start-up Conclave	IIT Delhi	Educatio nal Institute	09-12-20 19 00:00:00	13-12-20 19 00:00:00	5	0	1	1	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
43	Biotech Ignition Grant - 15-TEP meeting presentat ion	Innovatio n	Awarene ss	KIIT, TBI, Bhubane swar	Educatio nal Institute	14-12-20 19 00:00:00	14-12-20 19 00:00:00	1	0	1	1	No			TotalTotal 15000 Expense Amount Incurred by Institute? (In Rupees)	No
44	Internatio nal conferen ce on Advance d Networks and Telecom municatio n system	Innovatio 0 1 17 333	Tm /F2 7 Tf (0 0 r Tm 0 0	0 rg (Ignition)Tj ET BT 1 (0 1 593.28	535 Tm /F2 7	Tf 0 0 0 rg (-)Tj 0 1 1n 7	' Tf 0 0 0 rg (-	21 Tm 1 1 1	rg (Expense)Tj7 486 Tm 0	0 0 rg (ce atoTS319 Tm 0 0 0 rg {s	war)T 0 1 1n 7 Tf 0 0 Pilani, KK319 Tm





ALL INDIA DIC MEET 2019	Innovatio	Exposure visit	SPA New Delhi	edities/State and Leve	11-04-20 19 00:00:00	12-04-20 19 00:00:00	2	21				

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	8	Bioscienc es	InnovatioHF	RDC) the HEI							
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Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

87	Antiplas modial efficacy of Chininum	Innovatio n	Conferen ce	CCRH, NEW DELHI	Govt. Agency (Central)	11-01-20 20 00:00:00	12-01-20 20 00:00:00	2	0	1	1	No	 	No	No
	Chininum sulphuric um 30C in vitro and in vivo														
	studies in HOMOE OPROPH YLAXIS A WORLD														
	WIDE CHOICE FOR DISEASE PREVEN TION														

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Section 2	> 1 : List the Acaden	ilic Programs on illi	ovation, in a	na Entreprene	ursnip Dev	elopilient c	mereu Dun	ing the Acadei	ilic Period (20	19-20)	
Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centr e/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 Short ter0	1925341986632668h281 Tm /F2 7 Methodlogy Biosafety and IPR	T1R0R25A3321.89 281 Tm /F2	7 Efective20 of e27.98 : Credit Course	2847h10m /F2 7 Tf0 0 r	g (Pena)Trneng ET of Biochemistry PU Chandigarh	B07140 0-02 012 3 6.8	2.23601-0161+2.015220 of L	ife 82 2 g ET BT 1 0 0 d	%2xff0rde 35j 0 g 1 0 0	1 3L(2)ns o ET BT21 (060 32 0 1 350 g 1 0 0 1 43. he
3	B Sc Hons	Innovation	Full time Program	Bachelor	Botany	01-07-2019	30-06-2020	366	Offline	75	30
4 100	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
•00	0.57 31.57 33 50	F	01 11 04 05 100	200 F 217 L (C)							
6 66	2 Maxids DetailionaP@grave in Cosmetology and Skin Care	Entrepre neurship/Startup	Official 1 204.30	250 Tillott ong (onort	1010 1 20/1002 1.	JO 201 TIII /1 2 T	11 0 1 02 1.0200	morrorig (orion toro	- 0 19 (F112) 1} 0 9 ≡ 1	B1 1 0 0 1 354.96 18	5 Tm/F2 of Life Log ET BT 1 U

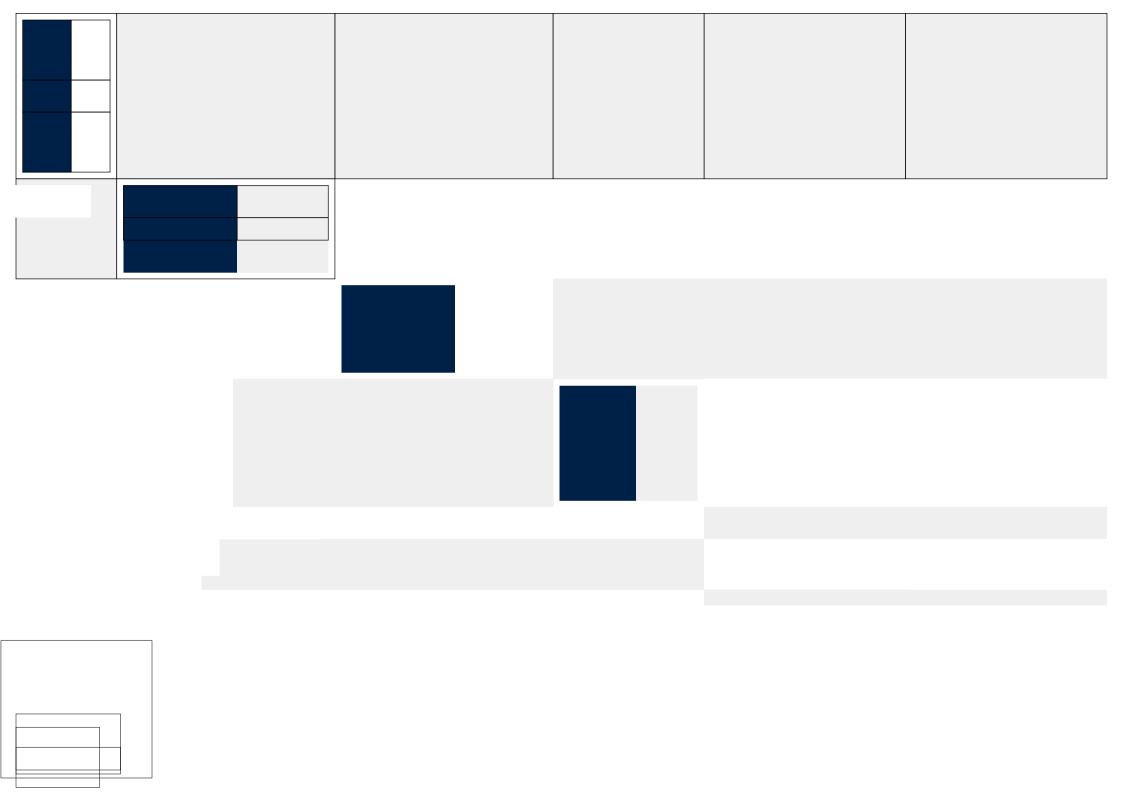




	40	D (0 H) 1 0 1	005 1457	B (· ·
Highest degree name in I&E and IPR Degree Type PhD PhD	10	Prof. Sukhwinder Singh	CSE- UIET	Professor	Yes
Year of Highest degree in I&E and IPR					
No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2005	11	Prof. Sakshi Kaushal	CSE- UIET	Professor
Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2009	12	Prof. Sarbjeet Singh	CSE- UIET
Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2009	13	Prof. Amrinder Pal Singh
Mechanical - UIET	Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2014	14
Dr. Inderdeep Kaur	IT- UIET	Associate Professor	Yes	No	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 2018
				Yes	

