



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

Institute Name: IPS ACADEMY, INSTITUTE OF ENGINEERING & SCIENCE, INDORE (MP) [ARI-C-36010]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Instrumentation lab	Incubation Unit	Civil Engineering	UG / PG / PhD	Technical	106	12	8
2	Research and Development Lab	Incubation Unit	Chemical Engineering	UG / PG / PhD	Technical	32	8	6
3	Programming Lab	Incubation Unit	Computer Science and Engineering	UG / PG / PhD	Technical	176	13	8
4	Design Centre	Incubation Unit	Electronics and Communication Engineering	UG / PG / PhD	Technical	64	10	6
5	Incubation Centre	Incubation Unit	Electrical and Electronics Engineering	UG / PG / PhD	Technical	46	8	6
6	Fire Safety Equipment Testing R and D Lab	Incubation Unit	Fire Technology and Safety Engineering	UG / PG / PhD	Technical	135	9	6
7	Advanced Manufacturing Lab	Incubation Unit	Mechanical Engineering	UG / PG / PhD	Technical	98	9	6
8	Civil Engineering	Industry Institute Interface Unit	Civil Engineering	UG / PG / PhD	Technical	52	32	8
9	Chemical Engineering	Industry Institute Interface Unit	Chemical Engineering	UG / PG / PhD	Technical	17	18	5
10	Computer Science and Engineering	Industry Institute Interface Unit	Computer Science and Engineering	UG / PG / PhD	Technical	175	41	10
11	Electronics and Communication Engineering	Industry Institute Interface Unit	Electronics and Communication Engineering	UG / PG / PhD	Technical	60	27	5
12	Electrical and Electronics Engineering	Industry Institute Interface Unit	Electrical and Electronics Engineering	UG / PG / PhD	Technical	26	15	3
13	Fire Technology and Safety Engineering	Industry Institute Interface Unit	Fire Technology and Safety Engineering	UG / PG / PhD	Technical	117	20	8
14	Mechanical Engineering	Industry Institute Interface Unit	Mechanical Engineering	UG / PG / PhD	Technical	90	26	5
15	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	339	32	15

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

16	Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	108	18	9
17	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	748	41	15
18	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	178	27	9
19	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	137	15	6
20	Fire Technology and Safety Engineering	Academic Department with lab facility	Fire Technology and Safety Engineering	UG / PG / PhD	Technical	583	20	13
21	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	261	26	9
22	Institution Innovation Council	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPS Academy, Institute of Engineering and Science Indore	UG / PG / PhD	Technical	2702	179	76
23	Heavy Structure Lab	Centre of Excellence with Advance Tools & Equipment	Civil Engineering	UG / PG / PhD	Technical	106	12	8
24	Fire Technology Park	Research Unit / Park	Fire Technology and Safety Engineering	UG / PG / PhD	Technical	135	6	4

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 : IC201810710
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	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizin g Departm ent / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(i n Days)	Program Location	Internal Participa nts (Student)	Internal Participa nts (Faculty)	External Participa nts (Student)	External Participa nts (Faculty)	Total Number of Participa nts	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	India's First Leadersh ip talk Series	Entrepre neurship/ Startup	Motivatio nal speak	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	22-08-20 19 00:00:00	22-08-20 19 00:00:00	1	Within Campus	117	19	0	0	136	No	No
2	Innovatio n Day Campaig n	Innovatio n	Innovatio n Contest	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	15-10-20 19 00:00:00	15-10-20 19 00:00:00	1	Within Campus	37	24	0	0	61	No	No
3	An Idea Challeng e "Innovate to Inspire"	Innovatio n	Ideation	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	16-10-20 19 00:00:00	16-10-20 19 00:00:00	1	Within Campus	52	16	0	0	68	No	No
4	Product Develop ment Phases - Story Telling - (Innovato rs in Campus)	Entrepre neurship/ Startup	Skill developm ent	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	04-11-20 19 00:00:00	04-11-20 19 00:00:00	1	Within Campus	240	50	0	0	290	No	No
5	Business Idea Competiti on	Entrepre neurship/ Startup	B-Plan Competiti ons	Student Lead Activity	Institute of Engineeri ng and Science	04-11-20 19 00:00:00	04-11-20 19 00:00:00	1	Within Campus	258	58	0	0	316	No	No
6	Innovator s Talk	Innovatio n	Orientatio n Session	Student Lead Activity	Departm ent of Civil Engineeri ng	04-11-20 19 00:00:00	04-11-20 19 00:00:00	1	Within Campus	218	78	0	0	296	No	No
7	Awarene ss Worksho p on National Innovatio n & Startup Policy	Entrepre neurship/ Startup	Awarene ss	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	23-12-20 19 00:00:00	23-12-20 19 00:00:00	1	Within Campus	84	26	0	0	110	No	No
8	Campus Worksho p of One Day on Problem Solving and Design Thinking	Entrepre neurship/ Startup, Innovatio n	Worksho p	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	24-12-20 19 00:00:00	24-12-20 19 00:00:00	1	Within Campus	103	22	0	0	125	No	No

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9	Demo Day	Entrepre neurship/ Startup, Innovatio n	Demo Day	Student Lead Activity	Institute of Engineeri ng and Science	05-11-20 19 00:00:00	05-11-20 19 00:00:00	1	Within Campus	312	84	0	0	396	No	No
10	Model Exhibition	Innovatio n	Exhibition	Student Lead Activity	Institute	27-02-20 20 00:00:00	27-02-20 20 00:00:00	1	Within Campus	42	0	0	0	42	No	No
11	A Product Design Worksho p	Entrepre neurship/ Startup, Innovatio n	Mentorin g Session	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	27-12-20 19 00:00:00	27-12-20 19 00:00:00	1	Within Campus	218	72	0	0	290	No	No
12	Understa nding Rural Economy : Bio gas Preparati on	Entrepre neurship/ Startup	Awarene ss	Student Lead Activity	Departm ent of Chemical Engineeri ng	19-02-20 20 00:00:00	19-02-20 20 00:00:00	1	Within Campus	34	5	0	0	39	No	No
13	Innovate idea challenge	Innovatio n	Innovatio n Contest	Student Lead Activity	Departm ent of Electroni cs and Communi cation Engineeri ng	10-01-20 20 00:00:00	10-01-20 20 00:00:00	1	Within Campus	58	17	0	0	75	No	No
14	Entrepre neurship Awarene ss camp	Entrepre neurship/ Startup	Awarene ss	Institute Lead Activity	IPSA IES Chemical Engineeri ng Departm ent	17-10-20 19 00:00:00	19-10-20 19 00:00:00	3	Within Campus	86	16	0	0	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
15	India First Leadersh ip Talk Series Episode - 03	Entrepre neurship/ Startup, Innovatio n	Mentorin g Session	Student Lead Activity	Institute of Engineeri ng and Science	10-04-20 19 00:00:00	10-04-20 19 00:00:00	1	Within Campus	109	87	0	0	196	No	No
16	India First Leadersh ip Talk Series Episode - 04	Entrepre neurship/ Startup, Innovatio n	Motivatio nal speak	Student Lead Activity	Institute of Engineeri ng and Science	22-04-20 19 00:00:00	22-04-20 19 00:00:00	1	Within Campus	104	80	0	0	184	No	No
17	Enterpre nurship Awarnes s Camp	Entrepre neurship/ Startup	Awarene ss	Institute Lead Activity	Mechanic al Engineeri ng	10-02-20 20 00:00:00	12-02-20 20 00:00:00	3	Within Campus	80	1	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

