



(/DSP/Dashboard)



Institute Full Report

Indian Institute of Science [ARI-U-0220]

Awareness / Training / Programs Organized by Institute

[Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details			
1	Financial Year	2015-16	Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences	Number of Internal Participants	30
	Name of Program	Interaction with Prof. Anil Gupta - A interaction on Innovation, great Ideas and a number of ways to support Indian Innovators	Number of External Participants	0
			Total Number of Participants	30
Srno	Basic Details	Innovation		
	Basic Details			

	Theme						
	Program Start Date	01-12-2015 00:00:00	Program End Date	01-12-2015 00:00:00	Expenditure Incurred		
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	3000.00	
					Sponsorship/External Fund	0.00	
					Total Expenditure Incurred	3000.00	
2	Financial Year	2016-17				Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences				Number of Internal Participants	30
	Name of Program	Invitation for a Panel discussion on Entrepreneurship or Employment - What governs the choice				Number of External Participants	0
	Program Theme	Entrepreneurship/Startup				Total Number of Participants	30
	Program Start Date	09-04-2016 00:00:00	Program End Date	09-04-2016 00:00:00			
	Program Duration	1 Days	Program Conducted	Within Campus	Expenditure Incurred		
					Institute Own/Internal Fund (in Rupees)	2000.00	
				Sponsorship/External Fund	0.00		
				Total Expenditure Incurred	2000.00		
Srno	Basic Details						

3	Financial Year	2016-17			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	70
	Name of Program	Stock Market Investments - An Informative session on building personal wealth through stock markets for students			Number of External Participants	0
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	70
	Program Start Date	08-12-2016 00:00:00	Program End Date	08-12-2016 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	7000.00
					Sponsorship/External Fund	0.00
4	Financial Year	2016-17			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	110
	Name of Program	Fireside Chat with Phanindra Sama Discussion on Journey of Redbus. Lessons of Failure and Success			Number of External Participants	15
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	125
	Program Start Date	19-01-2017 00:00:00	Program End Date	19-01-2017 00:00:00		
Srno	Basic Details					

	Program Duration	1 Days	Program Conducted	Within Campus	Expenditure Incurred	
					Institute Own/Internal Fund (in Rupees)	13000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	13000.00
5	Financial Year	2016-17			Participants Details	
	Program Type	Awareness / Motivational Programs			Number of Internal Participants	19
	Name of Program	Idea Pitching Competition A competition to get Business idea validated by Angel Investors and Mentors from SID, IISc Bangalore.			Number of External Participants	8
	Program Theme	Innovation			Total Number of Participants	27
	Program Start Date	05-03-2017 00:00:00	Program End Date	05-03-2017 00:00:00		
	Program Duration	1 Days	Program Conducted	Within Campus	Expenditure Incurred	
					Institute Own/Internal Fund (in Rupees)	25000.00
Sponsorship/External Fund					0.00	
Total Expenditure Incurred					25000.00	
Srno	Basic Details					

6	Financial Year	2016-17			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	90
	Name of Program	Startup India Roadshow A presentation on Government Policies, Schemes and Benefits for Startups and Researchers at IISc looking to pursue Entrepreneurship.			Number of External Participants	0
	Program Theme	Innovation			Total Number of Participants	90
	Program Start Date	15-03-2017 00:00:00	Program End Date	15-03-2017 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	10000.00
					Sponsorship/External Fund	0.00
				Total Expenditure Incurred	10000.00	
7	Financial Year	2017-18			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	28
	Name of Program	Idea Validation Workshop A Business Idea Validation Workshop to clear all doubts and help innovators build a strong Business Case forthe Idea.			Number of External Participants	0
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	28
Srno	Program Basic Details					

					Expenditure Incurred	
	Program Start Date	06-05-2017 00:00:00	Program End Date	06-05-2017 00:00:00	Institute Own/Internal Fund (in Rupees)	7000.00
	Program Duration	1 Days	Program Conducted	Within Campus	Sponsorship/External Fund	0.00
					Total Expenditure Incurred	7000.00
8	Financial Year	2017-18			Participants Details	
	Program Type	Awareness / Motivational Programs			Number of Internal Participants	130
	Name of Program	IISc Startup Meet - Motivational Talk by Dr. Kota Harinarayana, and separate Panel discussion on grants, challenges and Entrepreneurship			Number of External Participants	32
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	162
	Program Start Date	03-08-2017 00:00:00	Program End Date	03-08-2017 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	32000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	32000.00
Srno	Basic Details					

9						
	Financial Year	2017-18			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	16
	Name of Program	A discussion on 7 Triggers for Sales - Entrepreneurship Design, Decode and Yield			Number of External Participants	2
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	18
	Program Start Date	20-08-2017 00:00:00	Program End Date	20-08-2017 00:00:00		
10	Program Duration	1 Days	Program Conducted	Within Campus	Expenditure Incurred	
					Institute Own/Internal Fund (in Rupees)	1000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	1000.00
					Participants Details	
					Number of Internal Participants	36
10	Financial Year	2017-18			Number of External Participants	10
	Program Type	Workshops / Training / Seminars / Conferences			Total Number of Participants	46
	Name of Program	Workshop on Cloud Computing Services - A 2 Days Hands-On workshop on Cloud Computing Services with a preview on How Salesforce can help you in your developments				
Srno	Program Details	Innovation				