Highest PhD degree name in I&E and IPR	16	Dr. Manoj Kumar Sharma	EEE- UIET	Associate Professor	Yes
Degree PhD Type					
Highest degree nate 0 0 1 58.39 4 and IPR	99 T435rg (22I&E)Tj 0 g 1				
No	Highest degree name in I&E and IPR Degree Type PhD	17	Dr. Shankar Sehgal	Mechanical - UIET	Associate Professor
Was	Year of Highest degree in I&E and IPR				
Yes	No				
		Year of Highest degree in I&E and IPR 2016			





Dr. Klammer 1799-70 DST-Centre for Polity Research Pagisto	Training Name	Training T	Theme Type of 0	Course Training Agency Name	Training Agency Մழ761.137 22	Training Start 2CR 71 (Date 35 0 1	Training End 614.88 5 ©at eTm /l	Training Duration F2 7 Tf 1 (iiī/6 2 al) s .)4 163	ing Node of Delivery	35	
Highest difee that the mean of	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		
flame m	Dr. Radnika Trikha D	 DST-Centre for Policy Rese University Scale ametig (£) 13:	earch Panjab 850. ET BT 1 0 0 1 256.1	Senior Policy Fellow 1 508 Tm /F2 7 Tf 0 0 0 rg (Y	e91j 0 gj 0 g 1 0arh)Tj	Yes 0 gSr Scinjaist C 508	3 Tm /F2 7 Tf 0 0 0	Yes 1 rg (Ye91j 0 gj 0 g 1 0ar	h)Tj 0 g33 454.5 Tm /F	2 7 Tf 1 1 rg (3591j 0 gj	0 g 1 0arh)Tj 0 g33 454.5
	Highest offee hame in										

Training Name		



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	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 1996	77
Dr Karan Vasisht	UIPS	Professor	Yes	No	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 1990 1990
78	Dr O.P. Katare	UIPS	Professor	Yes	No
Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	79	Dr Bhupinder Singh Bhoop	UIPS	Professor	Yes
and IPR					

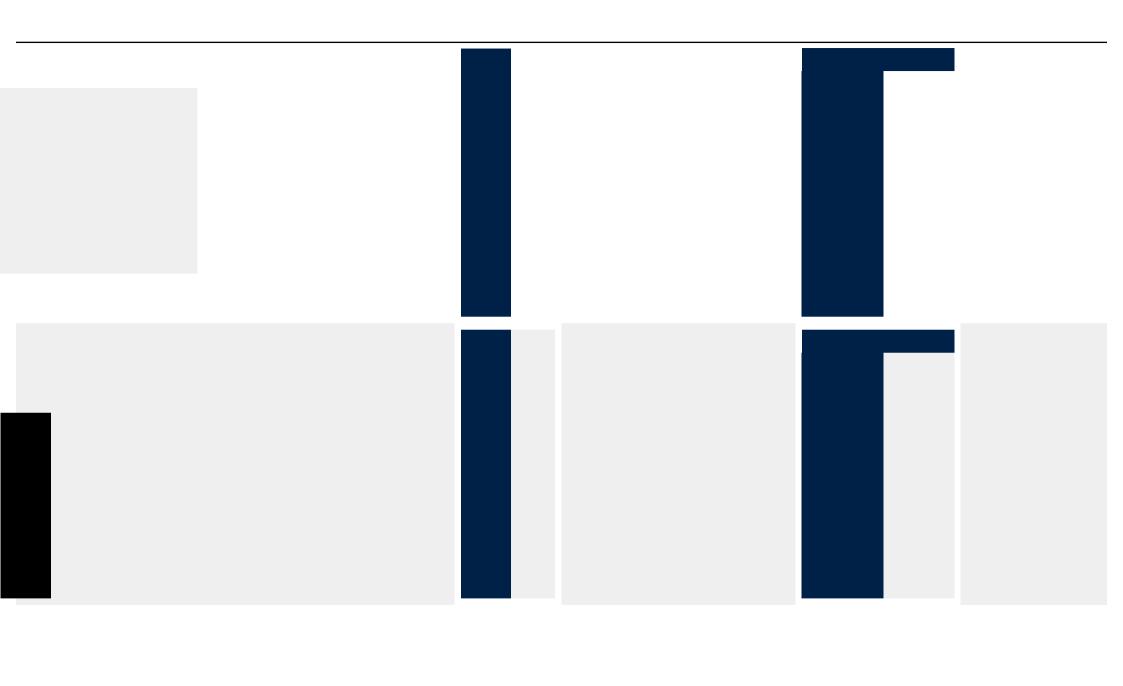
No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2015	80	Dr Renu Chadha	UIPS	Professor
Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR	81	Dr Kanwaljit Chopra	UIPS
Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR	82	Dr Anupam Sharma
UIPS	Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 1990 IPR	83
Dr Manoj Kumar	UIPS	Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 1990
84	Dr Anil Kumar	UIPS	Professor	Yes	No
Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	85	Dr Ranju Bansal	UIPS	Professor	Yes

