



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 Bombay [ARI-U-0306]

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	Other Related Programs	Freelancers and Co-founders Platform	Entrepreneurship/ Startup	01-Apr-2015 to 31-Mar-2016 (366 Days)	Within Campus	100	0	100	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	Fundamentals of IPR	IPR	01-Aug-2015 to 30-Aug-2015 (30 Days)	Within Campus	12	10	22	0.00	70000.00	70000.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	National Entrepreneurship Challenge	Entrepreneurship/ Startup	12-Aug-2015 to 20-Jan-2016 (162 Days)	Outside Campus	0	300	300	0.00	400000.00	400000.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Eureka 2015	Entrepreneurship/ Startup	15-Aug-2015 to 27-Jan-2016 (166 Days)	Within Campus	200	5000	5200	0.00	3500000.00	3500000.00
2015-16	Awareness / Motivational Programs	Entrepreneurship and Business Club	Entrepreneurship/ Startup	20-Aug-2015 to 20-Jan-2016 (154 Days)	Within Campus	2668	0	2668	0.00	200000.00	200000.00
2015-16	Exhibitions of Innovative Products / E-Summits / Tech-Fests	E- Summit 2016	Entrepreneurship/ Startup	27-Jan-2016 to 28-Jan-2016 (2 Days)	Within Campus	1000	5000	6000	0.00	7200000.00	7200000.00
2015-16	Workshops / Training / Seminars / Conferences	Academia Industry Training	Innovation	01-Feb-2016 to 29-Apr-2016 (89 Days)	Outside Campus	5	7	12	0.00	5100000.00	5100000.00
2015-16	Workshops / Training / Seminars / Conferences	Patent Searching workshop	IPR	02-Feb-2016 to 02-Feb-2016 (1 Days)	Within Campus	11	16	27	0.00	50000.00	50000.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Hackathon for URBAN ISSUES	Innovation	09-Feb-2016 to 13-Feb-2016 (5 Days)	Within Campus	10	120	130	0.00	8062000.00	8062000.00

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2015-16	Workshops / Training / Seminars / Conferences	Patent Drafting Workshop	IPR	05-Mar-2016 to 05-Mar-2016 (1 Days)	Within Campus	11	16	27	0.00	50000.00	50000.00
2015-16	Workshops / Training / Seminars / Conferences	Intellectual Property Rights	Entrepreneurship/ Startup	18-Mar-2016 to 18-Mar-2016 (1 Days)	Within Campus	11	0	11	2000.00	0.00	2000.00
2015-16	Awareness / Motivational Programs	Speaker Series - 3 in the A.Y	Entrepreneurship/ Startup	03-Apr-2016 to 05-Apr-2016 (3 Days)	Within Campus	250	0	250	0.00	0.00	0.00
2015-16	Awareness / Motivational Programs	CEP TEQIP on Innovation, Entrepreneurship Incubators	Entrepreneurship/ Startup	14-Mar-2017 to 18-Mar-2017 (5 Days)	Within Campus	6	32	38	0.00	1548750.00	1548750.00
2016-17	Other Related Programs	Freelancers and Co-founders Platform	Entrepreneurship/ Startup	01-Apr-2016 to 31-Mar-2017 (365 Days)	Within Campus	300	0	300	0.00	0.00	0.00
2016-17	Awareness / Motivational Programs	Startup Services Platform	Entrepreneurship/ Startup	01-Apr-2016 to 31-Mar-2017 (365 Days)	Outside Campus	80	0	80	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneur Connect by IvyCamp	Entrepreneurship/ Startup	11-Jun-2016 to 11-Jun-2016 (1 Days)	Within Campus	51	0	51	7000.00	0.00	7000.00
2016-17	Workshops / Training / Seminars / Conferences	3rd International Conference of Management of IP and Strategy	IPR	15-Jul-2016 to 16-Jul-2016 (2 Days)	Outside Campus	3	32	35	0.00	700000.00	700000.00
2016-17	Awareness / Motivational Programs	Entrepreneurship and Business Club	Entrepreneurship/ Startup	17-Jul-2016 to 14-Mar-2017 (241 Days)	Within Campus	3777	0	3777	0.00	300000.00	300000.00
2016-17	Workshops / Training / Seminars / Conferences	Illuminate 2016	Entrepreneurship/ Startup	02-Aug-2016 to 11-Nov-2016 (102 Days)	Outside Campus	68	3500	3568	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	National Entrepreneurship Challenge	Entrepreneurship/ Startup	12-Aug-2016 to 28-Jan-2017 (170 Days)	Outside Campus	0	547	547	0.00	400000.00	400000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Eureka 2016	Entrepreneurship/ Startup	20-Aug-2016 to 20-Jan-2017 (154 Days)	Within Campus	444	8000	8444	0.00	5000000.00	5000000.00
2016-17	Workshops / Training / Seminars / Conferences	Indo Russia Bridge for Innovation	Innovation	16-Sep-2016 to 24-Sep-2016 (9 Days)	Outside Campus	5	10	15	0.00	5349904.00	5349904.00
2016-17	Workshops / Training / Seminars / Conferences	Academia Industry Training	Innovation	02-Oct-2016 to 02-Dec-2016 (62 Days)	Outside Campus	4	8	12	0.00	6000000.00	6000000.00
2016-17	Other Related Programs	PLUGIN Bootcamp	Entrepreneurship/ Startup	24-Oct-2016 to 04-Nov-2017 (377 Days)	Outside Campus	2	29	31	0.00	3743971.00	3743971.00

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2016-17	Workshops / Training / Seminars / Conferences	Hardware venture trajectory and product engineering management	Entrepreneurship/ Startup	24-Oct-2016 to 24-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Business model canvas	Entrepreneurship/ Startup	24-Oct-2016 to 24-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Business ethics	Entrepreneurship/ Startup	25-Oct-2016 to 25-Oct-2016 (1 Days)	Outside Campus	10	47	57	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Financial basics for startups	Entrepreneurship/ Startup	25-Oct-2016 to 25-Oct-2016 (1 Days)	Outside Campus	10	47	57	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Building cash flow projections	Entrepreneurship/ Startup	25-Oct-2016 to 25-Oct-2016 (1 Days)	Outside Campus	10	47	57	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Design thinking	Entrepreneurship/ Startup	26-Oct-2016 to 26-Oct-2016 (1 Days)	Outside Campus	15	50	65	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Elevator pitch statement building and user interview exercise	Entrepreneurship/ Startup	26-Oct-2016 to 26-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	User experience design	Entrepreneurship/ Startup	26-Oct-2016 to 26-Oct-2016 (1 Days)	Outside Campus	15	50	65	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	IP Management	Entrepreneurship/ Startup	26-Oct-2016 to 26-Oct-2016 (1 Days)	Outside Campus	15	50	65	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Prior Art search exercise	Entrepreneurship/ Startup	26-Oct-2016 to 26-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Manufacturing and Sourcing	Entrepreneurship/ Startup	27-Oct-2016 to 27-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Design and Rapid prototyping	Entrepreneurship/ Startup	27-Oct-2016 to 27-Oct-2016 (1 Days)	Outside Campus	12	55	67	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Product pricing	Entrepreneurship/ Startup	27-Oct-2016 to 27-Oct-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00

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2016-17	Workshops / Training / Seminars / Conferences	Testing and Regulatory compliance	Entrepreneurship/ Startup	27-Oct-2016 to 27-Oct-2016 (1 Days)	Outside Campus	11	46	57	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Panel discussion with Hardware startup talk	Entrepreneurship/ Startup	28-Oct-2016 to 28-Oct-2016 (1 Days)	Outside Campus	10	48	58	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Validation, Risk, Strategy, Pricing	Entrepreneurship/ Startup	14-Nov-2016 to 14-Nov-2016 (1 Days)	Within Campus	15	50	65	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Valuation and Venture Funding	Entrepreneurship/ Startup	14-Nov-2016 to 14-Nov-2016 (1 Days)	Outside Campus	22	60	82	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Team planning workshop	Entrepreneurship/ Startup	15-Nov-2016 to 15-Nov-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Mentor Talk	Entrepreneurship/ Startup	15-Nov-2016 to 15-Nov-2016 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	TechConnect 2016	Innovation	16-Dec-2016 to 18-Dec-2016 (3 Days)	Within Campus	1000	4000	5000	1610340.00	0.00	1610340.00
2016-17	Workshops / Training / Seminars / Conferences	Fundamentals of IPR	IPR	22-Dec-2016 to 27-Dec-2016 (6 Days)	Within Campus	28	16	44	0.00	70000.00	70000.00
2016-17	Workshops / Training / Seminars / Conferences	Investor Pitch Practice	Entrepreneurship/ Startup	18-Jan-2017 to 18-Jan-2017 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Fundamentals of IPR	IPR	21-Jan-2017 to 21-Jan-2017 (1 Days)	Within Campus	15	0	15	0.00	50000.00	50000.00
2016-17	Workshops / Training / Seminars / Conferences	Intellectual property (IP) and its management	IPR	25-Jan-2017 to 25-Jan-2017 (1 Days)	Within Campus	65	0	65	9800.00	0.00	9800.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	E- Summit 2017	Entrepreneurship/ Startup	27-Jan-2017 to 28-Jan-2017 (2 Days)	Within Campus	2100	6554	8654	0.00	8900000.00	8900000.00
2016-17	Workshops / Training / Seminars / Conferences	BIO- Entrepreneurship, Grant-writing and Intellectual Property Management	Entrepreneurship/ Startup	10-Feb-2017 to 10-Oct-2017 (243 Days)	Within Campus	21	80	101	50000.00	0.00	50000.00

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2016-17	Workshops / Training / Seminars / Conferences	Keiretsu Forum pitch	Entrepreneurship/ Startup	14-Feb-2017 to 14-Feb-2017 (1 Days)	Outside Campus	10	48	58	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Design review	Entrepreneurship/ Startup	14-Feb-2017 to 14-Feb-2017 (1 Days)	Outside Campus	6	46	52	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Fund raising and Go to market strategy	Entrepreneurship/ Startup	16-Feb-2017 to 16-Feb-2017 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Legal contracts	Entrepreneurship/ Startup	16-Feb-2017 to 16-Feb-2017 (1 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Design Sprint	Entrepreneurship/ Startup	16-Feb-2017 to 17-Feb-2017 (2 Days)	Outside Campus	7	43	50	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	User research workshop	Entrepreneurship/ Startup	24-Feb-2017 to 27-Feb-2017 (4 Days)	Within Campus	22	60	82	0.00	3743971.00	3743971.00
2016-17	Workshops / Training / Seminars / Conferences	Patent Drafting Workshop	IPR	03-Mar-2017 to 03-Mar-2017 (1 Days)	Within Campus	16	8	24	0.00	50000.00	50000.00
2016-17	Awareness / Motivational Programs	Speaker Series - 4 in the A.Y	Entrepreneurship/ Startup	27-Mar-2017 to 30-Mar-2017 (4 Days)	Within Campus	200	0	200	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Medical Device Regulatory	Entrepreneurship/ Startup	18-Jul-2017 to 18-Jul-2017 (1 Days)	Within Campus	7	35	42	0.00	110000.00	110000.00
2016-17	Workshops / Training / Seminars / Conferences	Valuation and Management of Intellectual Property Rights Global Perspective	Entrepreneurship/ Startup	23-Sep-2017 to 23-Sep-2017 (1 Days)	Within Campus	20	15	35	5000.00	0.00	5000.00
2016-17	Workshops / Training / Seminars / Conferences	Legal implications of Contractual agreement	Entrepreneurship/ Startup	11-Nov-2017 to 11-Nov-2017 (1 Days)	Within Campus	20	8	28	16941.00	0.00	16941.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	CAMTech-X Jugaadathon	Innovation	11-Mar-2017 to 12-Mar-2017 (2 Days)	Within Campus	12	74	86	0.00	300000.00	300000.00
2017-18	Other Related Programs	SCUBE	Entrepreneurship/ Startup	31-Mar-2017 to 30-Jun-2017 (92 Days)	Within Campus	7	11	18	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Social Entrepreneurship basics	Entrepreneurship/ Startup	31-Mar-2017 to 31-Mar-2017 (1 Days)	Within Campus	12	25	37	0.00	6300000.00	6300000.00

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2017-18	Workshops / Training / Seminars / Conferences	Social investment landscape	Entrepreneurship/ Startup	31-Mar-2017 to 31-Mar-2017 (1 Days)	Within Campus	10	30	40	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Startup Team formation	Entrepreneurship/ Startup	31-Mar-2017 to 31-Mar-2017 (1 Days)	Within Campus	10	30	40	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Design Thinking	Entrepreneurship/ Startup	31-Mar-2017 to 31-Mar-2017 (1 Days)	Within Campus	15	39	54	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Lean startup methodology	Entrepreneurship/ Startup	01-Apr-2017 to 01-Apr-2017 (1 Days)	Within Campus	18	42	60	0.00	6300000.00	6300000.00
2017-18	Other Related Programs	Freelancers and Co-founders Platform	Entrepreneurship/ Startup	01-Apr-2017 to 31-Mar-2018 (365 Days)	Within Campus	500	0	500	0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Startup Services Platform	Entrepreneurship/ Startup	01-Apr-2017 to 31-Mar-2018 (365 Days)	Outside Campus	100	0	100	0.00	0.00	0.00
2017-18	Other Related Programs	Freelancers and Co-founders Platform	Entrepreneurship/ Startup	01-Apr-2017 to 31-Mar-2018 (365 Days)	Within Campus	500	0	500	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Building a social venture part 1	Entrepreneurship/ Startup	07-Apr-2017 to 07-Apr-2017 (1 Days)	Within Campus	10	30	40	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Structured Thinking and Problem Solving	Entrepreneurship/ Startup	07-Apr-2017 to 07-Apr-2017 (1 Days)	Within Campus	12	36	48	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Pitching to investors	Entrepreneurship/ Startup	15-Apr-2017 to 15-Apr-2017 (1 Days)	Outside Campus	7	43	50	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Romancing with Balance Sheet	Entrepreneurship/ Startup	20-Apr-2017 to 20-Apr-2017 (1 Days)	Within Campus	22	50	72	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Rapid prototyping for product startups	Entrepreneurship/ Startup	20-Apr-2017 to 20-Apr-2017 (1 Days)	Within Campus	16	45	61	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Finance basics Cash flow, P and L, Balance Sheet	Entrepreneurship/ Startup	21-Apr-2017 to 21-Apr-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurial Mindset and The Intangibles of Success	Entrepreneurship/ Startup	21-Apr-2017 to 21-Apr-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00

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2017-18	Workshops / Training / Seminars / Conferences	Pitching to investors	Entrepreneurship/ Startup	22-Apr-2017 to 22-Apr-2017 (1 Days)	Outside Campus	7	43	50	0.00	0.00	0.00
2017-18	Other Related Programs	GE Pitch	Entrepreneurship/ Startup	26-Apr-2017 to 26-Apr-2017 (1 Days)	Within Campus	10	30	40	6680.00	0.00	6680.00
2017-18	Workshops / Training / Seminars / Conferences	Building a social venture part 2	Entrepreneurship/ Startup	05-May-2017 to 05-May-2017 (1 Days)	Within Campus	10	40	50	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Basics in Legal , IP , HR	Entrepreneurship/ Startup	05-May-2017 to 05-May-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Partnering and Outsourcing	Entrepreneurship/ Startup	05-May-2017 to 05-May-2017 (1 Days)	Within Campus	10	32	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Communications	Entrepreneurship/ Startup	16-May-2017 to 16-May-2017 (1 Days)	Outside Campus	7	43	50	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Investor interaction	Entrepreneurship/ Startup	16-May-2017 to 16-May-2017 (1 Days)	Outside Campus	7	43	50	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Building a social venture part 3	Entrepreneurship/ Startup	19-May-2017 to 19-May-2017 (1 Days)	Within Campus	9	37	46	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Pricing strategies	Entrepreneurship/ Startup	19-May-2017 to 19-May-2017 (1 Days)	Within Campus	12	41	53	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Social Impact Assessment	Entrepreneurship/ Startup	19-May-2017 to 19-May-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Go to market strategy	Entrepreneurship/ Startup	19-May-2017 to 19-May-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Scaling a sustainable business	Entrepreneurship/ Startup	02-Jun-2017 to 02-Jun-2017 (1 Days)	Within Campus	13	43	56	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Fund Raising	Entrepreneurship/ Startup	02-Jun-2017 to 02-Jun-2017 (1 Days)	Within Campus	15	35	50	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Marketing, Sales and Branding	Entrepreneurship/ Startup	02-Jun-2017 to 02-Jun-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00