	Program Name				Expenditure Incurred		
	Program Start Date	05-10-2017 00:00:00	Program End Date	06-10-2017 00:00:00	Institute Own/Internal Fund (in Rupees)	0.00	
	Program Duration	2 Days	Program Conducted	Within Campus	Sponsorship/External Fund	0.00	
					Total Expenditure Incurred	0.00	
11	Financial Year	2017-18				Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences				Number of Internal Participants	91
	Name of Program	Design Thinking 101 - A session on how best to think design by IISc Alumnus Mr. Amit Singh, G.E. Healthcare				Number of External Participants	9
	Program Theme	Entrepreneurship/Startup				Total Number of Participants	100
	Program Start Date	28-10-2017 00:00:00	Program End Date	28-10-2017 00:00:00	Expenditure Incurred		
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	10000.00	
					Sponsorship/External Fund	0.00	
				Total Expenditure Incurred	10000.00		
Srno	Basic Details						

12	Financial Year	2017-18			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	42
	Name of Program	Lessons and reflections on Deep Science start-ups by Dr. Inder Gopal, a discussion on a few examples related to the creation of Deep Science start-ups , i.e. start-up companies based on substantial innovation and core Intellectual Property.			Number of External Participants	0
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	42
	Program Start Date	14-02-2018 00:00:00	Program End Date	14-02-2018 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	2500.00
13	Financial Year	2017-18			Number of Internal Participants	20
	Program Type	Awareness / Motivational Programs			Number of External Participants	0
	Name of Program	Patent Applications - From Invention Disclosure to Drafting Specifications and Claims, course by Mr. Dinkar Agrawal Chief Executive Officer, IPexcel Services Private Ltd			Total Number of Participants	20
	Program Theme	IPR			Total Expenditure Incurred	2500.00
Srno	Basic Details					

	Program Start Date	17-02-2018 00:00:00	Program End Date	17-02-2018 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	1000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	1000.00
14	Financial Year	2017-18			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	30
	Name of Program	From Concept to Commercialization of Catalytic Processes by Dr. Bipin V. Vora, UOP Honeywell Fellow - Retired, AIChE Fellow, Consultant, Naperville, Illinois, USA			Number of External Participants	0
	Program Theme	Entrepreneurship/Startup			Total Number of Participants	30
	Program Start Date	01-03-2018 00:00:00	Program End Date	01-03-2018 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	1000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	1000.00
Srno	Basic Details				Participants Details	
15	Financial	2017-18				

	Financial Year	2017-18			Participants Details	
	Program Type	Workshops / Training / Seminars / Conferences			Number of Internal Participants	30
	Name of Program	Seminar on Designing inclusive, frugal innovative solutions collaboratively - can students, innovators and fabricators work together by Prof. Anil Gupta, IIM Ahmedabad			Number of External Participants	0
	Program Theme	Innovation			Total Number of Participants	30
	Program Start Date	28-03-2018 00:00:00	Program End Date	28-03-2018 00:00:00	Expenditure Incurred	
	Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	1000.00
					Sponsorship/External Fund	0.00
					Total Expenditure Incurred	1000.00

Participated in Events/Programs

[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.] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details					
1	Financial Year	2016-17	Program Type	Workshops / Training / Seminars / Conferences	Expenditure Incurred	
	Program Theme	Innovation			Institute Own/Internal Fund (in Rupees)	0.00
Srno	Basic Details Name of Event	Titan Design Impact Awards			Sponsorship/External Fund	0.00

	Organizing Agency / Institute Name	TITAN			Total Expenditure Incurred	0.00
	Level of Event	National	Type of Participants	Student		
	Nos of Participants	200				
	Achievements (Awards/Recognitions/Prize, If any)					
2	Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences	Expenditure Incurred	
	Program Theme	Entrepreneurship/Startup			Institute Own/Internal Fund (in Rupees)	24000.00
	Name of Event	Niti Aayog AIC Training			Sponsorship/External Fund	0.00
	Organizing Agency / Institute Name	Govt (Niti Aayog)			Total Expenditure Incurred	24000.00
	Level of Event	National	Type of Participants	Student		
	Nos of Participants	125				
	Achievements (Awards/Recognitions/Prize, If any)					
3	Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences	Expenditure Incurred	
Srno	Basic Details				Institute Own/Internal Fund (in Rupees)	24000.00