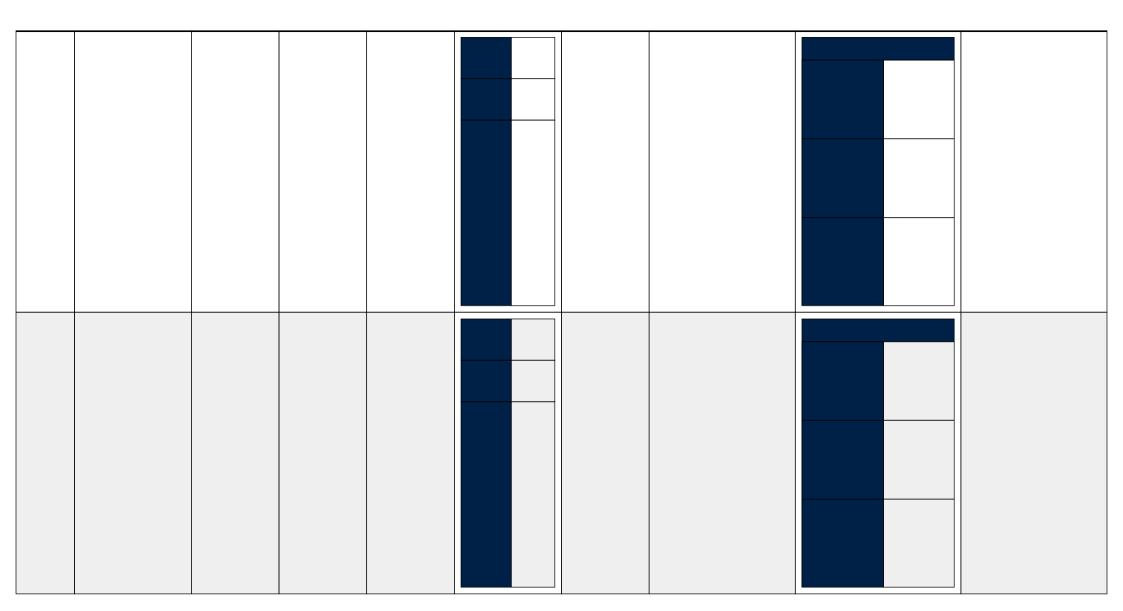
No	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR PhD 1996	86	Dr Maninder Karan	UIPS	Professor
Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 1995	87	Dr Alka Bali	UIPS
Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR 2016	88	Dr Anurag
UIPS	Assistant Professor	Yes	No	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR PhD 2010	89
Dr Neelima Dhingra	UIPS	Assistant Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR PhD 2008
90	Dr Ashwani Kumar	UIPS	Assistant Professor	Yes	No
Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	91	Dr Jai Malik	UIPS	Assistant Professor	Yes

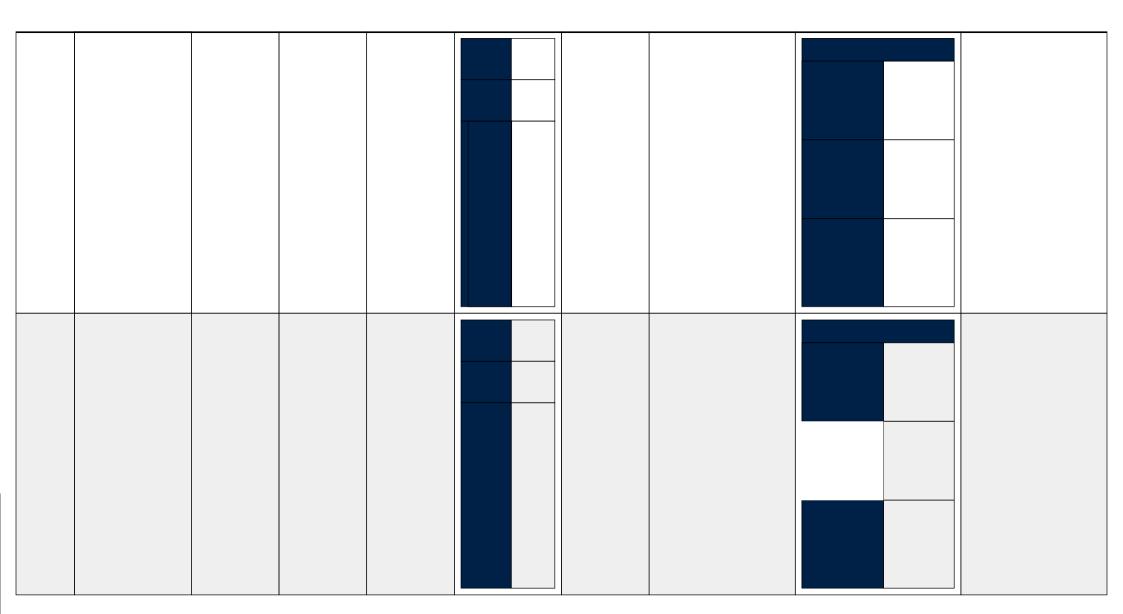
No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR No	92	Dr Vandita Kakkar	UIPS Dr Amita Sarwal	Assistant Professor UIPS
163		Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR PhD 2012	33	Di Allika Galwai	
Assistant Professor	Yes	No	Highest degree name in I&E and IPR Degree Type PhD Year of Highest degree in I&E and IPR	94	Dr Sangeeta Pilkhwal Sah
UIPS	Assistant Professor	Yes	No	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 2009	95
Dr Gurpal Singh	UIPS				

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				

Startup Cell 2015 Co-working Space Profit to Compus	r Skill Startup Cell 2015 :	Co-working No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	charge Harish		No
Pacility Incharge Name Pacility Incharge Name Pacility Incharge Name Pacility Incharge Name Pacility Incharge Email Pacility Incharge Email Pacility Incharge Email Pacility Incharge @pr C i			Fa Inc E	acility na@pu harge chd.ac. mail in		
			pation Fa Inc N	acility Rohit Sharm a 4 126ityN4 1chir29	0 g 1 0 0 1 417.6	Yes 42116 4N4 514 Tm 0 0 0 rg (
			Pi	hr		







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	Facility Incharge Name Facility Incharge Email Facility Incharge Email 97810 12525 Facility Incharge Phone	1	No	Total Annual Income from Training and Skill Development Services (In Rupees) Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	No
8	FT-NMR Spectrometer 500 MHz	2019	Innovation Labs	DST, New Delhi	Facility Incharge Name Facility Incharge @pu.a c.in 97810 12525 Facility Incharge Phone	1	No	Total Annual Income from Training and Skill Development Services (In Rupees) Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	No