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2017-18	Workshops / Training / Seminars / Conferences	Structured communication	Entrepreneurship/ Startup	16-Jun-2017 to 16-Jun-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Workshops / Training / Seminars / Conferences	Investor due diligence	Entrepreneurship/ Startup	16-Jun-2017 to 16-Jun-2017 (1 Days)	Within Campus	7	35	42	0.00	6300000.00	6300000.00
2017-18	Other Related Programs	ONGC Joint Incubation Program	Entrepreneurship/ Startup	21-Jun-2017 to 21-Jun-2017 (1 Days)	Within Campus	10	40	50	0.00	99386.00	99386.00
2017-18	Awareness / Motivational Programs	Entrepreneurship and Business Club	Entrepreneurship/ Startup	17-Jul-2017 to 14-Mar-2018 (241 Days)	Within Campus	4000	0	4000	0.00	400000.00	400000.00
2017-18	Workshops / Training / Seminars / Conferences	Illuminate 2017	Entrepreneurship/ Startup	04-Aug-2017 to 14-Nov-2017 (103 Days)	Outside Campus	60	4000	4060	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Demo Day	Innovation	04-Aug-2017 to 10-Aug-2017 (7 Days)	Within Campus	10	50	60	0.00	60710.00	60710.00
2017-18	Workshops / Training / Seminars / Conferences	Fundamentals of IPR	IPR	05-Aug-2017 to 11-Nov-2017 (99 Days)	Within Campus	14	9	23	0.00	50000.00	50000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	National Entrepreneurship Challenge	Entrepreneurship/ Startup	12-Aug-2017 to 28-Jan-2018 (170 Days)	Outside Campus	0	600	600	0.00	600000.00	600000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Eureka 2017	Entrepreneurship/ Startup	24-Aug-2017 to 27-Jan-2018 (157 Days)	Within Campus	256	10000	10256	0.00	5000000.00	5000000.00
2017-18	Other Related Programs	PMC Meeting	Innovation	06-Oct-2017 to 06-Oct-2017 (1 Days)	Within Campus	4	16	20	133557.00	0.00	133557.00
2017-18	Workshops / Training / Seminars / Conferences	Medtech Event	Entrepreneurship/ Startup	06-Oct-2017 to 06-Oct-2017 (1 Days)	Within Campus	35	60	95	0.00	20000.00	20000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Demo Day	Innovation	04-Nov-2017 to 04-Nov-2017 (1 Days)	Outside Campus	10	200	210	0.00	474953.00	474953.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	India International Trade Fair	Entrepreneurship/ Startup	09-Nov-2017 to 14-Nov-2017 (6 Days)	Outside Campus	0	10	10	0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Entrepreneurship day	Entrepreneurship/ Startup	09-Nov-2017 to 09-Nov-2017 (1 Days)	Within Campus	2	20	22	0.00	0.00	0.00

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2017-18	Workshops / Training / Seminars / Conferences	Academia Industry Training	Innovation	21-Nov-2017 to 27-Apr-2018 (158 Days)	Outside Campus	7	7	14	0.00	8652000.00	8652000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	TechConnect 2017	Innovation	29-Dec-2017 to 31-Dec-2017 (3 Days)	Within Campus	1200	4500	5700	2396054.00	0.00	2396054.00
2017-18	Workshops / Training / Seminars / Conferences	Induction Workshop for TEQIP III Faculty	IPR	22-Jan-2018 to 26-Jan-2018 (5 Days)	Within Campus	0	153	153	0.00	5325000.00	5325000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	E- Summit 2018	Entrepreneurship/Startup	27-Jan-2018 to 28-Jan-2018 (2 Days)	Within Campus	3000	7000	10000	0.00	11000000.00	11000000.00
2017-18	Workshops / Training / Seminars / Conferences	Induction Workshop for TEQIP III Faculty	IPR	29-Jan-2018 to 02-Feb-2018 (5 Days)	Within Campus	0	153	153	0.00	5325000.00	5325000.00
2017-18	Workshops / Training / Seminars / Conferences	4th International Conference on Management of IP and Strategy	IPR	31-Jan-2018 to 03-Feb-2018 (4 Days)	Within Campus	3	25	28	0.00	600000.00	600000.00
2017-18	Workshops / Training / Seminars / Conferences	Start Social Go Global	Entrepreneurship/Startup	03-Feb-2018 to 03-Feb-2018 (1 Days)	Within Campus	6	13	19	1200.00	0.00	1200.00
2017-18	Workshops / Training / Seminars / Conferences	Induction Workshop for TEQIP III Faculty	IPR	05-Feb-2018 to 09-Feb-2018 (5 Days)	Within Campus	0	153	153	0.00	5325000.00	5325000.00
2017-18	Workshops / Training / Seminars / Conferences	Induction Workshop for TEQIP III Faculty	IPR	12-Feb-2018 to 19-Feb-2018 (8 Days)	Within Campus	0	153	153	0.00	5325000.00	5325000.00
2017-18	Workshops / Training / Seminars / Conferences	Intellectual property (IP) and its management	IPR	13-Feb-2018 to 13-Feb-2018 (1 Days)	Within Campus	71	0	71	10000.00	0.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	User experience to developing business model- Nidhi Prayas	Entrepreneurship/Startup	23-Feb-2018 to 23-Feb-2018 (1 Days)	Within Campus	33	0	33	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Workshop on design thinking and business model	Entrepreneurship/Startup	01-Mar-2018 to 01-Mar-2018 (1 Days)	Within Campus	15	20	35	6000.00	0.00	6000.00
2017-18	Workshops / Training / Seminars / Conferences	Impact in Communication	Entrepreneurship/Startup	24-Mar-2018 to 24-Mar-2018 (1 Days)	Within Campus	11	6	17	11154.00	0.00	11154.00

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	Hackathons/Competition/Boot-Camp/Exchange Programs	Bootcamp	Entrepreneurship/Startup	24-Nov-2018 to 25-Nov-2018 (2 Days)	Outside Campus	25	0	25	0.00	11600000.00	11600000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Booster Camp	Entrepreneurship/Startup	29-Nov-2018 to 29-Nov-2018 (1 Days)	Within Campus	25	0	25	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Booster Camp	Entrepreneurship/Startup	10-Dec-2018 to 10-Dec-2018 (1 Days)	Within Campus	25	0	25	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Booster Camp	Entrepreneurship/Startup	17-Dec-2018 to 17-Dec-2018 (1 Days)	Within Campus	25	0	25	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Booster Camp	Entrepreneurship/Startup	24-Dec-2018 to 24-Dec-2018 (1 Days)	Within Campus	25	0	25	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.

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	Entrepreneurship/Startup	Bio Asia 2014	BioSpectrum	International	Both	1		10145.00	0.00	10145.00
2015-16	Other Related Programs	Entrepreneurship/Startup	Global Business Forum Event	ISBA	National	Both	4		68472.00	0.00	68472.00
2015-16	Other Related Programs	Entrepreneurship/Startup	UKTI Event	UKTI	National	Both	1		1879.00	0.00	1879.00
2015-16	Other Related Programs	Entrepreneurship/Startup	Make In India Event	DST	National	Both	1		11093.00	0.00	11093.00
2015-16	Other Related Programs	Entrepreneurship/Startup	Tiecon Event	TIE	National	Both	2		3957.00	0.00	3957.00
2015-16	Other Related Programs	Entrepreneurship/Startup	Kerala Investors Meet, Start up India Event and IIT Delhi Visit	KERALA INVESTORS	National	Both	1		2157.00	0.00	2157.00
2015-16	Awareness / Motivational Programs	Entrepreneurship/Startup	DST NSTEDB Workshop and Gupshup Technology Event	DST	National	Both	1		7317.00	0.00	7317.00
2015-16	Workshops / Training / Seminars / Conferences	Entrepreneurship/Startup	Stanford Faculty Fellows Programme	Stanford University	International	Faculty	4		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.

2015-16	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	International Conference on Transnational Entrepreneurship	IIM Bangalore	International	Both	3		50000.00	0.00	50000.00
2015-16	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Global Research and Development Summit 2015	Federation of Indian Chambers of Commerce and Industry (FICCI) and Department of Science & Technology	National	Both	3		495126.00	0.00	495126.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	International Engineering and Technology Fair-2017	Confederation of Indian Industries	International	Both	3		223974.00	0.00	223974.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	International Engineering Sourcing Show-VI	Engineering Export Promotion Council, Ministry of Commerce & Industry	International	Both	6		300000.00	0.00	300000.00
2016-17	Other Related Programs	Entrepreneurship/S tartup	Recce - Innovation Entrepreneurship Education in Universities globally	NUS and other Universities	International	Faculty	2		0.00	0.00	0.00
2016-17	Other Related Programs	Innovation	PMC Meeting	SINE	National	Both	4		101842.00	0.00	101842.00
2016-17	Awareness / Motivational Programs	IPR	IP Management in academia - an overview	IIT Patna - 16 sept 2016	National	Both	30	Invited lecture	0.00	15000.00	15000.00
2016-17	Workshops / Training / Seminars / Conferences	IPR	National workshop on IPR	IIT Guwahati- 30 Nov 2016	National	Both	200	Invited lecture	0.00	25000.00	25000.00
2016-17	Workshops / Training / Seminars / Conferences	IPR	Workshop on IPR- Role of Technical Institutes in creation of IP	"Shri Govindram Seksaria Institute of Technology & Science Indore -- 16 March 2017"	National	Both	100	keynote address	0.00	20000.00	20000.00
2016-17	Awareness / Motivational Programs	Innovation	India Innovation Growth Programme 2.0, Mumbai	FICCI	National	Both	1		6000.00	0.00	6000.00
2016-17	Awareness / Motivational Programs	Entrepreneurship/S tartup	Tie -Smashup	TIE	National	Both	10		7500.00	0.00	7500.00
2016-17	Awareness / Motivational Programs	Entrepreneurship/S tartup	United States-India Science and Technology	USIS	International	Both	1		3500.00	0.00	3500.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	ISBA	ISBA	National	Both	5		0.00	115000.00	115000.00
2016-17	Workshops / Training / Seminars / Conferences	IPR	3rd International Conference of Management of IP and Strategy	IIT Bombay, MHRD & NITIE	International	Both	3		0.00	25000.00	25000.00

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	Other Related Programs	Entrepreneurship/S tartup	E Cell Panel on Investment and Pitching i SINE Swissnex AIT Review Panelj. National Entrepreneurship Awards Review Panel	SINE, DST, Swissnex AIT	International	Both	20		0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	4th International Conference on Management of IP and Strategy	IIT Bombay, DIPP & NITIE	International	Both	3		0.00	25000.00	25000.00
2017-18	Awareness / Motivational Programs	Innovation	BIG Grant Awareness	C-Camp	National	Both	15		4500.00	0.00	4500.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	Tatva Women Conference	Tatva	National	Both	4		12000.00	0.00	12000.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	LONGITUDE PRIZE and DISCOVERY AWARDS	NESTA	International	Both	5		5000.00	0.00	5000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Villgro Unconvention	Villgro	National	Both	15		3500.00	0.00	3500.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Nuts and Bolts on IPR Management for Start Ups	IITB	National	Both	5		0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	The AEONION	AEONION	National	Both	1		3500.00	0.00	3500.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/S tartup	Magnetic Maharashtra Convergence 2018 Start-Up Awards	Govt. of Maharashtra	National	Both	5	Top 3 awards won by SINE startups	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	TiE Global Summit	TiE	National	Both	4		4500.00	0.00	4500.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	GE Summit, Hyderabad	AP	National	Both	1		18000.00	0.00	18000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	9th Sankalp Global Summit 2017	Intellectap	International	Both	2		5000.00	0.00	5000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Deshpande Gopalakrishnan Symposium - IIT Madras	IITM	National	Both	2		13180.00	0.00	13180.00

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.

2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	ISBA	ISBA	National	Both	2		37000.00	0.00	37000.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Bio Conference Event	BIRAC	National	Both	1		18449.00	0.00	18449.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	Together for change - Empowering women	WEE	National	Both	1		9606.00	0.00	9606.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	STEM Annual Summit 2017	STEM-14 - 15th September 2017	National	Both	150	Panelist for Synergizing invention-innovation-investment of tech transfer offices; technology showcasing	0.00	10000.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Pandit Madan Mohan Malaviya Teacher trainig programme	IIT Bombay -1 to 21 dec 2017	National	Faculty	120	Invited talk on IPR and eco system in academia	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	Pandit Madan Mohan Malaviya Teacher training programme	IIT Bombay -1 to 21 dec 2017	National	Faculty	120	Invited talk on Research and funding opportunities	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Faculty Induction Workshops under TEQIP-III KIT project	IIT Bombay- 23 Jan to 16 feb 2018 -24 jan	National	Faculty	40	Invited talk on IPR and eco system in academia	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Faculty Induction Workshops under TEQIP-III KIT project	IIT Bombay- 31 jan	National	Faculty	40	Invited talk on IPR and eco system in academia	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Faculty Induction Workshops under TEQIP-III KIT project	IIT Bombay- 7 feb 2018	National	Faculty	40	Invited talk on IPR and eco system in academia	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Faculty Induction Workshops under TEQIP-III KIT project	IIT Bombay-16 feb 2018	National	Faculty	40	Invited talk on IPR and eco system in academia	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	CEP course on End to end innovation conducted for engineering faculty	IIT Bombay - TCTD_ 24 feb 2018	National	Faculty	35	Invited talk on patents and IPR	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Active learning Program Workshops under TEQIP-III KIT project	IIT Bombay-6 June 2018	National	Faculty	153		0.00	5325000.00	5325000.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Active learning Program Workshops under TEQIP-III KIT project	IIT Bombay-13 June 2018	National	Faculty	153		0.00	5325000.00	5325000.00

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.