18	Women Entrepre neurship Develop ment Program	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Mechanic al Engineeri ng	10-01-20 20 00:00:00	08-02-20 20 00:00:00	30	Within Campus	80	1	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
19	Entrepre neurship awarenes s camp	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	FT and SE Departm ent	07-11-20 19 00:00:00	09-11-20 19 00:00:00	3	Within Campus	136	0	0	0	136	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
20	Entrepre neurship awarenes s camp	Entrepre neurship/ Startup	Awarene ss	Institute Lead Activity	Departm ent of Electrical and Electroni cs engineeri ng	26-09-20 19 00:00:00	28-09-20 19 00:00:00	3	Within Campus	74	0	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
21	Rural Outreach to Bicholi Hapsi village	Entrepre neurship/ Startup, Innovatio n	Exposure visit	Institute Lead Activity	General Engg Dept	25-01-20 20 00:00:00	25-01-20 20 00:00:00	1	Outside Campus	118	6	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
22	Rural Outreach to Kattakya village	Entrepre neurship/ Startup, Innovatio n	Exposure visit	Institute Lead Activity	General Engg Dept	02-11-20 19 00:00:00	02-11-20 19 00:00:00	1	Outside Campus	120	7	0	0	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
23	Entrepre neurship Awarene ss Camp	Entrepre neurship/ Startup	Worksho p	Institute Lead Activity	Departm ent Of Compute r Science and Engineeri ng	12-09-20 19 00:00:00	14-09-20 19 00:00:00	3	Within Campus	134	0	0	0	134	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
24	EAC Worksho p/Intellect ual Property Rights	IPR	Worksho p	Institute Lead Activity	Civil Engineeri ng Departm ent	23-09-20 19 00:00:00	25-09-20 19 00:00:00	3	Within Campus	48	1	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
25	Idea and PoC competiti ons	Innovatio n	Innovatio n Contest	Institute Lead Activity	IPSA, IES Indore	17-05-20 19 00:00:00	17-05-20 19 00:00:00	1	Within Campus	32	10	0	0	42	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

No Data Filed!

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/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	Entrepreneurship and Management Concept	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-07-2020	30-11-2020	153	Offline	88	60
2	Entrepreneurship and management concept	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	FT and SE Department	22-07-2019	01-12-2019	133	Offline	139	48
3	Innovative thinking	Innovation	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics engineering	01-07-2019	16-11-2019	139	Offline	7	44
4	Web Technology and E- Commerce	Entrepreneurship/Startup	Full time Program	Master	Department Of Computer Science and Engineering	01-01-2020	28-06-2020	180	Online	20	48

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Women Entrepreneurship Development Program	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering	10-01-2020	08-02-2020	30	Offline	25	100

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		Departm	nent/Centre/Unit Name		D	esignation	Do you have a deg	ree in I&E & IPR?		eived training on I&E & AY 2019-20
1	Mr. Vivek Kumar Singh		IPS Academy Institute of Engineering and Science Indore			Assistant Pro	ofessor	No		Yes	
	Training Name Trai		ning Theme	Type of Course	Trainin N	ng Agency Iame	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Institute Innovation Cell Online Innovation Session		ו	EDP in I&E, IPR Institute Cell of I Innovat New De		on Cell ,	Govt. Agency (Central)	27-04-2020 00:00:00	21-05-2020 00:00:00	25	Online

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/Activiti es 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	Institution Innovation Council	Innovation Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit	48	Gulfasha Baig	gulafshabaig@ipsacad emy.org	7970286426
2	Robotics Club	Idea Club	2015	Co-working Space	Pre-Incubation Unit	2	Hritik Sharma	0808EC181015.ies@ip sacademy.org	8435944789

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 Establishme nt	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/Innovati on 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?
1	Design Centre	Design Centre	2016	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name a ashish sharma (a) ipsac ademy. org 977022 3319	16	Yes	Total O Annual Income from Training and Skill Develop ment Services (In Rupees)  Total Annual Income from (Technic al and Business ) Mentorin g Services (In Rupees)  Total Annual Income from Office Space and Rental Services to Start-ups/Inno vators (In Rupees)	Yes

## 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)

		Sour	ce of Grant / Fu	nd			Agency Name			Agency Type		Total Grants / Funds Received by Pre- Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
	Institute's Own Fu	nd / Resource				IPS Academy, IE	S Indore		Educati	onal Institute		1338874		
2	Incubation Centre	Design Centre	2010	Work Stations	Innovation Lat	Innovation Labs	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Manoj Gupta  manoj upta@ psacac emy.org 9  75664- 8075	14		Yes	No		Yes	
	lastitutals Que Fu		ce of Grant / Fu	nd		Agency Name				Agency Type		Total C Incubation ex	Grants / Funds Received by Pre- on & Incubation Centre / Facilities ists in Campus (In Rupees)	
	Institute's Own Fu	nd / Resource				IPS Academy,Institute of Engineering Science, Indore				Educational Institute				
3	IEDC	IEDC	2012	3D Printing & Prototype Equipment	Incubation Uni	it Incubation Unit	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Pacility Sanjay And Mod.m. Chanic Change Chanic Chan			No	No		Yes	
		Sour	ce of Grant / Fu	nd		Agency Name				Agency Type			Grants / Funds Received by Pre- on & Incubation Centre / Facilities ists in Campus (In Rupees)	
	Institute's Own Fu	nd / Resource				IPS Academy,Institute of Engineering and Science Indore				onal Institute				