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/Manag ement 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-B SAEN-BioN BIRAC, SE Fund-BioNI CSR-FKOI CSR-Techinvent	SIRAC, IEST-ED Facility Incharge Name Sharr a	8 a	Yes		Total Annual Income from Training and Skill Development Services (In Rupees) Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0 0 1767552	Yes
		Source of Grant	/ Fund		Ago	ency Name		Agenc	у Туре	Total Grants Facility e	/ Funds Received by Incubation 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	Facility Incharge Name Sharr a Prof. Manu Sharr a Pacility Incharge Email Sharr Sharr Sharr a Pacility Incharge Phone Prof. Sharr Sh	a	No		No		Yes
		Source of Grant	/ Fund		Agı	ency Name		Agenc	у Туре	Total Grants Facility e	/ Funds Received by Incubation exists in Campus (In Rupees)
	Funding Agency				DST			Govt. Agency (Central)		450000Govt.	Agency (Centra g ET BT 1 0 0 1 90

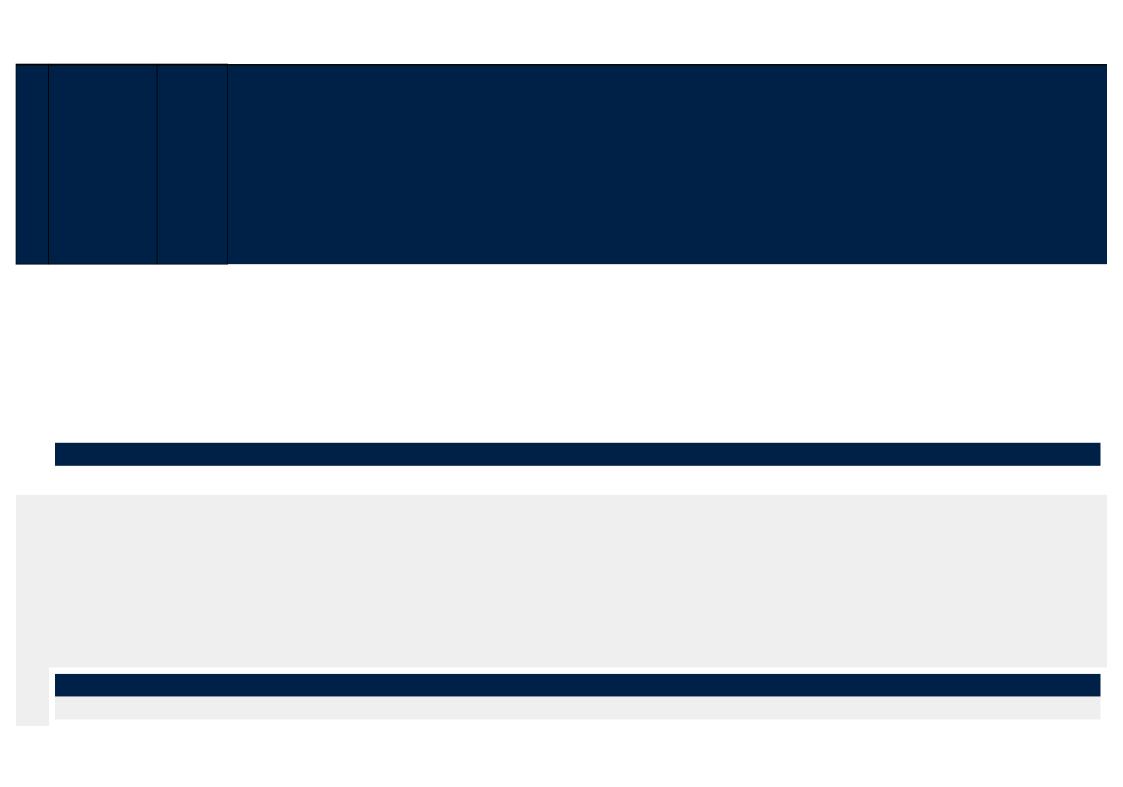
Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Rohit Sharma	Associate Professor	Entrepreneurship/Startup Development	16
	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	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/ St	artup 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/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Guidance and Counseling for New Course at Panjab Un	iversity	Within	
	Role of Cleanliness in Every Day Life		Within	
	Importance of Celebrating National Integration Day in To	day's World	Within	
	Gurunanak Dev Teaching on Equality and Mankind		Within	
	Role of Computer Applications in enhancing qulaity of lif	e of people	Within	
4	Dr. Naveen Aggarwal	Professor	Idea/Innovation Development	10