	Program Theme	Entrepreneurship/Startup			Institute Own/Internal Fund (in Rupees)	16000.00
	Name of Event	Incubator Meetg			Sponsorship/External Fund	0.00
	Organizing Agency / Institute Name	Deshpande Foundation			Total Expenditure Incurred	16000.00
	Level of Event	National	Type of Participants	Both		
	Nos of Participants	20				
	Achievements (Awards/Recognitions/Prize, If any)					
4	Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences	Expenditure Incurred	
	Program Theme	Entrepreneurship/Startup			Institute Own/Internal Fund (in Rupees)	9000.00
	Name of Event	Inaugration of Sandbox Startup			Sponsorship/External Fund	0.00
	Organizing Agency / Institute Name	Deshpande Foundation			Total Expenditure Incurred	9000.00
	Level of Event	National	Type of Participants	Both		
	Nos of Participants	500				
	Achievements (Awards/Recognitions/Prize, If any)					
Srno	Basic Details					

5

Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences	
Program Theme	Entrepreneurship/Startup			
Name of Event	Leapfrogging Healthcare Delivery through Medtech by Kiran Mazumdar Shaw			
Organizing Agency / Institute Name	C-CAMP, Bangalore			
Level of Event	National	Type of Participants	Both	
Nos of Participants	30			
Achievements (Awards/Recognitions/Prize, If any)				

Expenditure Incurred	
Institute Own/Internal Fund (in Rupees)	0.00
Sponsorship/External Fund	0.00
Total Expenditure Incurred	0.00

Pre-Incubation and Incubation Facilities Created in Campus

[Total Annual Expenditure Incurred towards Creation of Pre-Incubation and Incubation Facilities in Campus] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Details					
1	Financial Year	2015-16	Name of Centre	SID-Entrepreneurship Center		
	Type of Facility	Incubation	Year of Facility Creation	2006	Facility Location / Address	IISc
	Facility Incharge Name	Prof. B. Gurumoorthy			Facility area in Sq Ft	25000
Srno	Details					

	Operational Cost of Centre (in Rupees) (Construction Cost is excluded)			Expenditure Incurred			
	Institute Own/Internal Fund (in Rupees)		2780000.00	Institute Own/Internal Fund (in Rupees)		2780000.00	
	Sponsorship / External Fund		0.00	Sponsorship/External Fund		0.00	
	Total Operational Cost of Centre		2780000.00	Total Expenditure Incurred		2780000.00	
2	Financial Year		2016-17	Name of Centre		SID-Entrepreneurship Center	
	Type of Facility		Incubation	Year of Facility Creation		2006	
	Facility Incharge Name		Prof. B. Gurumoorthy		Facility Location / Address		IISc
					Facility area in Sq Ft		25000
	Operational Cost of Centre (in Rupees) (Construction Cost is excluded)			Expenditure Incurred			
	Institute Own/Internal Fund (in Rupees)		2634000.00	Institute Own/Internal Fund (in Rupees)		2634000.00	
	Sponsorship / External Fund		0.00	Sponsorship/External Fund		0.00	
	Total Operational Cost of Centre		2634000.00	Total Expenditure Incurred		2634000.00	
3	Financial Year		2017-18	Name of Centre		SID-Entrepreneurship Center	
	Type of Facility		Incubation	Year of Facility Creation		2006	
	Facility Incharge Name		Prof. B. Gurumoorthy		Facility Location / Address		IISc
				Facility area in Sq Ft		25000	
Srno	Details						

	Operational Cost of Centre (in Rupees) (Construction Cost is excluded)		Expenditure Incurred	
	Institute Own/Internal Fund (in Rupees)	7734000.00	Institute Own/Internal Fund (in Rupees)	7734000.00
	Sponsorship / External Fund	0.00	Sponsorship/External Fund	0.00
	Total Operational Cost of Centre	7734000.00	Total Expenditure Incurred	7734000.00

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] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details				Fund Supported	
1	Financial Year	2015-16	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	0.00
	Name of Idea / Project / Innovation / Startup	Equine Biotech Pvt Ltd			Seed Grant from Funding Agency	5000000.00
	Applicant Type	Faculty	Project Completion	Successfully Completed	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)		IP – Tech Transfer/Commercialization Phase			
2	Financial Year	2015-16	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	2000000.00
	Name of Idea / Project / Innovation / Startup	Sickle Innovation Pvt Ltd			Seed Grant from Funding Agency	3800000.00
Srno	Basic Details				Fund Supported	
					Angel / Venture Capital	0.00

	Applicant Type		Student	Project Completion	Successfully Completed	Angel / Venture Capital Fund	0.00	
						Total Supported Amount	5800000.00	
	Current Status (as of 31st March 2018)		IP – Tech Transfer/Commercialization Phase					
3	Financial Year		2015-16	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	0.00	
	Name of Idea / Project / Innovation / Startup		PathShodh HealthCare Pvt Ltd				Seed Grant from Funding Agency	45800000.00
	Applicant Type		Student and Faculty	Project Completion	Successfully Completed	Angel / Venture Capital Fund	0.00	
	Current Status (as of 31st March 2018)		IP – Tech Transfer/Commercialization Phase			Total Supported Amount	45800000.00	
4	Financial Year		2015-16	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	1500000.00	
	Name of Idea / Project / Innovation / Startup		Azooka LifeSciences LLP				Seed Grant from Funding Agency	2200000.00
	Applicant Type		Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	4000000.00	
	Current Status (as of 31st March 2018)		Startup under Incubation Phase			Total Supported Amount	7700000.00	
5	Financial Year		2016-17	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	0.00	
Srno	Basic Details					Fund Supported		

