



ARIIA

ATL 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: National Institute of Technology Surathkal [ARI-U-0237]

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 Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Other Related Programs	Two days Brain Storming Discussion Programme	Innovation	13-Jul-2016 to 14-Jul-2016 (2 Days)	Within Campus	58	12	70	0.00	69168.00	69168.00
2015-16	Workshops / Training / Seminars / Conferences	Intellectual Property Right (IPR) for the Research Scholars of NITK	IPR	01-Sep-2016 to 01-Sep-2016 (1 Days)	Within Campus	102	0	102	0.00	94696.00	94696.00
2016-17	Workshops / Training / Seminars / Conferences	Startup Saturday	Entrepreneurship/ Startup	08-Sep-2016 to 08-Sep-2016 (1 Days)	Within Campus	30	10	40	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Faculty Development Program	Entrepreneurship/ Startup	12-Dec-2016 to 23-Dec-2016 (12 Days)	Outside Campus	0	26	26	0.00	236491.00	236491.00
2016-17	Workshops / Training / Seminars / Conferences	Creative Problem Solving - A Systematic Methodology	Innovation	24-Mar-2017 to 24-Mar-2017 (1 Days)	Within Campus	70	0	70	0.00	23577.00	23577.00
2016-17	Workshops / Training / Seminars / Conferences	Integrated Product Design - Role of Design for Manufacture and Assembly	Innovation	27-Mar-2017 to 27-Mar-2017 (1 Days)	Within Campus	70	0	70	0.00	30843.00	30843.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	E-Summit 2017	Entrepreneurship/ Startup	19-Dec-2017 to 20-Dec-2017 (2 Days)	Within Campus	50	10	60	140000.00	0.00	140000.00
2017-18	Workshops / Training / Seminars / Conferences	POWER CONVERTER DESIGN	Innovation	06-Jul-2017 to 06-Jul-2017 (1 Days)	Within Campus	14	0	14	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	TALENT MANAGEMENT AND CAREER PROGRESSION	Entrepreneurship/ Startup	13-Nov-2017 to 17-Nov-2017 (5 Days)	Within Campus	24	0	24	0.00	312965.00	312965.00

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	Workshops / Training / Seminars / Conferences	Virtual Labs workshop	Innovation	12-Dec-2017 to 12-Dec-2017 (1 Days)	Within Campus	0	51	51	0.00	525.00	525.00
2017-18	Workshops / Training / Seminars / Conferences	Virtual Labs Workshop	Innovation	18-Dec-2017 to 18-Dec-2017 (1 Days)	Within Campus	0	50	50	0.00	500.00	500.00
2017-18	Workshops / Training / Seminars / Conferences	Virtual Labs Workshop	Innovation	04-Jan-2018 to 04-Jan-2018 (1 Days)	Within Campus	0	34	34	0.00	400.00	400.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	E-Summit 2018	Entrepreneurship/Startup	08-Apr-2018 to 09-Apr-2018 (2 Days)	Within Campus	90	50	140	60000.00	0.00	60000.00
2017-18	Workshops / Training / Seminars / Conferences	Intellectual Property Rights (IPR 2018)	IPR	13-Apr-2018 to 13-Apr-2018 (1 Days)	Within Campus	128	0	128	0.00	103218.00	103218.00
2017-18	Awareness / Motivational Programs	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	30-Aug-2018 to 01-Sep-2018 (3 Days)	Within Campus	128	0	128	50000.00	0.00	50000.00
2017-18	Workshops / Training / Seminars / Conferences	IOT with machine learning and artificial intelligence	Innovation	07-Sep-2018 to 08-Oct-2018 (32 Days)	Within Campus	0	30	30	0.00	255000.00	255000.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship Development Program 2018	Entrepreneurship/Startup	05-Oct-2018 to 01-Nov-2018 (28 Days)	Within Campus	102	0	102	0.00	200000.00	200000.00
2017-18	Workshops / Training / Seminars / Conferences	IPR-Something which needs to be cared	IPR	15-Oct-2018 to 15-Oct-2018 (1 Days)	Within Campus	48	0	48	0.00	50000.00	50000.00
2017-18	Other Related Programs	Career-Development Alumni Mentorship Program	Entrepreneurship/Startup	28-Oct-2018 to 28-Oct-2018 (1 Days)	Within Campus	90	0	90	0.00	200000.00	200000.00
2017-18	Workshops / Training / Seminars / Conferences	Technology based Entrepreneurship Development Program	Entrepreneurship/Startup	29-Oct-2018 to 02-Dec-2018 (35 Days)	Within Campus	0	30	30	0.00	300000.00	300000.00
2017-18	Workshops / Training / Seminars / Conferences	Faculty Development Program on Idea Generation and Innovation (IGI 2018)	Innovation	29-Oct-2018 to 02-Nov-2018 (5 Days)	Within Campus	0	30	30	0.00	250000.00	250000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	NITK Womens 24 Hour Hackathon Athena	Entrepreneurship/Startup	03-Nov-2018 to 04-Nov-2018 (2 Days)	Within Campus	24	0	24	20000.00	0.00	20000.00

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	Workshops / Training / Seminars / Conferences	Design Innovation Workshop and Interface (DIWI 2018)	Innovation	19-Nov-2018 to 23-Nov-2018 (5 Days)	Within Campus	26	24	50	0.00	600000.00	600000.00
2017-18	Workshops / Training / Seminars / Conferences	Women in Technology Summit	Innovation	21-Dec-2018 to 23-Dec-2018 (3 Days)	Within Campus	26	110	136	0.00	400000.00	400000.00

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 Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Microsoft Code.Fun.Do	Microsoft	National	Student	4	Campus winners	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	Innovation	International Conference on Telematics and Future Generation Networks 2015, May 26 -28th, 2015	Universiti Teknologi Malaysia (UTM), Kuala Lumpur, Malaysia	International	Both	200	Best Research Paper Award	0.00	50000.00	50000.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	PyCon 2017, Portland, USA	Python Software Foundation	International	Both	500	Only undergrad student speaker from India invited to attend this conference	0.00	200000.00	200000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	eYantra robotics competition (eYRC-2016)	eYantra, IIT Bombay	National	Student	162	One of 5 finalists among 162 teams ; Winner of 3rd prize	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	SUPRA SAE 2017	SAE India	National	Student	126	Ranked 39th among more than 120 teams that participated in the event	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	National	Student	3		0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	National	Faculty	4		0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	National	Faculty	4		0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	National	Student	3		0.00	0.00	0.00