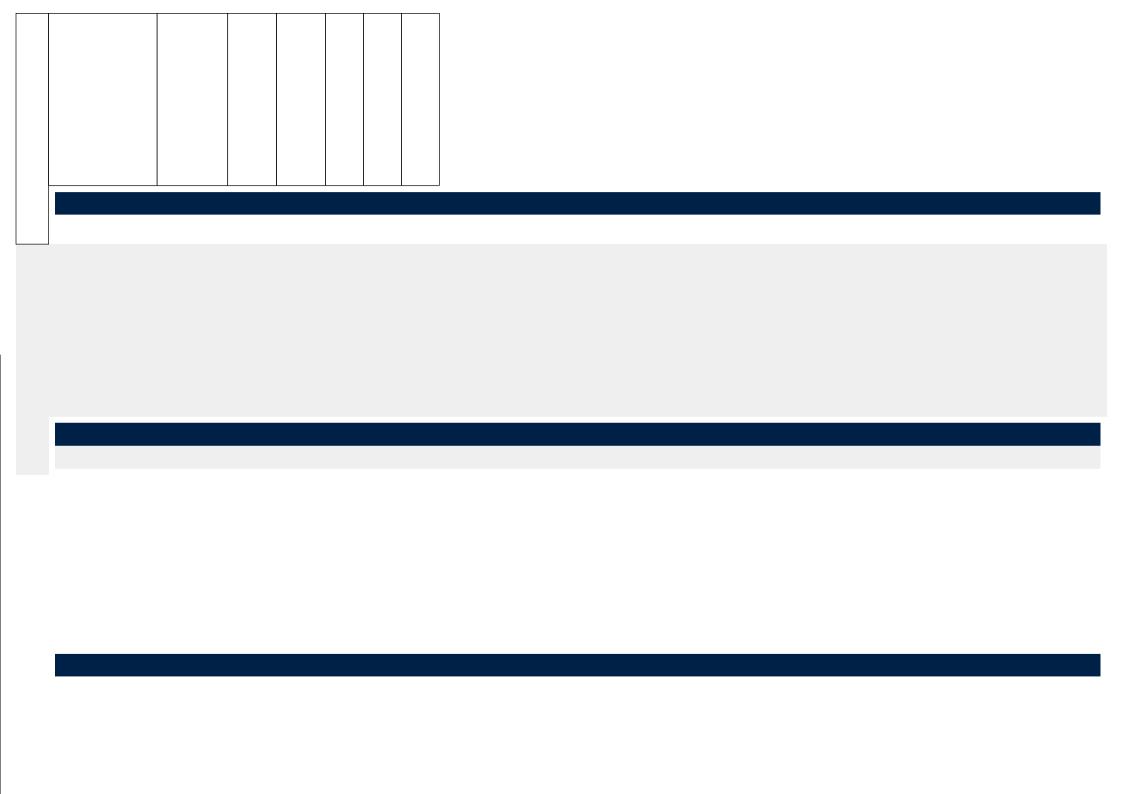
	Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Smart Traffic Light System Using RFID		Within	
Low cost Indigenously developed Pupillometer for the	critical care unit	Within	
Real Time Vehicle Counting, Classification, and Track	ing from CCTV	Within	
Automatic Cleaning 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 S	tops	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 Accele	rometer	Within	
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 Surveilla	nce /Military Purposes	Within	
		Within Within	
· · · · · · · · · · · · · · · · · · ·		Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo		Within Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo		Within Within Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo Energy Harvesting using Ceiling fan rotatory Motion		Within Within Within Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo Energy Harvesting using Ceiling fan rotatory Motion - Rodent Operant Chamber Bucket		Within Within Within Within Within Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo Energy Harvesting using Ceiling fan rotatory Motion Rodent Operant Chamber Bucket Artificial Breather		Within Within Within Within Within Within Within Within Within	
Design Analysis & Fabrication of 1kW Combined Savo Energy Harvesting using Ceiling fan rotatory Motion - Rodent Operant Chamber Bucket Artificial Breather Microgrid Test Bed Set-up		Within	
Design Analysis & Fabrication of 1kW Combined Savo Energy Harvesting using Ceiling fan rotatory Motion - Rodent Operant Chamber Bucket Artificial Breather Microgrid Test Bed Set-up Virtual Stroboscope		Within	

Name of Idea/Innovation/ Sta	artup 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	

	Name of Idea/Innovation/ S	tartup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CRITICAL ANALYSIS OF THE CONSTITUTIONAL VAI	LIDITY OF THE DEATH PENALTY IN	Within	
	GREEN INFORMATION AND COMMUNICATION TEC DEVELOPMENT: A STUDY IN GANDHIAN PERSPEC	HNOLOGIES (ICT) FOR SUSTAINABLE TIVE	Within	
	UNIVERSAL BROTHERHOOD AND SOCIAL TRANSF THE CONTEXT OF SANT NIRANKARI MISSION	ORMATION: RE-READING GANDHI IN	Within	
	UNITED NATIONS ON EDUCATION: WITH SPECIAL EDUCATION (HRE)	REFERENCE TO HUMAN RIGHT	Within	
13	Dr. Ashu Pasricha	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ S	tartup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SUSTAINABLE ORGANIC APPLE FARMING : A CASE SHIMLA, H.P.	STUDY OF TEHSIL ROHRU DISTRICT	Within	
	GOOD GOVERNANCE IN THE CONSTITUTION OF IN	IDIA: A GANDHIAN PERSPECTIVE	Within	
	TRIBAL DEVELOPMENT PROGRAMMES IN HIMACH REFERENCE TO GADDI TRIBE OF DISTRICT CHAMI	AL PRADESH WITH SPECIAL BA (H.P.)	Within	
	STRUCTURAL VIOLENCE AGAINST WOMEN: ACOM COMMUNITIES OF PUNJAB AND HIMACHAL PRADE	PARATIVE STUDY OF SELECTED SH	Within	
14	Dr. Jadab Sharma	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ S	tartup 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	Z Drut Professor
	Name of Idea/Innovation/ S	tartup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Chemical gas sensor, Heavy metal ion sensor			