							Seed Grant from Funding Agency	8500000.00
	Name of Idea / Project / Innovation / Startup		Siamaf HealthCare Pvt Ltd				Angel / Venture Capital Fund	0.00
	Applicant Type		Alumni	Project Completion	On Progress		Total Supported Amount	8500000.00
	Current Status (as of 31st March 2018)				Startup under Incubation Phase			
6	Financial Year		2016-17	Category	Non-Patented Innovative Technology to Start-up		Institution Own Seed Fund	0.00
	Name of Idea / Project / Innovation / Startup		HiTech BioSynth Pvt Ltd				Seed Grant from Funding Agency	0.00
	Applicant Type		Faculty	Project Completion	On Progress		Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)				IP – Tech Transfer/Commercialization Phase			
7	Financial Year		2016-17	Category	Patented Innovative Technology to Start-up		Institution Own Seed Fund	1000000.00
	Name of Idea / Project / Innovation / Startup		Shanmukha Innovation Pvt Ltd				Seed Grant from Funding Agency	0.00
	Applicant Type		Faculty	Project Completion	On Progress		Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)							
Srno	Current Status (as of 31st March 2018)			Startup under Incubation Phase		Fund Supported		

8	Financial Year	2016-17	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	20509000.00
	Name of Idea / Project / Innovation / Startup	Astrome Technology Pvt Ltd			Seed Grant from Funding Agency	86942181.00
	Applicant Type	Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)		Startup under Incubation Phase			
9	Financial Year	2017-18	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	0.00
	Name of Idea / Project / Innovation / Startup	Mynvax Pvt Ltd			Seed Grant from Funding Agency	45000000.00
	Applicant Type	Faculty	Project Completion	On Progress	Angel / Venture Capital Fund	66000000.00
	Current Status (as of 31st March 2018)		Startup under Incubation Phase			
10	Financial Year	2017-18	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	1500000.00
	Name of Idea / Project / Innovation / Startup	Simyog Pvt Ltd			Seed Grant from Funding Agency	0.00
	Applicant Type	Student and Faculty	Project Completion	Successfully Completed	Angel / Venture Capital Fund Supported	65000000.00
Srno	Applicant Type Basic Details		Project Completion			

					Total Supported Amount	66500000.00
	Current Status (as of 31st March 2018)		IP – Tech Transfer/Commercialization Phase			
11	Financial Year	2017-18	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	0.00
	Name of Idea / Project / Innovation / Startup	MimyK Pvt Ltd			Seed Grant from Funding Agency	9600000.00
	Applicant Type	Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)		Startup under Incubation Phase		Total Supported Amount	9600000.00
12	Financial Year	2017-18	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	2983480.00
	Name of Idea / Project / Innovation / Startup	General Aeronautics			Seed Grant from Funding Agency	0.00
	Applicant Type	Entrepreneurs External to Institute	Project Completion	On Progress	Angel / Venture Capital Fund	13000000.00
	Current Status (as of 31st March 2018)		Startup under Incubation Phase		Total Supported Amount	15983480.00
13	Financial Year	2017-18	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	2500000.00
Srno	Basic Details				Fund Supported	
	Name of Idea / Project / Innovation / Startup	General Aeronautics Pvt Ltd			Seed Grant from Funding Agency	13000000.00

	Name of Idea / Project / Innovation / Startup	Bellatrix Aerospace Pvt Ltd			Seed Grant from Funding Agency	160000000.00
	Applicant Type	Entrepreneurs External to Institute	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)				Total Supported Amount	162500000.00
	Startup under Incubation Phase					
14	Financial Year	2017-18	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	1500000.00
	Name of Idea / Project / Innovation / Startup	Lab-to-Market Innovation Pvt Ltd			Seed Grant from Funding Agency	1500000.00
	Applicant Type	Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)				Total Supported Amount	3000000.00
	Startup under Incubation Phase					
15	Financial Year	2017-18	Category	Patented Innovative Technology to Start-up	Institution Own Seed Fund	1000000.00
	Name of Idea / Project / Innovation / Startup	Open Water Pvt Ltd			Seed Grant from Funding Agency	13000000.00
	Applicant Type	Faculty	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)				Total Supported Amount	14000000.00
	Startup under Incubation Phase					
Srno	Basic Details				Fund Supported	

16	Financial Year	2017-18	Category	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	230000.00
	Name of Idea / Project / Innovation / Startup	Protein Design Pvt Ltd			Seed Grant from Funding Agency	0.00
	Applicant Type	Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	0.00
	Current Status (as of 31st March 2018)		Startup under Incubation Phase			
			Total Supported Amount			

