



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA)

Institute Name: Indian Institute of Technology Delhi [ARI-I-1074]

Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

Financial Year	Program Type	Name of Program	Program Theme	Program Duration	Program Conducted	Participants Details			Expenditure Incurred		
						Number of Internal Participants	Number of External Participants	Total Number of Participants	Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Awareness / Motivational Programs	Business Plan competition AARAMBH in association IITD Alumni Association and Building India Inc	Innovation	05-May-2015 to 05-May-2015 (1 Days)	Within Campus	50	0	50	0.00	500000.00	500000.00
2015-16	Awareness / Motivational Programs	Seminar on Smart Village Ecosystem supported by Unnat Bharat Abhiya European Union and FI meida	Innovation	14-May-2015 to 14-May-2015 (1 Days)	Within Campus	150	0	150	0.00	500000.00	500000.00
2015-16	Awareness / Motivational Programs	BIG Conclave	Entrepreneurship/ Startup	26-May-2015 to 27-May-2015 (2 Days)	Outside Campus	5	95	100	0.00	600000.00	600000.00
2015-16	Awareness / Motivational Programs	Start-up Conclave and Release of Coffee table book	Entrepreneurship/ Startup	09-Sep-2015 to 09-Sep-2015 (1 Days)	Within Campus	200	225	425	0.00	150000.00	150000.00
2015-16	Awareness / Motivational Programs	Start-up to Unicorn	Entrepreneurship/ Startup	15-Sep-2015 to 15-Sep-2015 (1 Days)	Within Campus	100	0	100	10000.00	0.00	10000.00
2015-16	Other Related Programs	Social Good Summit with theme Technology for Social Good	Innovation	28-Sep-2015 to 28-Sep-2015 (1 Days)	Within Campus	250	0	250	15000.00	0.00	15000.00
2015-16	Awareness / Motivational Programs	Start-up Launcher - A Seminar to Jump Start ideas in Startup by EDC and FITT	Entrepreneurship/ Startup	26-Nov-2015 to 26-Nov-2015 (1 Days)	Within Campus	250	0	250	15000.00	0.00	15000.00
2015-16	Workshops / Training / Seminars / Conferences	Strategic Innovation and Flexibility	Innovation	04-Dec-2015 to 06-Dec-2015 (3 Days)	Within Campus	0	18	18	0.00	386000.00	386000.00

Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

2015-16	Awareness / Motivational Programs	Whiztrain Innovation Program by EDC IIT Delhi in collaboration with Whiztrain Ventures	Innovation	16-Jan-2016 to 16-Jan-2016 (1 Days)	Within Campus	300	0	300	0.00	100000.00	100000.00
2015-16	Awareness / Motivational Programs	Lecture cum interaction session with Chris Cox,Chief Product Officer, Facebook by EDC	Entrepreneurship/ Startup	16-Jan-2016 to 16-Jan-2016 (1 Days)	Within Campus	200	0	200	0.00	50000.00	50000.00
2015-16	Awareness / Motivational Programs	Empowering Entrepreneurs Through Global Alumni Eco-System at IIT Delhi	Entrepreneurship/ Startup	11-Mar-2016 to 13-Mar-2016 (3 Days)	Within Campus	150	0	150	0.00	50000.00	50000.00
2015-16	Awareness / Motivational Programs	Lecture on Intellectual Property Rights by Prof. P. Ganguly, Advisor VISION IPR	IPR	28-Sep-2016 to 28-Sep-2016 (1 Days)	Within Campus	100	0	100	50000.00	0.00	50000.00
2016-17	Awareness / Motivational Programs	Reverse Pitch Acceleration Summit	Innovation	08-Jan-2016 to 08-Jan-2016 (1 Days)	Within Campus	40	30	70	100000.00	0.00	100000.00
2016-17	Workshops / Training / Seminars / Conferences	Social Entrepreneurship	Innovation	08-Apr-2016 to 08-Apr-2016 (1 Days)	Within Campus	80	40	120	0.00	20000.00	20000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Start-up Showcase by eDC	Innovation	25-Apr-2016 to 25-Apr-2016 (1 Days)	Outside Campus	0	500	500	0.00	500000.00	500000.00
2016-17	Awareness / Motivational Programs	Leave a Nest	Entrepreneurship/ Startup	29-Apr-2016 to 29-Apr-2016 (1 Days)	Within Campus	50	20	70	100000.00	0.00	100000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Exhibition for Ministry of Human Resource Development	Innovation	29-Apr-2016 to 29-Apr-2016 (1 Days)	Within Campus	25	0	25	50000.00	0.00	50000.00
2016-17	Workshops / Training / Seminars / Conferences	SIMAP Management Skill formation Program for Entrepreneurial Ventures	Entrepreneurship/ Startup	20-Jun-2016 to 30-Sep-2016 (103 Days)	Within Campus	0	11	11	0.00	313500.00	313500.00
2016-17	Workshops / Training / Seminars / Conferences	Startup Accelerator Program	Entrepreneurship/ Startup	16-Sep-2016 to 18-Sep-2016 (3 Days)	Within Campus	0	35	35	0.00	650000.00	650000.00
2016-17	Awareness / Motivational Programs	An interactive Session for all young minds on How to start a startup- with Ritesh Malik	Entrepreneurship/ Startup	16-Sep-2016 to 16-Sep-2016 (1 Days)	Within Campus	55	0	55	7000.00	0.00	7000.00

Awareness / Training / Programmes organized by the Institute

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2016-17	Workshops / Training / Seminars / Conferences	Startup Accelerator Program	Entrepreneurship/ Startup	23-Sep-2016 to 25-Sep-2016 (3 Days)	Within Campus	0	35	35	0.00	520000.00	520000.00
2016-17	Workshops / Training / Seminars / Conferences	Advance Workshop on IPR	IPR	28-Sep-2016 to 28-Sep-2016 (1 Days)	Within Campus	80	0	80	20000.00	0.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	24th SIDBI SIMAP Management Skill formation Program for Entrepreneurial Ventures	Entrepreneurship/ Startup	25-Nov-2016 to 05-Mar-2017 (101 Days)	Within Campus	0	17	17	0.00	586500.00	586500.00
2016-17	Other Related Programs	Ramesh Raskar from MIT Media Lab lecture on REDX Innovating for Billions	Innovation	14-Dec-2016 to 14-Dec-2016 (1 Days)	Within Campus	500	0	500	15000.00	0.00	15000.00
2016-17	Awareness / Motivational Programs	Start-up Hero Hunt - Entrepreneur Startup Awards 2018	Innovation	22-Jan-2017 to 22-Jan-2017 (1 Days)	Within Campus	600	450	1050	0.00	50000.00	50000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	HITLAB Innovation Summit	Entrepreneurship/ Startup	16-Feb-2017 to 17-Feb-2017 (2 Days)	Within Campus	100	50	150	0.00	500000.00	500000.00
2016-17	Workshops / Training / Seminars / Conferences	Management Capacity Development	Entrepreneurship/ Startup	02-Mar-2017 to 04-Mar-2017 (3 Days)	Within Campus	0	31	31	0.00	600000.00	600000.00
2016-17	Awareness / Motivational Programs	Innovation Campuses, Science Parks and Incubators	Entrepreneurship/ Startup	01-Nov-2017 to 01-Nov-2017 (1 Days)	Within Campus	10	60	70	25000.00	0.00	25000.00
2017-18	Awareness / Motivational Programs	Half day lecture program on entrepreneurship by Angel Network	Entrepreneurship/ Startup	02-Jun-2017 to 02-Jun-2017 (1 Days)	Within Campus	150	0	150	20000.00	0.00	20000.00
2017-18	Awareness / Motivational Programs	Grooming a Biotech Start-up (Innovation and Entrepreneurship)	Entrepreneurship/ Startup	02-Jun-2017 to 02-Jun-2017 (1 Days)	Within Campus	10	25	35	15000.00	0.00	15000.00
2017-18	Workshops / Training / Seminars / Conferences	Action Seminar on IP Management and Technology Transfer	IPR	02-Aug-2017 to 02-Aug-2017 (1 Days)	Within Campus	25	55	80	0.00	25000.00	25000.00
2017-18	Awareness / Motivational Programs	Start-up Infrastructure in India	Entrepreneurship/ Startup	25-Aug-2017 to 25-Aug-2017 (1 Days)	Outside Campus	0	500	500	0.00	200000.00	200000.00
2017-18	Other Related Programs	Seminar on IITD AIA Smart Advanced Manufacturing and Rapid Transformation Hub	Innovation	27-Aug-2017 to 27-Aug-2017 (1 Days)	Within Campus	250	0	250	0.00	250000.00	250000.00

Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

2017-18	Awareness / Motivational Programs	IP Mentoring Session	IPR	04-Sep-2017 to 04-Sep-2017 (1 Days)	Within Campus	55	0	55	5000.00	0.00	5000.00
2017-18	Awareness / Motivational Programs	Mentoring program for Start-ups	Entrepreneurship/ Startup	07-Sep-2017 to 07-Sep-2017 (1 Days)	Within Campus	50	0	50	30000.00	0.00	30000.00
2017-18	Workshops / Training / Seminars / Conferences	Startup Accelerator Program 2017	Entrepreneurship/ Startup	08-Sep-2017 to 10-Sep-2017 (3 Days)	Within Campus	10	35	45	0.00	480000.00	480000.00
2017-18	Awareness / Motivational Programs	IP Awareness Session by Dr. Malathi Lakshnikumaran	IPR	08-Sep-2017 to 08-Sep-2017 (1 Days)	Within Campus	80	0	80	20000.00	0.00	20000.00
2017-18	Workshops / Training / Seminars / Conferences	IIT Delhi Research Cafe Seminar on Bridging Academic R and D with Product Innovation by Prof V.Ramgopal Rao	Innovation	08-Sep-2017 to 08-Sep-2017 (1 Days)	Within Campus	250	0	250	20000.00	0.00	20000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Indusry Day at IIT Delhi	Innovation	23-Sep-2017 to 23-Sep-2017 (1 Days)	Within Campus	400	200	600	1500000.00	0.00	1500000.00
2017-18	Other Related Programs	IIT Delhi Leadership Conclave 2017 on Creating Eco-system for the 4th Industrial Revolution	Innovation	11-Nov-2017 to 11-Nov-2017 (1 Days)	Outside Campus	50	350	400	0.00	500000.00	500000.00
2017-18	Awareness / Motivational Programs	IP Awareness Lecture by Mr. Amit Shukla, SIDBI Kanpur	IPR	27-Nov-2017 to 27-Nov-2017 (1 Days)	Within Campus	80	0	80	20000.00	0.00	20000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	24-hour Samsung SMARTathon, IIT-Delhi	Innovation	30-Nov-2017 to 01-Dec-2017 (2 Days)	Within Campus	8	32	40	0.00	580000.00	580000.00
2017-18	Workshops / Training / Seminars / Conferences	Executive Management Programme on Business Models	Entrepreneurship/ Startup	16-Dec-2017 to 21-Jan-2018 (37 Days)	Within Campus	0	27	27	0.00	1889998.00	1889998.00
2017-18	Awareness / Motivational Programs	Strengthening Entrepreneurship Ecosystem	Entrepreneurship/ Startup	08-Jan-2018 to 08-Jan-2018 (1 Days)	Within Campus	70	0	70	35000.00	0.00	35000.00
2017-18	Awareness / Motivational Programs	Lecture on Innovation and Technology Transfer by Dr. Anil Wali	Innovation	20-Jan-2018 to 20-Jan-2018 (1 Days)	Outside Campus	0	600	600	0.00	50000.00	50000.00
2017-18	Workshops / Training / Seminars / Conferences	Joint Mentoring Program for Start-Up	Entrepreneurship/ Startup	27-Jan-2018 to 27-Jan-2018 (1 Days)	Within Campus	20	30	50	20000.00	0.00	20000.00