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	

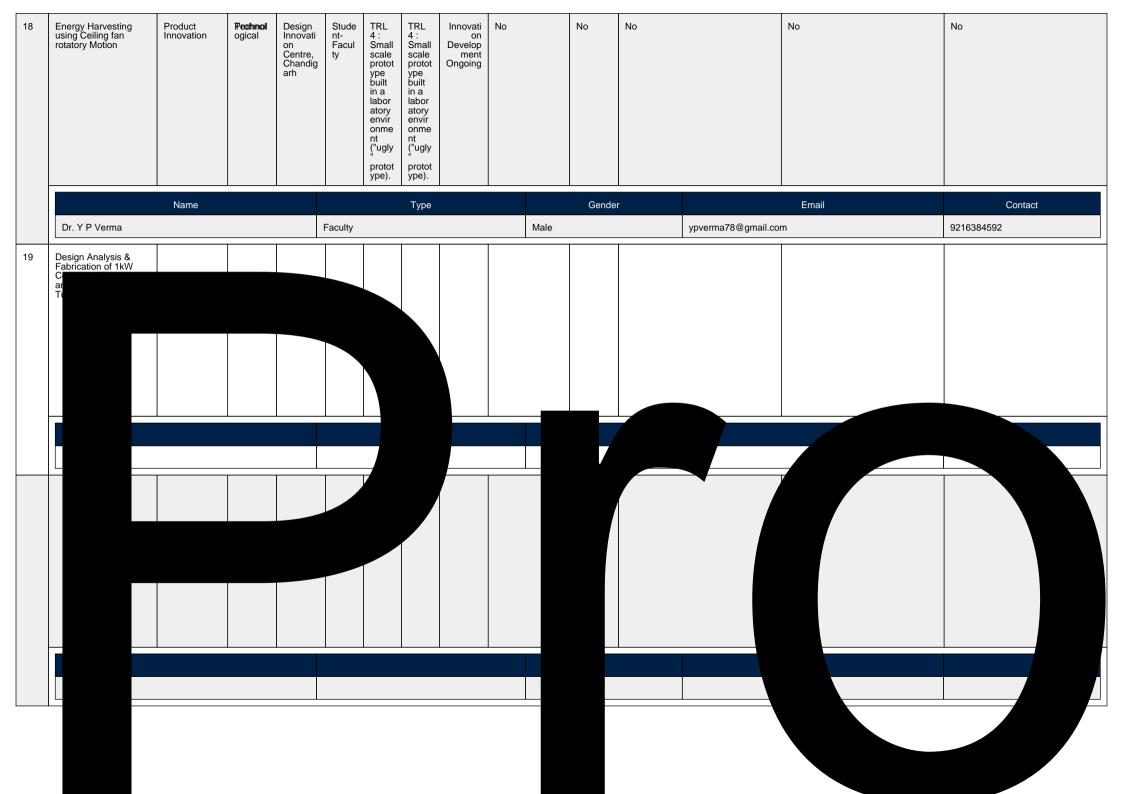




9	loT base air pollution app	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
	Name Type					Туре			Gender			Email		Contact	
	Prof. Naveen Aggarwa	ıl			Faculty					Male			navagg@pu.ac.in		9814865455
10	Remote patient montoring app	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
		Name					Туре				Gende			Email	Contact
	Prof. Naveen Aggarwal Faculty								Male			navagg@pu.ac.in		9814865455	
11	Real Time Machine Monitoring App	Service Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly " protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
	Name						Туре							Email	Contact
	Prof. Naveen Aggarwal									Male			navagg@pu.ac.in		9814865455



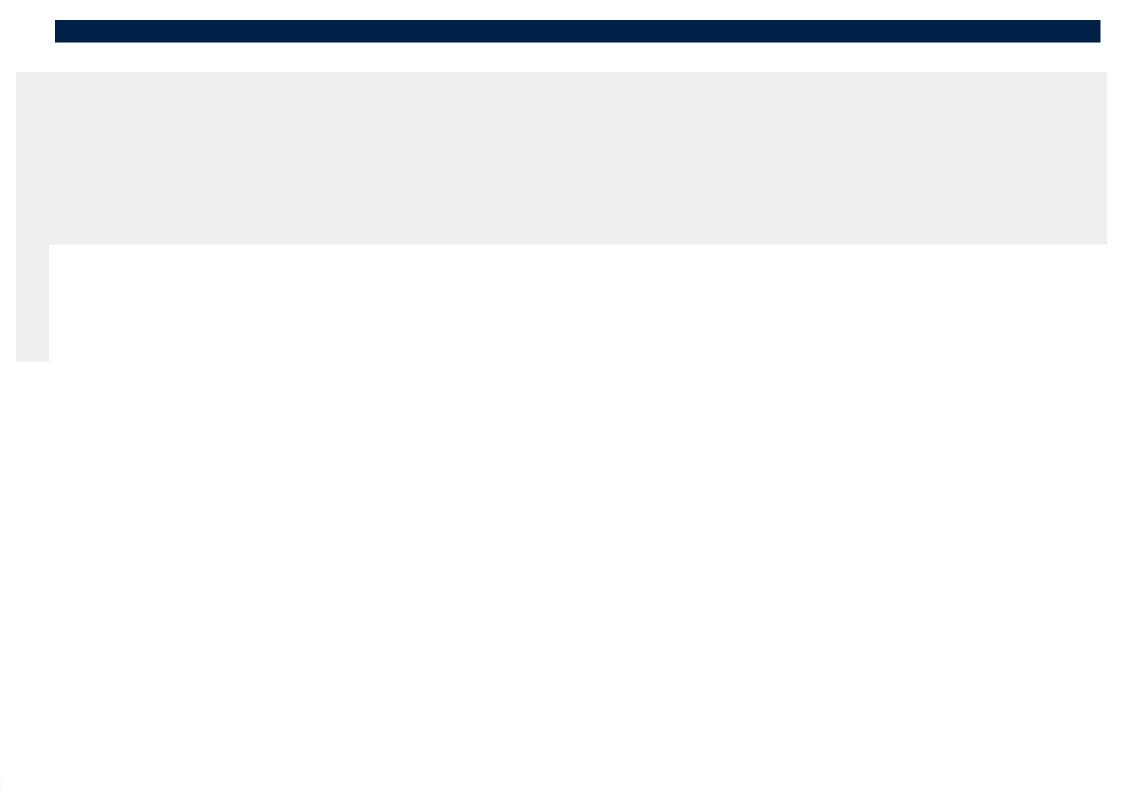
8-86 72v:	22Human bite force measuring device	Product Innovation	Mechynwil ogical	Design Innovati on Centf@n Chand@n arh	Stude ØtH Fa20i ty	TRL 211 Small scalen protein yie buffir in 21 lab6t at05a en06t of the condition of the con	TRL 4: Small scale protot ype built in a labor atory envir e5/7/289 nt ("ugly protot ype).	Innovati on Dev@Onip f@ant Ongoing	No 96 Tm 0 0 0 rg (oʻ ype).	No 3i)Tj 0 g 1 0	No 1 277.46 482	Tm 0 0 0 rg (("uS 0.Tj 0	No g 1 0 0 1 277.46 475 Tm 0 0 0 rg12n)T	No ij 0 g 1 0 0 1 277.46 468 Tm 0 0 0 rg (pro11r
	Prof. Prashant Jindal	Name	98788812	23227j 0 g E	FaBcTültlyO	0 1 17 47	Type 0 Tm /F2	7 Tf 0 0 0 r	g (16)T22 7jMag eEi	Gende		1 2 ji/Ochagl g/ @ophonic.ig rass o	Email cutter)Tj227j 0 g ET BT 1 0 0 1 17 400	Contact Tm9 5725851230 0 rg (Prod22r)Tj 0 g 1 0 0 1
16	Robotic grass cutter	Product Innovation									1		1	0 0 1 212.34 552 Tm 0 0 0 rg (Cent37n)Tj