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2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Microsoft Code.Fun.Do	Microsoft	National	Student	3	campus winners	0.00	0.00	0.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/Startup	E-Summit 2017	E-cell, NITK Surathkal	National	Student	60		140000.00	0.00	140000.00
2016-17	Other Related Programs	Innovation	AMD Best Student Project Award 2018 (UG)	AMD India	National	Student	104	AMD Best Student Project Award 2018 (UG) with cash prize of Rs. 25000	0.00	25000.00	25000.00
2016-17	Other Related Programs	Innovation	AMD Best Student Project Award 2018 (UG)	AMD India	National	Student	16	AMD Best Student Project Award 2018 (PG) with cash prize of Rs. 25000	0.00	25000.00	25000.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	PReMI 2017	ISI Kolkata	International	Both	200	PReMI'17-Springer Student Award of Rs 5,000/	0.00	5000.00	5000.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017), Sep 20-22, 2017	Amity University	International	Both	200	Best paper award	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	UPCON-2016, Dec 9-11, 2016	IIT BHU	International	Faculty	100	Best Student Paper Award	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	ICACNI 2016	NIT Rourkela	International	Both	250	ACM Kolkata Chapter - ICACNI 2016 Best Paper Award in Networking track	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/Startup	E-Summit 2018	E-Cell, NITK Surathkal	National	Student	140		60000.00	0.00	60000.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/Startup	Entrepreneurship Workshop	E-Cell, NITK Surathkal and E-Cell, IIT Bombay	National	Student	60		0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/Startup	Entrepreneurship Awareness Camp	Startup Cell, NITK STEP and TEQIP III, NITK Surathkal	National	Faculty	128		0.00	50000.00	50000.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	IC3 2018	Jaypee Institute of Technology and Management, Noida	International	Student	3	Published research paper	0.00	10000.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	IPR	Chemignite 2k18	MIT Manipal	International	Student	1	Best Paper Award (Research paper published)	0.00	10000.00	10000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Google Summer of Code	Google	International	Student	7	Successfully completed	0.00	171850.00	171850.00

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2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	International	Faculty	4	Honorable mention in Regional Level	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	ACM International Collegiate Programming Competition	ACM	International	Student	4	Honorable Mention at Regional Level	0.00	0.00	0.00
2017-18	Other Related Programs	Innovation	AMD Best Student Project Award 2018 (UG)	AMD India	National	Student	101	AMD Best UG Project Award with cash prize of Rs. 25000	0.00	25000.00	25000.00
2017-18	Other Related Programs	Innovation	AMD Best Student Project Award 2018 (PG)	AMD India	National	Student	21	Awarded AMD Best PG Project Award with cash prize of Rs. 25000	0.00	25000.00	25000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Coding Hackathon 2k18	NMAMIT, Nitte	National	Student	200	Winner of Coding Hackathon 2k18	0.00	0.00	0.00
2017-18	Other Related Programs	Innovation	Women Techmakers Scholars Program 2018	Google	International	Student	1	2018 Women Techmakers Scholar - Asia Pacific	0.00	100000.00	100000.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	Institution of Engineers India	Institute Prize	National	Both	3	Institute Prize	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	AMD Tech Day	AMD India	National	Student	100	First prize with cash prize of Rs. 15,000	0.00	15000.00	15000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	AMD Tech Day	AMD India	National	Student	100	Second prize with cash prize of Rs. 10000	0.00	10000.00	10000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	Bootcamp on Web Development Frameworks	NITK STEP, NITK Surathkal	National	Student	28		0.00	20000.00	20000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	Athena - NITK Womens Hackathon	NITK STEP, NITK Surathkal	National	Student	24	First prize (Rs. 5000); Second prize (Rs. 3000) and third prize (Rs. 2000) given to three student groups	0.00	20000.00	20000.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	7th international IEEE Conference of power and energy (PECon 2018) at Kuala Lumpur	IEEE	International	Both	200		0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Festival for Innovation and Entrepreneurship 2018 (FINE 2018)	President's Secretariat in association with DST and National Innovation Foundation	National	Both	500		0.00	23000.00	23000.00

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	Innovation	PyCon 2018, Cleveland, USA	Python Software Foundation	International	Student	1	Only undergrad student speaker from India invited to attend this conference. Was chosen to talk on the topic - Listen, Attend and Walk: Interpreting natural language navigational instructions	0.00	200000.00	200000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	IET PATW competition, South Asia Level	IET	International	Both	200	chosen and invited to participate in this prestigious event	0.00	0.00	0.00

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 Rupees) (Construction Cost is excluded)		
							Institute Own / Internal Fund (in Rupees)	Sponsorship / External Fund	Total Operational Cost of Centre
2015-16	NITK Science and Technology Entrepreneurs Park (NITK-STEP)	Pre-Incubation	1998	NITK Science and Technology Entrepreneurs Park, NITK Campus	Prof. Kiran K B	9000	0.00	277538.00	277538.00
2015-16	NITK Incubation Center	Incubation	1998	Beside NITK Science and Technology Entrepreneurs Park, NITK Campus	Prof. Kiran K B	9000	0.00	307036.00	307036.00
2016-17	NITK Incubation Center	Incubation	1998	Beside NITK Science and Technology Entrepreneurs Park, NITK campus	Prof. G Srinikethan	9000	0.00	1573190.00	1573190.00
2016-17	NITK Science and Technology Entrepreneurs Park (NITK-STEP)	Pre-Incubation	1998	NITK Science and Technology Entrepreneurs Park, NITK Campus	Prof. G Srinikethan	9000	0.00	1447713.00	1447713.00
2016-17	Multiskill Development Center	Pre-Incubation	2017	Central Computer Center at NITK Surathkal	NITK Alumni Association	3000	0.00	5089211.00	5089211.00
2017-18	Multiskill Development Center	Pre-Incubation	2017	Central Computer Center, NITK Surathkal	NITK Alumni Association donated hundred computers for setup of MDC	3000	0.00	176227.00	176227.00
2017-18	NITK Science and Technology Entrepreneurs Park (NITK-STEP)	Pre-Incubation	1998	NITK Science and Technology Entrepreneurs Park, NITK Campus	Prof. G Srinikethan	9000	0.00	1141667.00	1141667.00
2017-18	NITK Incubation Center	Incubation	1998	Beside NITK Science and Technology Entrepreneurs Park. NITK Campus	Prof. Srinikethan G	9000	0.00	408281.00	408281.00