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2017-18	Awareness / Motivational Programs	Foundation Day Lecture by Prof Harish Hande at Seminar Hall IIT Delhi -What does Engineering mean for India and are we there area Engineering, Innovation and Technology	Innovation	29-Jan-2018 to 29-Jan-2018 (1 Days)	Within Campus	400	0	400	50000.00	0.00	50000.00
2017-18	Awareness / Motivational Programs	Innovation to Commercialization at TiECon at Chandigarh	Innovation	09-Mar-2018 to 09-Mar-2018 (1 Days)	Outside Campus	0	550	550	0.00	200000.00	200000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Indusry Day	Innovation	09-Sep-2018 to 09-Sep-2018 (1 Days)	Within Campus	500	200	700	700000.00	1700000.00	2400000.00

Institute's Participation in Events / Programmes organized by the External Agencies

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

Financial Year	Program Type	Program Theme	Name of Event	Organizing Agency / Institute Name	Level of Event	Type of Participants	Nos of Participants	Achievements (Awards/Recognitions/Prize, If any)	Expenditure Incurred		
									Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Workshops / Training / Seminars / Conferences	Innovation	Make in India	IIT Mumbai	National	Both	200	Recognition	500000.00	400000.00	900000.00
2015-16	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	India Soft	Electronics and Computer Software Export Promotion Council	International	Both	50		0.00	200000.00	200000.00
2015-16	Workshops / Training / Seminars / Conferences	Innovation	Open Innovations Forum 2015	St. Petersburg International Economic Forum Foundation	International	Both	500	Speaker in the Round Table on "Building Global Innovation Universities"during the Education Day	100000.00	0.00	100000.00
2015-16	Awareness / Motivational Programs	Entrepreneurship/S tartup	Wallonia Tech India 2015	Wallonia Export and Investment Agency (AWEX)	International	Both	200	Program Partner	150000.00	0.00	150000.00
2015-16	Awareness / Motivational Programs	Entrepreneurship/S tartup	IGNITE 2015	BIRAC	International	Both	100	FITT BIRAC supported start-ups participated in the event	0.00	500000.00	500000.00
2016-17	Awareness / Motivational Programs	Entrepreneurship/S tartup	IGNITE Program 2016	BIRAC	International	Both	150	FITT BIRAC supported start ups participated in event	0.00	500000.00	500000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	3rd International Toxicology Conclave	CSIR-Indian Institute of Toxicology Research Lucknow	National	Both	500	-	0.00	0.00	0.00

Institute's Participation in Events / Programmes organized by the External Agencies

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	SIMAP Management Skill formation Program for Entrepreneurial Ventures	self sponsored	National	Both	11	nil	0.00	313500.00	313500.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	India Soft	Electronics and Computer Software Promotion Council	International	Both	50		0.00	2000000.00	2000000.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	MICROCON 2017	Panjab University Chandigarh	International	Both	300	keynote address on IP	0.00	30000.00	30000.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	8th edition of VibrantGujarat Global Investment Summit	State Govt of Gujarat	International	Both	1000	As a Speaker during Action Seminar on Innovation, Start-ups, and Entrepreneurship	0.00	25000.00	25000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Vibrant Gujarat Start-up Summit 2016	State Govt of Gujarat	International	Both	1000	Invited to the Summit as a Speaker	0.00	25000.00	25000.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	MoU Signing	Daegu CCEI	International	Both	50	MoU signing with Daegu CCEI	150000.00	0.00	150000.00
2016-17	Workshops / Training / Seminars / Conferences	IPR	BioConclave 2016	EPG	International	Both	200	Speaker in the Bioconclave	200000.00	0.00	200000.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	TIECON 2018	ISB Mohali	National	Both	250	--	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	BIXPO Summit 2017	South Korea	International	Both	300	--	100000.00	0.00	100000.00

Pre-Incubation and Incubation facilities exist in-campus

Total Annual Expenditure Incurred towards Creation of Pre-Incubation and Incubation Facilities in Campus

Financial Year	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility area in Sq Ft	Operational Cost of Centre (in Rs.) (Construction Cost is excluded)		
							Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2016-17	TECHNOLOGY BUSINESS INCUBATOR -TB1	Incubation	2017	BLOCK1 , IIT DELHI CAMPUS HAUZ KHAS NEW DELHI	DR. ANIL WALI	600	400000.00	0.00	400000.00
2017-18	Incubation Facility at IIT Delhi's Sonipat Campus	Incubation	2018	RGEC, Kundli, Haryana	Mr. K.K. Roy	12000	2500000.00	0.00	2500000.00

Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

Financial	Category	Name of Idea /	Applicant Type	Academic Year of	Project Completion	Core Team Size	Fund Supported			Current Status (as
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Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

Year		Project / Innovation / Startup		Study		(Nos)					of 31st March 2018)
							Institution Own Seed Fund	Seed Grant from Funding Agency	Angel / Venture Capital Fund	Total Supported Amount	
2015-16	Idea to PoC / Prototype / Innovation	JAYANT SUTARAM KARVE	Entrepreneurs External to Institute		Successfully Completed	2	259180.00	0.00	0.00	259180.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	ACTORIOUS	Entrepreneurs External to Institute		Successfully Completed	2	800000.00	0.00	0.00	800000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	PAWAN MEHROTRA	Entrepreneurs External to Institute		Successfully Completed	2	2300000.00	0.00	0.00	2300000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	MAHESH SHANKAR DHAR	Entrepreneurs External to Institute		Successfully Completed	2	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	AMNIVOR MEDIARE PVT LTD	Entrepreneurs External to Institute		Successfully Completed	3	1325000.00	0.00	0.00	1325000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	W GOWARISHANKA R	Entrepreneurs External to Institute		Successfully Completed	2	1544000.00	0.00	0.00	1544000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	Innovator Lab Consultant India Private limited	Entrepreneurs External to Institute		Successfully Completed	3	2000000.00	0.00	0.00	2000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	i4vision Diagnostics Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	ABHIJIT BAILUR	Entrepreneurs External to Institute		Successfully Completed	2	2100000.00	0.00	0.00	2100000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	Suven Bhattacharjee	Entrepreneurs External to Institute		Successfully Completed	2	1200000.00	0.00	0.00	1200000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	VIVEKANAND PERUMAL	Faculty		Successfully Completed	2	1700000.00	0.00	0.00	1700000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	S G ART HERAT	Entrepreneurs External to Institute		Successfully Completed	4	2500000.00	0.00	0.00	2500000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	ALKABEN MANISH BANKER	Entrepreneurs External to Institute		Successfully Completed	2	800000.00	0.00	0.00	800000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	ANUPAM BAM	Entrepreneurs External to Institute		Successfully Completed	2	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	A PALLAVI	Entrepreneurs External to Institute		Successfully Completed	2	200000.00	0.00	0.00	200000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	Bhamis Research Lab Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1400000.00	0.00	0.00	1400000.00	Startup under Incubation Phase

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2015-16	Idea to PoC / Prototype / Innovation	H N SHIVAKUMAR	Entrepreneurs External to Institute		Successfully Completed	2	664000.00	0.00	0.00	664000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	SITA LOGISTICS	Entrepreneurs External to Institute		Successfully Completed	2	300000.00	0.00	0.00	300000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	M K REDDY	Entrepreneurs External to Institute		Successfully Completed	2	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	NEERA BHALLA SARIN	Entrepreneurs External to Institute		Successfully Completed	2	1700000.00	0.00	0.00	1700000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	NEXTEC LIFE SCIENCE PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	2	1100000.00	0.00	0.00	1100000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	Plasmatech Solutions Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1300000.00	0.00	0.00	1300000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	SAKHOSH BIOTECH PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	SHALINI GUPTA	Faculty		Successfully Completed	2	220000.00	0.00	0.00	220000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	.Yaathum Biotech Private limited	Entrepreneurs External to Institute		Successfully Completed	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	AJIT VERMA	Entrepreneurs External to Institute		Successfully Completed	2	750000.00	0.00	0.00	750000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	SARITA AHLAWAT	Entrepreneurs External to Institute		Successfully Completed	2	1200000.00	0.00	0.00	1200000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	OMNIA INFO PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	2	0.00	1000000.00	0.00	1000000.00	Startup under Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	CREDITAS SOLUTION PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	2	0.00	1000000.00	0.00	1000000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	CREDITAS SOLUTIONS PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	2	0.00	1500000.00	0.00	1500000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Innovators Lab Consultant India Private Limited.	Entrepreneurs External to Institute		Successfully Completed	2	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	i4Vision Diagnostics	Entrepreneurs External to Institute		Successfully Completed	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	A PALLAVI	Entrepreneurs External to Institute		Successfully Completed	2	235000.00	0.00	0.00	235000.00	Startup under Incubation Phase

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Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