## 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/Manag ement 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 Heavy Structure Lab. 2015 Innovation MODROR/AICTE 20 Yes

Heavy Structure Lab	2015	Innovation Labs,Innovation Park/Research Park	MODROB/AICT	Facility Incharge Name  Facility Incharge Email  Facility Incharge Phone	Dr. Amit sharm a amitsh arma @ipsa cadem y.org 99264 24474	20	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)	1020000	Yes	
	Source of Grant /	/ Fund		OTE N. D. II.	Agency	Name		Agency	Туре		unts / Funds Received by CoE exists in Campus (In Rupees)	
Funding Agency			AI	CTE, New Delhi				Govt. Agency (Central)		1450000		

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

No Data Flled!

## 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 Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovat ion Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Manag ement team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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### Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

1	Fire Technology Park	2018	Pre-Incubation	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pravee n Patel  hod.fir etech @ipsa cadem y.org  99264 98602	10	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)	64900 109170 0	Yes
		Source of Grant /	Fund	Agency	Name		Agency	Туре	Total Grants Facility e	/ Funds Received by Incubation xists in Campus (In Rupees)

IPS Academy, Institute of Engineering and Science Indore

Educational Institute

184715

### Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data Flled!

Institute's Own Fund / Resource

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	Mr. Vivek Kumar Singh	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Production of Biofuel		Within	
	Medical Grade Banana Juice		Within	
	Dryer Design for cello tap Manufacturing		Within	
2	Mr. Piyush Laad	Assistant Professor	Idea/Innovation Development	5

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

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
HVAC and R Design for an IT Company	Within	
Thermal Analysis of Heat Sink with Fins of different configuration using Ansys workbench 14.0	Within	
Design and fabrication of pole climbing robot with 2 degree of freedom	Within	
Design and fabrication of organic composting machine	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	Mr. S. H. Abbas Mehdi	Idea/Innovation Development	Unstructured Mentorship
2	Mr. Varun Sharma	Idea/Innovation Development	Unstructured Mentorship
3	Dr. Er. Meng Joo	Idea/Innovation Development	Unstructured Mentorship
4	Dr. Oscar Castillo	Idea/Innovation Development	Unstructured Mentorship
5	Dr. Prakash D. Vyavahare	Idea/Innovation Development	Unstructured Mentorship
6	Dr. Ram Bilas Pachori	Idea/Innovation Development	Unstructured Mentorship
7	Dr. Santosh Kumar Vishvakarma	Idea/Innovation Development	Unstructured Mentorship
8	Dr. Ashish Tiwari	Idea/Innovation Development	Unstructured Mentorship
9	Dr. K. K. Sharma	Idea/Innovation Development	Unstructured Mentorship
10	Mr. Jay Kumar Jain	Idea/Innovation Development	Unstructured Mentorship
11	Dr. Raksha Upadhyay	Idea/Innovation Development	Unstructured Mentorship
12	Mr. Timirher Mandloi	Idea/Innovation Development	Unstructured Mentorship
13	Prof. Vasily Golubev	Idea/Innovation Development	Unstructured Mentorship
14	Dr. D. B. Phatak	Idea/Innovation Development	Unstructured Mentorship
15	Mr Sunil Sahu	Idea/Innovation Development	Unstructured Mentorship
16	Dr. R. K. Pateriya	Idea/Innovation Development	Unstructured Mentorship
17	Mr Akhilesh Gour	Idea/Innovation Development	Unstructured Mentorship
18	Dr. S. R. Sathe	Idea/Innovation Development	Unstructured Mentorship
19	Mr. Hetal K. Mehta	Idea/Innovation Development	Unstructured Mentorship
20	Dr. S. C. Choubey	Idea/Innovation Development	Unstructured Mentorship
21	Mr. Shirish Bhale	Idea/Innovation Development	Unstructured Mentorship
22	Dr. R. K. Saxena	Idea/Innovation Development	Unstructured Mentorship
23	Mr. Tapan Mukherji	Idea/Innovation Development	Unstructured Mentorship