21	IoT based Switch to replace existing Modular Switches	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
		Name					Туре				Gende			Email	Contact
	Dr. Y P Verma				Faculty					Male			ypverma78@gmail.com	n	9216384592
22	Wearable Piezoelectric Shoe Powered Radiofrequency	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
		Name					Туре				Gende			Email	Contact
	Dr. Y P Verma				Faculty					Male			ypverma78@gmail.com	n	9216384592
23	Urja Rath (Hybrid Solar-Rickshaw)	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
		Name					Туре				Gende			Email	Contact
	Dr. Y P Verma				Faculty					Male			ypverma78@gmail.com	n	9216384592

24	CNC Milling Machine	Product Innovati nn93725 rg394.0	03 261 117.54 17	re S 0.5 w 511 57	23725 rg394.03 2	261 117.54 17 r09 1	29 re S 0.5 v	v 36.42 412 793.58 44 re S 0.59 rhnol	17.54 17 re S 05 w 36.1.57 23725 rg39	4ogical7.54 17 r09 129 re S 021210 2.42

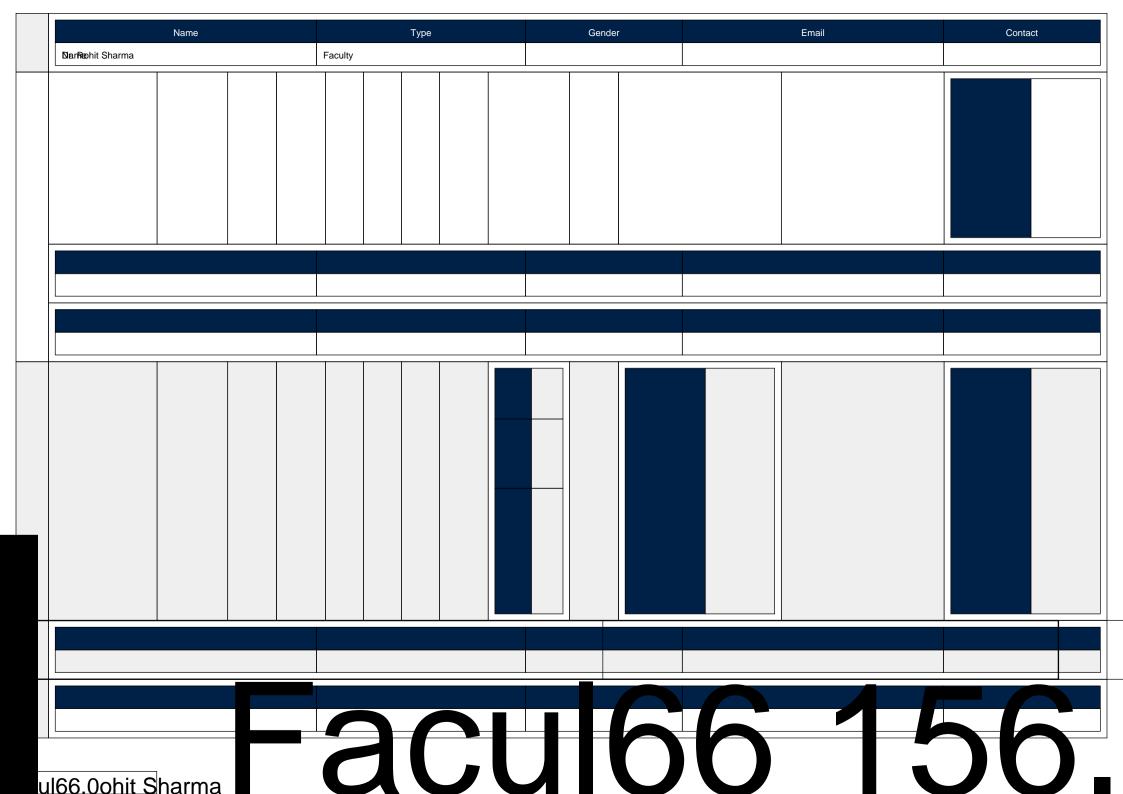




36	Real time Bus Arrival Detector & Announcer at Bus Stops	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Facul ty	nt nt ("ugly ("u	nall Develop ment Ongoing el lt a or		No	No		No	No
		Name				Т	ре		Gende			Email	Contact
	Prof. Naveen Aggarwal				Faculty			Male			navagg@pu.ac.in		9814865455
37	SpectroPlotter:Low Cost Light Absorbance Plotter	Product Innovation		Design Innovati on Centre, Chandig arh	Facul ty	protot pr ype yp built te in a d labor int atory de envir er	e te n en d d vir		No	No		No	No
		Name				Т	pe		Gende			Email	Contact
	Prof. Naveen Aggarwal												
38					Faculty			Male			navagg@pu.ac.in		9814865455
36	Automated Water Surface Analyser Boat	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	nt nt ("ugly ("u	ale ment Ongoing e lt a or or or yvir me gly gly	Male	No	No	navagg@pu.ac.in	No	9814865455 No
36	Automated Water Surface Analyser Boat	Product Innovation	ogical	Design Innovati on Centre, Chandig	Stude nt- Facul	scale sc protot pr ype yp built built built in a in labor lal atory envir er onme or nt ("ugly ("ugly ("ugly protot ype)."	ale ment Ongoing e lt a or or or yvir me gly gly	Male	No		navagg@pu.ac.in	No	

39	Multipurpose Autonomous Drone	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Smotalt scale protot ype built in a labor atory envir fortholoto nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir nnme nt ("ugly protot ype).	Innovati on Develop ment Ongoing Develop Develop	No	No	No		No	No	
		Name					Туре			Gende			Email	Gornaut	
	NoNoNoNoTechno0 g	1 0Tf 0 0 0 rg (N	lo)Tj 0 g ETs	981486 0 5	7 Tf 0 0 0	rg (Techi	nol) 400 C	0 0 rg (No)	Tj 0 g ET407 Tf 0 0	0 rg (Multip	urpose)400 0 0	0 rg (No)Tj 0 g ET22.8n	nrg c Clean/F2 7 Tf 0 (Multipurpose)39.	95 496 Tm 0 0 Robot 0 r Grass 7 Tf 0	Multip