2016-17	Idea to PoC / Prototype / Innovation	MAHESH SHANKAR DHAR	Entrepreneurs External to Institute		Successfully Completed	2	450000.00	0.00	0.00	450000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Amnivor Medicare Private Limited	Entrepreneurs External to Institute		Successfully Completed	2	385000.00	0.00	0.00	385000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Actorius Innovations	Entrepreneurs External to Institute		Successfully Completed	2	415104.00	0.00	0.00	415104.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Sushanth Poojary	Entrepreneurs External to Institute		Successfully Completed	2	1644000.00	0.00	0.00	1644000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	SG ArtHeart Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	M K Reddy	Entrepreneurs External to Institute		Successfully Completed	2	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	AJIT VERMA	Entrepreneurs External to Institute		Successfully Completed	2	1479385.00	0.00	0.00	1479385.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Bhamis Research Lab Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1600000.00	0.00	0.00	1600000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Yaathum Biotech Private Limited.	Entrepreneurs External to Institute		Successfully Completed	4	1650000.00	0.00	0.00	1650000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Suven Bhattacharjee	Entrepreneurs External to Institute		Successfully Completed	2	1400000.00	0.00	0.00	1400000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	ABHIJIT BAILUR	Entrepreneurs External to Institute		Successfully Completed	2	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	SAKHOSH BIOTECH PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	4	1900000.00	0.00	0.00	1900000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	NEXTEC LIFE SCIENCE PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	2	2300000.00	0.00	0.00	2300000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Plasmatech Solutions Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1200000.00	0.00	0.00	1200000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	SARITA AHLAWAT	Entrepreneurs External to Institute		Successfully Completed	2	1200000.00	0.00	0.00	1200000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Cutting Edges Medical Devices	Entrepreneurs External to Institute		On Progress	2	1450000.00	0.00	0.00	1450000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Vanaja K Gowda	Entrepreneurs External to Institute		On Progress	2	2450000.00	0.00	0.00	2450000.00	Startup under Incubation Phase

Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

2016-17	Idea to PoC / Prototype / Innovation	Vivekanandan Perumal	Faculty		Successfully Completed	2	1785803.00	0.00	0.00	1785803.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Neera Bhalla Sarin	Entrepreneurs External to Institute		Successfully Completed	2	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	PAWAN MEHROTRA	Entrepreneurs External to Institute		Successfully Completed	2	1650000.00	0.00	0.00	1650000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	ALKABEN MANISH BANKER	Entrepreneurs External to Institute		Successfully Completed	2	1300000.00	0.00	0.00	1300000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	ANUPAM BAM	Entrepreneurs External to Institute		Successfully Completed	2	1200000.00	0.00	0.00	1200000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Testright Nanosystems Private Limited	Entrepreneurs External to Institute		On Progress	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Algosurg Products Private Limited	Entrepreneurs External to Institute		On Progress	4	1400000.00	0.00	0.00	1400000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	P Sarat Chandra	Entrepreneurs External to Institute		On Progress	2	1100000.00	0.00	0.00	1100000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Aarti Sharma	Entrepreneurs External to Institute		Successfully Completed	2	1300000.00	0.00	0.00	1300000.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Stellargene Technologies Private Limited	Entrepreneurs External to Institute		On Progress	4	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	i4vision Diagnostics Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1000000.00	0.00	0.00	1000000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	SAKHOSH BIOTECH PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	4	382586.00	0.00	0.00	382586.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	NEXTEC LIFE SCIENCE PRIVATE LIMITED	Entrepreneurs External to Institute		Successfully Completed	4	751820.00	0.00	0.00	751820.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	VANAJA K GOWDA	Entrepreneurs External to Institute		Successfully Completed	2	329334.00	0.00	0.00	329334.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	PAWAN MEHROTRA	Entrepreneurs External to Institute		Successfully Completed	2	244431.00	0.00	0.00	244431.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Testright Nanosystems Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	1750000.00	0.00	0.00	1750000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Algosurg Products Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	2000000.00	0.00	0.00	2000000.00	Startup under Incubation Phase

Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

2017-18	Idea to PoC / Prototype / Innovation	P Sarat Chandra	Entrepreneurs External to Institute		On Progress	2	800000.00	0.00	0.00	800000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Aarti Sharma	Entrepreneurs External to Institute		Successfully Completed	2	900000.00	0.00	0.00	900000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	SWATI MIDHA	Entrepreneurs External to Institute		Successfully Completed	2	1300000.00	0.00	0.00	1300000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Stellargene Technologies Private Limited	Entrepreneurs External to Institute		Successfully Completed	4	2300000.00	0.00	0.00	2300000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Helixworks Technologies Private Limited	Entrepreneurs External to Institute		On Progress	4	2600000.00	0.00	0.00	2600000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Corwood Technologies	Entrepreneurs External to Institute		On Progress	2	2600000.00	0.00	0.00	2600000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Fermentech Lab Private Limited	Entrepreneurs External to Institute		On Progress	4	1300000.00	0.00	0.00	1300000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Biswjeet Kundu	Entrepreneurs External to Institute		On Progress	2	1350000.00	0.00	0.00	1350000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Imtyaz Alam	Entrepreneurs External to Institute		On Progress	2	1800000.00	0.00	0.00	1800000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Turiya Innovations Private Limited	Entrepreneurs External to Institute		On Progress	4	1500000.00	0.00	0.00	1500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	AQYASENSE PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	2	0.00	2500000.00	0.00	2500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	VIZARA TECHNOLOGY PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	2	0.00	1500000.00	0.00	1500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	BOTLAB DYNAMIC PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	2	0.00	1500000.00	0.00	1500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	VECMOCON TECHNOLOGY PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	3	0.00	2500000.00	0.00	2500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	NANOCLEAN GLOBALE PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	2	0.00	1500000.00	0.00	1500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	LUMINASIC PRIVATE LIMITED	Entrepreneurs External to Institute		On Progress	2	0.00	2500000.00	0.00	2500000.00	Startup under Incubation Phase