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

24         Mr. Manne Mortin         Information Development         Useraturies Montochip           25         Dr. Rajovech Anza         descriptional Controlle         Useraturies Montochip           26         Mr. Saring Patroadom         Ideal Incondition Development         Untratured Montochip           27         Prv. D. Mr. Saring         Useratured Montochip           28         Mr. Yashpal Birgh         Ideal Incondition Development         Untratured Montochip           29         Mr. S. Dillande         Useratured Montochip           30         Mr. K. Walter         Description Development         Unstructured Montochip           31         Prv. Sarine Solitases         Useratured Montochip           32         Mr. K. Walter         Montochipoment         Unstructured Montochip           31         Prv. Sarine Solitases         Useratured Montochip           32         Prv. A Article Torons Marque         Idealizaronal Development         Unstructured Montochip           33         Dr. Ania Kurara Majornal         Idealizaronal Development         Unstructured Montochip           34         Dr. Libraging Charinasassar         Idealizaronal Development         Unstructured Montochip           35         Dr. Salva Articles         Idealizaronal Development         Unstructured Montochip	Section 3 > III >	b. Flovide detail list of External Experts/Agen	cies engaged as Mentor to help Ideas/Innovations/Startups	
Designation   Designation   Designated   Designation   Designated   Designation   De	24	Mr. Manish Matta	Idea/Innovation Development	Unstructured Mentorship
Prof. B.M. Sharma   Medinovation Development   Unstructured Mentorship	25	Dr. Rajneesh Arora	Idea/Innovation Development	Unstructured Mentorship
Mr. Yashpal Singh   Idealnovedon Development   Undructured Mentosisp	26	Mr.Sanjay Patwardhan	Idea/Innovation Development	Unstructured Mentorship
Mr. S. Diavole   Idea/Innovation Development   Unstructured Mentership	27	Prof. B.M. Sharma	Idea/Innovation Development	Unstructured Mentorship
Mr. R.K. Mehra   Ideal/movation Development   Uvesturctured Mentorship	28	Mr. Yashpal Singh	Idea/Innovation Development	Unstructured Mentorship
Prof. Seletin Schlosser  Uleachnovation Development  Unstructured Memorship  Dr. Ann Kurner Keğurndar  Uleachnovation Development  Uleachnovation Development  Unstructured Memorship  Dr. Ann Kurner Keğurndar  Unstructured Memorship  Dr. J. Lidayyılı Chandraskilori  Dr. J. S. Dinaskanı  Uleachnovation Development  Uleachnovation Development  Uleachnovation Development  Uleachnovation Development  Unstructured Memorship  Dr. S. Dinaskanı  Mr. V. K. Sukhwani  Uleachnovation Development  Uleachnovation De	29	Mr. S. Dhawle	Idea/Innovation Development	Unstructured Mentorship
Prof. Antonio Torres Marques Idea/Innovation Development Unstructured Mentorship  Dr. Avun Kumar Majumdar Idea/Innovation Development Unstructured Mentorship  Dr. Subggirl Chandrasekher Idea/Innovation Development Unstructured Mentorship  Dr. S. Dhinakaran Idea/Innovation Development Unstructured Mentorship  Mr. V. K. Subfowari Idea/Innovation Development Unstructured Mentorship  Mr. V. K. Subfowari Idea/Innovation Development Unstructured Mentorship  Dr. Subodh V. Modak Idea/Innovation Development Unstructured Mentorship  Mr. Millind Valdya Idea/Innovation Development Unstructured Mentorship  Mr. Millind Valdya Idea/Innovation Development Unstructured Mentorship  Mr. Siddhursha Development Unstructured Mentorship  Mr. Kirishnaya Idea/Innovation Development Unstructured Mentorship  Mr. Ashviri Singh Idea/Innovation Development Unstructured Mentorship  Mr. Ashviri Singh Idea/Innovation Development Unstructured Mentorship  Mr. Anival Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Singhavi Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Singhavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustur Baskell Innovation Unstructured Mentorship  Gr. P. M. Patul	30	Mr. R.K. Mishra	Idea/Innovation Development	Unstructured Mentorship
Dr. Arun Kumari Majorndar Idea/movation Development Unstructured Mentorship  Dr. Usbygiri Chandrasekher Idea/movation Development Unstructured Mentorship  Dr. D. Dhinkataran Idea/movation Development Unstructured Mentorship  Mr. V.K. Sukhwani Idea/movation Development Unstructured Mentorship  Mr. Joydirnoy Barman Idea/movation Development Unstructured Mentorship  Dr. Subodh V. Modsk Idea/movation Development Unstructured Mentorship  Mr. Milind Vaidya Idea/movation Development Unstructured Mentorship  Mr. Kr. Krishnisiya Idea/movation Development Unstructured Mentorship  Mr. Kr. Krishnisiya Idea/movation Development Unstructured Mentorship  Mr. Kr. Shrivastav Idea/movation Development Unstructured Mentorship  Mr. Kr. Shrivastav Idea/movation Development Unstructured Mentorship  Mr. Kr. Shrivastav Idea/movation Development Unstructured Mentorship  Mr. Ninn Oupta Idea/movation Development Unstructured Mentorship  Mr. Alahvini Singh Idea/movation Development Unstructured Mentorship  Mr. Alakvini Singh Idea/movation Development Unstructured Mentorship  Dr. P. M. Singa Idea/movation Development Unstructured Mentorship  Mr. Alakvini Singh Idea/movation Development Unstructured Mentorship  Dr. John Single Idea/movation Development Unstructured Mentorship  Mr. Alakvini Singh Idea/movation Development Unstructured Mentorship  Mr. Alakvin	31	Prof. Stefan Schlosser	Idea/Innovation Development	Unstructured Mentorship
Dr. Udaygifi Chandrasekher IdealInnovation Development Unstructured Mentorship  Dr. S. Dhinakaran IdealInnovation Development Unstructured Mentorship  Mr. V.K. Sukhwani IdealInnovation Development Unstructured Mentorship  Mr. Jyotimoy Barman IdealInnovation Development Unstructured Mentorship  Dr. Subodh V. Modek IdealInnovation Development Unstructured Mentorship  Mr. Middid Valciya IdealInnovation Development Unstructured Mentorship  Mr. Siddhartha Dhawle IdealInnovation Development Unstructured Mentorship  Mr. Kr. Krishinalya IdealInnovation Development Unstructured Mentorship  Prof. K. Krishinalya IdealInnovation Development Unstructured Mentorship  Mr. Kr. Shrivastava IdealInnovation Development Unstructured Mentorship  Mr. Animir Gupta IdealInnovation Development Unstructured Mentorship  Mr. Animir Singh IdealInnovation Development Unstructured Mentorship  Mr. Animir Singh IdealInnovation Development Unstructured Mentorship  Dr. P. M. Shirage IdealInnovation Development Unstructured Mentorship  Mr. Animir Sanghavi IdealInnovation Development Unstructured Mentorship  Dr. Chainya Sanghavi IdealInnovation Development Unstructured Mentorship  Dr. Chainya Sanghavi IdealInnovation Development Unstructured Mentorship  Dr.	32	Prof. Antonio Torres Marques	Idea/Innovation Development	Unstructured Mentorship