Intellectual Property Generated and Filled

[Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute as Co-Ownership] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
1	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Mitigating Instability by Actuating the Swirler in a Combustor			Sponsorship / Grant Fund	0.00
	Patent Application No	5378/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
	Financial Year	2015-16			Institution Own Fund	100000.00

	Title of Patent		Process for Making Solid Hydroxylamine Nitrate		Sponsorship / Grant Fund	0.00	
	Patent Application No		4469/CHE/2015	Inventors Type			Student and Faculty
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application Published			
3	Financial Year		2015-16			Institution Own Fund	100000.00
	Title of Patent		Optical Nanosensor for Early Stage Detection of Bactocera Oleae Infestation				
	Patent Application No		3696/CHE/2015	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application Published			
4	Financial Year		2015-16			Institution Own Fund	100000.00
	Title of Patent		Platform of Large Metal Nitride Island with Lateral Orientation and Low Defect Density				
	Patent Application No		201641010055	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
Srno	Current Status (as of 31st March 2018)		Application under Examination			Amount Spent towards Patent Filing (in Rupees)	

					Examination																																
5	<table><tr><td>Financial Year</td><td colspan="4">2015-16</td></tr><tr><td>Title of Patent</td><td colspan="4">High Aspect Ratio Structures with Hard Ceramic Coating Apparatus and Method of Coating the Structures</td></tr><tr><td>Patent Application No</td><td>201641008129</td><td>Inventors Type</td><td colspan="2">Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td colspan="2">National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td colspan="2">Application under Examination</td></tr></table>					Financial Year	2015-16				Title of Patent	High Aspect Ratio Structures with Hard Ceramic Coating Apparatus and Method of Coating the Structures				Patent Application No	201641008129	Inventors Type	Student and Faculty		Type of Patent Application Filed			National		Current Status (as of 31st March 2018)			Application under Examination		<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2015-16																																				
Title of Patent	High Aspect Ratio Structures with Hard Ceramic Coating Apparatus and Method of Coating the Structures																																				
Patent Application No	201641008129	Inventors Type	Student and Faculty																																		
Type of Patent Application Filed			National																																		
Current Status (as of 31st March 2018)			Application under Examination																																		
Institution Own Fund	100000.00																																				
Sponsorship / Grant Fund	0.00																																				
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																																				
6	<table><tr><td>Financial Year</td><td colspan="4">2015-16</td></tr><tr><td>Title of Patent</td><td colspan="4">Drain Extended Tunnel Field Effect Transistor</td></tr><tr><td>Patent Application No</td><td>201641006497</td><td>Inventors Type</td><td colspan="2">Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td colspan="2">National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td colspan="2">Application under Examination</td></tr></table>					Financial Year	2015-16				Title of Patent	Drain Extended Tunnel Field Effect Transistor				Patent Application No	201641006497	Inventors Type	Student and Faculty		Type of Patent Application Filed			National		Current Status (as of 31st March 2018)			Application under Examination		<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2015-16																																				
Title of Patent	Drain Extended Tunnel Field Effect Transistor																																				
Patent Application No	201641006497	Inventors Type	Student and Faculty																																		
Type of Patent Application Filed			National																																		
Current Status (as of 31st March 2018)			Application under Examination																																		
Institution Own Fund	100000.00																																				
Sponsorship / Grant Fund	0.00																																				
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																																				
7	<table><tr><td>Financial Year</td><td colspan="4">2015-16</td></tr><tr><td>Title of Patent</td><td colspan="4">Antibacterial Antimicrobial Composition and Method of Preparation Thereof</td></tr></table>					Financial Year	2015-16				Title of Patent	Antibacterial Antimicrobial Composition and Method of Preparation Thereof				<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00																	
Financial Year	2015-16																																				
Title of Patent	Antibacterial Antimicrobial Composition and Method of Preparation Thereof																																				
Institution Own Fund	100000.00																																				
Sponsorship / Grant Fund	0.00																																				
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	100000.00																															

	Patent Application No	201641003899	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
8	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Data Streaming in Hardware Accelerator for Mapping and Alignment of Short Reads			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/050841	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
9	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Hardware Accelerator for Alignment of Short Reads in Sequencing Platforms			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/050839	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

10	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Mapping of Short Reads in Sequencing in Platforms			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/050840	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed	International				
	Current Status (as of 31st March 2018)	Application under Examination				
11	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Process for Substrate-Integrated Growth of Nanostructured Electroactive Material on a Substrate			Sponsorship / Grant Fund	0.00
	Patent Application No	201641005449	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
12	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Substrate Integrated Nanostructured Nickel Iron Ultra Battery			Sponsorship / Grant Fund	0.00
	Patent Application No	201641005450	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
Srno	Type of Patent Application Filed	National				