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

Financial Year	Title of Patent	Patent Application No	Inventors Type	Type of Patent Application Filed	Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rs.)		
						Institution Own Fund	Sponsorship / Grant Fund	Total Amount Spent towards Patent Filing (in Rs.)
2015-16	A device for automated diagnosis of Epilepsy	201611043166	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	Alternate Crystal Excitation And Homogenous Channel Matrix Estimation In Ultrasound Transient Elastography	4361/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Single Step Process of Making 3D Porous Construct Based on Aliphatic Polyesters	4302/DEL/2015	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2015-16	Method of surface modification of enzyme co-aggregates, reagents, surface modified enzyme co-aggregates and uses thereof OR Arginine Grafted Enzyme Aggregates (AGEA)	4301/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	MYCO-Capsules for Bio remediation of waste water	4051/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Scar preventing wound dressing material	3945/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	A METHOD OF ENHANCING GROWTH OF A PROBIOTIC BACTERIAL STRAIN, REAGENTS, COMPOSITIONS AND USES THEREO	3825/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	An internal hub gear system	3793/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Magnetic enrichment of magnetically marked analytes	PCT/IN2015/050168	Faculty	International	Application Published	150000.00	0.00	150000.00
2015-16	Magnetic capturing of rare cells or On chip immunocapture and fluorescent detection of rare cells in large sample volume	PCT/IN2015/050155	Faculty	International	Application Published	150000.00	0.00	150000.00
2015-16	Composite fibers having aligned inorganic nano structures of high aspect ratio and preparation method	3390/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Photocatalytic degradation of dyes in a photochemical foam-bed reactor	3286/Del/2015	Faculty	National	Application Published	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2015-16	A system and method for detecting or identifying the substances and their composition	PCT/IN2015/000364	Faculty	International	Application Published	150000.00	0.00	150000.00
2015-16	Synthesis of 2-Aminoquinoline-3-carbonitrile	2896/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Evanescent wave-based illumination or Compact evanescent wave illumination device for fluorescence imaging and biosensing	2673/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Promoter Nucleic Acid Molecules Derived from Gordonia And Uses Thereof	PCT/IN2015/050099	Faculty	International	Application Published	150000.00	0.00	150000.00
2015-16	Process for expression of biologically active recombinant proteins in Escherichia Coli	2437/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	A process for synthesis of metal core-carbon shell nanoparticles	2178/DEL/2015	Faculty	National	Patent Granted	80000.00	0.00	80000.00
2015-16	A process for electrochemical polymerization onto fabrics	2167/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Conversion of -6-amyl-alpha-pyrone in 2-nonene-4-one via ring opening and decarboxylation	2120/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Hydro-wind-photovoltaic based standalone microgrid system	2031/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Hip protective device	2030/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	A device for measurement of electrical properties of electro-conductive fabrics	1874/DEL/2015	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	A method of bio-harvesting and pre-treating algal biomass and uses thereof	1593/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	A process for the preparation of Alkyl Ester of Fatty Acids OR Biodiesel with modified lipases	1585/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Non-invasive system and method for glucose monitoring	1587/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	A controlled release formulation and a method of preparation thereof	1498/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2015-16	A method for continuous manufacturing of porous polymeric sheets and or films	1036/DEL/2015	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Cap Remover	201611001792	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	System and method for protecting fragile objects OR Smartcase for Smartphones	201611001797	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	Water pumping system with solar photovoltaic array FED brushless DC motor and a method thereof	201611002791	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	AN ASSAY AND KIT FOR DETECTION OF ENDOTOXIN	201611007932	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2015-16	INTER-CONNECTED CARBON NANO-SHEETS (ICNS) BASED COUNTER ELECTRODE CATALYST PASTE FORMULATION FOR DYE-SENSITIZED SOLAR CELL (DSSC) AND METHOD OF DEPOSITION OF THE SAME	201611008273	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	APPARATUS AND PROCESS FOR UNIFORM DEPOSITION OF POLYMERIC NANOFIBERS ON SUBSTRATE	201611002981	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2015-16	A polyacrylonitrile ultrafiltration membrane for removal of arsenic and chromium	2470/DEL/2015	Faculty	National	Application Published	80000.00	0.00	80000.00
2015-16	A system and a method for free space optical communications	14/918032	Faculty	International	Patent Granted	600000.00	0.00	600000.00
2016-17	PROCESS FOR ENHANCED PRODUCTION OF RECOMBINANT HUMAN SERUM ALBUMIN IN E. COLI THROUGH CHAPERONE ASSISTANCE	201611045154	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A digital holographic microscope	201611044711	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Low disruption current estimated boost converter for PV maximum power extraction	201611044660	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Ionic liquid based support for manufacture of peptides	201611044691	Faculty	National	Application under Examination	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2016-17	Image Sensor	PCT/IN2016/050460	Faculty	International	Application Published	150000.00	0.00	150000.00
2016-17	A Grid Interfaced SPV Array Fed Water Pumping System	201611043296	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Regeneration of Carbon Monoxide poisoned Anode Catalysts in Proton Exchange membrane fuel cells	201611043064	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Textile strctures for controled in vitro bone cell differentiation	201611042165	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Photovoltaic array fed water pumping system with switched reluctance motor and a method thereof	201611041358	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A microelectromechanical (MEMS) switch	201611041136	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A process for preparation of a peptide	201611044692	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Polyelectrolyte gels for sorption of crude oil and its emulsions with sea water and deionized water and its process thereof	201611044493	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A formulation for stabilizing bio-therapeutics	201611040627	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Alcohol-Diesel-Waer Microemulsion Fuels	201611039919	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A composite electrocatalyst	201611039740	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A PV power generating system for improving power extraction of solar PV module arrays	201611039481	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A single phase dual mode reconfigurable microgrid system	201611039288	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Training a neural network	201611039147	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Image Sensor	201611038992	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	An assay and kit for detection of endotoxin	PCT/IN2016/050397	Jointly with Industry	International	Application Published	150000.00	0.00	150000.00
2016-17	Multilobe adaptive fluid film journal bearing	201611037710	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Development of a new process for C-N coupling	201611035982	Faculty	National	Application under Examination	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2016-17	Composite fibers having aligned inorganic nano structures of high aspect ratio and preparation method	PCT/IN2016/050358	Faculty	International	Application Published	150000.00	0.00	150000.00
2016-17	A lobular dental implant	201611035669	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Green fluorescent carbon dots for PH sensing	201611034567	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Fluid film journal bearing	201611034323	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A grid interactive solar photovoltaic based water pumping system and method thereof	201611033785	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Method of enhancing protein activity	201613031714	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Smart Power Management in DC Home	201611030904	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A novel device for measuring pressure pulses based on Applanation Tonometry	201611027931	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Polymer tubes for manufacturing stents	201611035281	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Process for production, and isolation of recombinant human serum albumin in E. Coli	201611027096	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Process for preparation of hydric alcohols	201611026074	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Flexible composites for ballistic applications	201611022723	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2016-17	Automatic strap mechanism for motorcycle helmet	201611022496	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Organelle-Targeting Nanocarrier	201611021445	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Twin Multiple rotor vertical axis wind turbine	201611020927	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Flexure based passive grippers	201611020355	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Membrane-less variable focus liquid lens with manual actuation	201611017565	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Circuit topology of Modular Multilevel Converter (MMC) from DC to AC Power Conversion applications	201611016874	Faculty	National	Application under Examination	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2016-17	Triple-Layer wound dressing material and method of preparation thereof	201613015936	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	In-Vitro engineered virus-like particles from Flock House Virus Capsid proteins and uses thereof	201611015600	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Formation of Ester and Amide Bonds by Enzymes in an Aqueous media	201611015608	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Method for monitoring of foulants present on Chromatographic resins using Fluorescence Probe	201611015421	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Catalyst composition for conversion of Sulfur Trioxide and Hydrogen production process	201611014898	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	Process for conversin of Sulfur Trioxide and Hydrogen production	201611014896	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	A GRID INTERFACED SMART CHARGING STATION	201611013453	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	SYSTEM AND DEVICE FOR MEASURING THE COMPRESSION PROPERTIES OF TEXTILES	201611014157	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	ALUMINOSILICATE BASED CATALYST FOR CONVERSION OF NATURAL GAS TO HIGHER HYDROCARBONS AND PROCESS THEREOF	201611014377	Jointly with Industry	National	Application Published	80000.00	0.00	80000.00
2016-17	System and method for full resolution fourier domain OCT imaging	201641012326	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2016-17	System and method for reduction of torque ripple in double inverter fed wound rotor induction machine	201711010509	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Versatile tangential flow membrane based separation equipment	201711010134	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	System and method for engineering robust laser beams capable of propagating through random media with minimal distortion	201711009918	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Appratus for measurement of heat transfer through thermal protective clothing	201711009514	Faculty	National	Application Published	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2016-17	Gasoline composition comprising Alkyl Levulinates and process of making the same	201711008334	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Stimuli sensitive polymeric nanosystem for Co-delivery of drugs and nucleic acids	201711008171	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A SYSTEM AND METHOD FOR DETECTING OR IDENTIFYING THE SUBSTANCES AND THEIR COMPOSITION	201717006422	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A back to back DC-DC-PV battery isolated system to mimic inverter to drive daily appliances	201711005776	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Compact coiled flow inverters as in-line mixers	201711003181	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	Molybdenum Trioxide and Nano Silicon chips for Acetone detection	201711002327	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	A cell-penetration peptide sequence	201711002028	Faculty	National	Application Published	80000.00	0.00	80000.00
2016-17	System and method for protecting fragile objects	PCT/IB2017/050239	Faculty	International	Application Published	150000.00	0.00	150000.00
2016-17	Method of scheduling of tasks in an IOT network	201711000557	Faculty	National	Application Published	80000.00	0.00	80000.00
2017-18	Nasal filter with nanofibres and a process thereof	201711033337	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	IONIC LIQUID BASED SUPPORT FOR MANUFACTURE OF PEPTIDES	PCT/IN2017/050623	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A PROCESS FOR PREPARATION OF A PEPTIDE	PCT/IN2017/050624	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	Compact coiled flow inverters as in-line mixers	PCT/IB2017/057982	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A single stage solar PV array fed water pumping system	201711044274	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Multi-purpose charging station for E-Rickshaws in rural areas	201711044219	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A flame retardant composition and applicatios thereof	201711044261	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A 3D bioprinted scar tissue model	201711043083	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	Polypropylene composites and method for preparation thereof	201711042109	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Biosensing Devices	201711041573	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A loop power flow controller for DC distribution networks	201711041558	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Molecularly modified Schottky barrier diode	201711041322	Faculty	National	Provisional/Complete Specification	40000.00	0.00	40000.00
2017-18	Neural network classifier	15815309	Faculty	International	Application under Examination	650000.00	0.00	650000.00
2017-18	A single sensor based Maximum Power Point Tracking (MPPT) technique for battery charging	201711039663	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	PROCESS AND SYSTEM FOR NANO-FINISHING A SURFACE	201711038585	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Bending of orthopaedic plates	201711038563	Faculty	National	Provisional/Complete Specification	40000.00	0.00	40000.00
2017-18	FIFTH-ORDER GENERALIZED INTEGRATOR BASED REDUCED SENSOR TOPOLOGY FOR THREE-PHASE TWO-STAGE GRID INTEGRATED SOLAR PHOTOVOLTAIC SYSTEM	201711037832	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Process to produce decalactone by integrated fermentation and catalytic processing of biomass	201711037804	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Exoskeleton device for upper limb Rehabilitaiton	201711037641	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Tactile feedback in laparoscopes	201711037642	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Capillary electrophoresis microchip for beer and wine quality testing	201711036017	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A photo-voltaic fed single input dual output DC DC converter system for driving load	201711035828	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Synergistic combinations of natural antimicrobials encapsulated in the porous PLGA particles and their application in food preservation	201711035034	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	METHODS FOR ENHANCED EXPRESSION OF HUMAN SERUM ALBUMIN	201711034803	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Diagnosis of subclinical mastitis in dairy animals	201711034211	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A system for obtaining multi-directional view images	201711034199	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A system for acquiring bidirectional view images	201711034198	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A biocompatible triblock copolymer and methods thereof	201711034212	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	MOLYBDENUM TRIOXIDE AND NANO SILICON CHIPS FOR ACETONE DETECTION	PCT/IN2017/050421	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	Thin Capacitively-Coupled Thyristor (TCCT) for ultra-high sensitivity biosensing applications	201711033219	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Process for Shikimic Acid production	201711032923	Faculty	National	Application Published	80000.00	0.00	80000.00
2017-18	Magnetic enrichment of magnetically marked analytes	201706284	Faculty	International	Provisional/Complete Specification	650000.00	0.00	650000.00
2017-18	Co-operative Movement for Photovoltaic Irrigation (CMPVI) based Irrigation System	201711032656	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	BIPOLAR IMPACT IONIZATION MOSFET (I-MOS)	201711032311	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	METHOD, SYSTEM AND APPARATUS FOR MULTILINGUAL AND MULTIMODAL KEYWORD SEARCH IN A MIXLINGUAL CH CORPUS	201711032030	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A process for preparing three dimensional porous scaffold and the three dimensional porous scaffold formed thereof	201711031869	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A novel green micro-emulsion for controlling fungal wilt diseases	201711031634	Faculty	National	Provisional/Complete Specification	800000.00	0.00	800000.00
2017-18	Poplypeptide sequency and composition thereof	201711030494	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Alveolar distraction device	201711030223	Faculty	National	Provisional/Complete Specification	40000.00	0.00	40000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	A recombinant vector comprising a fusion DNA for cell surface display, and uses thereof	201711030222	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Flexible and stretchable conductors and method of fabrication thereof	201711029580	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Magnetic enrichment of magnetically marked analytes	US15552248	Faculty	National	Application under Examination	700000.00	0.00	700000.00
2017-18	Cantilever sensor device based on suspended metal oxide and silicon nanostucture and fabrication method thereof	201711029361	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Robotic apparatus manipulator with Two Degrees of Freedom RCM point for carrying out invasive surgery, actuated using Capstan Drivers	201711029199	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Device for oil spill control	201711029060	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A novel device for measuring pressure pulses based on Applanation Tonometry	PCT/IN2017/05034	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A combination lock with a limited trial and resetting mechanis	201711028520	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	AN AIR PURIFIER	201711027523	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Agrobacterium derived cell penetrating peptides as nanocarriers	PCT/IN2017/050331	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A power distribution system for supply of uninterrupted power	201711027018	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Physical layer security in a wireless communication channel	201711026638	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A process of preparation of ordered cell metal foam	201711026320	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A process of manufacturing of a thermally bonded core sheath structured hybrid yarn	201711026451	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A system and method for ultrasonic assisted magnetic abrasive finishing with pulsating current	201711026124	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	A THREE PHASE GRID SYNCHRONIZED MICROGRID SYSTEM	201711024261	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A self-configurable surgical armrest	201711024272	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Liquid distributors for three phase applications of monolith catalysts and substrates	201711023863	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	FIRE RETARDANT NANOCOMPOSITE COMPOSITION	201711023390	Jointly with Industry	National	Provisional/Complete Specification	40000.00	0.00	40000.00
2017-18	A process for producing super clean coal	201711023384	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	All-optically pumped semiconductor optical amplified	201711023143	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Hydrogen fueled multi-cylinder spark ignition engine generator for electrical power generation	201711022217	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Organelle - Targeting Nanocarrier	PCT/IN2017/05025	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A formulation for stabilizing bio-therapeutics	PCT/IN2017/050233	Faculty	National	Application Published	150000.00	0.00	150000.00
2017-18	A two-step process for extraction of essential oil and curcumin from turmeric rhizomes	201711020042	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Redox flow battery system with improved energy efficiency and method of operating thereof	201711018872	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Nanocomposite photocatalysts	201711018838	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Magnetic Capturing of Rare Cells	15531401	Faculty	International	Application Published	700000.00	0.00	700000.00
2017-18	Magnetic capturing of rare cells	2017/03645	Faculty	International	Application Published	650000.00	0.00	650000.00
2017-18	Recyclable Smart Mesh for on Demand Separation of Oily Water	201711017718	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Magnetic Capturing of Rare Cells	17079781	Faculty	International	Application Published	700000.00	0.00	700000.00
2017-18	A system and method for control and ripple reduction in SRIM based DFIG-DC Generation System.	201711017023	Faculty	National	Application Published	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	A nano-adsorbent for removal of Lanthanide ions from water and associated methods.	201711016720	Faculty	National	Application Published	80000.00	0.00	80000.00
2017-18	Optimization of supplementary battery-assisted energy harvesting nodes	201711016203	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Larvae and egg detector	201711015027	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	3D printed construct for correcting bone defects and stem cell delivery	201711015026	Faculty	National	Application Published	80000.00	0.00	80000.00
2017-18	Process for conversion of Sulfur Trioxide and Hydrogen production	PCT/IN2017/050150	Faculty	National	Application Published	150000.00	0.00	150000.00
2017-18	Catalyst composition for conversion of Sulfur Trioxide and Hydrogen production	PCT/IN2017/050151	Faculty	International	Application Published	150000.00	0.00	150000.00
2017-18	A Medicament for the treatment of diseases by Biofilm forming microorganisms	201711014310	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Apparatus and process for fabricating natural fibre based flexible thermally bonded yarn for thermoplastic composite reinforcement	201711013052	Faculty	National	Application Published	80000.00	0.00	80000.00
2017-18	Agrobacterium derived cell penetrating peptides as nanocarriers	201711012666	Faculty	National	Application under Examination	80000.00	0.00	80000.00
2017-18	DEVELOPMENT OF INFECTION RESISTANT NANO-FUNCTIONAL POLYURETHANE MATERIAL AND A PRODUCT THEREOF	201811010912	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	MAGNETORHEOLOGICAL FINISHING TOOL WITH ELECTROMAGNET COOLING	201811010878	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	METHOD FOR MANAGEMENT OF TWO SECONDARY UNDERLAY MULTIUSER DOWNLINK NETWORKS	201811010849	Jointly with Industry	National	Provisional/Complete Specification	17500.00	0.00	17500.00
2017-18	FACILE METHOD FOR CONTROLLED PORE FILLING	201811010694	Faculty	National	Provisional/Complete Specification	35000.00	0.00	35000.00
2017-18	SMART CASE	201811010659	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	SYSTEM FOR SUPPLYING POLISHING FLUID	201811010070	Faculty	International	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	FORMATION OF THIN FILM LIKE ASSEMBLY BY SOLVENT NON-EVAPORATIVE METHOD USING CENTRIFUGE	201811008269	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Hybrid Microgrid Synchronisation and Desynchronisation with Utility Grid and Diesel Generator	201811007662	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A SYSTEM FOR CONTROLLING SPEED OF A SWITCHED RELUCTANCE MOTOR	201811006668	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	POSITION ESTIMATION AND STARTING OF A SENSORLESS BRUSHLESS DC MOTOR	201811006452	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	A SYSTEM-ON-CHIP WITH IN-BUILT MECHANISM AND METHOD FOR IDENTIFICATION OF FAULTY COMPONENTS IN THE SYSTEM-ON-CHIP	201811006458	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	NON-MECHANICAL TRACKING SOLAR CONCENTRATOR	201811005585	Faculty	National	Provisional/Complete Specification	35000.00	0.00	35000.00
2017-18	ANODE STRUCTURE FOR OPTO-ELECTRONIC DEVICES	201811005493	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	Swirling device for reduction of erosive wear in pneumatic conveying belts	201811005245	Faculty	National	Provisional/Complete Specification	35000.00	0.00	35000.00
2017-18	NANO FILTRATION ASSISTED PROCESS FOR ETHANOL FERMENTATION OF LIGNOCELLULOSIC HYDROLYSATE	201811003704	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00
2017-18	PROCESS AND COMPOSITION IMPARTING MULTIFUNCTIONAL PROPERTIES TO FABRICS	201811002172	Faculty	National	Provisional/Complete Specification	350000.00	0.00	350000.00
2017-18	BIOACTIVE AND INSECT REPELLENT POLYETHYLENE FILMS AND FILAMENTS BASED ON NEEM OIL ENCAPSULATED HALLOYSITE NANOTUBES (HNT)	201811001317	Jointly with Industry	National	Provisional/Complete Specification	40000.00	0.00	40000.00