Dr. S. Dhinakaran Idea/Innovation Development Unstructured Mentorship  Mr. V. K. Suhtrwani Idea/Innovation Development Unstructured Mentorship  Mr. Jyolimoy Barman Idea/Innovation Development Unstructured Mentorship  Dr. Subodh V. Modak Idea/Innovation Development Unstructured Mentorship  Mr. Millind Vaidya Idea/Innovation Development Unstructured Mentorship  Mr. Millind Vaidya Idea/Innovation Development Unstructured Mentorship  Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  Porl. K. Krishnalya Idea/Innovation Development Unstructured Mentorship  Porl. K. Krishnalya Idea/Innovation Development Unstructured Mentorship  Mr. K. K. Firkhastav Idea/Innovation Development Unstructured Mentorship  Mr. Nithi Gupta Idea/Innovation Development Unstructured Mentorship  Mr. Nithi Gupta Idea/Innovation Development Unstructured Mentorship  Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Astwini Singh Idea/Innovation Development Unstructured Mentorship  Mr. Astwini Singh Idea/Innovation Development Unstructured Mentorship  Mr. Astwini Singh Idea/Innovation Development Unstructured Mentorship  Mr. Antruch Kaushal Idea/Innovation Development Unstructured Mentorship  Mr. Antruch Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Pitatul Shrivastava Idea/Innovation Development Unstructured Mentorship  Dr. Managharia Idea/Innovation Develo	33	Dr. Arun Kumar Majumdar	Idea/Innovation Development	Unstructured Mentorship
Mr. V.K. Sukhwani Idea/Innovation Development Unstructured Mentorship  37 Mr. Jyotimoy Barnan Idea/Innovation Development Unstructured Mentorship  38 Dr. Subodh V. Modak Idea/Innovation Development Unstructured Mentorship  39 Mr. Millind Vaidya Idea/Innovation Development Unstructured Mentorship  40 Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  41 Prof. K. Krishnaiya Idea/Innovation Development Unstructured Mentorship  42 Prof. Kallas Wasewar Idea/Innovation Development Unstructured Mentorship  43 Mr. K. K. Shrivastav  44 Mr. Nisin Gupta Idea/Innovation Development Unstructured Mentorship  45 Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  46 Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  47 Dr. P.M. Shriage Idea/Innovation Development Unstructured Mentorship  48 Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  49 Dr. Chairya Sanghavi Idea/Innovation Development Unstructured Mentorship  50 Dr. Kaisusuv Bakashi Idea/Innovation Development Unstructured Mentorship  51 Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  52 Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship  53 Mr. Pratul Shrivastava Idea/Innovation Development Unstructured Mentorship  54 Dr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  55 Dr. Massuv Bakashi Idea/Innovation Development Unstructured Mentorship  56 Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship  57 Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship  58 Mr. Pratul Shrivastava Idea/Innovation Development  59 Dr. B. M. Das Idea/Innovation Development  50 Dr. B. M. Das Idea/Innovation Development  50 Dr. B. M. Das Idea/Innovation Deve	34	Dr. Udaygiri Chandrasekher	Idea/Innovation Development	Unstructured Mentorship
Mr. Jyotimoy Barman Idea/Innovation Development Unstructured Mentorship  38 Dr. Subodh V. Modak Idea/Innovation Development Unstructured Mentorship  39 Mr. Milind Vaidya Idea/Innovation Development Unstructured Mentorship  40 Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  41 Prof. K. Krishnalya Idea/Innovation Development Unstructured Mentorship  42 Prof. Kalias Wasewar Idea/Innovation Development Unstructured Mentorship  43 Mr. K. Shrivastav Idea/Innovation Development Unstructured Mentorship  44 Mr. Nitiri Gupta Idea/Innovation Development Unstructured Mentorship  45 Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  46 Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  47 Dr. P.M. Shirage Idea/Innovation Development Unstructured Mentorship  48 Mr. Anirudh Kaushal Idea/Innovation Development Unstructured Mentorship  49 Dr. Charlyay Sanghavi Idea/Innovation Development  40 Dr. Kaustuv Bbakshi Idea/Innovation Development  41 Unstructured Mentorship  42 Dr. Mona Shah Idea/Innovation Development  43 Dr. Mona Shah Idea/Innovation Development  44 Unstructured Mentorship  45 Dr. Mona Shah Idea/Innovation Development  46 Unstructured Mentorship  47 Dr. P.M. Shirage  48 Mr. Anirudh Kaushal  49 Dr. Charlyay Sanghavi Idea/Innovation Development  49 Dr. Charlyay Sanghavi Idea/Innovation Development  40 Dr. Mona Shah Idea/Innovation Development  41 Unstructured Mentorship  42 Dr. B. M. Das  43 Idea/Innovation Development  44 Unstructured Mentorship  45 Dr. B. M. Das  45 Dr. B. M. Das  46 Idea/Innovation Development  48 Unstructured Mentorship  49 Dr. Charlyay Sanghavi Idea/Innovation Development  49 Dr. Charlyay Sanghavi Idea/Innovation Development  40 Dr. Abhay Gupta  41 Unstructured Mentorship  42 Dr. B. M. Das  43 Idea/Innovation Development  44 Unstructured Mentorship  45 Dr. B. M. Das  45 Dr. Abhay Gupta  46 Dr. Abhay Gupta  47 Dr. P. Abhay Gupta  48 Dr. Abhay Gupta  49 Dr. Charlyay Sanghavi  49 Dr. Charlyay Sanghavi  40 Dr. Abhay Gupta  41 Dr. Ab	35	Dr. S. Dhinakaran	Idea/Innovation Development	Unstructured Mentorship
Dr. Subodh V. Modak Idea/Innovation Development Unstructured Mentorship  Mr. Milind Vaidya Idea/Innovation Development Unstructured Mentorship  Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  Prof. K. Krishnaiya Idea/Innovation Development Unstructured Mentorship  Prof. K. Salas Wasewar Idea/Innovation Development Unstructured Mentorship  Mr. K. Shrivastav Idea/Innovation Development Unstructured Mentorship  Mr. Niin Gupta Idea/Innovation Development Unstructured Mentorship  Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Niin Gupta Idea/Innovation Development Unstructured Mentorship  Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  Dr. P. M. Shirage Idea/Innovation Development Unstructured Mentorship  Mr. Andrudh Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustuv Bakshi Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shrivastava Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shrivastava Idea/Innovation Development Unstructured Mentorship  Dr. Abhay Gupta Idea/Innovation Development Unstructured Mentorship  Unstructured Mentorship	36	Mr. V. K. Sukhwani	Idea/Innovation Development	Unstructured Mentorship