	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
13	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Patient Specific Near-Net Shaped Uniaxially Pressed Ceramic Femoral Head and Acetabular Socket and Fabrication Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641004257	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
14	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	A Method for Rapid Detection of a Single Bacterium			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2016/000028	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
15						
Sr No	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
	Financial Year	2015-16			Institution Own Fund	300000.00

	Title of Patent	Device and Method for Detecting Creatinine and Albumin to Creatinine Ratio			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/050311	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
16	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Composition of Punica Granatum for HCV Inhibition			Sponsorship / Grant Fund	0.00
	Patent Application No	3473/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
17	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Biosensor Strip Composition and Method of Use Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	7047/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details			Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rupees)	

18						
	Financial Year		2015-16		Institution Own Fund	100000.00
	Title of Patent		Continuous Wave Quantum Dot Laser		Sponsorship / Grant Fund	0.00
	Patent Application No	7046/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
Current Status (as of 31st March 2018)			Application under Examination			
19						
	Financial Year		2015-16		Institution Own Fund	100000.00
	Title of Patent		System and Method for Producing Hydrogen Rich Syngas for Hydrogen Generation		Sponsorship / Grant Fund	0.00
	Patent Application No	6783/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
Current Status (as of 31st March 2018)			Application under Examination			
20	Financial Year		2015-16		Institution Own Fund	100000.00
	Title of Patent		Medical Chair with Multi-Orientation		Sponsorship / Grant Fund	0.00
	Patent Application No	6686/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details			Type	Amount Spent towards Patent Filing (in Rupees)	

	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
21	Financial Year				2015-16	Institution Own Fund	100000.00
	Title of Patent				Metal Catalyst and Process Process for the Preparation	Sponsorship / Grant Fund	0.00
	Patent Application No		6490/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National		
	Current Status (as of 31st March 2018)				Application under Examination		
22	Financial Year				2015-16	Institution Own Fund	100000.00
	Title of Patent				Single Step Method for Production of Open Cell Metal Foam Heat Exchanger	Sponsorship / Grant Fund	0.00
	Patent Application No		6484/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National		
	Current Status (as of 31st March 2018)				Application under Examination		
23	Financial Year				2015-16	Institution Own Fund	100000.00
	Basic Details					Amount Spent towards Patent Filing (in Rupees)	

	Title of Patent	A Nano Composite Sensor for Detection of Natural Gas			Sponsorship / Grant Fund	0.00
	Patent Application No	6276/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
24	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Real-Time Fibre Bragg Grating Biosensor			Sponsorship / Grant Fund	0.00
	Patent Application No	6275/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
25	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Low-Rate Super-Resolution Ultrasound Imaging System			Sponsorship / Grant Fund	0.00
	Patent Application No	6178/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

26	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Real Time Sample Classifier (Cytocube)			Sponsorship / Grant Fund	0.00
	Patent Application No	4957/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
27	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Heteropitaxial Structure of Metal-Nitride Layers with High Mole Fraction of Aluminium			Sponsorship / Grant Fund	0.00
	Patent Application No	5975/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
28	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	CMOS Wideband RF Amplifier with Gain Roll-Off Compensation for External Parasitics			Sponsorship / Grant Fund	0.00
	Patent Application No	3648/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details			Amount Spent towards Patent Filing (in Rupees)		
	Type of Patent Application Filed					
				National		

	Current Status (as of 31st March 2018)			Application Published		
29						
	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Chimeric Plant Based Virus like Particles and Uses Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	5067/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
30						
	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Real Time Sensing of Analytes by On-Chip Interference-Synthesis of Noble Metal Nanoparticles			Sponsorship / Grant Fund	0.00
	Patent Application No	4882/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
31						
	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Device and Method for Non-Enzymatic and Electrochemical			Sponsorship / Grant Fund	0.00
Srno	Basic Details	Detection of Glucose Bioanalyte			Amount Spent towards Patent Filing (in Rupees)	
					Total Amount Spent towards Patent	300000.00

	Patent Application No	PCT/IB2015/056854	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
32	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Device and Method for Detection of Haemoglobin and Its Complexes			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/056832	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
33	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Method and System for Epoch Based Modification of Speech Signals			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/056661	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

34	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Nitrate Ion Sensor and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	4639/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
35	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Electrochemical Biosensor and a Method of Sensing Albumin and Its Complexes			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/056619	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
36	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Microfluidic On-Chip Biosynthesis of Nanoparticles at Room Temperature			Sponsorship / Grant Fund	0.00
	Patent Application No	3649/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
Srno	Type of Patent Application Filed Basic Details				Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application Published		
37	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Haptic Device for Endoscopy			Sponsorship / Grant Fund	0.00
	Patent Application No	3439/CHE/2014	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
38	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	High Througput Optofluidie Hyperimaging			Sponsorship / Grant Fund	0.00
	Patent Application No	3432/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
39	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Near Infrared Optical Tomography			Sponsorship / Grant Fund	0.00
	Patent Application	3096/CHE/2015	Inventors	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	No Basic Details		Type		Amount Spent towards Patent Filing (in Rupees)	