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2017-18	Microfluidic chip for neurotransmitter detection	201811000669	Faculty	National	Provisional/Complete Specification	40000.00	0.00	40000.00
2017-18	ALWAYS-TAUT CABLE DRIVEN PARALLEL MANIPULATOR AND A VEHICLE SIMULATOR BASED THEREON	201811000281	Faculty	National	Provisional/Complete Specification	80000.00	0.00	80000.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

Financial Year	Name of the Innovative Technology Commercialized/Transferred	Patent No	Type of Patent	Year of Patent Issued	Conversion of Patent / Innovative Technologies to Commercialization		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rs.) (As of 31st March 2018)		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)	
2015-16	High pressure water scrubbing	161/DEL/2006	National	2006	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	216000.00	Patent Licensing and Royalty	500000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Praj Industries Limited, Pune	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	216000.00	Total Revenue Generated (As of 31st March 2018)	500000.00
2015-16	Hip protection device	2030/DEL/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	114000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Ozla Plastocraft Pvt.Ltd., Greater Noida	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	114000.00
2015-16	Onboard technology - A device for providing assistance to visually impaired for boarding of public buses	1355/DEL/2007	National	2007	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	1.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	KritiKal Solutions Pvt.Ltd.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	1.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

2015-16	Portable device and disposable chip for immunogenetic entichment of target biomarkers	485/DEL/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	57000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	M/s. Valetude Healthcare Pvt. Ltd.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	57000.00
2015-16	Technology development and transfer of a low volume sampler for monitoring heavy metals in ambient air	00	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	0.00	Patent Licensing and Royalty	250000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Environtech Instruments Pvt. Ltd.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	0.00	Total Revenue Generated (As of 31st March 2018)	250000.00
2015-16	Thermal NDE Modeling framework for crack detection	00	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	0.00	Patent Licensing and Royalty	800000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	GE India Technology Centre Pvt. Ltd., Bangalore	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	0.00	Total Revenue Generated (As of 31st March 2018)	800000.00
2016-17	An improved process for the production of aleuritic acid from lac and its waste and product thereof	701/DEL/1999	National	1999	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	136000.00	Patent Licensing and Royalty	300000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	C. K. Lac Processig Industry, Balaghat (MP)	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	136000.00	Total Revenue Generated (As of 31st March 2018)	300000.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

2016-17	An assay and kit for detection of endotoxin	201611007932	National	2016	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	400000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	NanoDx Healthcare Pvt. Ltd.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	400000.00
2017-18	A device and a process for conversion of biogas to a fuel gas with enhanced thermal efficiency	161/del/2006	National	2006	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	216000.00	Patent Licensing and Royalty	500000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	SSGas Lab Asia private Limited.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	216000.00	Total Revenue Generated (As of 31st March 2018)	500000.00
2017-18	Magnetic caputuring rare cell	3465/Del/2014	National	2014	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	500000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Valetude Primus	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	500000.00
2017-18	Evanescent wave based illumination	485/Del/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	100000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Valetude Primus	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	100000.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

2017-18	Magnetic enrichment of magnetically marked cells	2673/Del/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	500000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Valetude Primus	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	500000.00
2017-18	Odour prevention device	60/DEL/2010	National	2010	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	500000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Ekam Eco Solutions Pvt Ltd	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	500000.00
2017-18	A composition for enhancement of pathogenicity of Paecilomyces lilacinus	3590/Del/2013	National	2013	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	225000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Care Pro Bioscience Private Limited	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	225000.00
2017-18	A biopesticide for termite control	2966/DEL/2013	National	2013	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	225000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Care Pro Bioscience Private Limited	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	225000.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

2017-18	A process for generating magnetically controlled ball end smart abrasive laden shape for finishing 3D intricate shaped surface	394/DEL/2010	National	2010	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	80000.00	Patent Licensing and Royalty	2000000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	NanoX Precision Machine Pvt. Ltd	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	80000.00	Total Revenue Generated (As of 31st March 2018)	2000000.00
2017-18	Audio Tactile Graphic	00	National	2018	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	0.00	Patent Licensing and Royalty	1.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	ANAAVARAn Pvt.Ltd.	Sponsorship / Grant Fund	0.00	Technology Transfer/Turnkey Project	0.00
							Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	0.00	Total Revenue Generated (As of 31st March 2018)	1.00

Grant / Fund Generated / Received by Institute to support Innovation & Start-up

Total Annual Grant / Fund Generated / Received / Mobilized from Govt., Non Govt. and Private Agencies towards Creation of Pre-Incubation and Incubation Infrastructure and Facilities in Campus

Financial Year of Fund Generated	Grant Agency Type	Grant Agency Name	Total Grant Period (in Years)	Total Grant Allocated Amount (in Rs.)	Total Grant Received Amount (in Rs.) (as of 31st March 2018)	Purpose of Grant Utilization (Multiple options can be selected)	Purpose of Grant Utilization (Other)
2015-16	Government	BIRAC	16.0	35000000.00	35000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2015-16	Industry / CSR	PFIZER	16.0	37000000.00	37000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2015-16	Industry / CSR	ERICSSON	16.0	1350000.00	1350000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2015-16	Government	POWER SYSTEM OPERATION CORPORATION LIMITED	16.0	970922.00	970922.00	Other	INNOVATION AWARD
2016-17	Government	POWER SYSTEM OPERATION CORPORATION LIMITED	17.0	829752.00	829752.00	Other	INNOVATION AWARD
2016-17	Industry / CSR	ERICSSON	17.0	4704592.00	4704592.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2016-17	Government	BIRAC	17.0	50000000.00	50000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2016-17	Government	DEPARTMENT OF SCIENCE AND TECHNOLOGY	17.0	2750000.00	2000000.00	Other	AWARD FOR START-UPS
2016-17	Industry / CSR	PFIZER	17.0	23000000.00	23000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---