Mr. Milind Vaidya Idea/Innovation Development Unstructured Mentorship  Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  Prof. K. Krishnaya Idea/Innovation Development Unstructured Mentorship  Prof. Kailas Wasewar Idea/Innovation Development Unstructured Mentorship  Mr. K. K. Shrivastav Idea/Innovation Development Unstructured Mentorship  Mr. Nitin Gupta Idea/Innovation Development Unstructured Mentorship  Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Ashrwini Singh Idea/Innovation Development Unstructured Mentorship  Dr. P.M. Shirage Idea/Innovation Development Unstructured Mentorship  Mr. Anirudh Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustur Bbakshi Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship  Jor	37	Mr. Jyotirmoy Barman	Idea/Innovation Development	Unstructured Mentorship
Mr. Siddhartha Dhawle Idea/Innovation Development Unstructured Mentorship  Prof. K. Krishnaya Idea/Innovation Development Unstructured Mentorship  Prof. Kailas Wasewar Idea/Innovation Development Unstructured Mentorship  Mr. K. K. Shrivastav Idea/Innovation Development Unstructured Mentorship  Mr. Nitin Gupta Idea/Innovation Development Unstructured Mentorship  Dr. V.C. Shrivastava Idea/Innovation Development Unstructured Mentorship  Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship  Dr. P.M. Shirage Idea/Innovation Development Unstructured Mentorship  Mr. Anirudh Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustuv Bbakshi Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship	38	Dr. Subodh V. Modak	Idea/Innovation Development	Unstructured Mentorship
Prof. K. Krishnalya   Idea/Innovation Development   Unstructured Mentorship	39	Mr. Milind Vaidya	Idea/Innovation Development	Unstructured Mentorship
Prof. Kailas Wasewar   Idea/Innovation Development   Unstructured Mentorship	40	Mr. Siddhartha Dhawle	Idea/Innovation Development	Unstructured Mentorship
Mr. K K Shrivastav   Idea/Innovation Development   Unstructured Mentorship	41	Prof. K. Krishnaiya	Idea/Innovation Development	Unstructured Mentorship
44Mr. Nitin GuptaIdea/Innovation DevelopmentUnstructured Mentorship45Dr. V.C. ShrivastavaIdea/Innovation DevelopmentUnstructured Mentorship46Mr. Ashwini SinghIdea/Innovation DevelopmentUnstructured Mentorship47Dr. P.M. ShirageIdea/Innovation DevelopmentUnstructured Mentorship48Mr. Anirudh KaushalIdea/Innovation DevelopmentUnstructured Mentorship49Dr.Chainya SanghaviIdea/Innovation DevelopmentUnstructured Mentorship50Dr.Kaustuv BbakshiIdea/Innovation DevelopmentUnstructured Mentorship51Dr.Mona ShahIdea/Innovation DevelopmentUnstructured Mentorship52Dr. B. M. DasIdea/Innovation DevelopmentUnstructured Mentorship53Mr.Pratul ShriwastavaIdea/Innovation DevelopmentUnstructured Mentorship54Dr.Abhay GuptaIdea/Innovation DevelopmentUnstructured Mentorship	42	Prof. Kailas Wasewar	Idea/Innovation Development	Unstructured Mentorship
Dr. V.C. Shrivastava   Idea/Innovation Development   Unstructured Mentorship	43	Mr. K K Shrivastav	Idea/Innovation Development	Unstructured Mentorship
46 Mr. Ashwini Singh Idea/Innovation Development Unstructured Mentorship 47 Dr. P.M. Shirage Idea/Innovation Development Unstructured Mentorship 48 Mr. Anirudh Kaushal Idea/Innovation Development Unstructured Mentorship 49 Dr.Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship 50 Dr.Kaustuv Bbakshi Idea/Innovation Development Unstructured Mentorship 51 Dr.Mona Shah Idea/Innovation Development Unstructured Mentorship 52 Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship 53 Mr.Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship 54 Dr.Abhay Gupta Idea/Innovation Development Unstructured Mentorship	44	Mr. Nitin Gupta	Idea/Innovation Development	Unstructured Mentorship
47Dr. P.M. ShirageIdea/Innovation DevelopmentUnstructured Mentorship48Mr. Anirudh KaushalIdea/Innovation DevelopmentUnstructured Mentorship49Dr.Chainya SanghaviIdea/Innovation DevelopmentUnstructured Mentorship50Dr.Kaustuv BbakshiIdea/Innovation DevelopmentUnstructured Mentorship51Dr.Mona ShahIdea/Innovation DevelopmentUnstructured Mentorship52Dr. B. M. DasIdea/Innovation DevelopmentUnstructured Mentorship53Mr.Pratul ShriwastavaIdea/Innovation DevelopmentUnstructured Mentorship54Dr.Abhay GuptaIdea/Innovation DevelopmentUnstructured Mentorship	45	Dr. V.C. Shrivastava	Idea/Innovation Development	Unstructured Mentorship
Mr. Anirudh Kaushal Idea/Innovation Development Unstructured Mentorship  Dr. Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustuv Bbakshi Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship  Dr. Abhay Gupta Idea/Innovation Development Unstructured Mentorship  Unstructured Mentorship  Unstructured Mentorship  Unstructured Mentorship	46	Mr. Ashwini Singh	Idea/Innovation Development	Unstructured Mentorship
Dr. Chainya Sanghavi Idea/Innovation Development Unstructured Mentorship  Dr. Kaustuv Bbakshi Idea/Innovation Development Unstructured Mentorship  Dr. Mona Shah Idea/Innovation Development Unstructured Mentorship  Dr. B. M. Das Idea/Innovation Development Unstructured Mentorship  Mr. Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship  Dr. Abhay Gupta Idea/Innovation Development Unstructured Mentorship  Unstructured Mentorship  Unstructured Mentorship  Unstructured Mentorship	47	Dr. P.M. Shirage	Idea/Innovation Development	Unstructured Mentorship
50 Dr.Kaustuv Bbakshi Idea/Innovation Development Unstructured Mentorship 51 Dr.Mona Shah Idea/Innovation Development Unstructured Mentorship 52 Dr. B.M. Das Idea/Innovation Development Unstructured Mentorship 53 Mr.Pratul Shriwastava Idea/Innovation Development Unstructured Mentorship 54 Dr.Abhay Gupta Idea/Innovation Development Unstructured Mentorship	48	Mr. Anirudh Kaushal	Idea/Innovation Development	Unstructured Mentorship
51Dr.Mona ShahIdea/Innovation DevelopmentUnstructured Mentorship52Dr. B.M. DasIdea/Innovation DevelopmentUnstructured Mentorship53Mr.Pratul ShriwastavaIdea/Innovation DevelopmentUnstructured Mentorship54Dr.Abhay GuptaIdea/Innovation DevelopmentUnstructured Mentorship	49	Dr.Chainya Sanghavi	Idea/Innovation Development	Unstructured Mentorship
52Dr. B .M. DasIdea/Innovation DevelopmentUnstructured Mentorship53Mr.Pratul ShriwastavaIdea/Innovation DevelopmentUnstructured Mentorship54Dr.Abhay GuptaIdea/Innovation DevelopmentUnstructured Mentorship	50	Dr.Kaustuv Bbakshi	Idea/Innovation Development	Unstructured Mentorship
53Mr. Pratul ShriwastavaIdea/Innovation DevelopmentUnstructured Mentorship54Dr. Abhay GuptaIdea/Innovation DevelopmentUnstructured Mentorship	51	Dr.Mona Shah	Idea/Innovation Development	Unstructured Mentorship
54 Dr.Abhay Gupta Idea/Innovation Development Unstructured Mentorship	52	Dr. B .M. Das	Idea/Innovation Development	Unstructured Mentorship
	53	Mr.Pratul Shriwastava	Idea/Innovation Development	Unstructured Mentorship
	54	Dr.Abhay Gupta	Idea/Innovation Development	Unstructured Mentorship
55   Dr. Vasily I.Golubev   Idea/Innovation Development   Unstructured Mentorship	55	Dr. Vasily I.Golubev	Idea/Innovation Development	Unstructured Mentorship