	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
40	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Y-Y Strengthened Tungsten Free Cobalt Based Super Alloy			Sponsorship / Grant Fund	0.00
	Patent Application No	3011/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
41	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Method for Removing Hydrogen Sulfide from a Gaseous Mixture			Sponsorship / Grant Fund	0.00
	Patent Application No	2979/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
42	Financial Year	2015-16			Institution Own Fund	100000.00
Srno	Title of Patent	Subject Transfer Apparatus			Sponsorship / Grant Fund	0.00
	Basic Details				Amount Spent towards Patent Filing (in Rupees)	0.00

	Patent Application No	2972/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
43	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Three Dimensional Printing of Patient Specific Implants			Sponsorship / Grant Fund	0.00
	Patent Application No	2768/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
44	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Fin Enabled Area Scaled Tunnel Field Effect Transister			Sponsorship / Grant Fund	0.00
	Patent Application No	2625/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
45	Financial Year	2015-16			Institution Own Fund	100000.00

	Financial Year		2015-16		Institution Own Fund		100000.00	
	Title of Patent		Creatinine Detector		Sponsorship / Grant Fund		0.00	
	Patent Application No		2412/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National			
	Current Status (as of 31st March 2018)				Application under Examination			
46	Financial Year		2015-16		Institution Own Fund		100000.00	
	Title of Patent		Polypeptides for Generating Anti-Influenza Antibodies and Uses Thereof		Sponsorship / Grant Fund		0.00	
	Patent Application No		15/305575	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National			
	Current Status (as of 31st March 2018)				Application under Examination			
47	Financial Year		2015-16		Institution Own Fund		100000.00	
	Title of Patent		Polypeptides for Generating Anti-Influenza Antibodies and Uses Thereof		Sponsorship / Grant Fund		0.00	
	Patent Application No		EP20150727445	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National			
	Current Status (as of 31st March 2018)				Application under Examination			
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)			

	Current Status (as of 31st March 2018)			Application Published		
48						
	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Polypeptides for Generating Anti-Influenza Antibodies and Uses Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	2016/07182	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
49						
	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Polypeptides for Generating Anti-Influenza Antibodies and Uses Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/000589	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
50						
	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Multiple Motion Measurement			Sponsorship / Grant Fund	0.00
Srno	Basic Details Patent Application	2017/CHE/2015	Inventors	Student and Faculty	Amount Spent towards Patent Filing (in Rupees)	100000.00
					Total Amount Spent towards Patent	100000.00

	No		Type		Filing (in Rupees)	
	Type of Patent Application Filed				National	
	Current Status (as of 31st March 2018)				Application Published	
51	Financial Year		2015-16			
	Title of Patent		Reusable Probe Tip for a Scanning Probe Microscope			
	Patent Application No		1919/CHE/2015	Inventors Type	Student and Faculty	
	Type of Patent Application Filed				National	
	Current Status (as of 31st March 2018)				Application Published	
52	Financial Year		2015-16			
	Title of Patent		Low Power Pulse Oximeter and a Method Thereof			
	Patent Application No		PCT/IB2015/052579	Inventors Type	Student and Faculty	
	Type of Patent Application Filed				International	
	Current Status (as of 31st March 2018)				Application Published	
53	Financial Year		2015-16			
	Title of Patent		Low Power Pulse Oximeter and a Method Thereof			
	Patent Application No		PCT/IB2015/052579	Inventors Type	Student and Faculty	
	Type of Patent Application Filed				International	
	Current Status (as of 31st March 2018)				Application Published	
Srno	Basic Details					Amount Spent towards Patent Filing (in Rupees)

	Title of Patent		High-Frequency Integrated Device with an Enhanced Inductance and a Process Thereof		Sponsorship / Grant Fund		0.00			
	Patent Application No		14/441329	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00		
	Type of Patent Application Filed				National					
	Current Status (as of 31st March 2018)				Patent Granted					
54	Financial Year		2015-16				Institution Own Fund		100000.00	
	Title of Patent		Method and Apparatus for Detecting Muscular Disorders Based on Vibrations Signature of Muscle Cells						Sponsorship / Grant Fund	0.00
	Patent Application No		4161/CHE/2015	Inventors Type	Student and Faculty				Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National					
	Current Status (as of 31st March 2018)				Application under Examination					
55	Financial Year		2015-16				Institution Own Fund		100000.00	
	Title of Patent		Energy Harvesting Electronic Switch						Sponsorship / Grant Fund	0.00
	Patent Application No		4110/CHE/2015	Inventors Type	Student and Faculty				Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National					
	Current Status (as of 31st March 2018)				Application					
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)					