2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Gopalkrishna Deshpande Symposium on Innovation and Entrepreneurship	IITB, IITM, Gopalkrishna Deshpande Consortium	National	Both	150		700000.00	2000000.00	2700000.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	I-NCUBATE	IITB,IITM, GDC	National	Both	50		1000000.00	2500000.00	3500000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	IITBAA Health Consortium	IITB Alumni Association	International	Faculty	1		0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	6th PAN IIM World Management Conference	IIM Bangalore	International	Faculty	1		0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Global Research and Development summit 2017	Federation of Indian Chambers of Commerce and Industry (FICCI) and Department of Science & Technology	National	Both	3		150000.00	0.00	150000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Energy Efficiency Summit 2017	Confederation of Indian Industry (CII) and CII-Sohrabji Godrej Green Business Centre, Hyderabad	National	Both	3		150000.00	0.00	150000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Magnetic Maharashtra Convergence 2018	Maharashtra State Government	International	Both	10		330000.00	0.00	330000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Festival of Innovation and Entrepreneurship (FINE) 2018 event	SRISTI, Ahmedabad and BIRAC, Department of Biotechnology	National	Both	8	Gandhian Young Technological Innovation (GYTI) Award	60000.00	0.00	60000.00

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
2015-16	Proof of Concept	Pre-Incubation	2015	Ground Floor, IDC, IITB	Prof P. Kumaresan	2000	5000000.00	0.00	5000000.00
2015-16	Society for Innovation & Entrepreneurship (KReSIT)	Incubation	1999	SINE-KReSIT, 4th Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	4500	3033778.00	0.00	3033778.00
2015-16	Society for Innovation & Entrepreneurship (CSRE)	Incubation	2004	SINE-CSRE, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	10000	6741728.00	0.00	6741728.00
2015-16	Society for Innovation & Entrepreneurship (SINE_Lab)	Pre-Incubation	2009	SINE-Lab, N-5 Bay, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1300	876425.00	0.00	876425.00

Pre-Incubation and Incubation facilities exist in-campus

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

2015-16	Society for Innovation & Entrepreneurship (Monash)	Pre-Incubation	2016	SINE-Monash, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1200	809007.00	0.00	809007.00
2016-17	Society for Innovation & Entrepreneurship (Monash)	Pre-Incubation	2016	SINE-Monash, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1200	1037475.00	357775.00	1395250.00
2016-17	Tinkerer's Lab	Pre-Incubation	2014	Electrical Department	Prof.Ramesh Singh	2000	0.00	4504568.00	4504568.00
2016-17	Society for Innovation & Entrepreneurship (SINE_Lab)	Pre-Incubation	2009	SINE-Lab, N-5 Bay, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1300	1123931.00	387590.00	1511521.00
2016-17	Society for Innovation & Entrepreneurship (CSRE)	Incubation	2004	SINE-CSRE, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	10000	8645623.00	2981456.00	11627079.00
2016-17	Society for Innovation & Entrepreneurship (KReSIT)	Incubation	1999	SINE-KReSIT, 4th Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	4500	3890530.00	1341655.00	5232185.00
2017-18	Society for Innovation & Entrepreneurship (KReSIT)	Incubation	1999	SINE-KReSIT, 4th Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	4500	2335872.00	7273960.00	9609832.00
2017-18	IDEAS	Pre-Incubation	2017	3rd Floor, IITB-Monash Building	Prof Anand Kusre	300	0.00	28300000.00	28300000.00
2017-18	I-NCUBATE	Pre-Incubation	2018	3rd Floor, IITB-Monash Building	Prof Anand Kusre	300	1000000.00	2000000.00	3000000.00
2017-18	Society for Innovation & Entrepreneurship (CSRE)	Incubation	2004	SINE-CSRE, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	10000	5190827.00	16164355.00	21355182.00
2017-18	Society for Innovation & Entrepreneurship (SINE_Lab)	Pre-Incubation	2009	SINE-Lab, N-5 Bay, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1300	674808.00	2101366.00	2776174.00
2017-18	Society for Innovation & Entrepreneurship (Monash)	Pre-Incubation	2016	SINE-Monash, 3rd Floor, IIT Bombay Campus, Powai, Mumbai - 400 076	Poyni Bhatt	1200	622899.00	1939723.00	2562622.00

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 Year	Category	Name of Idea / Project / Innovation / Startup	Applicant Type	Academic Year of Study	Project Completion	Core Team Size (Nos)	Fund Supported				Current Status (as 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	WeCare	Student	PhD & Above	On Progress	1	0.00	0.00	0.00	0.00	Technology Development/Pre Incubation Phase
2015-16	Patented Innovative Technology to Start-up	Inceptor Technologies Pvt. Ltd. (Innovision)	Student	Bachelor	Successfully Completed	1	500000.00	2000000.00	10000000.00	12500000.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	MedPrime Technologies Pvt.Ltd.	Student	Master	Successfully Completed	1	500000.00	1500000.00	4000000.00	6000000.00	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

2015-16	Idea to PoC / Prototype / Innovation	Paperplane Cinemas Pvt. Ltd.	Faculty		Dropped	1	0.00	0.00	0.00	0.00	Dormant Phase/Dropped
2015-16	Idea to PoC / Prototype / Innovation	Tutelez Knowledge Solutions Pvt.Ltd.	Student	Master	Dropped	1	0.00	0.00	0.00	0.00	Dormant Phase/Dropped
2015-16	Non-Patented Innovative Technology to Start-up	Gururaya Solutions Pvt.Ltd. (M76 Analytics)	Alumni		Successfully Completed	1	500000.00	2000000.00	0.00	2500000.00	Startup under Incubation Phase
2015-16	Patented Innovative Technology to Start-up	Power Anser Labs Pvt. Ltd.	Faculty		On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2015-16	Patented Innovative Technology to Start-up	CareNx Innovations Pvt.Ltd.	Student	PhD & Above	Successfully Completed	1	500000.00	2000000.00	0.00	2500000.00	Startup under Incubation Phase
2015-16	Non-Technological Innovation to Startup	Niwas Homefin Solutions Pvt.Ltd.(SMENiwas)	Alumni		Successfully Completed	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2015-16	Non-Technological Innovation to Startup	Niwas Homefin Solutions Pvt.Ltd.(SMENiwas)	Alumni		Successfully Completed	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2015-16	Patented Innovative Technology to Start-up	Transpact Enterprises Pvt.Ltd.	Alumni		On Progress	1	250000.00	2500000.00	0.00	2750000.00	Startup under Incubation Phase
2015-16	Non-Technological Innovation to Startup	M2S HR Services (BoICVbol)	Alumni		Dropped	1	250000.00	0.00	0.00	250000.00	Dormant Phase/Dropped
2015-16	Non-Technological Innovation to Startup	Tholoc Media Pvt.Ltd.(Thought(x))	Alumni		Dropped	1	500000.00	2000000.00	0.00	2500000.00	Dormant Phase/Dropped
2015-16	Non-Technological Innovation to Startup	Triangular Studios Pvt.Ltd. (Tantra Mitra)	Alumni		Dropped	1	500000.00	0.00	0.00	500000.00	Dormant Phase/Dropped
2015-16	Idea to PoC / Prototype / Innovation	Smart Stretcher (Porcupine)	Alumni		Dropped	1	0.00	5000000.00	0.00	5000000.00	Dormant Phase/Dropped
2015-16	Idea to PoC / Prototype / Innovation	Smart Stretcher (Porcupine)	Alumni		Dropped	1	0.00	5000000.00	0.00	5000000.00	Dormant Phase/Dropped
2015-16	Idea to PoC / Prototype / Innovation	Point of care diagnostic	Student	PhD & Above	Successfully Completed	1	0.00	5000000.00	0.00	5000000.00	Graduated Startup
2015-16	Non-Technological Innovation to Startup	Mapicle Technologies Pvt.Ltd.	Alumni		Dropped	1	0.00	5000000.00	0.00	5000000.00	Dormant Phase/Dropped

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

2015-16	Idea to PoC / Prototype / Innovation	SoundRex	Student	Bachelor	On Progress	1	120000.00	0.00	0.00	120000.00	Technology Development/Pre Incubation Phase
2015-16	Idea to PoC / Prototype / Innovation	JanYu	Student	Bachelor	On Progress	1	50000.00	0.00	0.00	50000.00	IP – Tech Transfer/Commerci alization Phase
2016-17	Idea to PoC / Prototype / Innovation	Virtual Reality for Film making	Student	Bachelor	Dropped	1	30000.00	0.00	0.00	30000.00	Dormant Phase/Dropped
2016-17	Idea to PoC / Prototype / Innovation	Sepal	Alumni		On Progress	1	20000.00	0.00	0.00	20000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Care NX Innovations	Student	PhD & Above	On Progress	1	0.00	0.00	0.00	0.00	Graduated Startup
2016-17	Idea to PoC / Prototype / Innovation	Bubble	Student	Bachelor	Dropped	1	0.00	0.00	0.00	0.00	Dormant Phase/Dropped
2016-17	Idea to PoC / Prototype / Innovation	UshvaTech	Alumni		On Progress	1	150000.00	0.00	0.00	150000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	SoilSenS	Alumni		On Progress	1	30000.00	0.00	0.00	30000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Faclon Laboratories	Alumni		On Progress	1	0.00	0.00	0.00	0.00	Graduated Startup
2016-17	Patented Innovative Technology to Start-up	Adept Ideations	Alumni		On Progress	1	50000.00	0.00	0.00	50000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	IITB Innovate program (8 innovators supported from IITB)	Alumni		Successfully Completed	1	2000000.00	0.00	0.00	2000000.00	Graduated Startup
2016-17	Idea to PoC / Prototype / Innovation	Imboss Technology Pvt.Ltd.	Alumni		On Progress	1	250000.00	0.00	0.00	250000.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Algosurg Products Pvt.Ltd.	Alumni		On Progress	1	500000.00	1000000.00	11300000.00	12800000.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Metwiz Materials Pvt.Ltd.	Faculty		On Progress	1	250000.00	1000000.00	0.00	1250000.00	Startup under Incubation Phase
2016-17	Non-Technological Innovation to Startup	Vytal Healthtech Pvt.Ltd.	Alumni		On Progress	1	250000.00	1000000.00	1000000.00	2250000.00	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	Non-Patented Innovative Technology to Start-up	WKA Technology Pvt.Ltd (Wylfiwyg)	Faculty		On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Tesla Innovations Private Limited (TIPL)	Alumni		On Progress	1	500000.00	2000000.00	0.00	2500000.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Emergy Enviro Pvt.Ltd.	Alumni		On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Allincall Research and Solutions Pvt.Ltd	Student	Bachelor	On Progress	1	250000.00	0.00	0.00	250000.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Wayusaka Innovations Pvt.Ltd.	Alumni		On Progress	1	500000.00	1000000.00	0.00	1500000.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	H2E Power Systems Private Limited	Alumni		On Progress	1	250000.00	0.00	0.00	250000.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	BlueZeal Labs Pvt.Ltd.	Student	PhD & Above	On Progress	1	0.00	0.00	0.00	0.00	Technology Development/Pre Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Afresh Technology Solutions Pvt. Ltd.	Alumni		Successfully Completed	1	0.00	3000000.00	0.00	3000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Apeiron Mobility Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	3000000.00	0.00	3000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Ayata Intelligence Pvt. Ltd.	Student	Master	Successfully Completed	1	0.00	1000000.00	1000000.00	2000000.00	Graduated Startup
2016-17	Patented Innovative Technology to Start-up	Bharati Robotic Systems (India) Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	3000000.00	0.00	3000000.00	Graduated Startup
2016-17	Patented Innovative Technology to Start-up	BleeTech Innovations Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	1000000.00	5000000.00	6000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Epocare Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	1000000.00	1000000.00	2000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Fraggingmonk Technologies Pvt. Ltd.	Student	Master	Successfully Completed	1	0.00	1000000.00	0.00	1000000.00	Graduated Startup

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	Non-Patented Innovative Technology to Start-up	Linkeddots Engineering Solutions Pvt. Ltd.	Student	Master	Successfully Completed	1	0.00	3000000.00	0.00	3000000.00	Graduated Startup
2016-17	Patented Innovative Technology to Start-up	Magveh Energy Recovery Systems Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	1000000.00	3000000.00	4000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Redcherry Analytics Pvt. Ltd.	Faculty		Successfully Completed	1	0.00	2000000.00	0.00	2000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Revsmart Wearable Technologies Pvt. Ltd.	Student	Bachelor	Successfully Completed	1	0.00	3000000.00	6500000.00	9500000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Udiyate Technologies Pvt. Ltd.	Student	Master	Successfully Completed	1	0.00	1000000.00	0.00	1000000.00	Graduated Startup
2017-18	Non-Patented Innovative Technology to Start-up	EnDimension Technology Pvt. Ltd.(Medic.dl)	Student	Bachelor	On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	Metflux Research Pvt. Ltd.	Faculty		On Progress	1	500000.00	2000000.00	0.00	2500000.00	Startup under Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	FINEFFI Energy Solutions Private Limited	Alumni		On Progress	1	250000.00	0.00	0.00	250000.00	Startup under Incubation Phase
2017-18	Non-Technological Innovation to Startup	Ikuber Financial Services IMF Pvt. Ltd.	Student	Master	On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Patented Innovative Technology to Start-up	Sustainable Reference Analytics Private Limited (SustLabs)	Alumni		On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	Botsrule Pvt. Ltd.	Alumni		On Progress	1	500000.00	0.00	0.00	500000.00	Startup under Incubation Phase
2017-18	Patented Innovative Technology to Start-up	Ayu Devices Pvt. Ltd.	Alumni		On Progress	1	500000.00	10000000.00	0.00	10500000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Qawach Bio Pvt. Ltd.	Alumni		On Progress	1	0.00	5000000.00	0.00	5000000.00	Technology Development/Pre Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Wecare, ngaige	Alumni		On Progress	1	0.00	4300000.00	0.00	4300000.00	Technology Development/Pre 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	Patented Innovative Technology to Start-up	Acuradyne medical Systems Pvt.Ltd.	Faculty		On Progress	1	500000.00	7500000.00	0.00	8000000.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Scube accelerator program (6 start ups supported)	Student	Master	Successfully Completed	1	0.00	1300000.00	0.00	1300000.00	Graduated Startup
2017-18	Idea to PoC / Prototype / Innovation	NIDHI-EIR Program (9 entrepreneurs supported)	Student	Bachelor	Successfully Completed	1	0.00	3240000.00	0.00	3240000.00	Graduated Startup
2017-18	Idea to PoC / Prototype / Innovation	NIDHI-PRAYAS program (17 innovators supported)	Student	Bachelor	Successfully Completed	1	0.00	10000000.00	0.00	10000000.00	Graduated Startup
2017-18	Idea to PoC / Prototype / Innovation	Low cost skinlight electrodes for EEG	Faculty		On Progress	1	0.00	5000000.00	0.00	5000000.00	Technology Development/Pre Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Smart Lab - PoC tested in the Lab	Student	Bachelor	On Progress	1	50000.00	0.00	0.00	50000.00	Technology Development/Pre Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Dynasense	Alumni		On Progress	1	0.00	0.00	0.00	0.00	Technology Development/Pre Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	RoadCare	Student	Bachelor	On Progress	1	0.00	0.00	0.00	0.00	Technology Development/Pre Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Augle AI	Student	Bachelor	On Progress	1	200000.00	0.00	0.00	200000.00	Technology Development/Pre 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	Hot Axle Detection System	1389/MUM/2015	Student	National	Application under Examination	400000.00	0.00	400000.00
2015-16	Waste Heat Recovery Based Clothes Dryer	1391/MUM/2015	Student	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A LAPAROSCOPIC DEVICE FOR RETRACTING ORGAN TISSUE DURING SURGERY	1392/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	A DEVICE FOR MEASUREMENT OF PROPERTIES OF A BODY PART	1431/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00

Intellectual Properties Filed

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

2015-16	A SURGICAL INSTRUMENT WITH MULTIPLE DEGREES OF FREEDOM	1463/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	MODULAR MULTILEVEL CURRENT SOURCE CONVERTER	1471/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A novel process for transferring graphene oxide monolayer sheets on substrates	1486/MUM/2015	Student and Faculty	National	Application under Examination	200000.00	0.00	200000.00
2015-16	An Anchor	1502/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	Multi- Use Biopsy Device	1503/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	A electronic device that mimics a biological neuron and its fabrication	1545/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	FABRICATION OF CERAMIC CARBON COMPOSITES WITH LOW SPECIFIC RESISTANCE	1552/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	HYBRID H-BRIDGE MODULAR MULTILEVEL CONVERTER (MMC)	1563/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	VAPOUR ABSORPTION REFRIGERATION SYSTEM INCLUDING A METAL HYDRIDE CHAMBER TO MAINTAIN EVAPORATOR INLET TEMPERATURE	1571/MUM/2015	Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A method and a system for producing thermolabile nanoparticles with controlled properties and nanoparticles matrices made thereby	1575/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A COMPOSITE SCAFFOLD AND A METHOD FOR ITS PREPARATION	1592/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Vapour absorption refrigeration system to equalize liquid volume in titling position	1610/MUM/2015	Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	Filter Adsorbent	1626/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	STIRLING ENGINE AND A METHOD FOR OPTIMIZING EFFICIENCY THEREOF	1638/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	Asymmetrical triple bridge converter based power electronic transformer	1811/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00