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	Non-Patented Innovative Technology to Start-up	Skillssoft Technologies	Entrepreneurs External to Institute		On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	Innate	Entrepreneurs External to Institute		Successfully Completed	3	0.00	0.00	0.00	0.00	Graduated Startup
2015-16	Patented Innovative Technology to Start-up	Expert Vision Labs Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	NGCN Info Solution Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	Mindstack Technologies Web Design and Development	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Patented Innovative Technology to Start-up	Automation Apps LLP	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	Chaos Lab	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Graduated Startup
2015-16	Non-Patented Innovative Technology to Start-up	Skillssoft Technologies	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2015-16	Non-Patented Innovative Technology to Start-up	Technisys	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Expert Vision Labs Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	Automation Apps LLP	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Serpro Consultations	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Mindstack Technologies Web Design and Development	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	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	Technisys	Entrepreneurs External to Institute		Successfully Completed	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Patented Innovative Technology to Start-up	NGCN Info Solution Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	2	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Wheels on Roll, Gurabagi Innovations Pvt Ltd	Student	Bachelor	On Progress	4	25000.00	0.00	0.00	25000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Abhi	Student	Bachelor	On Progress	3	25000.00	0.00	0.00	25000.00	Technology Development/Pre Incubation Phase
2016-17	Idea to PoC / Prototype / Innovation	Wayfoo Pvt Ltd	Student	Bachelor	Successfully Completed	2	25000.00	0.00	0.00	25000.00	Graduated Startup
2016-17	Idea to PoC / Prototype / Innovation	Autocuarador	Student	Bachelor	Dropped	3	25000.00	0.00	0.00	25000.00	Dormant Phase/Dropped
2016-17	Idea to PoC / Prototype / Innovation	Something Fishy	Student	Bachelor	Dropped	3	25000.00	0.00	0.00	25000.00	Dormant Phase/Dropped
2016-17	Idea to PoC / Prototype / Innovation	Shopscape	Student	Bachelor	On Progress	3	25000.00	0.00	0.00	25000.00	Technology Development/Pre Incubation Phase
2016-17	Non-Technological Innovation to Startup	Print Achu	Student	Bachelor	On Progress	2	25000.00	0.00	0.00	25000.00	Technology Development/Pre Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	Orbal Capital Management	Student	Bachelor	On Progress	2	25000.00	0.00	0.00	25000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Change Pay	Student	Bachelor	Successfully Completed	3	25000.00	0.00	0.00	25000.00	Graduated Startup
2017-18	Non-Patented Innovative Technology to Start-up	Kambala Solution Pvt Ltd	Entrepreneurs External to Institute		On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	Technisys	Entrepreneurs External to Institute		On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Patented Innovative Technology to Start-up	Serpro Consultations	Entrepreneurs External to Institute		On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Aakruthi 3D	Entrepreneurs External to Institute		On Progress	1	0.00	0.00	0.00	0.00	Startup under Incubation Phase

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2017-18	Non-Patented Innovative Technology to Start-up	Zednx Technologies Pvt Ltd	Entrepreneurs External to Institute		On Progress	2	0.00	0.00	0.00	0.00	Graduated Startup
2017-18	Idea to PoC / Prototype / Innovation	Wheels on Roll, Gurabagi Solutions Pvt Ltd	Student	Bachelor	On Progress	4	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Idea to PoC / Prototype / Innovation	Shopscape	Student	Bachelor	On Progress	3	0.00	0.00	0.00	0.00	Technology Development/Pre Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	MindStack Technologies Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	2	0.00	0.00	0.00	0.00	Startup under Incubation Phase
2017-18	Patented Innovative Technology to Start-up	Expert Vision Labs Pvt Ltd	Entrepreneurs External to Institute		Successfully Completed	3	0.00	0.00	0.00	0.00	Startup under Incubation Phase

Intellectual Properties Filed

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

Financial Year	Title of Patent	Patent Application No	Inventors Type	Type of Patent Application Filed	Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rupees)		
						Institution Own Fund	Sponsorship / Grant Fund	Total Amount Spent towards Patent Filing (in Rupees)
2015-16	Use of Diacritical marks for Speech Synthesis	201641005231	Student and Faculty	National	Application Published	74024.00	0.00	74024.00
2015-16	Method and device for determining turbidity levels in water	201641025734	Student and Faculty	National	Application Published	74024.00	0.00	74024.00
2015-16	Degraded speech recognition using Signal Envelope	201641007122	Student and Faculty	National	Application Published	74024.00	0.00	74024.00
2015-16	A process for improving n-3 polyunsaturated fatty acid content of fish oil	201641007984	Student and Faculty	National	Application Published	94000.00	0.00	94000.00
2016-17	Method and system for dynamic word encoding and compression of data	201641025735	Student and Faculty	National	Application Published	74224.00	0.00	74224.00
2016-17	System and Apparatus for customizable keyboard with mouse	201641034429	Faculty	National	Application Published	77674.00	0.00	77674.00
2016-17	Solar water pumping system in grid tie or off-grid mode with net zero energy from grid	201641035575	Faculty	National	Application Published	88000.00	0.00	88000.00
2016-17	A multiphase transformer rectifier unit and a method thereof	201641040621	Faculty	National	Application Published	110600.00	0.00	110600.00
2016-17	Method and device for sensorless PMSM drive	201741000335	Student and Faculty	National	Application Published	74224.00	0.00	74224.00

Intellectual Properties Filed

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

2016-17	Fabrication of high conductive metallic films at low temperature	201741005384	Student and Faculty	National	Application Published	74224.00	0.00	74224.00
2016-17	A dynamic voltage restoration system for weak AC grids and method thereof	201741009197	Faculty	National	Application Published	88000.00	0.00	88000.00
2016-17	Automated Illizarov apparatus	201641038768	Student and Faculty	National	Provisional/Complete Specification	74224.00	0.00	74224.00
2016-17	Ulnar Neuropathy Device	201641038767	Student and Faculty	National	Provisional/Complete Specification	74224.00	0.00	74224.00
2017-18	Method, System and Apparatus for Arsenic Removal from Water using Functionalized Melanin	201841047554	Student and Faculty	National	Provisional/Complete Specification	75500.00	0.00	75500.00
2017-18	Method and Device for Life Estimation Of Li-Ion Battery	201841047090	Student and Faculty	National	Provisional/Complete Specification	75500.00	0.00	75500.00
2017-18	METHOD OF N - FORMYLATING AMINES WITH A PHOSPHONIC ANHYDRIDE	9862675	Jointly with Industry	International	Patent Granted	0.00	0.00	0.00
2017-18	METHOD FOR REMOVING CATIONIC DYES FROM AN AQUEOUS SOLUTION USING AN ADSORBENT	10046985	Jointly with Industry	International	Patent Granted	0.00	0.00	0.00
2017-18	SYSTEM FOR MATERIAL BENEFICIATION INVOLVING HYDRO-SQUEEZE CLASSIFIER ASSISTED GRINDING BALL MILL	201821047543	Jointly with Industry	National	Application Published	0.00	0.00	0.00
2017-18	MATERIAL HANDLING SYSTEM FOR SCREENING OR FEEDING MATERIALS WITH HIGH SCREENING AND ENERGY EFFICIENCY	201821048990	Jointly with Industry	National	Application Published	0.00	0.00	0.00
2017-18	A nerve trimming kit	201741012202	Faculty	National	Application Published	74000.00	0.00	74000.00
2017-18	Method and system for maximum power point tracking of a pv-array during non-uniform isolation conditions	201741017347	Faculty	National	Application Published	74224.00	0.00	74224.00
2017-18	Variable stiffness MRE spring device	201741027226	Student and Faculty	National	Application Published	75500.00	0.00	75500.00
2017-18	A Passive leading edge micro-protruberance strip	201741035860	Student and Faculty	National	Provisional/Complete Specification	75500.00	0.00	75500.00