Grant / Fund Generated / Received by Institute to support Innovation & Start-up

Total Annual Grant / Fund Generated / Received / Mobilized from Govt., Non Govt. and Private Agencies towards Creation of Pre-Incubation and Incubation Infrastructure and Facilities in Campus

2016-17	Government	MINISTRY OF SKILL DEVELOPMENT AND ENTERPRENURSHIP	17.0	6000000.00	6000000.00	Other	AWARD
2017-18	Government	BIRAC	18.0	50000000.00	50000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2017-18	Government	BIRAC	18.0	10000000.00	5000000.00	Seed Fund / Investment Support to Innovation/Startups	---
2017-18	Government	DEPARTMENT OF SCIENCE AND TECHNOLOGY	18.0	44100000.00	44100000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2017-18	Government	DEPARTMENT OF SCIENCE AND TEHNOLOGY	18.0	3000000.00	3000000.00	Other	WOMEN ENTREPRENEUR
2017-18	Industry / CSR	PFIZER	18.0	8000000.00	8000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2017-18	International Agency	SAMSUNG ELECTRONIC PRIVATE LIMITED	18.0	561449.00	561449.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2017-18	Government	POWER SYSTEM OPERATION CORPORATION LIMITED	18.0	585000.00	585000.00	Other	INNOVATION AWARD

Venture Fund / Investment mobilized to support Innovation & Start-up

Total Angel/Venture Fund Mobilized Annually towards Investment Commitment/Support Innovators/Start-ups incubated at Institute

Financial Year	Investor Type	Amount Committed / Lined Up (in Rs.)	Total Number of Successful Investments in Ideas / Innovation / Start-ups	Total Amount Invested
2015-16	Institute / Incubator's Own Investment Fund, if any	37000000.00	2	37000000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	23000000.00	2	23000000.00
2017-18	Institute / Incubator's Own Investment Fund, if any	10000000.00	3	5000000.00
2017-18	Institute / Incubator's Own Investment Fund, if any	44100000.00	3	44100000.00

Revenue Generated from Incubation Services offered by the Institute

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

Financial Year of Revenue Generated	Name of the Startup	Startup lead by	Current Phase of Startup	Revenue Generated from Incubation			
				From Rental / Advisory / Training Services (in Rs.)	Equity / Share Percentage (%) in Startup	From Equity/Share held in Startup (in Rs.)	Total Revenue Generated (in Rs.)
2016-17	AQUA SENSE PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	13974.00	0	0.00	13974.00
2016-17	SARITA AHLAWAT	Team from Outside of the Institution	Receiving Incubation	65300.00	0	0.00	65300.00
2016-17	CREDITAS SOLUTIONS PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	5000.00	0	0.00	5000.00
2016-17	DEBAYAN SAHA	Team from Outside of the Institution	Receiving Incubation	9000.00	0	0.00	9000.00
2016-17	VALETUDE PRIMUS	Team from Outside of the Institution	Receiving Incubation	28125.00	0	0.00	28125.00
2016-17	V PERUMAL	Team from Outside of the Institution	Receiving Incubation	10125.00	0	0.00	10125.00
2017-18	BISHWAJIT KUNDU	Team from Outside of the Institution	Receiving Incubation	52416.00	0	0.00	52416.00

Revenue Generated from Incubation Services offered by the Institute

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

2017-18	CERELIA NUTRITECH	Team from Outside of the Institution	Receiving Incubation	171142.00	0	0.00	171142.00
2017-18	CLEAN LIFE PRODUCTS PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	95040.00	0	0.00	95040.00
2017-18	CUTTING EDGES MEDICAL DEVICES	Team from Outside of the Institution	Receiving Incubation	112224.00	0	0.00	112224.00
2017-18	DEBAYAN SAHA	Team from Outside of the Institution	Receiving Incubation	138364.00	0	0.00	138364.00
2017-18	NANOCLEAN GLOBAL PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	72173.00	0	0.00	72173.00
2017-18	PHASE LABORATORIES	Team from Outside of the Institution	Receiving Incubation	28117.00	0	0.00	28117.00
2017-18	SAKOSH BIOTECH PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	12960.00	0	0.00	12960.00
2017-18	SWATI MIDHA	Team from Outside of the Institution	Receiving Incubation	40112.00	0	0.00	40112.00
2017-18	TARUN GUPTA	Team from Outside of the Institution	Receiving Incubation	50140.00	0	0.00	50140.00
2017-18	TEST RIGHT NANOSYSTEMS PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	183813.00	0	0.00	183813.00
2017-18	VALETUDE PRIMUS	Team from Outside of the Institution	Receiving Incubation	201740.00	0	0.00	201740.00
2017-18	VIRMAT PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	91552.00	0	0.00	91552.00
2017-18	V PERUMAL	Team from Outside of the Institution	Receiving Incubation	9969.00	0	0.00	9969.00
2017-18	AQUA SENSE PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	161225.00	0	0.00	161225.00
2017-18	ARIANT TECHNOLOGIES AND RESEARCH PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	43931.00	0	0.00	43931.00
2017-18	BOTLAB DYANAMICS	Team from Outside of the Institution	Receiving Incubation	210520.00	0	0.00	210520.00
2017-18	BROWNBAG CORPORATE & SOCIAL SUSTAINABILITY PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	181547.00	0	0.00	181547.00
2017-18	CLEAN LIFE PRODUCTS PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	26532.00	0	0.00	26532.00
2017-18	CREDITAS SOLUTIONS PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	152100.00	0	0.00	152100.00
2017-18	LUMINASIC PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	181572.00	0	0.00	181572.00
2017-18	MATISOFT CYBER SEC LAB PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	36935.00	0	0.00	36935.00
2017-18	NANOCLEAN GLOBAL PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	29640.00	0	0.00	29640.00
2017-18	OMNIA INFO PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	311894.00	0	0.00	311894.00
2017-18	SOUL MACHINE INNOVATION	Team from Outside of the Institution	Receiving Incubation	28710.00	0	0.00	28710.00
2017-18	TOTAL TELESERVE PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	45997.00	0	0.00	45997.00

Revenue Generated from Incubation Services offered by the Institute

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

2017-18	VECMOCON TECHNOLOGIES PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	260680.00	0	0.00	260680.00
2017-18	VERAVCITECH INDIA PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	120961.00	0	0.00	120961.00
2017-18	VIZARA TECHNOLOGIES PRIVATE LIMITED	Team from Outside of the Institution	Receiving Incubation	236208.00	0	0.00	236208.00

Infrastructures & Facilities to Support Innovations and Start-ups

Advanced Infrastructure

Advanced Lab Infrastructure/Facilities available to Support Innovation and Start-Up

Yes

If Yes, Type of Lab Infrastructures / Facilities Available (Multiple Options can be Selected)

Design Centre, Maker Space, Fabrication Lab, Automation Lab, Bio-Design Centre

List Maximum Five Advanced Labs Infrastructures Available in your Campus

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
Cente for Excellence in Tectile Grapics	Design of Tactile graphics	Prof. M. Balakrishnan	mbala@cse.iitd.ac.in
Centre for Biopharmaceutical Technology	Biopharmaceutical Industry	Prof. Anurag S. Rathore	arathore@biotechcmz.com
DAILAB	Biomedicine	Prof. D. Sundar	sundar@dbeb.iitd.ac.in
IDDC	Design Education	Prof. P.V.M. Rao	pvmrao@mech.iitd.ac.in
Rural Technology Education Group	Rural Development	Prof. S.K. Saha	saha@mech.iitd.ac.in

Pre Incubation Centre Available in your Campus

Infrastructures & Facilities to Support Innovations and Start-ups

Advanced Infrastructure			
Pre-Incubation Centre			
Yes			
Type of Centre (Multiple options can be selected)			
Innovation Cell/Startup Cells, Student Innovation and Entrepreneurship Clubs, Tinkering Labs			
List Maximum Five Pre-Incubation Centre Available in your Campus			
Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
Technology and Innovation Club	Innovation, Incubation	Prof. Prashant Mishra	pmishra@dbeb.iitd.ac.in
EDC	Student Innovation	Prof. Prashant Mishra	pmishra@dbeb.iitd.ac.in
Institution Innovation Council	Innovation, Incubation	Prof. P.V.M. Rao	pvmrao@mech.iitd.ac.in
Social Innovation Lab	Social Innovation based entrepreneurship for Rural Woman in Haryana	Prof. P.V.M. Rao	pvmrao@mech.iitd.ac.in
IITD Student Support Projects	Innovation	Prof. B.R. Mehta	brmehta@physics.iitd.ac.in

Incubation Unit/Acceleration Centre/ Research Park / STEP			
Incubation Unit/Acceleration Centre/ Research Park / STEP Available in your Campus			
Yes			
Type of Centre (Multiple options can be selected)			
Acceleration Centre, Research Park, STEP			
List Maximum Five Pre-Incubation Centre Available in your Campus			
Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
BBIF	Bio Incubator	Dr. Ashutosh Pastour	kiritykumar@gmail.com
Sonipat Techno Park	Corporate Labs, Research Programs, Incubation Accelerator Centre	Dr. Vivek Sharma	viveksmvd@gmail.com
Research Park	Corporate Labs, Incubators and Accerlators	Dr. Anil Wali	mdfitt@gmail.com
TBIU Phase-II	Engineering and Design	Mr. K.K. Roy	kiritykumar@gmail.com
PHD Incubator	High Technology	Dr. Anil Wali	mdfitt@gmail.com

Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

Financial Year of Award Received	Name of the Award / Program	Awarding Agency Name	Type of Award	Current Status (as of 31st March 2018)	Total Team Size (Student + Faculty)
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Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned Agencies/Awards