Intellectual Properties Filed

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

2015-16	Transformer-less grid connected inverter with two separate PV arrays while minimizing leakage current	1873/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	A LAPAROSCOPIC SURGICAL INSTRUMENT WITH AN ERGONOMICALLY FUNCTIONAL HANDLE	1828/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	A novel and inexpensive design for establishing flow rates in Simulated Moving Bed Chromatography (SMBC) system	1947/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A Method to Determine Thermal Conductivity of Soils from Flux Measurement	1930/MUM/2015	Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A bulk planar capacitorless DRAM	1976/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Continuous Flow Selective Bromination of Organic Compounds	1967/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A Novel Process for the Syntheses of High Molecular Weight Polymers based on 3,4-dioxythiophenes via Direct C-H Arylation Type Reductive Polymerization	1968/MUM/2015	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2015-16	Continuous Flow Process for the Transesterification of x000D 3 4 Dimethoxythiophene	1969/MUM/2015	Student and Faculty	National	Application under Examination	4000000.00	0.00	4000000.00
2015-16	GEARBOX WITH DIFFERENTIAL SPEED FOR YAW CONTROL	1971/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A METHOD FOR MOLDING THERMOPLASTICS	2003/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	SIGNAL ACQUISITION SYSTEM AND METHOD FOR COMPENSATING IMPEDANCE MISMATCH BETWEEN ELECTRODES	2044/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	An Interoperable on-site processing and analysis platform for WSN	2236/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	ANKLE FOOT ORTHOSIS	2276/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Vehicle body construction with Modular sandwich panels	2290/MUM/2015	Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	MULTI-COLOR FLUORESCENT LIPONIONS AND A PROCESS FOR ITS PREPARATION	2368/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Remote configuration and control of a panic button	732/MUM/2015	Student and Faculty	National	Application Published	0.00	200000.00	200000.00
2015-16	Template assembly	2421/Mum/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Template-assisted method of selective functionalization of remotely located para-c-h bond comprised on arene	2422/Mum/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	VORTEX FLOWMETER FOR MEASURING A FLUID FLOW RATE	2459/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	TUNABLE REFERENCE VOLTAGE GENERATING CIRCUIT AND METHOD THEREFORE	2464/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	A TWO BODY ZERO-CONTOURED LIGHTER THAN AIR PLATFORM FOR OPTIMIZED SOLAR POWER GENERATION	2468/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	METHOD OF SYNTHESIS OF MONODISPERSED GRAPHENE QUANTUM DOTS	2476/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	SYSTEM AND METHOD FOR A VOLUME FLOW RATE MEASUREMENT OF A FLUID	2497/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	TENSILE STRUCTURE REINFORCEMENT FOR VEHICLE BODIES	2490/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	LABEL-FREE METHOD FOR DETECTION AND QUANTIFICATION OF PROTEIN BIOMARKERS	2587/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	FOOT OPERATED CONTAINER CRUSHER AND ITS METHOD THEREOF	2596/MUM/2015	Student	National	Application Published	400000.00	0.00	400000.00
2015-16	PROCESS FOR THE PREPARATION OF CEPHALOSPOROLIDES E AND F	2595/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	SERIAL FLOW CONTINUOUS SEPARATION PROCESS FOR ENHANCING KEY COMPONENT PURITY	2602/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	ELECTROCHEMICALLY SYNTHESIZED GRAPHENE QUANTUM DOTS BASED SENSOR	2796/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	SINGLE EVENT SOFT ERROR (SE) TOLERANT LATCH	2806/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	FLOW DISTRIBUTOR FOR A THERMOCLINE STORAGE TANK	2807/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	AN APPARATUS FOR MEASURING COSMIC RAY FLUX IN A RADIOSONDE TELEMETRY SYSTEM, AND A METHOD THEREOF	2929/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	A PROCESS FOR SYNTHESIS OF METHYL KETONES BY WACKER TYPE OXIDATION REACTION	2965/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	NANO-IN-MICRO FORMULATION AS BIOSENSORS	2967/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	VEIN DETECTOR WITH AN OPTIMUM AREA FOR DISPLAYING A VEIN	2990/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A LAPAROSCOPIC INSTRUMENT WITH AN AUTOMATED GRASPER	3020/MUM/2015	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2015-16	PROTEIN AUTOANTIBODY BIOMARKERS FOR GLIOMAS	3028/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	CONTINUOUS FLOW PROCESS FOR THE SYNTHESSES OF POLYANILINE AND POLYPYRROLE NANOFIBERS	3030/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	AN APPAARTUS FOR SENSING DATA	3054/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	METHOD AND DEVICE FOR ENHANCING TOTAL CAVO-PULMONARY CONNECTION (TCPC) FLOW	3091/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	DIRECT (HETERO)ARYLATION REACTION AND POLYMERIZATION	3139/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	METHOD AND SYSTEM OF SYNTHESIZING A TARGET MATERIAL USING AN ULTRA FAST LASER ABLATION TECHNIQUE	3253/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	METHOD OF PROCESSING CO-ZN FERRITE BILAYERS TO ACHIEVE HIGH MAGNETIZATION	3260/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	UNDERGROUND COMMUNICATION SYSTEM	3292/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	ENHANCED PHOTOSTABILITY, EXTENDED RANGE UVA FILTERING AND CAMOUFLAGING POTENTIAL OF AVOBENZONE-DEFECT RICH ZNO NANOCRYSTALS COMPLEX	3310/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	GENERATING SELF OSCILLATIONS BY USING A NON-UNIFORM SPIN CURRENT AND A UNIFORM MAGNETIC FIELD	3395/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	APPARATUS FOR MEASURING MOISTURE CONTENT IN A MEDIUM	3418/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	ELIMINATION OF SUPPORT MECHANISM IN ADDITIVE MANUFACTURING	3366/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	APPARATUS AND METHOD FOR MEASURING MOISTURE CONTENT IN MEDIUM USING TIME DOMAIN REFLECTOMETRY (TDR)	3419/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	NANOCRYSTALLINE CU ₂ ZNSNTE ₄ MATERIAL, FILMS COMPRISING THE MATERIAL AND PROCESS FOR THEIR MANUFACTURE	3460/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	SEGMENTED OBJECT MANUFACTURING	3524/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	METHODOLOGY OF IMPROVING FORMABILITY IN PLANAR ANISOTROPIC SHEETS	3589/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	TARGETED POLYMERIC NANO-COMPLEXES AS DRUG DELIVERY SYSTEM	3738/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	FUNCTIONALIZATION OF GRAPHENE	3814/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	A matrix update method for admittance matrix formation in real-time simulation of power electronic circuits	3864/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	SELECTOR-LESS RESISTANCE RANDOM ACCESS MEMORY (RRAM)	3866/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	VAPOUR PHASE SELF ASSEMBLED MONOLAYER	3885/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	TPGS COMPRISED GOLD COATED POLY -(LACTIC-CO-GLYCOLIC ACID) NANOSTRUCTURES AND PROCESS FOR ITS PREPARATION	4082/MUM/2015	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	BITUMEN COATED BAMBOO GEOCELL MATTRESS	4101/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	MULTI-CHANNEL SIGNAL CONDITIONING READOUT CIRCUIT FOR RESISTIVE AND CAPACITIVE SENSORS	4202/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A DESIGN METHOD FOR LOW-POWER AND LOW-NOISE BIOMEDICAL SIGNAL CONDITIONING CIRCUIT	4236/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	MINIATURE STEAM GENERATOR APPARATUS	4237/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	INNOVATIVE APPROACH TO GROW LARGE AREA CONTINUOUSMONOLAYER MOS2FILM ON C-FACE SAPPHIRE	4307/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	METHOD AND SYSTEM FOR SOIL CLASSIFICATION	4308/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A Temperature, Supply Invariant and Process Tolerant Current Reference Circuit	4309/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	SCALABLE ULTRA DENSE HYPERGRAPH NETWORK FOR DATA CENTERS	4340/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	WIND AUGMENTATION AND AIR PURIFYING UNIT	4369/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	SELECTIVELY MODULATED AESTHETIC REFLECTOR TECHNOLOGY (SMART) COATINGS FOR COLORED AESTHETIC PHOTOVOLTAIC MODULES	4410/MUM/2015	Student	National	Application Published	300000.00	0.00	300000.00
2015-16	VOLTAGE MODE LOG DOMAIN LOW PASS FILTER (LDLPF) FOR HEALTH CARE APPLICATIONS	4557/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	METHOD AND APPARATUS FOR FORMING SILICON DOPED GALLIUM NITRIDE (GAN) FILMS BY A CO-SPUTTERING TECHNIQUE	4554/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	METHOD FOR FRICTIONLESS PRECISION GUIDANCE	4607/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	OLLED SPONTANEOUS THREE DIMENSIONAL FABRICATION OF MICRO MESO STRUCTURES	4608/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	PAPER PACKAGE FOR FRAGILE BRITTLE PRODUCTS	4609/MUM/2015	Student and Faculty	National	Application Published	200000.00	0.00	200000.00
2015-16	METHOD AND PORTABLE ELECTRONIC NOSE SYSTEM FOR DETECTING TYPE OF AIRBORNE CHEMICAL	4668/MUM/2015	Student and Faculty	National	Application under Examination	300000.00	0.00	300000.00
2015-16	A SYSTEM APPARATUS AND A METHOD FOR STIMULATING A VESTIBULAR SYSTEM OF A USER	4673/MUM/2015	Faculty	National	Application Published	200000.00	0.00	200000.00
2015-16	A PORTABLE MICROSCOPE	4743/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	DESIGN AND DEVELOPMENT OF A GEARLESS SPHERICAL ROBOT	4717/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	NEAR INFRA-RED HYBRID NANOMATERIALS AND GRAPHENE OXIDE FOR THERANOSTIC APPLICATIONS	4747/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	REALIZATION OF THE COMPOSITE INJECTION MOLDS WITH CONFORMAL COOLING CHANNELS THROUGH HYBRID LAYERED MANUFACTURING	4762/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	HYBRID MULTILEVEL INVERTER	4840/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A T-Type NPC Based Flying capacitor Hybrid Multilevel Inverter	4841/MUM/2015	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2015-16	DEGRADABLE OR TRANSFORMABLE GOLD COATED LIPOSOMAL NANO-CONSTRUCT AND A PROCESS FOR ITS PREPARATION	4910/MUM/2015	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	A method for reducing power and area in multi-bit pseudo-random binary sequence generator	4983/MUM/2015	Student	National	Application Published	300000.00	0.00	300000.00
2015-16	Clock alignment and deserializer circuit employing samplers and decision feedback equalization	4982/MUM/2015	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	SAW Resonator Oscillator Based Injection Locked OOK Transmitter	201621000639	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	PROCESS FOR RECYCLING OF METALLIC SCRAP	201621000744	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Design Considerations for Transmitter and Receiver for Personal Health Care Applications	201621001014	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	Molecular and Device Engineering for Electroluminescence Using Organic Semiconductors	201621001280	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	MULTIFUNCTIONAL POLYMERIC NANOCARRIER	201621001554	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	A compact semiconductor module	201622002351	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	A Solar Photovoltaic Integrated Contoured Kite as a Hybrid Power Generating System	201621002612	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Method and system for rendering audio streams	201621002956	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	A process for the fabrication of high strength nano bioactive glass	201621003266	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2015-16	Method for detecting mercury in an aqueous sample	201621004916	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	Method for detecting mercury in an aqueous medium	201621005597	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	Oral delivery of macromolecules including insulin	201621005792	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	Drug Delivery System	201621006380	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	ZnMgO NANORODS BY HYDROTHERMAL BATH TREATMENT FOR OPTOELECTRONIC AND ELECTRONIC DEVICE APPLICATIONS	201621007211	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	AuGe SURFACE PLASMONS FOR ENHANCING PERFORMANCE OF OPTOELECTRONIC MATERIALS AND DEVICES	201621007212	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2015-16	SOFT COHESIVE SOIL CONSOLIDATION WITH STONE COLUMNS	201621007592	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	A NOVEL METHOD FOR QUANTIFICATION OF GEOMATERIAL-CONTAMINANT INTERACTION	201621008871	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2015-16	NEAR INFRA-RED RESPONSIVE THERMOSENSITIVE NANOSHELLS	201621009168	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2015-16	MEMS based wideband (UV-Vis and IR) polymer photodetector for photoconductivity and pyroelectric measurements.	14/882835	Student and Faculty	International	Patent Granted	500000.00	0.00	500000.00
2015-16	SYSTEM AND METHOD FOR DECOMPOSING MUNICIPAL SOLID WASTE (MSW) UNDER ANAEROBIC CONDITIONS	15/002075	Student and Faculty	International	Patent Granted	0.00	0.00	0.00
2015-16	Modular Converter with an auxiliary wave shaping circuit.	15015363	Student and Faculty	International	Patent Granted	400000.00	0.00	400000.00
2015-16	A method and system for suppressing noise in hearing aids and speech communication devices using noise estimationbased on dynamic quantile tracking	PCT/IN2015/000183	Student and Faculty	International	Application Published	250000.00	0.00	250000.00

Intellectual Properties Filed

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

2015-16	Photonic devices by organo-metallic halides based perovskites material and its method of preparation	PCT/IN2015/000288	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	Solar Collector with Integrated Heat Storage - II	PCT/IN2015/000026	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	A novel process for transferring graphene oxide monolayer sheets on substrates	PCT/IN2016/050009	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	A PORTABLE SYSTEM AND METHOD FOR 3-DIMENSIONAL SURGERY PLANNING USING CONVENTIONAL 2-DIMENSINAL X-RAY IMAGES	PCT/IN2016/000002	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	An automated needle holder and suturing device	PCT/IN2016/000077	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	Intellectual Property Management System Tool (IPMS tool)	PCT/IN2016/000080	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2015-16	NON-UNIFORM INTENSITY MAPPING USING HIGH PERFORMANCE ENTERPRISE COMPUTING SYSTEM	1426/MUM/2015	Jointly with Industry	National	Application Published	400000.00	106823.00	506823.00
2015-16	METHOD AND SYSTEM FOR LOOK UP TABLE (LUT) BASED CIRCUIT SIMULATION	3150/MUM/2015	Jointly with Industry	National	Application Published	300000.00	0.00	300000.00
2015-16	PEROVSKITE SOLAR CELL INCLUDING INORGANIC OXIDE ELECTRON TRANSPORT MATERIAL DEPOSITED ON PEROVSKITE ABSORBER LAYER	4327/MUM/2015	Jointly with Industry	National	Application Published	300000.00	0.00	300000.00
2016-17	FOUR-STEP THERMAL AGING METHOD FOR IMPROVING ENVIRONMENTALLY ASSISTED CRACKING RESISTANCE OF 7XXX SERIES ALUMINIUM ALLOYS	201621026704	Jointly with Industry	National	Application Published	316365.00	632730.00	949095.00
2016-17	Methods and systems for controlling a SDN based multi RAT communication network	201721008015	Student and Faculty	National	Provisional/Complete Specification	0.00	200000.00	200000.00
2016-17	Non-uniform intensity mapping using high performance enterprise computing system	15/090107	Student and Faculty	International	Patent Granted	500000.00	106823.00	606823.00