Intellectual Properties Filed

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

2017-18	Bacterial based synthesis of Core shell AgOTiO2 nano particles for photocatalytic water disinfection and dye degradation	201741044068	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	Method and system for preparing a Lanthanum Zirconium Oxide based dielectric ink for Micro electronics	201741045083	Student and Faculty	National	Application under Examination	69600.00	0.00	69600.00
2017-18	Removal of heavy metals from contaminated water by adsorption using melanin bound activated carbon	201841000695	Student and Faculty	National	Application under Examination	75500.00	0.00	75500.00
2017-18	Rotating packed disc bioreactor	201841000694	Student and Faculty	National	Application under Examination	75500.00	0.00	75500.00
2017-18	Dual fence with tapered trailing edge for turbine-compressor blade passage	201841003526	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	A composition and method of removal of heavy metals from contaminated water	201841008169	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	Swirl generator for human arterial network	201841010102	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	Method, system and apparatus for upgrading tyre pyrolysis oil	201841018816	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	Solid oxide fuel cell anode material as soot oxidation catalyst	201841028640	Student and Faculty	National	Provisional/Complete Specification	64600.00	0.00	64600.00
2017-18	Method and System for Fabricating A Porous Ceramic Structure Using Combustible pore Former	201841033533	Student and Faculty	National	Provisional/Complete Specification	69600.00	0.00	69600.00
2017-18	A Method and Composition for Soot Oxidation in a Diesel Particulate Filter	201841046271	Student and Faculty	National	Provisional/Complete Specification	75500.00	0.00	75500.00

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)

Not Applicable!

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	Total Grant Allocated Amount (in Rupees)	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	Purpose of Grant Utilization (Multiple options can be selected)	Purpose of Grant Utilization (Other)
2015-16	Government	EDII Ahmedabad and DST NIMAT	3.0	724000.00	724000.00	Training and Capacity Development on Innovation/Startup	---

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	NITK Alumni Association	1	800000.00	756000.00	Other	Loan
2017-18	Non-Government	NITK Alumni Association	1	800000.00	453275.00	Other	Loan
2017-18	Industry / CSR	KIOCL Mangalore	1	450000.00	450000.00	Training and Capacity Development on Innovation/Startup	---
2017-18	Non-Government	Edvio Language Institute	1	186000.00	186000.00	Training and Capacity Development on Innovation/Startup	---
2017-18	Non-Government	EDII Ahmedabad and DST Nimat	1	924000.00	924000.00	Training and Capacity Development on Innovation/Startup	---

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 Rupees)	Total Number of Successful Investments in Ideas / Innovation / Start-ups	Total Amount Invested
2015-16	Institute / Incubator's Own Investment Fund, if any	300000.00	1	300000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	300000.00	1	300000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	300000.00	1	300000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	25000.00	1	25000.00
2017-18	High Net-worth Individuals (HNIs)	4400000.00	0	4400000.00

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 Rupees)	Equity / Share Percentage (%) in Startup	From Equity/Share held in Startup (in Rupees)	Total Revenue Generated (in Rupees)
2015-16	EXPERT VISION LABS PVT LTD	Team from Outside of the Institution	Graduated from Incubation	111000.00	0	0.00	111000.00
2015-16	NGCN INFO SOLUTION PVT LTD	Team from Outside of the Institution	Graduated from Incubation	81000.00	0	0.00	81000.00

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	MIND STACK TECHNOLOGIES WEB DESIGN & DEVELOPMENT	Team from Outside of the Institution	Graduated from Incubation	72000.00	0	0.00	72000.00
2015-16	AUTOMATION APPS LLP	Team from Outside of the Institution	Graduated from Incubation	27000.00	0	0.00	27000.00
2015-16	Technisys	Team from Outside of the Institution	Graduated from Incubation	12000.00	0	0.00	12000.00
2015-16	Innate	Team from Outside of the Institution	Graduated from Incubation	200000.00	0	0.00	200000.00
2015-16	SkillSoft Technologies	Team from Outside of the Institution	Graduated from Incubation	0.00	0	0.00	0.00
2015-16	Chaos Labs	Team from Outside of the Institution	Graduated from Incubation	0.00	0	0.00	0.00
2016-17	Serpro Consultations	Team from Outside of the Institution	Graduated from Incubation	0.00	0	0.00	0.00
2016-17	EXPERT VISION LABS PVT LTD	Team from Outside of the Institution	Graduated from Incubation	111000.00	0	0.00	111000.00
2016-17	Automation Apps LLP	Team from Outside of the Institution	Graduated from Incubation	27000.00	0	0.00	27000.00
2016-17	MIND STACK TECHNOLOGIES WEB DESIGN & DEVELOPMENT	Team from Outside of the Institution	Graduated from Incubation	72000.00	0	0.00	72000.00
2016-17	TECHNISYS	Team from Outside of the Institution	Graduated from Incubation	12000.00	0	0.00	12000.00
2017-18	EXPERT VISION LAB PVT LTD	Team from Outside of the Institution	Graduated from Incubation	111000.00	0	0.00	111000.00
2017-18	MIND STACK TECHNOLOGIES WEB DESIGN & DEVELOPMENT	Team from Outside of the Institution	Graduated from Incubation	72000.00	0	0.00	72000.00
2017-18	KAMBALA SOLUTION PVT, LTD	Team from Outside of the Institution	Graduated from Incubation	7000.00	0	0.00	7000.00
2017-18	TECHNISYS	Team from Outside of the Institution	Graduated from Incubation	12000.00	0	0.00	12000.00
2017-18	SERPRO CONSULTATIONS	Team from Outside of the Institution	Graduated from Incubation	72000.00	0	0.00	72000.00
2017-18	Aakruthi 3D	Team from Outside of the Institution	Graduated from Incubation	15400.00	0	0.00	15400.00
2017-18	Zednx Technologies Pvt Ltd	Student	Graduated from Incubation	12000.00	0	0.00	12000.00

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)
Supercomputing Centre, Design Centre, Fabrication Lab, Automation Lab, Bio-Design Centre
List Maximum Five Advanced Labs Infrastructures Available in your Campus

Infrastructures & Facilities to Support Innovations and Start-ups
Advanced Infrastructure

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
Center of System Design	Modeling and experimentation on physical systems, real time control systems, industry-academia coll	Prof. K V Gangadharan	kvganga@nitk.ac.in
NITK Cluster at CCC	High performance computing, scientific experimentation, big data analytics	Prof. S. S. Kamath	chairmanccc@nitk.edu.in
NITK Science and Technology Entrepreneurs Park	Incubation, Startup Support, Infrastructure for startups, mentoring, training and skill development	Prof. G. Srinikethan	srinikethan.g@gmail.com
NITK Alumni Multiskill Development Center	Experimental learning, Digital learning	Prof. Vittal Panduranga	vittal@nitk.edu.in
Hexagon Next Gen 3D Lab	Industry Projects, 3D composite Design, Industrial Smart Plant design	Prof. K V Gangadharan and Dr. Mrityunjay Doddamani	kvganga@nitk.ac.in