2015-16	Newton-Bhabha	British Council, Department of Science and Technology(DST) and Department of Biotechnology(DBT)	National	Dormant Phase/Dropped	2
2015-16	Boss Award 2015-16	BOSS Industry Award	National	Dormant Phase/Dropped	2
2015-16	Prime Minster Fellowship	CII	National	Dormant Phase/Dropped	3
2015-16	Prof. Amiya Basu Research Award	IEST, Shibpur	National	Dormant Phase/Dropped	2
2015-16	American Association for Aerosol Research	American Association for Aerosol Research	International	Dormant Phase/Dropped	2
2015-16	Best paper award	ABMTRANS-15	National	Dormant Phase/Dropped	2
2015-16	Bharat Jyoti Award	India International Friendship Society(IIFS)	National	Dormant Phase/Dropped	2
2015-16	TCS Fellowship	TCS	National	Dormant Phase/Dropped	2
2015-16	POSOCO	POSOCO	National	Dormant Phase/Dropped	1
2015-16	POSOCO	POSOCO	National	Dormant Phase/Dropped	1
2015-16	Best Poster Award	IEEE	International	Dormant Phase/Dropped	4
2015-16	Best paper	Jamia Millia Islamia	National	Dormant Phase/Dropped	4
2015-16	IEEE Magnetic Society grant	IEEE	International	Dormant Phase/Dropped	2
2015-16	NSCMD-2016	NSCMD-2016	National	Dormant Phase/Dropped	2
2015-16	APA2015- student wisdom contest	IPA2015	International	Dormant Phase/Dropped	2
2015-16	IEEE- Best paper award	IEEE INDICON 2015	International	Dormant Phase/Dropped	2
2015-16	Japan Prize-Best student paper	International Conference on Urban Climate at France	International	Dormant Phase/Dropped	1
2015-16	Best Paper Award-	International conference-RAFPB-2016 at BHU	International	Dormant Phase/Dropped	1
2015-16	Contextual Relevance of IIKs in Plant Protection	IARI, Delhi	National	Dormant Phase/Dropped	1
2015-16	GYTI 2016	SRISTI	National	Dormant Phase/Dropped	3
2015-16	FITT Award for PhD Thesis	FITT IIT Delhi	National	Dormant Phase/Dropped	2
2015-16	FITT Award for MTech and MS	FITT IIT Delhi	National	Dormant Phase/Dropped	4
2016-17	CHAND RANI BANARSI DASS DUGGAL MEMORIAL AWARD	R K DUGGAL	National	Dormant Phase/Dropped	2
2016-17	SHRIMATI AND SHRI H R MITTAL CASH AWARD	PROF. R. K. MITTAL	National	Dormant Phase/Dropped	2
2016-17	MR AND MRS PREM SHEEL BHATNAGAR MEMORIAL AWARD	MRS. SUSHMA BAGLEY	National	Dormant Phase/Dropped	2
2016-17	DR AMRIK SINGH MEDAL AND PRIZE	DR. AMRIK SINGH	National	Dormant Phase/Dropped	2
2016-17	LT ARPAN BANERJEE AWARD	MR. A. C. BANDHYOPADHYAYA	National	Dormant Phase/Dropped	2
2016-17	DOGRA MEDAL	MR. ASHOK MEHRA	National	Dormant Phase/Dropped	2

Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

2016-17	NBCC PRIZE OF EXCELLENCE	MR. B BHATTACHARYA	National	Dormant Phase/Dropped	2
2016-17	SURESH CHANDRA MEMORIAL AWARD	N.N.AGARWAL	National	Dormant Phase/Dropped	4
2016-17	JAGAT RAM CHOPRA	K.L.CHOPRA	National	Dormant Phase/Dropped	2
2016-17	FITT for PhD and MTech and MS thesis	FITT IIT Delhi	National	Dormant Phase/Dropped	2
2016-17	CONFERENCE ATTENDANCE AID GRANT	21st INTERNATIONAL CONFERENCE OF SOLID STATE IONICS, PADUA, ITALY	International	Dormant Phase/Dropped	1
2016-17	CAMPUS WINNERS (DMS IITD) YES BANK TRANSFORMATION SERIES 2016	YES BANK FOUNDATION	National	Dormant Phase/Dropped	3
2016-17	PEPSICO CHANGE THE GAME	PEPSICO INDIA	National	Dormant Phase/Dropped	3
2016-17	B TECH	DONOR AWARD	International	Dormant Phase/Dropped	5
2016-17	RESEARCH GRANT FOR STUDY OF MAGNETIZATION DYNAMICS IN YIG IrMn on Si Substrate	IEEE MAGNETIC SOCIETY	International	Dormant Phase/Dropped	2
2016-17	GANDHIAN YOUNG TECHNOLOGY INNOVATION	BIRAC SRISTI	National	Dormant Phase/Dropped	2
2016-17	LONDON SCHOOL OF ECONOMICS- EMERGING MARKETS FORUM	LSE SU EMF	International	Dormant Phase/Dropped	2
2016-17	3M INVENT - A NEW FUTURE CHALLENGE 2017	3M	International	Dormant Phase/Dropped	2
2016-17	IMPRESSIVE AND INNOVATIVE PAPER SCHOLARSHIP	ISRM REGIONAL SYMPOSIUM ARMS9-9 ASIAN ROCK MECHNICS SYMPOSIUM - HARMONISING ROCK MECHANICS WITH SUSTAINABLE ECONOMIC DEVELOPMENT	International	Dormant Phase/Dropped	8
2016-17	BIOENERGY-AWARDS FOR CUTTING EDGE RESEARCH (B-ACER)	DBT-GOI AND IUSSTF	International	Dormant Phase/Dropped	2
2016-17	iGEM	MIT, USA	International	Dormant Phase/Dropped	4
2016-17	ABSMSNW-17	IIT BHU, VARANASI	International	Dormant Phase/Dropped	2
2016-17	DR A V RAMA RAO FOUNDATION BEST PhD THESIS AWARD IN CHEMICAL ENGINEERING	DR A V RAMA RAO FOUNDATION	National	Dormant Phase/Dropped	2
2016-17	GANDHIAN YOUNG TECHNOLOGY INNOVATION (GYTI) AWARD	SRISTI (Society for Research and Initiatives for Sustainable Technologies and Institutions)	National	Dormant Phase/Dropped	3
2016-17	PRIME MINISTER FELLOWSHIP	CII	National	Dormant Phase/Dropped	4
2016-17	INTERNATIONAL CONFERENCE ON ENERGY INNOVATIONS -TODAY AND TOMORROW	HINDUSTAN PETROLEUM CORPORATION LIMITED	International	Dormant Phase/Dropped	2
2016-17	BEST POSTER AWARS	INTERNATIONAL CONFERENCE ON SOFT MATERIALS	International	Dormant Phase/Dropped	2
2016-17	S S J LODHA AWARD	LODHA GROUP	National	Dormant Phase/Dropped	2
2016-17	NTC INTERNATIONAL IEEE STUDENT AWARD	IEEE NANOTECHNOLOGY COUNCIL 2017	International	Dormant Phase/Dropped	1

Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renounced Agencies/Awards

2016-17	BEST Ph.D AWARD	FOUNDATION FOR INNOVATION AND TECHNOLOGY TRANSFER	National	Dormant Phase/Dropped	2
2016-17	2016 IEEE STUDENTS TECHNOLOGY SYMPOSIUM KHARAGPUR	TECHSYM, 2016	National	Dormant Phase/Dropped	1
2016-17	BEST POSTER PRESENTATION FOR NATIONAL SEMINAR ON BIOMEDICAL ENGINEERING FOOD AND FERMENTATION TECHNOLOGY	JAMIA HAMDARD DELHI	National	Dormant Phase/Dropped	1
2016-17	BEST POSTER AWARD	BIOMEDICAL RESEARCH INSTITUTE, TSUKUBA, JAPAN	International	Dormant Phase/Dropped	2
2016-17	GANDHI YOUNG TECHNOLOGICAL INNOVATION BIRAC SRISTI APPRECIATION AWARD	BIRAC - SRISTI	National	Dormant Phase/Dropped	1
2016-17	BEST POSTER AWARD FOR FIRST 1st ANNUAL CONFERENCE OF INDIAN SOCIETY OF NANO MEDICINE	AIIMS, DELHI	National	Dormant Phase/Dropped	1
2016-17	BEST POSTER AWARD AT CONFERENCE ON RECENT ADVANCES ON MRI AND MRS	INSA	National	Dormant Phase/Dropped	1
2016-17	BEST POSTER AWARD	AIIMS, DELHI	National	Dormant Phase/Dropped	2
2016-17	DR SHIV RAJ NANDAN SINHA MEDAL	IIT DELHI	National	Dormant Phase/Dropped	1
2016-17	BOSS AWARD	IIT DELHI	National	Dormant Phase/Dropped	1
2016-17	2nd BEST POSTER AWARD AT BHI 2017	IEEE, ORLANDO, FLORIDA, USA	International	Dormant Phase/Dropped	1
2016-17	1st PRIZE IN POSTER PRESENTATION AND 2nd PRIZE IN PITCHFEST START UP BIO	INSTITUTE OF BIOINFORMATICS AND BIOTECHNOLOGY, BENGALURU	National	Dormant Phase/Dropped	1
2017-18	Forbes 30 under 30 Social Innovations	FORBES	International	Startup under Incubation Phase	4
2017-18	AI for Education Global HackWeek	IBM	International	Dormant Phase/Dropped	4
2017-18	EIA 2017	Ericsson	International	Dormant Phase/Dropped	3
2017-18	10th NATIONALCONFERENCE ON SOLID STATE CHEMISTRY AND ALLIED AREAS	IUMRS ICYRAM	National	Dormant Phase/Dropped	2
2017-18	SURESH CHANDRA MEMORIAL AWARD	N.N.AGARWAL	National	Dormant Phase/Dropped	5
2017-18	FITT Award for PhD	FITT IIT Delhi	National	Dormant Phase/Dropped	2
2017-18	FITT Award for MTech and MS	FITT IIT Delhi	National	Dormant Phase/Dropped	4

Innovations to Startups

No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute

Financial Year	Innovation / Start-Up Name	Founded by	Name of the Co-Founders (Multiple Names can be mentioned with Commas)	Received Incubation	Name of Incubator	Period of Incubation Received (in Years)	Startup with Corporate Identification Number (CIN) Registration	Corporate Identification Number (CIN) No.	Current Startup Status	Startup Grown to an annual turnover of Rs. 50 Lakhs (or) 10 employees for a period of 2 years
2015-16	Omina Information Pvt Ltd	Entrepreneurs Extern	Gaurav Bansal	Yes	IIT Delhi TBIU	24	Yes	U72900DL2015PTC276515	Graduated	Yes