Intellectual Properties Filed

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

2016-17	AN APPARATUS AND A METHOD FOR IN-VIVO POWER GENERATION	15/178088	Student and Faculty	International	Patent Granted	500000.00	0.00	500000.00
2016-17	HIGHLY ELASTIC POLYMER SUBSTRATES WITH MECHANICAL GRADIENT FOR STRETCHABLE ELECTRONIC APPLICATIONS	201621011548	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	PROCESS FOR THE SYNTHESIS OF MULTI-FLUORESCENT CARBON NANOSTRUCTURES	201621011794	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	A DUMBBELL MICROCHANNEL HEAT SINK OF A LIQUID COOLING SYSTEM FOR AN ELECTRONIC DEVICE	201621012046	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Method of Making Silicon nano powder from Sand in short time and its application towards lithium ion battery	201621012185	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A TOOTH EXTRACTION DEVICE	201621012390	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2016-17	AN INTEGRATED SESQUIPOLAR ELECTROCAUTERY DEVICE	201621012392	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2016-17	A DEVICE TO DETECT TRACHEOSTOMY TUBE BLOCKAGE	201621012391	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2016-17	MICRODEVICE FOR SEPARATING PLASMA FROM HUMAN BLOOD	201621012710	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	PORTABLE-MINIATURE CALIFORNIA BEARING RATIO (CBR) APPARATUS AND METHOD OF USING THE SAME THEREOF.	201621013680	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	AN ARSENIC MONOLAYER DOPED SILICON SEMICONDUCTOR DEVICE AND A METHOD OF FABRICATING THE SAME	201621014169	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	AN INTEGRATED BITE BLOCK DEVICE	201621014207	Student and Faculty	National	Application Published	0.00	250000.00	250000.00
2016-17	OMNIDIRECTIONAL TUNGSTEN INERT GAS CLADDING	201621014529	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2016-17	PROCESS FOR THE BIOCATALYTIC SYNTHESIS OF OPTICALLY ACTIVE AROMATIC AMINES	201621014963	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Microwave assisted synthesis of Graphene, Graphene Oxide, blends and coatings	20162104972	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	METHOD OF POWER COMPARISON IN ADAPTIVE EQUALIZERS WITH REDUCED AREA AND POWER	201621016639	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	A FLUID POWER HARNESSER	201621017207	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	METHOD FOR QUANTIFYING UNCERTAINTY IN A SYSTEM	201621017838	Student	National	Application Published	300000.00	0.00	300000.00
2016-17	PROTEIN-GOLD NANOHYBRIDS AND A PROCESS FOR ITS SYNTHESIS	201621018272	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	CAPACITIVE BASED HUMIDITY AND SOIL MOISTURE MICRO-SENSOR USING GRAPHENE OXIDE	201621019123	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	AN ANNULAR PHOTOBIOREACTOR FOR INDOOR AND OUTDOOR APPLICATIONS	201621019586	Student and Faculty	National	Provisional/Complete Specification	250000.00	0.00	250000.00
2016-17	NEAR-ISOTHERMAL RECIPROCATING GAS-VAPOUR - TWO PHASE MIXTURE COMPRESSOR	201621019860	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	ZEIN-GOLD NANOSHELLS AND APPLICATIONS THEREOF	201621019949	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	CLOSE LOOP HELICAL COILED PULSATING HEAT PIPE FOR COOLING APPLICATIONS	201621019958	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	DARK COLORED COOL ROOF COATINGS	201621022031	Student and Faculty	National	Application under Examination	400000.00	0.00	400000.00
2016-17	PROCESS FOR PREPARING DARK COLORED COOL ROOF COATINGS FOR STEEL SUBSTRATE	201621022102	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2016-17	INTEGRATED DECISION SUPPORT SYSTEM AND METHOD FOR DERIVING INFERENCES FROM DATA SETS	201621022150	Student	National	Application Published	300000.00	0.00	300000.00
2016-17	A METHOD FOR SYNTHESIS OF 6-DEOXY-L-HEXOSES FROM L-RHAMNOSE	201621022370	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	BIOARTIFICIAL PANCREAS	201623023433	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Annular regenerator for cyclic flow systems	201621024008	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	COMPOSITE POLYMERIC NANOFORMULATION	201621024204	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	METHOD AND APPARATUS FOR AUTO-TAGGING AND CONDUCTING ONLINE SELECTION TEST	201621025126	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	METHOD FOR AMPLIFYING NUCLEIC ACID FROM A TARGET	201621026481	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	POINT OF CARE SICKLE CELL TEST	201621026630	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Full Cell for lithium ion battery with conversion anode and intercalation cathode	201621027395	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	A phosphorus monolayer doped silicon semiconductor device and a method of fabricating the same	201621027722	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	HIGHER ORDER MODE SUPPRESSION IN SINGLE AND DUAL BAND MICROSTRIP ANTENNAS	201621027927	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	Curcumin nanoemulsion	201621028126	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	METHOD AND SYSTEM FOR DETERMINING GAS CONDUCTIVITY OF SOILS (GASCOM)	201621028073	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	IN-SITU STRESS RELIEVING PROCESS FOR ADDITIVE MANUFACTURING	201621028306	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	AN INTEGRATED MULTIFUNCTIONAL TABLE	201621028864	Student and Faculty	National	Application Published	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2016-17	METHOD AND PARTIAL DISCHARGE MEASUREMENT SYSTEM FOR EXAMINING PARTIAL DISCHARGE CHARACTERISTICS OF OBJECT	201621029072	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	A DIGITAL STETHOSCOPE	201621029618	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2016-17	TEMPLATE FOR REMOTE META-C-H FUNCTIONALIZATION	201621029854	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Robust imputation for sensor signals with reduced errors	201621030751	Student and Faculty	National	Provisional/Complete Specification	300000.00	106823.00	406823.00
2016-17	Expansive soil stabilization with reinforced fly ash columns	201621031243	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	ORGANIC THIN FILM TRANSISTOR (OTFT) FABRICATION AND METHOD THEREOF TO DETECT CYANIDE ION	201621032197	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	Portable ROV for Tactical Missions	201621032673	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	PROCESS FOR THE SYNTHESIS OF MONOLAYER CORE-SHELL CATALYST	201621032929	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Low power, off-chip inductorless MICS band receiver	201621033870	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	METHOD AND APPARATUS FOR HIGH-SPEED PRECISION MOTION WITH RESONANT DISPLACEMENT AMPLIFICATION	201621034174	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	ANTIMICROBIAL COMPOSITE MATERIAL FOR TREATING FLUIDS	201621035551	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	METHOD FOR PREPARATION OF MULTIMODAL SENSOR	201621035640	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	Smart Microwave (MW) Application for Rapid Drying of Button Mushroom (Agaricus Bisporus)	201621035740	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	SINGLE STEP FABRICATION OF POROUS ELASTOMER FOR HIGH SENSITIVITY PRESSURE SENSOR	201621035580	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00

Intellectual Properties Filed

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

2016-17	LIGHTWEIGHTING OF ENGINE COMPONENTS	201621036366	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Industry friendly IPA-free texturing process using texturing additive for monocrystalline silicon wafer	201621039056	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A HANDHELD PULSE OXIMETER SYSTEM	201621040873	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	ONE POT PROCESS FOR SYNTHESIZING FUNCTIONALIZED QUINOLINES VIA METAL-FREE, OXONIUM ION DRIVEN CARBOAMINATION OF Alkynes	201621041730	Student and Faculty	National	Application under Examination	200000.00	0.00	200000.00
2016-17	NETWORK ANALYZER TO MEASURE S-PARAMETER MAGNITUDES OF VARIOUS DEVICES AT UHF, L AND S BAND	201621042495	Student and Faculty	National	Application Published	300000.00	0.00	300000.00
2016-17	FABRICATION OF METAL NANOPARTICLE AGGREGATES AS SERS SUBSTRATE FOR MULTI-PHASIC DETECTION OF ANALYTES	201621042432	Student and Faculty	National	Application Published	400000.00	0.00	400000.00
2016-17	Coated bio-implants with osseointegration promoting property	201721000148	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	ANTICANCER PROPERTY STUDIES OF CHIRAL PALLADIUM N-HETEROCYCLIC CARBENE COMPLEXES AND PROCESS FOR PREPARATION THEREOF	201721000741	Student and Faculty	National	Application Published	200000.00	0.00	200000.00
2016-17	High Performance Fringe Field Graphene Field Effect transistor	201721001338	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A method for Accelerating removal of polymer component(s) in a powder - polymer mixture	201721001516	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A Unified AC-DC Microgrid Architecture for Distribution of AC and DC Power on the Same Line	201721001886	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A Method for Reliable Power Swing Detection	201721002019	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00

Intellectual Properties Filed

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

2016-17	Development of a topically applicable phytosomal nanaoformulation containing Cissus quadrangularis extract for bone healing applications	201721002500	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Method of fabricating electrical energy storage device by stitching and weaving	201721003344	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	An innovative approach to fabricate and characterize large-area reusable broadband single-crystalline gold substrates for surface enhanced Raman spectroscopy	201721004467	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	Rear structured solar cells with carrier selective contacts for better efficiency and low cost solution in photovoltaics	201721004570	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	Plate type volumetric cavity receiver for solar concentrators.	201721005417	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	METHODS TO PRODUCE MULTIPLE NOISE CANCELLATION IN AN COMMON GATE - COMMON SOURCE LNA CIRCUIT	201721005711	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	A Thermally Stable Tire Sealant	201721008259	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2016-17	A PROCESS AND SYSTEM FOR RECOVERING SOLVENT - MOISTURE	201721008251	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Evaluation of Autoantibody Signatures In Meningiomas Using Huprot Arrays	201721009394	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	A Novel PET based Piezoresistive MEMS Sensor Platform for sensing in liquid phase and vapour phase	201721009681	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	Electron Rich Cyano Compounds As Directing Template For Meta-Selective Carbon Hydrogen Bond Functionalization, Their Use And Process For Preparation Thereof	201721010400	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Controlling material birefringence in sapphire using direct laser writing	201721010869	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2016-17	ON CHIP DELAY MEASUREMENT CIRCUIT	201721010982	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2016-17	A SYSTEM FOR ASSISTING PARALYZED AND BLIND PEOPLE	201721011429	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Non-volatile and electrically rewritable Group III-V Schottky memory device and method of fabricating the same	201721011530	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	ANTI-GLARE, HYDROPHOBIC, SCRATCH RESISTANT AND ANTI-FOG COATING	201721011814	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2016-17	Non-uniform intensity mapping using high performance enterprise computing system	15/090-107	Student and Faculty	International	Patent Granted	500000.00	0.00	500000.00
2016-17	Method of preparing silicon from sand	15/171226	Student and Faculty	International	Patent Granted	400000.00	0.00	400000.00
2016-17	Dynamic range compression with low distortion for use in hearing aids and audio systems	15/113-271	Student and Faculty	International	Application Published	500000.00	0.00	500000.00
2016-17	Method and system for consonant-vowel ratio modification for improving speech perception	15/121-599	Student and Faculty	International	Application Published	500000.00	0.00	500000.00
2016-17	Implantable cardio-vascular flow streamliner	15235442	Student and Faculty	International	Application Published	400000.00	0.00	400000.00
2016-17	Method and system for suppressing noise in speech signals in hearing aids and speech communication devices	15/303-435	Student and Faculty	International	Patent Granted	500000.00	0.00	500000.00
2016-17	Targeted polymeric nano-complexes as drug delivery system	15/276-810	Student and Faculty	International	Application Published	0.00	0.00	0.00
2016-17	Hybrid Multilevel Inverter	15/354-027	Student and Faculty	International	Patent Granted	400000.00	0.00	400000.00
2016-17	A SURGICAL INSTRUMENT WITH MULTIPLE DEGREES OF FREEDOM	PCT/IN2016/000093	Student and Faculty	International	Application Published	0.00	250000.00	250000.00
2016-17	Method For Frictionless Precision Guidance	PCT/IN2016/000110	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Controlled spontaneous three dimensional fabrication of micro-meso structures	PCT/IN2016/000111	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Microdevice for separating plasma from human blood	PCT/IN2016/000166	Student and Faculty	International	Application Published	250000.00	0.00	250000.00

Intellectual Properties Filed

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

2016-17	Enhanced photostability, extended range uva filtering and camouflaging potential of avobenzene-defect rich zno nanocrystals complex	PCT/IN2016/000198	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Underground communication system	PCT/IN2016/050274	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Solar module with selective colored coating	PCT/IN2016/050275	Student	International	Application Published	250000.00	0.00	250000.00
2016-17	Method and apparatus for forming silicon doped gallium nitride (gan) films by a co-sputtering technique	PCT/IN2016/050428	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Degradable or transformable gold coated liposomal nano-construct and a process for its preparation	PCT/IN2016/000296	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Method and system for rendering audio streams	PCT/IN2016/050462	Student	International	Application Published	250000.00	0.00	250000.00
2016-17	Orally administrable pharmaceutical preparation containing protein	PCT/IN2017/000041	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2016-17	Drug Delivery System	PCT/IN2017/000049	Student and Faculty	International	Provisional/Complete Specification	250000.00	0.00	250000.00
2017-18	Liposome-in-gel composition as as injectable drug depot for delivery of radiosensitizers	201721012015	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	PROTEIN BIOMARKERS FOR GLIOMAS	201721012423	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	GQD and GOQD preparation	201721012429	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	High flux nanocomposite hollow fiber membranes for hemodialysis and a process for making the same	201721012546	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Coated hollow fiber membrane (HFM) material as a substrate for enhanced liver cell attachment and a process for manufacturing the same	201721012545	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Biocompatible polymer-based nanocomposite hollow fiber membranes for simultaneous-sequential cell culture and filtration and a process for manufacturing the same	201721012547	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2017-18	Efficient Flow passage design for hydrokinetic turbine	201721012782	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	High EMI Immune Trans conductance- Capacitance low pass filter	201721013089	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	StabMd A Methodology to Stabilize Marine-deposits with Industrial Byproducts	201721013786	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	In-vitro graphene quantum dot photodynamic therapy using UV irradiation with microwatt power	201721014137	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Development of DetecTEA, a low cost easy to use instrument for Quick Validation of Geographical Indication, Darjeeling Tea	201721014138	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	COMPOSITE MOUNTING TRAY FOR AVIONICS EQUIPMENTS	201721014294	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	AMYLOID MEDIATED CELL LINE TRANSFORMATION	201721014784	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2017-18	Low Voltage Photovoltaic Power Integration Using Unified AC DC Approach	201721015209	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Functionalization dependent cellular detection through AC impedimetric approach using graphene oxide	201721015654	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A Novel Concept To Enhance Capacity Of Fly Ash Dykes And Tailings Dams	201721016098	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Red luminescent graphene quantum dots, synthesis and applications thereof	201721016198	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	An applicator for a menstrual cup	201721016822	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Cyclodextrin functionalized inorganic nanostructures synthesis and applications thereof	201721016954	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Coated root form endosseous dental implant having proprioception inducing properties	201721017183	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Methods and systems for providing standalone LTE based communication networks	201721017349	Student and Faculty	National	Provisional/Complete Specification	0.00	200000.00	200000.00

Intellectual Properties Filed

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

2017-18	A highly available network architecture for a LTE based communication network	201721017966	Student and Faculty	National	Provisional/Complete Specification	0.00	200000.00	200000.00
2017-18	Methods and systems for managing relays in LTE based communication networks	201721017967	Student and Faculty	National	Provisional/Complete Specification	0.00	200000.00	200000.00
2017-18	HEMOSEALANT COMPOSITION AND PROCESS FOR PREPARATION THEREOF	201721018417	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	HOST BIOMARKERS TO ASSESS PROGRESSION FROM DF TO DHF AND METHODS THEREOF	201721018611	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	BULLET PROOF JACKET	201721019706	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Wearable Trans-epi-dermal-dermal Drug Delivery and Diagnostic Gadget Based on Microneedles	201721020761	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A novel multipurpose Spatial Parallelogram Kinematic Linkage	201721020997	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Methotrexate loaded gellan gum microparticles synthesis and application thereof	201721025703	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	A method and a device for reclaiming green waste foundry sand	201721023693	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	The process for synthesis of protein derived branched gold nanostructures	201721024704	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2017-18	A Composite Comprising Of Doxorubicin-Alginate Conjugate And Non-Steroidal Anti-Inflammatory Agent And Process For Preparation Thereof	201721025996	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	LEAKY INTEGRATE and FIRE (LIF) NEURON BASED ON FLOATING BODY EFFECT	201721027169	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Pyrimidine-Based Template for meta-C-H Cyanation of Arenes	201721027324	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A DATA LOGGER SYSTEM	201721027804	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00

Intellectual Properties Filed

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

2017-18	A bipolar magnetic connector for establishing electric contacts between two modules with orientation capabilities and distance compensation.	201721027799	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	Method of fabricating non-volatile memory device	201721028302	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Method and materials for efficient and rapid deionization of water	201721028189	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Protein Nanoparticles Crosslinked With Natural Aldehyde, Process For Preparation And Applications Thereof	201721028321	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Compact Modular Rotating Disk Based Mass Exchanger	201721029712	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Alloy, Bi and tri metallic nanoparticles for Photothermal therapy	201721029703	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Flexible Power Electronic Converters for Producing AC superimposed DC (ACsDC) Voltage	201621033871	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	DUAL THERAPEUTIC DISINTEGRABLE GNR-LIPOSOME NANOHYBRID FOR PLASMONIC PHOTOTHERMAL CANCER THERAGNOSTIC	201721029874	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	GasCon-TP A Device for Determining Gas Conductivity of Soils under varied Temperature and Pressure Condition	201721031020	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Large-scale Synthesis of Zinc oxide nanoleaves using strong shear force based mechanical dispersion assisted sonochemical method-A new technique to increase the efficiency of sonochemical synthesis.	201721031696	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Bi-directional Z-source DC breaker topologies with re-closing and re-breaking capabilities	201721033211	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Synthesis of heterocycles via 2 2 2 cyclotrimerization using propargyl halides and propargyl alcohols	201721034066	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	One Time Programmable Memory for Encryption and Reconfigurable Circuits	201621031483	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00