Pre Incubation Centre Available in your Campus
Pre-Incubation Centre

Yes

Type of Centre (Multiple options can be selected)

Innovation Cell/Startup Cells, Student Innovation and Entrepreneurship Clubs, Tinkering Labs

List Maximum Five Pre-Incubation Centre Available in your Campus

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
Entrepreneurship Cell	Business plan creation, B-plan evaluation, mentoring	Dr. Suprabha K R	suprabha@nitk.ac.in
NITK Startup Cell	Mentoring support, Business plan evaluation, Seed grants	Dr. Madhusudan R	madhu@nitk.ac.in
Center of System Design	Fabrication, Design, 3d printing, System Modeling, Interdisciplinary Research and Product developmen	Prof. K V Gangadharan	kvganga@nitk.ac.in
NITK Alumni Multiskill Development Center	Experimental learning, Digital learning	Prof. Vittal Panduranga	vittal@nitk.edu.in
NITK Innovation Cell	Mentoring support, Innovative Design Support, Hackathons	Prof. Srinikethan G	srinikethan.g@gmail.com

Incubation Unit/Acceleration Centre/ Research Park / STEP

Infrastructures & Facilities to Support Innovations and Start-ups
Advanced Infrastructure
Incubation Unit/Acceleration Centre/ Research Park / STEP Available in your Campus

Yes

Type of Centre (Multiple options can be selected)

Incubation Centre, STEP

List Maximum Five Pre-Incubation Centre Available in your Campus

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
NITK STEP	Training, Skill enhancement, Pre-incubation	Prof. Srinikethan G	srinikethan.g@gmail.com
NITK Incubation Center	Business Incubation, Innovation	Prof. Srinikethan G	srinikethan.g@gmail.com

Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned 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	Second place in All India Student IEEE paper Contest 2016	IEEE	National	Technology Development/Pre Incubation Phase	3
2015-16	Golden Paper Award (Best of the best)	Pondichery University	National	Technology Development/Pre Incubation Phase	2
2015-16	First prize in Bosch Hackathon	Bosch	National	Technology Development/Pre Incubation Phase	2
2015-16	First prize in HIPC Parallel Programming challenge 2015	IEEE	International	Technology Development/Pre Incubation Phase	4
2015-16	POSOCO Power System Award 2015	IIT Delhi	National	Technology Development/Pre Incubation Phase	2
2015-16	Darrel Chong Student Activity Award (Bronze) - For the Open Collaborative Learning Project	IEEE Bangalore Section	National	Technology Development/Pre Incubation Phase	4
2016-17	Best Technical Paper	Curtin University (DuraBI)	International	Technology Development/Pre Incubation Phase	3
2016-17	National Design Award in Mining Engineering	Institution of Engineers (India)	National	Technology Development/Pre Incubation Phase	1
2016-17	Best poster paper	IISc Bangalore (SEEC 2018)	National	Technology Development/Pre Incubation Phase	2
2016-17	Best Paper Award	IIT Bhubaneshwar (SocPros 2017)	National	Technology Development/Pre Incubation Phase	4
2016-17	Best paper award	Indian Society for Hydraulics	National	Technology Development/Pre Incubation Phase	3
2016-17	Best poster award	EH-TACAG 2017	National	Technology Development/Pre Incubation Phase	2

Student Projects recognized at National / International Level

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

2016-17	Best paper award	IEEE ICISS 2017	National	Technology Development/Pre Incubation Phase	2
2016-17	Best Paper Award	IEEE TENCON 2017	International	Technology Development/Pre Incubation Phase	3
2016-17	Best Thesis Award	Institution of Civil Engineers (India)	National	Technology Development/Pre Incubation Phase	1
2016-17	Best Thesis Award	Association of Consulting Civil engineers	National	Technology Development/Pre Incubation Phase	2
2016-17	Third place in Nationals of ACM ICPC 2017	ACM	National	Technology Development/Pre Incubation Phase	3
2016-17	Best Poster Award	ChemTech World Expo 2017	National	Technology Development/Pre Incubation Phase	1
2016-17	Best PG Project Award	AMD India	National	Technology Development/Pre Incubation Phase	2
2016-17	Best UG Project Award	AMD India	National	Technology Development/Pre Incubation Phase	4
2017-18	Best paper Award	IIT Bombay (NFICE 2018)	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	SPIE Remote Sensing Society, Berlin	International	Technology Development/Pre Incubation Phase	2
2017-18	Best Thesis Award	NACE International	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	Center of Nanoscience and Technology JNTU	National	Technology Development/Pre Incubation Phase	4
2017-18	Winner, CodingHackathon 2018	NMAM Institute of Technology Nitte	National	Technology Development/Pre Incubation Phase	1
2017-18	AMD Best PG Project Award	AMD India	National	Technology Development/Pre Incubation Phase	2
2017-18	AMD Best UG Project Award	AMD India	National	Technology Development/Pre Incubation Phase	4
2017-18	Best Paper Award	IISc Bangalore (INCOSURF 2018)	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	CONCET 2018	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	IICT Hyderabad	National	Technology Development/Pre Incubation Phase	2
2017-18	Best paper Award	HMR Institute of Technology and Management (MARC 2018)	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	International Conference on Sustainable Construction and Building Materials	National	Technology Development/Pre Incubation Phase	3
2017-18	Best paper award	IIT Madras (NCRAC 2018)	National	Technology Development/Pre Incubation Phase	2
2017-18	Best Paper Award	IIT Madras (NCRAC 2018)	National	Technology Development/Pre Incubation Phase	2