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

56	Dr. Rajesh Dhakal	Idea/Innovation Development	Unstructured Mentorship
57	Dr. Arvind Neema	Idea/Innovation Development	Unstructured Mentorship
58	Dr.U.C.Chaubey	Idea/Innovation Development	Unstructured Mentorship
59	Mr. Amarnath	Idea/Innovation Development	Unstructured Mentorship
60	Dr. Neelima Satyam	Idea/Innovation Development	Unstructured Mentorship
61	Mr. B. R. Gadekar	Idea/Innovation Development	Unstructured Mentorship
62	Mr. M.M. Bhuskute,	Idea/Innovation Development	Unstructured Mentorship
63	Mr. Lalit R. Gabhane	Idea/Innovation Development	Unstructured Mentorship
64	Mr. S.M. Jalali	Idea/Innovation Development	Unstructured Mentorship
65	Dr. Chinmay Ghoroi	Idea/Innovation Development	Unstructured Mentorship
66	Mr. B. Sahu	Idea/Innovation Development	Unstructured Mentorship

# Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srn o	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovati on	Name of the HEI Support ed Innovati on Develop ment	Innov ation Devel oped by	Stage of Innov ation/ Stage of TRL it starte d recei ving the Supp ort durin g the FY 2019- 20	Stage of Innov ation/ Stage of TRL reach ed as on 31st Marc h 2020	Status Pre- Incubati on/Incu bation Support to Innovati on 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 Innovati on 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	Novel miniaturized dual-port ultra wide band MIMO Antenna	Product Innovation	Technol ogical	Design Centre	Facul	TRL 0: Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1: Basic resea rch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Ongoing	No	No	No	No	No

	Name				Туре				Gender			Email	Contact
Mohit Pant			Faculty					Male			mohit.pant@gmail.co	m	9827626342
	Name				Туре				Gender			Email	Contact
Rupesh Dubey			Faculty					Male			hod.telecom@ipsaca	demy.org	9893066884
Humanoid Robot	Technol ogical	Stude nt- Facul ty	TRL 4: Small scale protot ype built in a labor atory envir onme nt ("ugly protot ype).	TRL 7: Dem onstr ation syste m opera ting in opera tional envir onme nt at pre- com merci al scale.	Innovati on Develop ment Ongoing	No		No	Grant Amoi in Rs	200000 unt	No	No	
	Name				Туре				Gender			Email	Contact
Rahul Pal			Faculty					Male			rahulpal@ipsacadem	y.org	7987118515
			Туре				Gender			Email	Contact		
Hritik Sharma	Student					Male			0808EC181015.ies@	ipsacademy.org	8435944789		
Himanshu Yadav	Student	Student			Male			0808EC181014.ies@ipsacademy.org		8349006947			
Dhananjay Gupta	Dhananjay Gupta							Male			0808EC181010.ies@	ipsacademy.org	8962901241

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

Sm o	Name of the Venture/Sta rtup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Sta rtup/SME Unit	Nature of Innovat ion	Name of the Pre- Incubat ion/Inc ubation Unit of HEI Suppor ted Innovat ion Develo pment	Vent ure Foun ded by	Venture Registerd as	Year of Regi strati on	What is the current status of Pre- Incubation/inc ubation 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 pro any Financial support (e own resource or fund rec from agencies) in terms of Grant/Fund Support to V establishment during financial period 2019	either ceived of Seed enture	Had the venture/startt any Seed fund/Al Investment/VC during to of receiving pre incubation/incubation s your Pre-incubation/inc HEI during the financi 2019-20	ngel the period e- support at ubation or	Had the Pre- incubat ion/Inc ubation Centre/ HEI receive d any income /revenu e from venture /startup for the pre- incubat ion/inc ubation support and the service s offered by Pre- incubat ion/inc ubation or institut e during the financi al period 2019- 20	Has the Start-up Grown to a stage of Employ ment Genera tion to 10 Numbe rs or an annual Turnov er to Rs. 50 Lakhs during the financi al year 2019-20
1	RelyTek Technologie s	Product Innovation	Techno logical	4434	Stud ent	Venture with MSME Registration No MP23A000  Venture with GST No MP23A000 2844	2016 -17	Received Incubation Support from Incubation Unit	No	No		No		No	Yes
		Name	e			DIN number		Туре	Gender			Email		Contact	
	Varun Sharm	na			MP	23A0002844	Stud	lent	Male		RELYT COM	EK_INDIA@YAHOO.	989306902	2	
2	Shree Nakoda Industries	Product Innovation	Techno logical	5233	Stud ent	Venture with MSME Registration No 23ADUPC8 106A1Z0  Venture with GST No 23ADUPC8 106A1Z0	2013 -14	Graduated from the Incubation unit	No	No		No		No	No
	Sidharth Cha	Name	e		23/	DIN number	Stud	Type	Ger Male	nder	info@sl	Email hreenakodaindustries.	982606264	Contact	