Intellectual Properties Filed

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

2017-18	Wave Type Winding	201721035017	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Novel PWM Scheme and Inverter Structures to Realize Multiple Times Higher Virtual Switching Frequency	201621036096	Student and Faculty	National	Provisional/Complete Specification	3000000.00	0.00	3000000.00
2017-18	3D-Printing of scaffold constructs for patient-specific regenerative medicine and in vitro disease models	201721037191	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A MECHANICAL CRANKING FILTER-INTEGRATED WATER BOTTLE	201721038772	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	METHOD FOR PREPARING GRAPHENE QUANTUM DOTS (GQDS) AND USES THEREOF	201721038918	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2017-18	Collapsible Roof for Light Vehicles	201721038852	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Plasma assisted defect passivation of ultra-thin titanium dioxide films on silicon	201721041280	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	DOWNDRAFT GASIFICATION ASSEMBLY FOR HIGH ASH BIOMASS FEEDSTOCK	201721043223	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	The process of synthesis of ultra-small iron oxide nanoparticles and metal non-metal doped ultra-small iron oxide nanoparticles for MR Imaging	201721042818	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	BIOMIMETIC NANOCOMPOSITE HYDROGELS AND PROCESS FOR SYNTHESIZING	201721043978	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Nanoemulsion and nanoemulsion patches for transdermal delivery	201721044997	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Voice-prosthesis with detachable and reusable valve assembly	201721044635	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A Substrate For Entrapment And Detection Of Bacteria, Process for Its Preparation And A Point of Care	201721046073	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2017-18	Nanocomposite Hollow Fiber Membranes, Process of Making Same, and Applctaions thereof	201721046576	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Biodegradable Chitosan-Based Hydrogel And Preparation Method And Application Thereof	201721046354	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	MOLECULARLY MODIFIED SCHOTTKY BARRIER DIODE	201711041322	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	An additive-free industrial texturing process for diamond wire cut (DWC) multicrystalline Silicon wafers	201721022615	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Laparoscopic surgical instrument with interchangeable modular heads	201721047053	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	Bicompression screw for orthopaedic fixation	201721024229	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	A device to trace the outline and cut heart valve cusp shapes	201721024231	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	Multi-functional, CMOS compatible Nano-Electro-Mechanical switch for System-on-Chip (SoC) applications	201721001779	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Rapid and Bulk Synthesis of Tin Mono Sulphide and Its Application to Lithium-ion Batteries Anode	201821000200	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Thermal Management of Building using Encapsulated Phase Change Material based Heat Exchanger	201821001477	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Phosphorus Pentoxide as an efficient coupling reagent for amide and peptide bond formation.	201821001972	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	TRIPLE ACTION Concoction for the postoperative management	201821001921	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Self-homodyne carrier multiplexed transmission system for coherent optical links	201821002887	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	A method to identify potential locations of failure in drawn sheet metal components	201821003820	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00

Intellectual Properties Filed

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

2017-18	Surface mount device inductor (SMDL) as the radiating element in MedRadio band OOK transmitters for wearable and implantable medical devices	201821003907	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	SDN controlled Overlay Network for Mission Critical Communication	201821004104	Student and Faculty	National	Provisional/Complete Specification	0.00	200000.00	200000.00
2017-18	Metal-interfacial semiconductor with enhanced thermal stability	201821003281	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	A 3-D graphene hydrogel and process of manufacturing the same	201821001920	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Biosensors for detecting organic pollutants and Process for producing the same	201821003722	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	BIOMIMETIC THREE-DIMENSIONAL HYBRID SCAFFOLD FOR BONE REGENERATION	201821005456	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Murine and Humanized anti CD19 CARs for treatment of cancer,compositions and method for generating the same	201821005458	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	METHOD FOR GENERATING ANTI-CD19 CARs AND COMPOSITIONS FOR TREATMENT OF CD19 CANCERS USING ANTI CD19 CARs	201821005457	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Switched Modular Multilevel Converter	201821005628	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Development of Superior 2nd Generation Template for Directed para-Selective Functionalizations	201821005972	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Electromagnetic braking and levitating system for metal pieces	201821006281	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Light Dependent Resistor based angular Daylight distribution measurement device	201821007607	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Methods and apparatus for reduction of motion artifact and noise in ECG signal	201821007553	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	FPGA based IoT Systems	201821007807	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00

Intellectual Properties Filed

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

2017-18	Optimization of Bi-directional Z source breaker with coupled inductor with reclosing and rebreaking capabilities	201821008061	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Novel Toroidal Winding and Rotated Rotor Bar for Efficiency Improvement of a Line-Start Induction Motor	201821010167	Student and Faculty	National	Provisional/Complete Specification	3000000.00	0.00	3000000.00
2017-18	SEMI-MODULAR SUBMERSIBLE BRUSHLESS DC MOTOR	201821010872	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2017-18	Process For Potentization Of Homoeopathic Medicines	201811011436	Student and Faculty	National	Provisional/Complete Specification	400000.00	0.00	400000.00
2017-18	Innovative 26 inches Folding Bicycle	201821011524	Student and Faculty	National	Provisional/Complete Specification	200000.00	0.00	200000.00
2017-18	Method of generating controllably biased random number by OTP devices	201821010427	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Portable Diabetic Foot Screening Device	201821005692	Student and Faculty	National	Provisional/Complete Specification	250000.00	0.00	250000.00
2017-18	Wireless ECG patch for accurate placement	201821004358	Student and Faculty	National	Provisional/Complete Specification	0.00	250000.00	250000.00
2017-18	Hybrid modular multilevel converters with increased power handling capability	201821011623	Student and Faculty	National	Provisional/Complete Specification	300000.00	0.00	300000.00
2017-18	Apparatus for generating ac superimposed dc signal	15/701-738	Student and Faculty	International	Application Published	500000.00	0.00	500000.00
2017-18	Method for quantifying uncertainty in a system	PCT/IN2017/050197	Student	International	Application Published	500000.00	0.00	500000.00
2017-18	A method for synthesis of 6-deoxy-l-hexoses from l-rhamnose	PCT/IN2017/05026	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2017-18	Full cell for lithium ion battery with conversion anode and intercalation cathode	PCT/IN2017/050335	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2017-18	A connector configured to allow acoustic transmission or digital transmission for a stethoscope	PCT/IN2017/050558	Student and Faculty	International	Application Published	0.00	250000.00	250000.00
2017-18	Network analyzer for measuring s-parameters of rf device	PCT/IN2017/05057	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2017-18	Hand-based blood pressure measurement system, apparatus and method	PCT/IN2017/050325	Student and Faculty	International	Application Published	250000.00	0.00	250000.00

Intellectual Properties Filed

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

2017-18	Pulse detection, measurement and analysis based health management system, method and apparatus	PCT/IN2017/050587	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2017-18	Nano-engineered bioresorbable polymer composite for bone-soft tissue fixation application	PCT/IN2017/000079	Student and Faculty	International	Application Published	250000.00	0.00	250000.00
2017-18	Image-based CAPTCHAs using 3D models	15/937-865	Student and Faculty	International	Application under Examination	500000.00	0.00	500000.00
2017-18	A thermally stable tire sealant	PCT/IB2018/051512	Student and Faculty	International	Application under Examination	250000.00	0.00	250000.00
2017-18	Methods and systems for controlling a SDN-based multi-RAT communication network	15/582145	Student and Faculty	International	Application Published	0.00	387506.00	387506.00
2017-18	Highly available network architecture for a LTE based communication network15 643,269	15/643269	Student and Faculty	International	Application Published	0.00	242755.00	242755.00
2017-18	Methods and systems for managing relays in LTE based communication networks	15/643548	Student and Faculty	International	Patent Granted	0.00	416786.00	416786.00
2017-18	Methods and systems for providing standalone LTE based communication networks	15/636033	Student and Faculty	International	Application Published	0.00	310144.00	310144.00
2017-18	Method for imputing missed data in sensor data sequence with missing data	15/698911	Jointly with Industry	International	Application Published	500000.00	106823.00	606823.00
2017-18	Surgical instruments with multiple degrees of freedom and methods of using the same	15/727622	Student and Faculty	International	Application Published	309317.00	0.00	309317.00
2017-18	Systems and methods for obtaining 3-d images from x-ray information	15/655863	Student	International	Application Published	314309.00	314309.00	628618.00
2017-18	Laser based tyre mold vent cleaning process and device	15/489188	Jointly with Industry	International	Application Published	200000.00	400000.00	600000.00
2017-18	Integrated decision support system and method for deriving inferences from data sets	PCT/IN2017/050258	Student	International	Application Published	210000.00	0.00	210000.00
2017-18	Sdn controlled overlay network	15/926796	Student and Faculty	International	Application Published	126248.00	0.00	126248.00

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	A Novel dry method of surface modification of SU8 for immobilization of bio molecules using hotwire induced pyrolytic process	213504	National	2008	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	171600.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	NanosniffTechnologies 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	171600.00	Total Revenue Generated (As of 31st March 2018)	0.00
2015-16	Method and system for a multiport modular grid tied PV solar inverter	1603/MUM/2013	National	2013	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	173682.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Integra Power LLC	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	173682.00	Total Revenue Generated (As of 31st March 2018)	0.00
2015-16	Method and system for a low cost bidirectional grid tied photovoltaic microinverter	1597/MUM/2013	National	2013	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	136070.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Integra Power LLC	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	136070.00	Total Revenue Generated (As of 31st March 2018)	0.00
2015-16	A Method and an optomechanical scanner for three dimensional focused laser beam spot scanning	1847/MUM/2007	National	2007	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	154250.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Aha 3D Innovations 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	154250.00	Total Revenue Generated (As of 31st March 2018)	0.00

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	A portable system and method for 3dimensional surgery planning using conventional 2 dimensional Xray images	199/MUM/2015	National	2015	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	121603.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Algosurg Products 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	121603.00	Total Revenue Generated (As of 31st March 2018)	0.00
2015-16	Vestibulator	4673/MUM/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	68500.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Transpact Enterprises 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	68500.00	Total Revenue Generated (As of 31st March 2018)	0.00
2015-16	Tube tube Heat exchanger	205362	National	2007	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	219200.00	Patent Licensing and Royalty	323249.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Promethean Energy 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	219200.00	Total Revenue Generated (As of 31st March 2018)	323249.00
2015-16	A Surgical instrument with multiple degrees of Freedom	1463/MUM/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	122317.00	Patent Licensing and Royalty	1145000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Eclipse Instrumentation 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	122317.00	Total Revenue Generated (As of 31st March 2018)	1145000.00

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	Method For Frictionless Precision Guidance	4607/Mum/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	109000.00	Patent Licensing and Royalty	114500.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Strategi Automation 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	109000.00	Total Revenue Generated (As of 31st March 2018)	114500.00
2016-17	Wind Augmentation and Air purifying unit	4369/Mum/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	105280.00	Patent Licensing and Royalty	287500.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	ESS Environment Consultants 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	105280.00	Total Revenue Generated (As of 31st March 2018)	287500.00
2016-17	A portable Microscope	4743/Mum/2015	National	2015	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	110048.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Medprime technologies 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	110048.00	Total Revenue Generated (As of 31st March 2018)	0.00
2016-17	Carbon based membrane used for desalination in water dye degradation and solar concentrator	1219/MUM/2015	National	2015	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	114616.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Aqueous 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	114616.00	Total Revenue Generated (As of 31st March 2018)	0.00

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	Identification of a power source in a multiple power source scenario and characterization of loads	20160103164	International	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	497929.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Panchsheel Research 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	497929.00	Total Revenue Generated (As of 31st March 2018)	0.00
2016-17	Identification of a power source in a multiple power source scenario and characterization of loads	3282/MUM/2014	National	2014	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	145504.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Panchsheel Research 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	145504.00	Total Revenue Generated (As of 31st March 2018)	0.00
2016-17	An Improved Process for Water Treatment to Remove Arsenic Iron and Phosphate by Zero Valent Iron and a Reactor therefor	264481	National	2014	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	89792.00	Patent Licensing and Royalty	57000.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Ecologique Science Technik (I) 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	89792.00	Total Revenue Generated (As of 31st March 2018)	57000.00
2016-17	Omnipresent Ethernet Router	2050/MUM/2011	National	2011	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	75366.00	Patent Licensing and Royalty	332357.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	MTNL	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	75366.00	Total Revenue Generated (As of 31st March 2018)	332357.00

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	Single layer microfluidic device for three dimensional hydrodynamic focusing of a sample fluid using a sheath fluid and method of fabricating the same	96/MUM/2015	National	2015	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	152000.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Embryo Bio microdevices 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	152000.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Intellectual Property Management System and Tool	1118/MUM/2015	National	2015	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	80680.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Gargate Intellectual Property 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	80680.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Pulse Detector Measure and Analyser based health Management system	PCT/IN2017/050587	International	2016	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	217802.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Acuradyne Medical Systems 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	217802.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Apparatus for measuring moisture content in a medium	3418/MUM/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	99260.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Proximal Soilsens Technologies 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	99260.00	Total Revenue Generated (As of 31st March 2018)	0.00

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	An apparatus for sensing data	3054/MUM/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	99260.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Proximal Soilsens Technologies 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	99260.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Apparatus and method for measuring moisture content in medium using Time Domain Reflectometry (TDR)	3419/MUM/2015	National	2015	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	104060.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Proximal Soilsens Technologies 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	104060.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Digital Stethoscope	201621029618	National	2016	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	173850.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Ayu Devices 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	173850.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	A mechanical cranking filter-integrated water bottle	201721038772	National	2017	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	52400.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Premsons	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	52400.00	Total Revenue Generated (As of 31st March 2018)	0.00

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	Solar air heater Solar air heater for organic waste composting machine	4209/MUM/2014	National	2014	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	117000.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	Lahs Eco Engineering	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	117000.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Electric vehicle	3728/MUM/2013	National	2013	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	81650.00	Patent Licensing and Royalty	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	ECOEV India 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	81650.00	Total Revenue Generated (As of 31st March 2018)	0.00
2017-18	Compact modular rotating disc based mass exchanger	201721029172	National	2014	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	0.00	Patent Licensing and Royalty	377600.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	FAM Technologies	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)	377600.00

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	DST	5	20000000.00	10000000.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche
2015-16	Government	DST	1	5180000.00	5180000.00	Training and Capacity Development on Innovation/Startup, Other	Swiss
2015-16	Government	DST	1	5349904.00	5349904.00	Other	IRBI
2015-16	Industry / CSR	Citius Tech	1	4000000.00	4000000.00	Seed Fund / Investment Support to Innovation/Startups	---
2015-16	Industry / CSR	Ansys	1	500000.00	500000.00	Seed Fund / Investment Support to Innovation/Startups	---

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

2015-16	Industry / CSR	Innoven	1	500000.00	500000.00	Seed Fund / Investment Support to Innovation/Startups	---
2015-16	Industry / CSR	Desai Sethi Foundation	5	10000000.00	60000000.00	Training and Capacity Development on Innovation/Startup	---
2015-16	Government	MHRD	1	1000000.00	0.00	Training and Capacity Development on Innovation/Startup	---
2016-17	Government	DIPP	1	600000.00	0.00	Training and Capacity Development on Innovation/Startup	---
2016-17	Industry / CSR	Desai Sethi Foundation	5	10000000.00	60000000.00	Training and Capacity Development on Innovation/Startup	---
2016-17	Government	DST	0	0.00	9103431.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche
2016-17	Government	DST	1	6000000.00	6000000.00	Training and Capacity Development on Innovation/Startup, Other	Swiss
2016-17	Government	DST	1	18600000.00	18600000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Seed Fund / Investment Support to Innovation/Startups, Other	PRAYAS
2016-17	Government	DST	1	3960000.00	3960000.00	Pre-Incubation & Incubation Activities in Campus, Other	NIDHI
2016-17	Government	DST	5	430000000.00	185800000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	NIDHI
2016-17	Government	MeitY	1	30500000.00	3480000.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche
2016-17	Government	BIRAC	3	45000000.00	15000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	Tranche
2016-17	Government	DST	1	127160000.00	127160000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Seed Fund / Investment Support to Innovation/Startups, Other	PRAYAS
2016-17	Government	DST	1	18750000.00	17500000.00	Training and Capacity Development on Innovation/Startup, Seed Fund / Investment Support to Innovation/Startups, Other	cycle 1
2016-17	Industry / CSR	Intel	1	12500000.00	10500000.00	Training and Capacity Development on Innovation/Startup, Seed Fund / Investment Support to Innovation/Startups, Other	cycle