Student Projects recognized at National / International Level

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

2017-18	Best Paper Award	Nationl conference on emerging trends on mechanical engineering and its applications 2018	National	Technology Development/Pre Incubation Phase	2
2017-18	First prize with cash prize of Rs. 50000	National Level Open Challenge Competition, DEFEXPO 2018, Ministry of Defence	National	Technology Development/Pre Incubation Phase	2
2017-18	First prize (cash prize of Rs. 15000)-AMD India Tech Day	AMD India	National	Technology Development/Pre Incubation Phase	3
2017-18	Best paper award	ICISSTM 2018	National	Technology Development/Pre Incubation Phase	2
2017-18	Best paper award	University of Mysore	National	Technology Development/Pre Incubation Phase	3
2017-18	Best paper award	IEMIS Kolkata	National	Technology Development/Pre Incubation Phase	2
2017-18	Best paper award	ICCC Sri Lanka	International	Technology Development/Pre Incubation Phase	1
2017-18	Best paper award	ICEMMM 2018	National	Technology Development/Pre Incubation Phase	3
2017-18	Forbes 30 under 30	Forbes India	National	Graduated Startup	2
2017-18	Forbes 30 under 30	Forbes India	National	Graduated Startup	2
2017-18	Best paper Award	NHTFF 2018	National	Technology Development/Pre Incubation Phase	3
2017-18	Best Technical Paper	Curtin University (DuraBI)	International	Technology Development/Pre Incubation Phase	3
2017-18	O P Jindal Engineering and Management Scholarship	Jindal Group	National	Technology Development/Pre Incubation Phase	1
2017-18	O P Jindal Engineering and Management Scholarship	Jindal Group	National	Technology Development/Pre Incubation Phase	1
2017-18	O P Jindal Engineering and Management Scholarship	Jindal Group	National	Technology Development/Pre Incubation Phase	1
2017-18	O P Jindal Engineering and Management Scholarship	Jindal Group	National	Technology Development/Pre Incubation Phase	1
2017-18	Young Scientist Award	Indian Council of Chemists	National	Technology Development/Pre Incubation Phase	1
2017-18	e-Yantra National Robotics Competition (first place)	IIT Bombay	National	Technology Development/Pre Incubation Phase	4

Innovations to Startups

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

Financial Year	Innovation / Start-Up Name	Founded by	Name of the Co-Founders (Multiple Names can be mentioned with Commas)	Received Incubation	Name of Incubator	Period of Incubation Received (in Years)	Startup with Corporate Identification Number (CIN) Registration	Corporate Identification Number (CIN) No.	Current Startup Status	Startup Grown to an annual turnover of Rupees 50 Lakhs (or) 10 employees for a period of 2 years
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Innovations to Startups

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

2015-16	EXPERT VISION LABS PVT LTD	Entrepreneurs Extern	Naveenchandra Hegde, Mangala hegde	Yes	NITK STEP	13	Yes	U33130MH1995PTC089651	Self-Supported	Yes
2015-16	NGCN INFO SOLUTION PVT LTD	Entrepreneurs Extern	Justin Sebastian and Maxin Sebastian	Yes	NITK STEP	5	Yes	U72200KA2013PTC071969	Self-Supported	Yes
2015-16	MIND STACK TECHNOLOGIES PVT LTD	Entrepreneurs Extern	Arun Kanthila Bhat, Mohammad Shazad Maved	Yes	NITK STEP	3	Yes	U72200KA2015PTC078676	Self-Supported	Yes
2015-16	Automation Apps LLP	Entrepreneurs Extern	Jayasheela R	Yes	NITK STEP	3	No	---	Self-Supported	No
2015-16	Chaos Labs	Entrepreneurs Extern	Abhinav Murali, Vineeth Sukumaran and Sasikumar Dinesh	Yes	NITK STEP	2	Yes	U74900KA2015PTC082243	Graduated	Yes
2015-16	SkillSoft Technologies	Entrepreneurs Extern	MAHESH S	Yes	NITK STEP	2	No	---	Graduated	Yes
2015-16	Technisys	Entrepreneurs Extern	Keerthiraj Devadiga	Yes	NITK STEP	3	No	---	Self-Supported	Yes
2015-16	Innate	Entrepreneurs Extern	Ravi Bora, Shankar Narayana Bharadwaj and Goswami Nandini	Yes	NITK STEP	1	Yes	U74900KA2014PTC075067	Graduated	Yes
2015-16	iTelematics	Entrepreneurs Extern	Ashwini Sudarshana and Janaradhana Karkala	Yes	NITK STEP	4	Yes	U72200KA2012PTC065650	Graduated	Yes
2015-16	Nexiot Foundation For Sustainability Andsmart Projects	Alumni	Suniel K G	Yes	NITK STEP	1	Yes	U73200KA2017NPL102762	Graduated	No
2015-16	Taxi for Sure	Alumni	Aprameya Radhakrishna, Raghunandan	No	---	---	Yes	U74900KA2011PTC057111	Self-Supported	Yes
2015-16	Pinkvilla Media Pvt Ltd	Student	Jeu George, Nandini Upendra Shenoy, Mukul Kumar Sharma	Yes	NITK STEP	1	Yes	U74900KL2013PTC033065	Graduated	Yes
2015-16	Practo	Student	Kizhakencherry Narayanamoorthy Kannan, Navalur Dattatreya Singh Shashank, Abhinav Lal	Yes	NITK STEP	1	Yes	U72900KA2008PTC046374	Graduated	Yes
2016-17	Practo	Student	Kizhakencherry Narayanamoorthy Kannan, Navalur Dattatreya Singh Shashank, Abhinav Lal	Yes	NITK STEP	1	Yes	U72900KA2008PTC046374	Graduated	Yes
2016-17	Expert Vision Labs Pvt Ltd.	Entrepreneurs Extern	NAVEENCHANDRA HEGDE, Mangala hegde	Yes	NITK STEP	13	Yes	U33130MH1995PTC089651	Self-Supported	Yes
2016-17	AUTOMATION APPS LLP	Entrepreneurs Extern	Jayasheela R	Yes	NITK STEP	10	No	---	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	Serpro Consultations	Entrepreneurs Extern	Mudassarpasha Maniyar	Yes	NITK STEP	1	No	---	Self-Supported	No
2016-17	Mind Stack Technologies Pvt Ltd	Entrepreneurs Extern	Arun Kanthila Bhat, Mohammad Shazad Maved	Yes	NITK STEP	3	Yes	U72200KA2015PTC078676	Self-Supported	Yes
2016-17	Technisys	Entrepreneurs Extern	KEERTHIRAJ DEVADIGA	Yes	NITK STEP	3	No	---	Receiving Incubation	Yes
2016-17	Wheel on Roll GURABAGI solutions	Student	Piyush Naveen Bansal, Amartya Gupta, Pratyush Kumar Giri, Jeshventh Raja Thoppay Kumaresh Babu	Yes	NITK STEP	1	Yes	U74999MH2017PTC295377	Receiving Incubation	No
2016-17	Abhi	Student	Abhinav M, Aswanth P P, Abhijith S	Yes	NITK STEP	1	No	---	Graduated	No
2016-17	Wayfoo	Student	Amit Shrikrishna Wadatkar, Gautamdev Chowdary Cherukuri	Yes	NITK STEP	1	Yes	U72500KA2016PTC092494	Graduated	Yes
2016-17	Something Fishy	Student	Neil K Martis, Nikhil, Harivarsh Kotian	Yes	NITK STEP	1	No	---	Graduated	No
2016-17	SHOPSCAPE	Student	Sanjay P, Pavan, Sachin	Yes	NITK STEP	2	No	---	Receiving Pre-Incubation	---
2016-17	Print Achu	Student	Vivek K, Manmohan M	Yes	NITK STEP	2	No	---	Receiving Pre-Incubation	---
2016-17	Orbal Capital Management	Student	Ashish Ongari, Rajesh Rao	Yes	NITK STEP	2	No	---	Graduated	No
2016-17	ChangePay	Student	Sanchit Garg, Dhyvik Jayadevappa Gavatur, Jeevan Mahadevaiah	Yes	NITK STEP	2	Yes	U72200KA2016PTC095130	Graduated	No
2016-17	AdroKart	Student	Vikas Meena, Anamik Sarvaiya, Kevin Thomas, Rishet Kuber	Yes	NITK STEP	1	No	---	Receiving Pre-Incubation	---
2017-18	EXPERT VISION LAB PVT LTD	Entrepreneurs Extern	Naveenchandra Hegde, Mangala Hegde	Yes	NITK STEP	13	Yes	U33130MH1995PTC089651	Self-Supported	Yes
2017-18	MIND STACK TECHNOLOGIES PVT LTD	Entrepreneurs Extern	Arun Kanthila Bhat, Mohammad Shazad Maved	Yes	NITK STEP	3	Yes	U72200KA2015PTC078676	Self-Supported	Yes
2017-18	KAMBALA SOLUTION PVT LTD	Entrepreneurs Extern	Somanath Jogi	Yes	NITK STEP	1	No	---	Self-Supported	No
2017-18	Technisys	Entrepreneurs Extern	Keerthiraj Devadiga	Yes	NITK STEP	3	No	---	Self-Supported	Yes
2017-18	Serpro Consultations	Entrepreneurs Extern	Mudassarpasha Maniyar	Yes	NITK STEP	1	No	---	Self-Supported	No
2017-18	Aakruthi3D	Entrepreneurs Extern	Raghavendra	Yes	NITK STEP	1	No	---	Receiving Pre-Incubation	---