3	Manik Pharma Chem LLP	Product Innovation	Techno logical	5233	Stud ent	Venture with MSME Registration No Venture with GST No Venture	2019 -20	Graduated from the Incubation unit	No		No		No		No	No
		Name	e			DIN number		Туре		Gen	nder		Email		Contact	
	Ankit Patel				24A	ABEFM7412M1Z5	Stud	dent		Male		manikp com	harmachemllb@gmail.	982508994	<b>41</b>	
4	Northern Lights	Product Innovation	Non- Techno logical	5233	Stud	Venture with MSME Registration No 23DKCPM2 377H1Z7	2019 -20	Graduated from the Incubation unit	No		No		No		No	No
						Venture with GST No 23DKCPM2 377H1Z7										
		Name	e			DIN number		Туре		Gen	nder		Email		Contact	
	Mohammed	Mustafa Millwal	a		230	DKCPM2377H1Z7	Stud	dent		Male		master	millwala@gmail.com	997725293	34	
5	Jitisha Chemicals	Market- place Innovation	Techno logical	5233	Stud ent	Venture with MSME Registration No  Venture with  23CDPPD2 487Q1ZX  23CDPPD2	2019 -20	Graduated from the Incubation unit	No		No		No		No	No
						GST No 487Q1ZX										
		Name	e			DIN number		Туре		Gen	nder		Email		Contact	
	Suryansh Du	ıbey			230	CDPPD2487Q1ZX	Stud	dent		Male		jitishac com	hemicals3010@gmail.	898950349	99	
6	Horizon Agro	Process Innovation	Non- Techno logical	5683	Stud ent	Venture with MSME Registration No GSTIN:23A ALFH1487 R1ZQ  Venture with GST No GSTIN:23A ALFH1487 R1ZQ	2018 -19	Received Incubation Support from Incubation Unit	No		No		No		No	No
		Name	e			DIN number		Туре		Gen	nder		Email		Contact	
	Yogendra Pa	atidar			GS <sup>-</sup>	TIN:23AALFH1487R1ZQ	Stud	dent		Male		yogend	ra.patidar.390@gmail.	997779433	31	
7	Nyscom	Service Innovation	Non- Techno logical	5683	Stud ent	Venture with MSME Registration No GSTIN:23BI IPV7709Q1  Venture with GST No IPV7709Q1 ZD	2018 -19	Received Incubation Support from Incubation Unit	No		No		No		No	No

		Nam	е			DIN number		Туре		Ger	nder		Email		Contact	
	Nayan verma	a			GST	TIN:23BIIPV7709Q1ZD	Stud	lent		Male		nayan.\	erma210@gmail.com	958900537	70	
8	Galactic Hobby Square	Product Innovation	Techno logical	5253	Stud ent	Venture with MSME Registration No MP23D001 9191  Venture with GST No 23ALXPN9 507D1ZS	2013 -14	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
		Nam	e			DIN number		Туре		Ger	nder		Email		Contact	
	Aditya Naga	r			23A	LXPN9507D1ZS	Stud	lent		Male		aditya@	blacksof.com	961727134	43	
9	M/S JKM consultant	Service Innovation	Techno logical	867	Alum ni	Venture with Corporate Identification Number (CIN) Registration	2017 -18	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
		Nam	e			DIN number		Туре		Ger	nder		Email		Contact	
	Madhur Choubey			23APHPC2868N1ZO		Alun	Alumni Entrepreneur		Male		madhur0405@gmail.com		9713387251			
10	WORLD INFRA	Service Innovation	Techno logical	867	Alum ni	Venture with Corporate Identification Number (CIN) Registration	2017 -18	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
		Nam	e			DIN number		Туре		Ger	nder		Email		Contact	
	Tanmay Bha	att			23ATGPT0407R1ZD		Alun	Alumni Entrepreneur		Male		worldinfra@yahoo.com		9425058680		
11	Navkar construction & consultant	Service Innovation	Techno logical	867	Alum ni	Venture with Corporate Identification Number (CIN) Registration	2018 -19	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
		Nam	e			DIN number		Туре		Ger	nder		Email		Contact	
	Deepak Jain	ı			23A	OMPJ7616K1ZO	Alun	nni Entrepreneur		Male		deepak	jain109@hotmail.com	942480744	14	
12	Concreto construction	Service Innovation	Techno logical	867	Alum ni	Venture with Corporate Identification Number (CIN) Registration	2019 -20	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
		Nam	е			DIN number		Туре		Gender		Email		Contact		
	Madhur gupt	ta			23B	SIXPG7960B1Z3	Alun	nni Entrepreneur		Male		madhur07gupta@gmail.com		8878866495		

13	Mohit Buildcon	Service Innovation	Techno logical	867	Alum ni	Venture with	23BEHPA9 090J1ZG	2014 -15	Received Incubation Support from Incubation Unit	No		No		No		No	Yes
	Name			Name DIN number					Туре		Gender		Email		Contact		
	Madhur gupta			23B	23BEHPA9090J1ZG			Alumni Entrepreneur		Male		mohitbuildcon@gmail.com		9993993978			

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	Microbial Biotechnology Unit, National Institute of fundamental Studies, Kandy, Srilanka	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	50	13-01-2020
2	National Institute for Quantum and Radiological Science and Technology Takasaki, Gunma Japan	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	50	10-07-2019
3	BAJA SAEINDIA	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	100	25-09-2019
4	Moscow Institute of Physics and Technology (MIPT) Russia	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	100	16-02-2019
5	Dhara Design Centre Indore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	60	30-10-2019
6	Electronic Applyances Universal Transformers Indore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	60	01-08-2019
7	Apex Engineering Enterprises Indore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	29-06-2019
8	Narang Cold Storage and ICE Factory Indore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	29-06-2019
9	STI India Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	17-06-2019
10	Mahima Purespun Indore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	05-07-2019
11	MAHLE Engine Component India Pvt Ltd, Pithampur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	31-05-2019
12	Parakh Agro Industries Ltd, P,ithampur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	16-05-2019
13	Rajratan Global Wire Limited Pithampur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	180	15-04-2019

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

## 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		Nobel miniature dual-port ultra wide band MIMO Antenna	201921052961	National	2019 - 12	Uploaded
2		Smart School Bag for Assisting and Protecting the school Students by Tracking the Geographical Location	2020102178	International	2020 - 03	Uploaded

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

No Data Flled!

#### Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filed!

### **Declaration**

To, The ARIIA Committee MHRD's Innovation Cell New Delhi

## Joint Declaration by the Head of the Institute and Nodal Officer

#### Dear Sir,

Herewith, myself Dr. Archana Keerti Chowdhary (Head of Institute) and Mr. Rupesh Dubey (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

Dr. Archana Keerti Chowdhary

Head of the Institution, Indore, Madhya Pradesh Nodal officer

Mr. Rupesh Dubey Nodal Officer,

Indore, Madhya Pradesh

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