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	Industry / CSR	Citius Tech	1	5000000.00	5000000.00	Seed Fund / Investment Support to Innovation/Startups	---
2016-17	Government	SIDBI	1	1500000.00	1500000.00	Seed Fund / Investment Support to Innovation/Startups	---
2016-17	Industry / CSR	SAP	1	6160000.00	6160000.00	Seed Fund / Investment Support to Innovation/Startups, Other	Scube
2016-17	Government	DST	1	8652000.00	8000000.00	Training and Capacity Development on Innovation/Startup, Other	Swiss
2016-17	Non-Government	VIDYA ASHOK JOSHI	1	300000.00	300000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	NARAYAN PISHAROTY	1	20000.00	20000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	ANITA JOGLEKAR	1	200000.00	200000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	ROHIN KHERA	1	500000.00	500000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	HARIHARAN SUNDARESH	1	250001.00	250001.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	AJIT RODRIGUES	1	100000.00	100000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	KAMLESH KHANNA	1	400000.00	400000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	ANIL DHAWAN	1	500000.00	500000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	ARJUN KRISHNA AIER	1	124000.00	124000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	A L NARASIMHAN	1	200000.00	200000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	NARAYAN PISHAROTY	1	20000.00	20000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker

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	Non-Government	PRAKASH HEBALKAR	1	50000.00	50000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	AJAY BAIJAL	1	100000.00	100000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	G KRISHNAWAMY	1	50000.00	50000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	DEVAPRAKASH SATHYANARAYANAN	1	100000.00	100000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	DEVAPRAKASH SATHYANARAYANAN	1	50000.00	50000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	ASHOK DALVI	1	260454.00	260454.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	WISHWAS JWDEKAR	1	200000.00	200000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2016-17	Non-Government	JUDE NETTO	1	200000.00	200000.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2017-18	Non-Government	IIT BOMBAY ALUMNI ASSOCIATION	1	213262.00	213262.00	Training and Capacity Development on Innovation/Startup, Other	Tinker
2017-18	Government	BIRAC	0	0.00	11217000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	Tranche
2017-18	Government	BIRAC	1	10000000.00	5000000.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche
2017-18	Government	MeitY	0	0.00	24020000.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche
2017-18	Government	SICOM	1	20000000.00	20000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation	---
2017-18	Government	SICOM	1	5000000.00	5000000.00	Seed Fund / Investment Support to Innovation/Startups	---
2017-18	Government	Larsen and Toubro	1	1500000.00	1383800.00	Seed Fund / Investment Support to Innovation/Startups, Other	Tranche

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

2017-18	Industry / CSR	Desai Sethi Foundation	5	10000000.00	60000000.00	Training and Capacity Development on Innovation/Startup	---
2017-18	Industry / CSR	IDEAS	2	10000000.00	28300000.00	Pre-Incubation & Incubation Activities in Campus	---

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	6500000.00	6	6500000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	2000000.00	8	2000000.00
2015-16	High Net-worth Individuals (HNIs)	60000000.00	0	10000000.00
2016-17	High Net-worth Individuals (HNIs)	0.00	0	10000000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	10000000.00	5	1000000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	13450000.00	16	13450000.00
2017-18	Institute / Incubator's Own Investment Fund, if any	12600000.00	8	8600000.00
2017-18	High Net-worth Individuals (HNIs)	0.00	0	10000000.00

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.)
2015-16	Inceptor Technologies Pvt. Ltd. (Innovision)	Student	Receiving Incubation	69783.00	3	397224.00	467007.00
2015-16	MedPrime Technologies Pvt.Ltd.	Student	Receiving Incubation	77955.00	3	0.00	77955.00
2015-16	Gururaya Solutions Pvt.Ltd. (M76 Analytics)	Alumni	Receiving Incubation	63000.00	4	0.00	63000.00
2015-16	Power Anser Labs Pvt. Ltd.	Faculty	Receiving Incubation	54425.00	4	0.00	54425.00
2015-16	CareNx Innovations Pvt.Ltd.	Student	Receiving Incubation	81659.00	3	0.00	81659.00
2015-16	Niwas Homefin Services Pvt.Ltd.(SMENiwas)	Alumni	Receiving Incubation	113602.00	2	0.00	113602.00
2015-16	Transpact Enterprises Pvt.Ltd.	Alumni	Receiving Incubation	12000.00	1	0.00	12000.00
2015-16	Tholoc Media Pvt.Ltd.(Thought(x))	Alumni	Graduated from Incubation	49010.00	3	0.00	49010.00
2015-16	Triangular Studios Pvt.Ltd. (Tantra Mitra)	Alumni	Graduated from Incubation	39437.00	4	0.00	39437.00
2015-16	Smart Stretcher (Porcupine)	Alumni	Graduated from Incubation	25000.00	0	0.00	25000.00
2015-16	Mapicle Technologies Pvt.Ltd.	Student	Graduated from Incubation	32550.00	3	0.00	32550.00

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

2015-16	Point of care diagnostic	Student	Graduated from Incubation	25000.00	0	0.00	25000.00
2015-16	Sweep Enviro Pvt. Ltd	Alumni	Graduated from Incubation	712689.00	3	0.00	712689.00
2015-16	Acuradyne Medical Systems Pvt.Ltd.	Faculty	Receiving Incubation	102000.00	0	0.00	102000.00
2015-16	Atomberg Technologies Pvt.Ltd.	Student	Graduated from Incubation	335700.00	3	900000.00	1235700.00
2015-16	Ideaforge Technologies Pvt. Ltd.	Student	Graduated from Incubation	0.00	4	6006761.00	6006761.00
2015-16	Ideaforge Technologies Pvt.Ltd.	Alumni	Graduated from Incubation	0.00	3	195636.00	195636.00
2015-16	Coin Mobile Technologies Pvt.Ltd.	Alumni	Graduated from Incubation	119370.00	4	0.00	119370.00
2015-16	Iken Solutions Pvt.Ltd.	Faculty	Graduated from Incubation	194947.00	5	0.00	194947.00
2015-16	Lucideus Tech Pvt. Ltd.	Team from Outside of the Institution	Graduated from Incubation	1600000.00	2	0.00	1600000.00
2015-16	Nanosniff Technologies Pvt.Ltd.	Faculty	Graduated from Incubation	527432.00	3	0.00	527432.00
2016-17	Nanosniff Technologies Pvt.Ltd.	Faculty	Graduated from Incubation	466155.00	0	2053846.00	2520001.00
2016-17	Ayu Devices Pvt. Ltd.	Alumni	Receiving Incubation	42076.00	3	0.00	42076.00
2016-17	Lucideus Tech Pvt. Ltd.	Team from Outside of the Institution	Graduated from Incubation	1342660.00	0	0.00	1342660.00
2016-17	Coin Mobile Technologies Pvt.Ltd.	Alumni	Graduated from Incubation	179292.00	0	667147.00	846439.00
2016-17	Atomberg Technologies Pvt.Ltd.	Student	Graduated from Incubation	1697626.00	0	1333400.00	3031026.00
2016-17	Acuradyne Medical Systems Pvt.Ltd.	Faculty	Receiving Incubation	102000.00	0	0.00	102000.00
2016-17	Tesla Innovations Pvt.Ltd.	Alumni	Receiving Incubation	741791.00	3	0.00	741791.00
2016-17	Emergy Enviro Pvt.Ltd.	Alumni	Receiving Incubation	454962.00	3	0.00	454962.00
2016-17	Wayusaka Innovations Pvt.Ltd.	Alumni	Receiving Incubation	10000.00	5	0.00	10000.00
2016-17	Point of care diagnostic	Student	Graduated from Incubation	60000.00	0	0.00	60000.00
2016-17	Metwiz Materials Pvt.Ltd.	Faculty	Receiving Incubation	28250.00	2	0.00	28250.00
2016-17	Vytal Healthtech Pvt.Ltd.	Alumni	Receiving Incubation	16250.00	2	0.00	16250.00
2016-17	WKA Technology Pvt.Ltd (Wylfiwyg)	Faculty	Receiving Incubation	45530.00	5	0.00	45530.00
2016-17	Mapicle Technologies Pvt.Ltd.	Student	Graduated from Incubation	111600.00	0	0.00	111600.00
2016-17	Algosurg Products Pvt.Ltd.	Student	Receiving Incubation	57167.00	3	0.00	57167.00
2016-17	Smart Stretcher (Porcupine)	Alumni	Graduated from Incubation	117167.00	0	0.00	117167.00
2016-17	Triangular Studios Pvt.Ltd. (Tantra Mitra)	Alumni	Graduated from Incubation	93587.00	0	0.00	93587.00
2016-17	Tholoc Media Pvt.Ltd.(Thought(x))	Alumni	Graduated from Incubation	52200.00	0	0.00	52200.00
2016-17	Transpact Enterprises Pvt.Ltd.	Alumni	Receiving Incubation	12000.00	0	0.00	12000.00

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

2016-17	Niwas Homefin Services Pvt.Ltd.(SMENiwas)	Alumni	Receiving Incubation	303634.00	0	0.00	303634.00
2016-17	CareNx Innovations Pvt.Ltd.	Student	Receiving Incubation	349746.00	0	0.00	349746.00
2016-17	Power Anser Labs Pvt. Ltd.	Faculty	Receiving Incubation	199750.00	0	0.00	199750.00
2016-17	Gururaya Solutions Pvt.Ltd. (M76 Analytics)	Alumni	Receiving Incubation	159134.00	0	0.00	159134.00
2016-17	MedPrime Technologies Pvt.Ltd.	Student	Receiving Incubation	197782.00	0	0.00	197782.00
2016-17	Inceptor Technologies Pvt. Ltd. (Innovision)	Student	Receiving Incubation	208199.00	0	0.00	208199.00
2017-18	Inceptor Technologies Pvt. Ltd. (Innovision)	Student	Receiving Incubation	378097.00	0	0.00	378097.00
2017-18	MedPrime Technologies Pvt.Ltd.	Student	Receiving Incubation	330627.00	0	0.00	330627.00
2017-18	Gururaya Solutions Pvt.Ltd. (M76 Analytics)	Alumni	Receiving Incubation	229500.00	0	0.00	229500.00
2017-18	Power Anser Labs Pvt. Ltd.	Faculty	Receiving Incubation	286200.00	0	0.00	286200.00
2017-18	CareNx Innovations Pvt.Ltd.	Student	Receiving Incubation	583212.00	0	0.00	583212.00
2017-18	Niwas Homefin Services Pvt.Ltd.(SMENiwas)	Alumni	Receiving Incubation	576450.00	0	0.00	576450.00
2017-18	Transpact Enterprises Pvt.Ltd.	Alumni	Receiving Incubation	12000.00	0	0.00	12000.00
2017-18	Smart Stretcher (Porcupine)	Alumni	Graduated from Incubation	60000.00	0	0.00	60000.00
2017-18	Algosurg Products Pvt.Ltd.	Student	Receiving Incubation	644833.00	0	0.00	644833.00
2017-18	WKA Technology Pvt.Ltd (Wylfiwyg)	Faculty	Receiving Incubation	113330.00	0	0.00	113330.00
2017-18	Vytal Healthtech Pvt.Ltd.	Alumni	Receiving Incubation	30000.00	0	0.00	30000.00
2017-18	Metwiz Materials Pvt.Ltd.	Faculty	Receiving Incubation	130000.00	0	0.00	130000.00
2017-18	Point of care diagnostic	Student	Graduated from Incubation	15000.00	0	0.00	15000.00
2017-18	Wayusaka Innovations Pvt.Ltd.	Alumni	Receiving Incubation	60000.00	0	0.00	60000.00
2017-18	H2E Power Systems Pvt.Ltd.	Alumni	Receiving Incubation	35583.00	2	0.00	35583.00
2017-18	BlueZeal Labs Pvt.Ltd.	Student	Receiving Incubation	115667.00	0	0.00	115667.00
2017-18	Epocare Pvt. Ltd.	Team from Outside of the Institution	Receiving Incubation	46210.00	2	0.00	46210.00
2017-18	EnDimension Technology Pvt. Ltd.(Medic.dl)	Student	Receiving Incubation	10136.00	3	0.00	10136.00
2017-18	Metflux Research Pvt. Ltd.	Faculty	Receiving Incubation	77500.00	3	0.00	77500.00
2017-18	FINEFFI Energy Solutions Private Limited	Alumni	Receiving Incubation	17500.00	2	0.00	17500.00
2017-18	Wecare/ngaige	Student	Receiving Incubation	111278.00	0	0.00	111278.00

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	Botsrule Pvt. Ltd.	Alumni	Receiving Incubation	62950.00	3	0.00	62950.00
2017-18	Emergy Enviro Pvt.Ltd.	Alumni	Receiving Incubation	103480.00	0	0.00	103480.00
2017-18	Allincall Research & Solutions Pvt.Ltd	Student	Receiving Incubation	138820.00	2	0.00	138820.00
2017-18	Tesla Innovations Pvt.Ltd.	Alumni	Receiving Incubation	1584804.00	0	0.00	1584804.00
2017-18	Acuradyne Medical Systems Pvt.Ltd.	Faculty	Receiving Incubation	276582.00	4	0.00	276582.00
2017-18	Ideaforge Technologies Pvt.Ltd.	Student	Graduated from Incubation	0.00	0	3326040.00	3326040.00
2017-18	Qawach Bio Pvt. Ltd.	Alumni	Receiving Incubation	100000.00	0	0.00	100000.00

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)

Bio-Design Centre, Other

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
Creating Biomedical Engineering and Technology (Incubation) Centre	medical and diagnostic devices	B. Ravi	b.ravi@iitb.ac.in
National Centre of Excellence in Technologies for Internal Security	internal security	Abhay Karandikar	karandi@ee.iitb.ac.in
Centre of Propulsion Technologies	gas turbines and other aero propulsion technologies	A. M. Pradeep	ampradeep@aero.iitb.ac.in
Centre for Computational Engineering and Science	computational mechanics and analysis of nuclear structures	Y.M. Desai	desai@civil.iitb.ac.in
National Centre for Photovoltaic Research and Education (NCPRE) Phase-II	Photovoltaics	B. G. Fernandes	bgf@ee.iitb.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)			
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
SINE labs	Broad spectrum technology	Poyni Bhatt	sine@sineitb.org

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)			
Incubation Centre, Research Park			
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
Society for Innovation and Entrepreneurship, IIT Bombay	Broad Spectrum including AI ML, Blockchain, Bio Medtech	Poyni Bhatt	sine@sineitb.org
IITB Resarch Park Foundation	Chemical, Biotechnology, Semiconductors, Infrastructure, IT and Telecom, Design, Energy, Aerospace,	Rajesh Zele	pic-iitbrp@iitb.ac.in

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)
2015-16	ASME Student Design Competition	THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS	National	Technology Development/Pre Incubation Phase	13
2015-16	Autonomous Underwater Vehicle, AUV- IITB	Association for Unmanned Vehicle Systems International Foundation and the Office of Naval Research	National	Technology Development/Pre Incubation Phase	35
2015-16	IIT Bombay Racing	Formula Student Institution of Mechanical Engineering	National	Technology Development/Pre Incubation Phase	72
2015-16	Intelligent Ground Vehicle Competition	RoboNation	National	Technology Development/Pre Incubation Phase	12
2015-16	Pratham	Non compition project	National	Technology Development/Pre Incubation Phase	19