Innovations to Startups

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

2017-18	ZEDNX Technologies	Student	Rakshith Bettaswamy Gowda, Kushal Gowda Billanakote Krishna Murthy	Yes	NITK STEP	2	Yes	U52100KA2016PTC095834	Graduated	Yes
2017-18	Practo	Student	Kizhakencherry Narayanamoorthy Kannan, Navalur Dattatreya Singh Shashank, Abhinav Lal	Yes	NITK STEP	1	Yes	U72900KA2008PTC046374	Graduated	Yes
2017-18	TeliPortMe	Alumni	Vineet Devaiah	No	---	---	Yes	U74999DL2012FTC243712	Self-Supported	Yes
2017-18	DevKraft Technologies	Alumni	Karan Thakral	No	---	---	Yes	U72900DL2018PTC331729	Self-Supported	Yes
2017-18	CohortPlus	Alumni	Karan Thakral and Srinivasan Narayan	No	---	---	Yes	U72900DL2018PTC331729	Self-Supported	No
2017-18	EduGorilla	Alumni	Rohit Manglik	No	---	---	Yes	U74999UP2016PTC088614	Self-Supported	Yes
2017-18	Gynk.com	Alumni	Niranjan Sukumaran	No	---	---	Yes	U52100TG2013PTC091254	Self-Supported	No
2017-18	Fruilix Virtual Reality Platform	Alumni	Anurag Syal, Himanshu Harivanshkumar Mukat and Rajat Mann	No	---	---	Yes	U31909KA2016PTC092324	Self-Supported	No
2017-18	Zwayam Digital	Alumni	Shreyas Tonse	No	---	---	Yes	U74910KA2015PTC080548	Self-Supported	Yes
2017-18	Rhapsody Labs Pictor	Student	Neelesh Soni	Yes	NITK STEP	1	Yes	U72300MH2011PTC222938	Self-Supported	Yes
2017-18	Maximiner Analytics and GMCV Technologies	Alumni	Vikram Nayak	No	---	---	Yes	U74900KA2012PTC062985	Self-Supported	Yes
2017-18	Tez Minds Software Private Limited	Alumni	Nitin Gupta	No	---	---	Yes	U72200PN2011PTC139001	Self-Supported	Yes
2017-18	UniAway	Alumni	Mahesh Pappu and Pavan Ghatala	No	---	---	No	---	Self-Supported	No
2017-18	Lab Anek Technovations	Alumni	Srikanth Narayanam	No	---	---	Yes	U72200KA2010PTC055306	Self-Supported	Yes
2017-18	Mangalore Robautonics Pvt Ltd	Entrepreneurs Extern	Biji Kurien Kurien, Narayana Bengre Karkera, Vijayakumar Banger, Prajwal Vijay Kumar and Prameetha	Yes	NITK STEP	5	Yes	U29219KA2011PTC056460	Self-Supported	Yes
2017-18	Bombinate Technologies Pvt LTd	Alumni	Aprameya Radhakrishna, Anand Daniel and Parinitha	No	---	---	Yes	U72900KA2015PTC084475	Self-Supported	Yes
2017-18	Apahatech	Student and Faculty	Arun Mohan Isloor	Yes	NITK STEP	1	No	---	Self-Supported	No

Innovations to Startups

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

2017-18	Applect Learning Systems	Alumni	Pavan Chauhan, Ritesh Hemrajani, Sudhir Bhargava, Kaushik Dutta, Ranjit Singh Yadav, Naveen Saraff	No	---	---	Yes	U99999DL2001PTC1 10324	Self-Supported	Yes
2017-18	Delhivery	Alumni	Sahil Barua, Srivatsan Rajan, Suvir Suren Sujjan, Gautam Sinha, Deepak Kapoor, Sudhir Narayanankutty Variyar, Anjali Bansal, Neeraj Bharadwaj, Sandeep Kumar Barasia, Deep Varma	No	---	---	Yes	U63090DL2011PTC2 21234	Self-Supported	Yes
2017-18	NestAway	Alumni	Deepak Dhar, Jitendra Jagadev, Amarendra Sahu, Smruthi Parida	No	---	---	Yes	U72400KA2014PTC0 78018	Self-Supported	Yes
2017-18	SimpliLearn	Alumni	Krishna Kumar	No	---	---	Yes	U80904KA2010PTC0 53153	Self-Supported	Yes
2017-18	Tusker Workspace pvt ltd	Alumni	Sheshagiri Rao Krishnakumar, Monnappa Muthappa Bayavanda	No	---	---	Yes	U74900KA2014PTC0 77803	Self-Supported	Yes
2017-18	Humble Mobile Soutions Pvt Ltd DRIVEU	Alumni	Ramprasad Shastry	No	---	---	Yes	U74900KA2015PTC0 81648	Self-Supported	Yes
2017-18	Chai Point	Alumni	Sandesh C	No	---	---	Yes	U55209KA2008PTC0 46663	Self-Supported	Yes
2017-18	Travelyaari	Alumni	Arjun Rao	No	---	---	Yes	U72900GJ2007PTC0 50603	Self-Supported	Yes
2017-18	Revoure	Alumni	Megha Singh	No	---	---	Yes	U52320KA2013PTC0 70228	Self-Supported	Yes
2017-18	DISCOVER INTERNET PRIVATE LIMITED CybrHome	Alumni	Ashish Gupta, Shubham Badal	Yes	NITK STEP	1	Yes	U74999KA2017PTC1 06935	Graduated	Yes
2017-18	Winkl	Student	Thakur Rahul Singh, Nikhil Kumar	Yes	NITK STEP	2	Yes	U72901KA2016PTC0 94769	Graduated	No
2017-18	KrazyBee	Alumni	Madhusudan Ekambaram and Karthikeyan Krishnaswamy	No	---	---	Yes	U74900KA2016PTC0 86953	Graduated	Yes
2017-18	Eventosaur	Alumni	Nikhil Jois Rama Babu, Tejovanth Babu Nagaraja	No	---	---	Yes	U74900KA2016PTC0 86953	Graduated	Yes
2017-18	Zednx Technologies Pvt Ltd	Student	Rakshith Bettaswamy Gowda, Kushal Gowda Billanakote Krishna Murthy	Yes	NITK STEP	2	Yes	U52100KA2016PTC0 95834	Graduated	No