	Low cost Indigenously developed Pupillometer for the critical care unit	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 6: Proto type syste m teste dd in inten ded envir onme nt close to expe cted perfor manc e.	TRL 6: Proto type syste m teste d in inten ded envir onme nt close to expe cted perfor manc e.	Innovati on Develop ment Ongoing	Agen cy Nam e Agen cy Type Awar d / Positi on / Reco gnitio n Secu red	DS T, Gol Gov t. Age ncy (Ce ntral)	No	Grant Amoun in Rs	100000	No	No
		Name					Туре				Gender			Email	Contact
	Prof. Naveen Aggarwa	l			Faculty					Male		r	navagg@pu.ac.in		9814865455
43	Smart Traffic Light System Using RFID	Product Innovation	Technol ogical	Design Innovati on Centre, Chandig arh	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	Innovati on Develop ment Ongoing	No		No	No		No	No
		Name					Туре				Gender			Email	Contact
	Prof. Naveen Aggarwa	<u> </u>			Faculty					Male		r	navagg@pu.ac.in		9814865455
	A novel design of low cost real time biomass monitor system for photobioreactor based on innovative light evolution kinetic equation	Product Innovation	Technol ogical	BNPU, CIC-B	Facul ty	Appli ed resea	TRL 3: Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No		No	Grant Amoun in Rs	935265 t	No	No
		Name					Туре				Gender			Email	Contact
	Dr. Shailendra Singh K					e Entrepre				Male			shail.khichi@gmail.co		





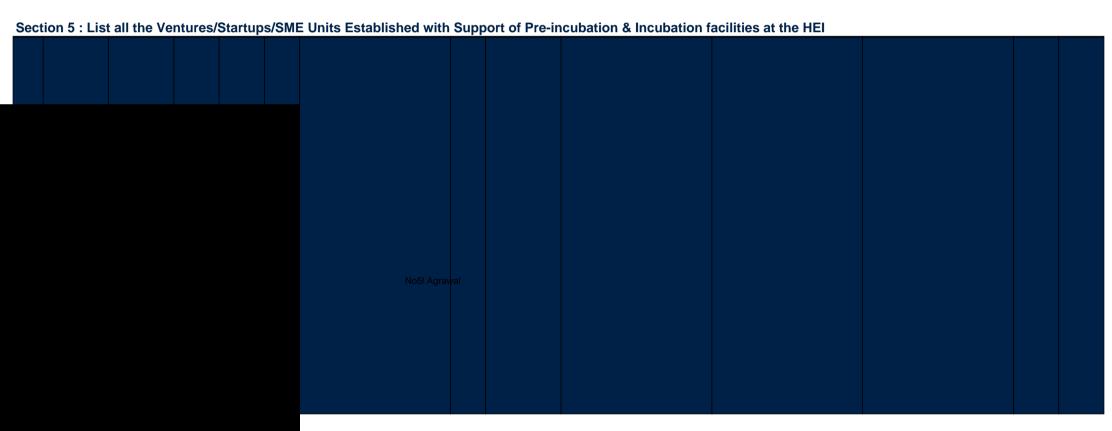
50	Diovita: Protein & Fibre rich beverage	Product Innovation	Technol ogical	BNPU	Exter nal to the Instit ute/In cubat ee	TRL 4: Small scale protot ype built in a labor envir onme nt ("ugly protot ype).	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly" protot ype).	Innovati on Develop ment Ongoing	No		No	Grant Amount in Rs	644981	No	Amount Received in Rs.	128996
		Name					Туре				Gender			Email	Contact	
	Mr. Satyendra S. Chou	ıdhary			Incubatee	Entrepre	neur			M0 1 305	5.95 g (Email)666w 511.03 4 22 T	™ N F2 7 Tf 0 0 0s	Mr. S.btrg @grg (.comEmail)Tj 0 g	g ET BT 1 0 1 w 272.03 422 Tr	n /F2 7 Tf 0 0 096

53	Development of cost- effective impedimetric immunosensor for MT	Process Innovation	Technol ogical	BNPU, CIC-B					



58	A two component lantibiotic Roseocin from Streptomyces filamentosus NRRL 11379	Product Innovation	Technol	DST- SERB, New					
-									

Development of one step detection kit for organophosphates	Product Innovation	Technol ogical	PSCST, TIFAC, DST, Govt. of India, New Delhi	Facul ty	TRL 0: Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0: Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Ongoing	No		No	No		No	No
	Name					Туре				Gende	r		Email	Contact
Dr. Neha Singla				Faculty					Female			nehasbph@gmail.com	1	9888562148
	Name					Туре				Gende	r		Email	Contact
Dr. Vishal Agrawal				Faculty					Male			avishal31.pu@gmail.c	om	9888562148
Dr. Ravi P. Burnwal				Faculty					Male			ravi13pb@gmail.com		8830339953
Dr. Gurpal Singh				Faculty					Male			gurpalsingh.ips@gma	il.com	9871393832



1	Rootworkz Learning	Product Innovation	Techno	₽ Chno2s	1 1538 dto 0 0 g 1 ent	Centure with Corporate Jentification umber (CIN) Registration	mT 0 0 rg (tech	-20 -20	Id®gceiied1 371.3 Incubation Support from Incubation Unit	Tm 0Tm 1 1 1 r 3	71,34,545 Tm0ate Punjab State Council of Science and techno2s1153 lb	C g447.Name)Tj (g ET BT 1 0 0 °	ward / 0 0 rg (techno2s	433.2s48 0 g	ET BT 1 0 QF	PosiTm 0 / 0

3	AV Nutricare Pvt. Ltd.	Product Innovation	Techno log62 17	(0.74 24 re(Techno) T j	0 g 1 0 0 137.63	573 Tm /F2 7 T	f 053 re79	re S 0.5 w 339.95	6 re(Techr	no)Tj 0 g 1 9 Tm 0	0 0 rg (log62	170.74 24 49 15 w	/ 210.7 15re	S 0.5 w 535.74 17 ri	r rg (Product)Tj	g 1 0 0 1	88.62 566 ⁻	Tm7
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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	946555573Section 7 > 9016b0

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,Netwo rking	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,Netwo rking	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,Netwo rking	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,Netwo rking	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,Netwo rking	0	22-02-2019
39						

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- Hydroxybenzonitrile 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