Student Projects recognized at National / International Level

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

2015-16	Mahindra Rise Driver-less car	Mahindra Rise	National	Technology Development/Pre Incubation Phase	22
2016-17	ASME Student Design Competition	THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS	National	Technology Development/Pre Incubation Phase	29
2016-17	Autonomous Underwater Vehicle, AUV-IITB	Association for Unmanned Vehicle Systems International Foundation and the Office of Naval Research	National	Technology Development/Pre Incubation Phase	28
2016-17	IIT Bombay Racing	Formula Student Institution of Mechanical Engineers	National	Technology Development/Pre Incubation Phase	81
2016-17	Intelligent Ground Vehicle Competition	RoboNation	National	Technology Development/Pre Incubation Phase	12
2016-17	Solarise team shunya	Solar Decathlon is an international competition conducted by Department of Energy USA	National	Technology Development/Pre Incubation Phase	64
2017-18	Advitly, 2nd Student Satellite	Non compition project	National	Technology Development/Pre Incubation Phase	45
2017-18	Autonomous Underwater Vehicle, AUV-IITB	Association for Unmanned Vehicle Systems International Foundation and the Office of Naval Research	National	Technology Development/Pre Incubation Phase	40
2017-18	IIT Bombay Racing	Formula Student Institution of Mechanical Engineers	National	Technology Development/Pre Incubation Phase	65
2017-18	International Aerial Robotics Competition 2018	The Association for Unmanned Vehicle Systems International Foundation	National	Technology Development/Pre Incubation Phase	16
2017-18	Mahindra Rise Driverless Car Challenge	Mahindra Rise	National	Technology Development/Pre Incubation Phase	18
2017-18	Solarise team shunya	Solar Decathlon is an international competition conducted by Department of Energy USA	National	Technology Development/Pre Incubation Phase	64

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	Inceptor Technologies Pvt Ltd Innovision	Student	Shyam Shah and Surbhi Srivastava	Yes	SINE	3	Yes	U72300GJ2015PTC08432	Graduated	Yes
2015-16	MedPrime Technologies Pvt Ltd	Student	Grishma Unikrishnan and Binal Jacob and Smarat and Mahesh Kumar Rathor	Yes	SINE	3	Yes	U74120MH2014PTC25973	Graduated	Yes
2015-16	Paperplane Cinemas Pvt Ltd	Faculty	Prof Shilpa Ranade	No	---	---	Yes	U74900MH2016PTC27388	Self-Supported	No
2015-16	Gururaya Solutions Pvt Ltd M76 Analytics	Alumni	Jai Mrug	Yes	SINE	3	Yes	U74120MH2013PTC24603	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	Power Anser Labs Pvt Ltd	Faculty	Prof SA Soman	Yes	SINE	4	Yes	U74120MH2015PTC 26169	Receiving Incubation	Yes
2015-16	CareNx Innovations Pvt Ltd	Student	Aditya Kulkarni Shantanu Pathak Anurag Meena	Yes	SINE	3	Yes	U74999MH2015PTC 26282	Graduated	Yes
2015-16	Niwas Homefin Solutions Pvt Ltd SMENiwas	Alumni	Saurabh Bhat Pooja Gupta Bhat	Yes	SINE	3	Yes	U74900DL2013PTC2 5368	Graduated	Yes
2015-16	Transpact Enterprises Pvt Ltd	Alumni	Aslam Khan Anis Choudhary Sudhir Bania	Yes	SINE	3	Yes	U33130MH2013PTC 24324	Receiving Incubation	No
2015-16	Tholoc Media Pvt Ltd Thought x	Alumni	Shreyans Maini Gaurav Daftary	Yes	SINE	2	Yes	U22100MH2015PTC 26848	Graduated	No
2015-16	Triangular Studios Pvt Ltd Tantra Mitra	Alumni	Sanket Kulkarni Praful Lakhe Suneet Bendre Samrudha Kelkar	Yes	SINE	2	Yes	U72200PN2015PTC 15665	Graduated	No
2015-16	Smart Stretcher Porcupin	Alumni	Anupam Bam	Yes	SINE	1	No	---	Graduated	No
2015-16	Point of care diagnostic	Student	Rishi Adhikary	Yes	SINE	1	No	---	Graduated	No
2015-16	Mapicle Technologies Pvt Ltd	Student	Ankith MS Kurien Zacharia Krishna Kulkarni	Yes	SINE	2	Yes	U74900MH2016PTC 27382	Graduated	No
2016-17	Algosurg Products Pvt Ltd	Student	Mr Amit Maurya Dr Vikas Karade	Yes	SINE	3	Yes	U33110MH2016PTC 27303	Receiving Incubation	No
2016-17	Metwiz Materials Pvt Ltd	Faculty	Dhruv Parikh Parag Bhargava	Yes	SINE	3	Yes	U74999MH2016PTC 27999	Receiving Incubation	No
2016-17	Vytaal Healthtech Pvt Ltd	Alumni	Gunjan Jain	Yes	SINE	3	Yes	U93000MH2016PTC 28282	Receiving Incubation	No
2016-17	WKA Technology Pvt Ltd Wylfiwyg	Student and Faculty	Prof Rajendra Sonar Mr Vipul Gupta	Yes	SINE	3	Yes	U74999MH2016PTC 28751	Receiving Incubation	Yes
2016-17	Tesla Innovations Private Limited TIPL	Alumni	Prashant Adsul	Yes	SINE	3	Yes	U74900MH2016PTC 27338	Receiving Incubation	Yes
2016-17	Emergy Enviro Pvt Ltd	Alumni	Indrakant Jha and Anupam Ravi	Yes	SINE	3	Yes	U74999MH2016PTC 28311	Receiving Incubation	Yes
2016-17	Allincall Research and Solutions Pvt Ltd	Student	Aman Goel Soham	Yes	SINE	3	Yes	U74999GJ2017PTC0 9699	Receiving Incubation	Yes
2016-17	Wayusaka Innovations Pvt Ltd	Alumni	Bipin Lokhande Nagraj Jain Binita Lokhande Sanjeev Nahar	Yes	SINE	3	Yes	U31909MH2017PTC 29019	Receiving Incubation	No
2016-17	H2E Power Systems Private Limited	Alumni	Siddharth	Yes	SINE	3	Yes	U40108PN2011PTC 14087	Receiving Incubation	Yes
2016-17	BlueZeal Labs Pvt Ltd	Student	Aditi SahaG Saha	Yes	SINE	2	Yes	U74999MH2017PTC 29856	Receiving Pre-Incubation	---
2016-17	Afresh Technology Solutions Pvt Ltd	Alumni	Diptesh Mukherjee Pradipto Bose	No	---	---	Yes	U72300WB2014PTC 20341	Graduated	No

Innovations to Startups

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

2016-17	Redcherry Analytics Pvt Ltd	Faculty	Prof Shiva Gopalakrishnan Kuldip Kamat	No	---	---	Yes	U72901MH2016PTC 28307	Graduated	No
2017-18	EnDimension Technology Pvt Ltd Medic dl	Student	Bharadwaj KSS Sanjeev MK	Yes	SINE	3	Yes	U36999MH2017PTC 30336	Receiving Incubation	No
2017-18	Metflux Research Pvt Ltd	Student and Faculty	Prof VenkateshAbhishek KoshtaDarshan Shah	Yes	SINE	3	Yes	U74999MH2017PTC 29088	Receiving Incubation	No
2017-18	Bombay Bijlee Pvt Ltd	Alumni	Sandeep Zutshi	No	---	---	Yes	U74999MH2017PTC 29365	Self-Supported	No
2017-18	Connect Plus	Alumni	Dhanyal Gopi	Yes	SINE	1	Yes	U74999MH2017PTC 29344	Receiving Incubation	No
2017-18	FINEFFI Energy Solutions Private Limited	Alumni	Bhawna Chittewar Milind Chittewar	Yes	SINE	3	Yes	U93000MH2016PTC 28264	Receiving Incubation	Yes
2017-18	Wecare ngaige	Alumni	Vineesh	Yes	SINE	1	No	---	Receiving Pre-Incubation	---
2017-18	Qawach Bio Pvt Ltd	Alumni	Rashmi Tambe	Yes	SINE	1	Yes	U33208MH2018PTC 30991	Receiving Pre-Incubation	---
2017-18	Botsrule Pvt Ltd	Alumni	Abhay Chitnis Kiran Pai	Yes	SINE	3	Yes	U72900MH2016PTC 28705	Receiving Incubation	No
2017-18	Ayu Devices Pvt Ltd	Alumni	Adarsha Rupesh Ghyar Tapas Pandey	Yes	SINE	3	Yes	U29308MH2017PTC 29761	Receiving Incubation	Yes
2017-18	Sustainable Reference Analytics Private Limited SustLabs	Alumni	Kaushik Bose Rohan Gupta Soumya Bhattacharya	Yes	SINE	3	Yes	U74999MH2016PTC 28585	Receiving Incubation	No
2017-18	Tactopus	Student	Chandani Rajendran	No	---	---	No	---	Self-Supported	No
2017-18	Vivek Sena	Student	Vivek Sena Sravani Chandramukhi	No	---	---	No	---	Self-Supported	No
2017-18	Vidhey Addepally	Student	VidheyAddepally	No	---	---	No	---	Self-Supported	No
2017-18	Acuradyne Medical Systems Pvt Ltd	Faculty	Prof Santosh Noronha Sushanth Poojary	Yes	SINE	3	Yes	U74999MH2017PTC 29248	Receiving Incubation	Yes
2017-18	Manastu Space Technologies Pvt Ltd	Student	Tushar Jadhav Ashtesh kumarManvi Dhawan	No	---	---	Yes	U73200MH2017PTC 29388	Receiving Pre-Incubation	---

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
2017-18	Incubation Services/Support Extended to Other Institute	Riidl K J Somaiya Business Incubator	Pre-incubation,Mentoring,Networking,Investment,Seed fund	2

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	Introduction to Entrepreneurship	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	70	70
2015-16	Developing a Proof of Concept	Design thinking	Credit Course (Elective)	Classroom	40	27	27
2015-16	Identifying and Exploiting Opportunity	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	47	47
2015-16	Developing a Proof of Concept - Advanced	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	21	21
2015-16	Technology Venture Creation	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	80	35
2015-16	Managing with New Business Models in a Knowledge Economy	IPR	Credit Course (Elective)	Classroom	21	7	7
2015-16	Managing Intellectual Property	IPR	Credit Course (Elective)	Classroom	21	69	69
2015-16	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	31	31
2015-16	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	18	18
2016-17	Managing with New Business Models in a Knowledge Economy	IPR	Credit Course (Elective)	Classroom	21	51	51
2016-17	Managing Intellectual Property	IPR	Credit Course (Elective)	Classroom	21	60	60
2016-17	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	43	43
2016-17	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	27	27
2016-17	Introduction to Entrepreneurship	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	88	88
2016-17	Developing a Proof of Concept	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	16	16
2016-17	Identifying and Exploiting Opportunity	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	54	54
2016-17	IP for Entrepreneurs	IPR	Credit Course (Elective)	Classroom	20	30	30
2016-17	Marketing for Entrepreneurs	Cognitive skill Development	Credit Course (Elective)	Classroom	20	36	36
2016-17	Technology Venture Creation	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	29	29
2017-18	Introduction to Entrepreneurship	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	101	101
2017-18	Business Fundamentals for Technopreneurs	Cognitive skill Development	Credit Course (Elective)	Classroom	20	39	39
2017-18	Managing Technological Innovation	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	20	22	22

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	Developing a Proof of Concept	Design thinking	Credit Course (Elective)	Classroom	40	40	40
2017-18	IP for Entrepreneurs	IPR	Credit Course (Elective)	Classroom	20	30	30
2017-18	Marketing for Entrepreneurs	Cognitive skill Development	Credit Course (Elective)	Classroom	20	37	37
2017-18	Technology Venture Creation	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	40	16	16
2017-18	Developing a Proof of Concept - Advanced	Design thinking	Credit Course (Elective)	Classroom	40	4	4
2017-18	Managing Intellectual Property	IPR	Credit Course (Elective)	Classroom	21	32	32
2017-18	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	50	50
2017-18	Technology Design and End to End Innovation - Part I	Innovation and Entrepreneurship Development	Credit Course (Elective)	Classroom	42	25	25

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	Prof Shishir Kumar Jha	15	SJMSOM	Innovation Design,IPR	Mentor	No	---	---
2015-16	Prof Aarti Kalro	3	SJMSOM	Innovation Design	Mentor	No	---	---
2015-16	Dr Raj Hirwani	15	URDIP	Innovation Design,IPR	Mentor	No	---	---
2016-17	Prof Shishir Kumar Jha	15	SJMSOM	Innovation Design,IPR	Mentor	No	---	---
2016-17	Prof Aarti Kalro	3	SJMSOM	Innovation Design	Mentor	No	---	---
2016-17	Dr Raj Hirwani	15	URDIP	Innovation Design,IPR	Mentor	No	---	---
2017-18	Prof Aarti Kalro	3	SJMSOM	Innovation Design	Mentor	No	---	---
2017-18	Dr Raj Hirwani	15	URDIP	Innovation Design,IPR	Mentor	No	---	---
2017-18	Prof Anand Kusre	15	School of Management	Innovation Design,Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	All in Call, Edgistify	1
2017-18	Prof Milind Atrey	10	Mechanical Engineering	Innovation Design,IPR,Entrepreneurship Development,Start-up Operation	Mentor	No	---	---
2017-18	Prof Rajen Jaswa	30	DSCE	Innovation Design,Business Modelling,Entrepreneurship Development,Start-up Operation	Mentor	Yes	Selectica, Opti, Dynno	1
2017-18	Prof Devdip Purkayastha	25	DSCE	Business Modelling,Start-up Operation	Mentor	No	---	---

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2017-18	Prof Raj Hirwani	30	DSCE	Innovation Design,IPR,Entrepreneurs hip Development	Mentor	No	---	---
2017-18	Prof Purshottam Kaushik	25	DSCE	Business Modelling,Start-up Operation	Mentor	No	---	---
2017-18	Dr Love Sarin	8	DSCE - IDEAS	Innovation Design,IPR,Entrepreneurs hip Development,Start-up Operation	Mentor	Yes	Banyan Environmental	1
2017-18	Prof Salil Donde	25	DSCE - IDEAS	Innovation Design,Business Modelling,Entrepreneurshi p Development,Start-up Operation	Mentor	Yes	Alpha Point	1

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)
2017-18	Grievance Redressal System	IITB Maintenance Ticketing portal	Ticketing software for creating maintenance tickets, status tracking, back-office actions, ERP integration. Users- Campus residents, staff and guests. Portal access through IITB LDAP login. Guests can login through mobile number. A)Maintenance units serviced by Ticketing software i)Estate management, Civil ii)Electrical Maintenance division iii)Physical Health office iv)Horticulture v)IITB telephone exchange B)Features i)Select maintenance unit, complaint type, time window for attending complaint, additional details or image or URL to describe complaint, provide address and telephone ii)Feedback after closure of ticket iii)View past complaint history iv)Receive email and SMS notifications C)Back office support i)Direct intimation to concerned service engineer ii)Generation of maintenance orders by Ticketing software software iii)Change or update ticket status and closure of ticket iv)Reports D)MIS interfaces -HODs can view reports, see work status, end-user feedback, statistics and reports. E)Notifications - i)confirmation of complaint and ticket number, i)work completion report, iii) email feedback from end user. notifications to concerned units F)Software is integrated with SAP-ERP-PM-module	0.00	0.00	15000
2017-18	Exam and Attendance Reforms	SAFE - Smart Authenticated Fast attendancE or Exams	Most higher education institutions today face the problem of large classes (100 plus students), affecting the quality of learning. We address this by leveraging the smartphone revolution - we have developed a suite of apps as teaching aids. Specifically, the SAFE system (Smart, Authenticated, Fast attendancE or Exams) enables easy and scalable exams and attendance, using students own smartphones. In this system, marking student attendance or conducting a quiz or exam is very easy - students authenticate themselves using their smartphones, their location is authenticated (class or exam room), and they can attempt an instructor-designed quiz on their device. A significant technical novelty is our focus on exam or attendance integrity, as well as robustness to failures, using a host of server and client-side mechanisms. SAFE has thus far been successfully used for over 500 quizzes or exams in about 20 different institutes including IITB.	6000000.00	0.00	3000