Innovations to Startups

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

2017-18	TRASHIN RECYCLING PRIVATE LIMITED	Student	Pradeep Gangaiah, Chandrashekar Manjeshwar Bhat	Yes	NITK STEP	1	Yes	U74999KA2016PTC096596	Graduated	Yes
2017-18	Perpule 1Pay	Student	Abhinav Pathak and Yogesh Ghaturlle	Yes	NITK STEP	1	Yes	U74999KA2016PTC096884	Graduated	Yes

Co-Incubation Partnership

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

Financial Year	Type of Partnership	Partnership Institute Name	Type of Support Offered (Multiple Options can be Selected)	No. of Student Projects/ Ideas / Innovation / Startups Supported
2017-18	Incubation Services/Support Received from Other Institute/Incubator	National Law School	Mentoring	1
2017-18	Incubation Services/Support Received from Other Institute/Incubator	Mangalore Refineries and Petrochemicals Ltd MRPL	Seed fund	0
2017-18	Incubation Services/Support Received from Other Institute/Incubator	Edvio Language Institute	Pre-incubation	31
2017-18	Incubation Services/Support Received from Other Institute/Incubator	Pantech ProEd Pvt Ltd	Pre-incubation	24
2017-18	Incubation Services/Support Extended to Other Institute	KIOCL Mangalore	Pre-incubation,Networking	5

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	Entrepreneurship Lab	Design thinking	Master	Classroom	40	22	22
2016-17	Entrepreneurship Lab	Design thinking	Master	Classroom	41	10	10
2017-18	Entrepreneurship Lab	Design thinking	Master	Classroom	42	53	53
2017-18	Entrepreneurs Development and Management	Innovation and Entrepreneurship Development	Bachelor	Classroom	43	139	139

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 A H Sequeira	School of Management	4	Business Modelling,Entrepreneurship Development	Mentor	No	---	---
2016-17	Prof A H Sequeria	School of Management	4	Business Modelling,Entrepreneurship Development	Mentor	No	---	---

Faculty with Entrepreneurial Experience

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

2017-18	Prof A H Sequeira	School of Management	4	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Suprabha K R	School of Management	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Sowmya Kamath S	Information Technology	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Ajay Kumar Yadav	Mechanical	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr B B Das	Civil Engineering	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Madhusudhan R	Mathematical and Computational Sciences	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Bijay Kunar	Mining Engineering	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Pavan Kumar	School of Management	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Rajasekaran C	Civil Engineering	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr Mohit Tahiliani	Computer and Science Engineering	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Dr A S Balu	Civil Engineering	1	Business Modelling, Entrepreneurship Development	Mentor	No	---	---
2017-18	Prof Arun Isloor	Chemistry	2	Innovation Design, Start-up Operation	Founder	Yes	APAHATECH, company registered and corporate identification number to be allotted soon	awaiting

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 Rupees)	Revenue Generated (in Rupees)	Impact created (No. of Direct Beneficiaries/Users)
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Innovation in Governance

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

2016-17	Knowledge Management	IRIS - Integrated Resource and Information Sharing	IRIS NITK is an in-house e-portal developed by students at NITK Surathkal under faculty guidance to handle day-to-day administrative affairs. It has largely replaced pen-and-paper-based procedures and has minimized redundancy human errors in the process of day-to-day functioning of the Institute. The main aim is to automate most of the administrative procedures and provide easy access to services within the Institute. IRIS handles registration and admissions, records of examinations, marks, grades and academic progress, dynamic calendar, events and news management with notification services, inventory and assets management system, online room booking for Guest houses and seminar halls, placement portal, Hostel room allotment, online fee payment, academic certificate generation and payment, automated student attendance and computerized management of marks and grades, feedback management, faculty appraisal and data sync with faculty profile on NITK website etc.	3500000.00	0.00	5800
2017-18	Creativity and Cognitive Skill Development of Students	Center of System Design	The Center for System Design CSD, a center of excellence at NITK Surathkal, envisages an interdisciplinary approach and means for realization of successful engineering systems. Key components for this are system modeling and simulation, understanding system dynamics, system optimization, virtual and physical experimentation. CSD aims at facilitating and providing required environment for all the key components of system design and focuses on how to address and solve problems that transcend traditional boundaries between engineering disciplines. One of its initiatives, SOLVE, is the first large scale interdisciplinary project taken up with MHRD funding. As part of Virtual Labs project of MHRD, simulation labs on multiple domains of science and engineering have been created to complement conventional teaching methods. The experiments help students to explore a system by simulated variation of parameters and numerous such experiments in various areas have been developed. NITK Surathkal hosts 6 such labs, Mechanics of Machines Lab, Machine Dynamics and Vibrations Lab, Strength of Materials and Fluid Mechanics Lab, Process Control, Reaction Engineering and Unit Operations Lab, Industrial Electric Drives Lab and Substation Automation Lab. Total project cost of CSD to start was 5 crores received from MHRD and from National Instruments. Attracted major funded projects like Virtual Lab project 1 with a budget of 4.5 crore in 2010, Remote triggered Lab of 1.5 crore in 2011, Virtual Lab Phase 2 for 4 crore in 2015, Virtual Lab phase 3 for 1 crore in 2018 and SRM project from Dept of Heavy Industries for 17 Crore in partnership with Aditya Auto in 2018. Total projects attracted is 28.5 crore while total consultancy earning is about 12 Lakhs (2017,2018), total Training revenue generation is about 8 Lakhs (2018). Thus, effective revenue generated (through projects) is 28.5 Cr, and Consultancy and training Revenue is Rs. 20 Lakh in 2017-18.	50000000.00	2000000.00	1893

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