Innovations to Startups

No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute

2015-16	Valetude Primus Healthcare Pvt Ltd	Alumni	Saruabh Singh	Yes	IIT Delhi TBIU	24	No	---	Graduated	Yes
2016-17	Sarita Ahlawat	Entrepreneurs Extern	Sarita Ahlawat	Yes	IIT Delhi TBIU	24	No	---	Graduated	Yes
2016-17	Debayan Saha	Entrepreneurs Extern	Debayan Saha	Yes	IIT Dehli TBIU	24	No	---	Graduated	Yes
2016-17	Vecmocon Technologies Pvt Ltd	Entrepreneurs Extern	Akash Bansal	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2016-17	BOTLAB Corporation Pvt Ltd	Student	Tanmay Bunkar	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2016-17	Vizara Technologies Pvt Ltd	Student	Anupama Mallik	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2016-17	BrownBag Corporation	Faculty	S K Mishra	Yes	IIT Delhi TBIU	24	No	---	Self-Supported	No
2016-17	Veracitech India Pvt Ltd	Faculty	Jayadeva	Yes	IIT Delhi TBIU	12	No	---	Self-Supported	Yes
2016-17	Luminasic Pvt Ltd	Faculty	Mukul Sarkar	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2016-17	Kriya Labs Pvt Ltd	Student and Faculty	Ankur Kumar	Yes	IIT Delhi TBIU	12	No	---	Receiving Incubation	Yes
2016-17	TestRight Nanosystems Pvt Ltd	Entrepreneurs Extern	Shubham Rathore	Yes	IIT Delhi BBIF	24	No	---	Receiving Incubation	Yes
2016-17	Aquasense Equipment Pvt Ltd	Student	Sankalp Lahiri	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2016-17	Nanoclean Global Pvt Ltd	Student	Tushar Vyas	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2017-18	Cerelia Nutritech Pvt Ltd	Entrepreneurs Extern	NVV Kiran Vuppala	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2017-18	Virmat Pvt Ltd	Student	Raman Deep	Yes	IIT Delhi BBIF	24	No	---	Receiving Incubation	Yes
2017-18	Maitisoft Cyber Security Labs Pvt Ltd	Entrepreneurs Extern	Varun Seth	Yes	IIT Delhi Sonipat Resident Incubator	18	No	---	Receiving Incubation	Yes
2017-18	CleanLife Products Pvt Ltd	Alumni	Puneet Gupta	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2017-18	Phase Laboratory Pvt Ltd	Entrepreneurs Extern	Sarita Ahlawat	Yes	IIT Delhi TBIU	24	No	---	Receiving Incubation	Yes
2017-18	Flexmotiv Technologies Pvt Ltd	Faculty	Srinivas Adepu	Yes	IIT Delhi TBIU	15	No	---	Receiving Incubation	Yes

Co-Incubation Partnership

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

Financial Year	Type of Partnership	Partnership Institute Name	Type of Support Offered (Multiple Options can be Selected)	No. of Student Projects/ Ideas / Innovation / Startups Supported
2015-16	Incubation Services/Support Extended to Other Institute	RICCO Incubator Jaipur	Mentoring,Networking	30
2015-16	Incubation Services/Support Extended to Other Institute	IIIT Gwalaior	Mentoring	25

Co-Incubation Partnership

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

2016-17	Incubation Services/Support Extended to Other Institute	IISER Mohali	Incubation,Mentoring,Networking	25
2016-17	Incubation Services/Support Extended to Other Institute	Jamia Milia Islamia University	Pre-incubation,Mentoring	5
2017-18	Incubation Services/Support Extended to Other Institute	Punjab University	Incubation,Mentoring,Investment	25

Courses on Innovation, IPR and Entrepreneurship Development

Short Term Certificate Courses, Regular Academic Programs and Courses offered at Institute on Innovation, IPR and Entrepreneurship Development for Students, Faculties and Start-ups

Academic Year	Title of Course	Subject Focus of Course	Type of Course	Mode of Delivery	Duration of Course / Subject (Minimum 30 Contact Hours)	Total Enrollment for the Course	Total Nos. Completed the Course
2015-16	Advance in Business Analytics	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	32	42	42
2016-17	Management of Innovation and Research and Development	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40
2016-17	Technology Forecasting and Assessment	Cognitive skill Development	Master	Classroom	50	40	40
2016-17	Management of Intellectual Property Rights	IPR	Master	Classroom	50	40	40
2016-17	Technical Entrepreneurship	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40
2016-17	Entrepreneurship	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40
2016-17	Design Project	Design thinking	Master	Classroom	60	25	25
2016-17	Design for User Experience	Design thinking	Credit Course (Elective)	Classroom	48	35	35
2016-17	Design for Usability	Design thinking	Credit Course (Elective)	Classroom	48	35	35
2016-17	Product Interface and Design	Design thinking	Master	Classroom	50	20	20
2016-17	Design and Innovation Methods	Design thinking	Master	Classroom	50	20	20
2016-17	Entrepreneurship Management Summer Semester 2016	Innovation and Entrepreneurship Development	Bachelor	Classroom	35	35	35
2016-17	Management of Small and Medium Scale Industrial Enterprises	Cognitive skill Development	Bachelor	Classroom	35	35	35
2016-17	Management of IPRs	IPR	Bachelor	Classroom	35	35	35
2016-17	Management Skill Formation Program for Entrepreneurial Ventures	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	350	40	40
2016-17	Management Skill formation Program for Entrepreneurial Ventures	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	325	35	35
2017-18	Management of IPRs	IPR	Bachelor	Classroom	35	35	35

Courses on Innovation, IPR and Entrepreneurship Development

Short Term Certificate Courses, Regular Academic Programs and Courses offered at Institute on Innovation, IPR and Entrepreneurship Development for Students, Faculties and Start-ups

2017-18	25th Small Industries Management Program titled Management Skill Formation Program for Entrepreneurial Ventures	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	350	40	40
2017-18	Design and Innovation Methods	Design thinking	Master	Classroom	50	20	20
2017-18	Product Interface and Design	Design thinking	Master	Classroom	50	20	20
2017-18	Design for Usability	Design thinking	Credit Course (Elective)	Classroom	48	25	25
2017-18	Design for User Expreince	Design thinking	Credit Course (Elective)	Classroom	48	25	25
2017-18	Design Project	Design thinking	Master	Classroom	60	20	20
2017-18	Entrepreneurship	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40
2017-18	Technical Entrepreneurship	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40
2017-18	Management of Intellectual Property Rights	IPR	Master	Classroom	50	40	40
2017-18	Technology Forecasting and Assessment	Cognitive skill Development	Master	Classroom	50	40	40
2017-18	Management of Innovation and Research and Development	Innovation and Entrepreneurship Development	Master	Classroom	50	40	40

Faculty with Entrepreneurial Experience

Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc.

Academic Year	Faculty Name	Department	Years of Experience in Start-up / Entrepreneurship	Area of Expertise (Multiple Options can be Selected)	Level of Involvements as	Is Faculty, a Founder/Director of any Start-up	Name of the Start-up (Multiple Startups can be mentioned with Comma)	Director Identification Number (DIN)
2015-16	Mausam	5	Computer Science and Engineering	Start-up Operation	Mentor	Yes	Omnia Information Pvt Ltd	U72900DL2015PTC27651
2015-16	Ravikrishnan Elangovan	6	DBEB	Start-up Operation	Board Member	Yes	Valetude Primus Healthcare Pvt Ltd	U36100DL2015PTC28138
2015-16	Shalini Gupta	5	Chemical Engineering	Entrepreneurship Development	Founder	Yes	NanoDx Helathcare Pvt Ltd	U74999DL2015PTC2883
2016-17	S K Mishra	4	Atmospheric Studies	Start-up Operation	Founder	Yes	Brownbag Corporates and Social Sustainability Pvt Ltd	U93090DL2017PTC31054
2016-17	Jayadeva	6	Electrical Engineering	Start-up Operation	Founder	Yes	Veracitech India Pvt Ltd	U74999DL2016PTC30860
2016-17	Mukul Sarkar	3	Electrical Engineering	Start-up Operation	Founder	Yes	Luminasic Pvt Ltd	U74999DL2016PTC30842
2016-17	A K Gosain	15	Civil Engineering	Entrepreneurship Development	Innovator	Yes	INRM Consultants Pvt Ltd and Aquasense Pvt Ltd	U74999DL2017PTC31085
2016-17	Manjeet Jassal	6	Textile	Entrepreneurship Development,Start-up Operation	Mentor	Yes	Nanoclean Global	03059931

Faculty with Entrepreneurial Experience

Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc.

2016-17	Joby Joseph	3	Physics	Start-up Operation	Mentor	Yes	TestRight Nanosystems Pvt Ltd	U29271DL2016PTC30463
2016-17	Ashwini K Agarwal	5	Textile Technology	Start-up Operation	Board Member	Yes	Nanoclean Global Pvt Ltd	U33309HR2017PTC0676
2017-18	Deepak Joshi	5	CBME	Entrepreneurship Development,Start-up Operation	Mentor	Yes	Virmat Pvt Ltd	U74140DL2015PTC28586
2017-18	Veena Koul	10	CBME	Innovation Design,Entrepreneurship Development,Start-up Operation	Mentor	Yes	Cerelia Nutritech Pvt Ltd	U74999AP2016PTC10368
2017-18	Anurag Rathore	10	Chemical Engineering	Innovation Design,Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	CleanLife Products Pvt Ltd	U51397DL2016PTC29160
2017-18	Brejesh Lall	10	Electrical Engineering	Innovation Design,Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	Matisoft Cyber Security Labs Pvt Ltd	U72501UP2017PTC09269
2017-18	Kedar Khare	3	Physics	Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	Phase Laboratories Pvt Ltd	U74999DL2016PTC3098
2017-18	Sunil Jha	10	Mechanical Engineering	Innovation Design,Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	Araint Technologies and Research Pvt Ltd	U72200DL2015PTC2855
2017-18	J P Khatait	3	Mechanical Engineering	Entrepreneurship Development	Mentor	Yes	Flexmotiv Technologies Pvt Ltd	U73200TN2017PTC11802
2017-18	Neetu Singh	2	CBME	Entrepreneurship Development	Mentor	Yes	Kriya Labs Pvt Ltd	U37100DL2017PTC32421

Innovation in Governance

Best Innovative Solutions Developed In-house for Improving Governance of Your Institution

Financial Year	Categories	Title of the Innovation	Brief About Solutions / Approaches Developed and Deployed in Your Institute	Total Project Amount (in Rs.)	Revenue Generated (in Rs.)	Impact created (No. of Direct Beneficiaries/Users)
2015-16	Knowledge Management	Campus Wide Smart Screens	A unique information system where screens across the campus are accessible for display of notices	300000.00	0.00	10000
2017-18	Security and Surveillance	Smart traffic monitoring	Three speed cameras on the main campus roads detects vehicles and reads their number plates and finds their speed and in case of violation flags it in a website	100000.00	0.00	10000

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