	Current Status (as of 31st March 2018)				Application Published		
56							
	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Catalyst Composition For Gas Production				Sponsorship / Grant Fund	0.00
	Patent Application No	3783/CHE/2015	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application Published			
57							
	Financial Year	2015-16				Institution Own Fund	300000.00
	Title of Patent	A Device for Simulating Endoscopy and a System Thereof				Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/055251	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International			
	Current Status (as of 31st March 2018)			Application Published			
58							
	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	A Method of Residue Proximity Information and Protein Model				Sponsorship / Grant Fund	0.00
	Patent Application No	Discrimination Using Saturation-Suppressor Mutagenesis				Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details						

	Patent Application No	6466/CHE/2015	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Patent Granted		
59	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Microfluidic Cartrige			Sponsorship / Grant Fund	0.00
	Patent Application No	4229/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
60	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Surfaces with Embedded Sensing and Actuation Networks Using Complementary Metal Oxide Semiconductor (CMOS) Sensing Chips			Sponsorship / Grant Fund	0.00
	Patent Application No	14/842502	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Patent Granted		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

61	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Optical Nanosensor for Early Stage Detection of Bactocera Oleae Infestation			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/05025	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
62	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	CMOS Wideband RF Amplifier with Gain Roll-Off Compensation for External Parasitics			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/053972	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
63	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Process for Making Solid Hydroxylamine Nitrate			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2016/054509	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
Srno	Type of Patent Application Filed			International	Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application Published			
64							
	Financial Year	2016-17			Institution Own Fund	100000.00	
	Title of Patent	Spinal Needle Force Monitoring During Lumbar Puncture Using Fibre Bragg Grating Force Device			Sponsorship / Grant Fund	0.00	
	Patent Application No	201641021502	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
65							
	Financial Year	2016-17			Institution Own Fund	100000.00	
	Title of Patent	Energy Storage Device with Substrate Integrated Core Shell Nano Structured Electrodes and Method Thereof			Sponsorship / Grant Fund	0.00	
	Patent Application No	201641020589	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
66							
Sno	Basic Details					Amount Spent towards Patent Filing (in Rupees)	
	Financial Year	2016-17			Institution Own Fund	100000.00	

	Title of Patent				Shock Wave Dispersed Nano Beam Epitaxy (SD-NBE)		Sponsorship / Grant Fund		0.00
	Patent Application No		6743/CHE/2015	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
67	Financial Year		2016-17				Institution Own Fund		100000.00
	Title of Patent		Semiconductors Nanocrystals with Defects for High Efficiency Emission				Sponsorship / Grant Fund		0.00
	Patent Application No		201641017315	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
68	Financial Year		2016-17				Institution Own Fund		100000.00
	Title of Patent		A Method and a System for Generation of High Performance Precipitated Silica from Rice Husk Ash				Sponsorship / Grant Fund		0.00
	Patent Application No		201641013093	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
Srno	Type of Patent Application Filed				National		Amount Spent towards Patent Filing (in Rupees)		

	Current Status (as of 31st March 2018)			Application Published		
69						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Graphene- Silver Nanocomposite Films for Temperature Sensor			Sponsorship / Grant Fund	0.00
	Patent Application No	201641012543	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
70						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Anisotropic Nano Structures on Surface of Titanium and Its Alloys and a Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641012303	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
71						
	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Mitigating Instability by Actuating the Swirler in a Combustor			Sponsorship / Grant Fund	0.00
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
					Total Amount Spent towards Patent Filing (in Rupees)	300000.00

	<table><tr><td>Patent Application No</td><td>PCT/IB2016/055940</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>International</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application Published</td></tr></table>	Patent Application No	PCT/IB2016/055940	Inventors Type	Student and Faculty	Type of Patent Application Filed			International	Current Status (as of 31st March 2018)			Application Published	<table><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>500000.00</td></tr></table>	Total Amount Spent towards Patent Filing (in Rupees)	500000.00												
Patent Application No	PCT/IB2016/055940	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			International																									
Current Status (as of 31st March 2018)			Application Published																									
Total Amount Spent towards Patent Filing (in Rupees)	500000.00																											
72	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">Design and Fabrication of Novel Monolithic Molded Transparent Nano-Structured Substrate for Use in Light Harvesting Optoelectronic Device and Method Thereof</td></tr><tr><td>Patent Application No</td><td>201641024404</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Financial Year	2016-17			Title of Patent	Design and Fabrication of Novel Monolithic Molded Transparent Nano-Structured Substrate for Use in Light Harvesting Optoelectronic Device and Method Thereof			Patent Application No	201641024404	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2016-17																											
Title of Patent	Design and Fabrication of Novel Monolithic Molded Transparent Nano-Structured Substrate for Use in Light Harvesting Optoelectronic Device and Method Thereof																											
Patent Application No	201641024404	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
73	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">Nanogels Methods and Devices Thereof for Managing Holtrichia Consanguinea</td></tr><tr><td>Patent Application No</td><td>201641024309</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr></table>	Financial Year	2016-17			Title of Patent	Nanogels Methods and Devices Thereof for Managing Holtrichia Consanguinea			Patent Application No	201641024309	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00				
Financial Year	2016-17																											
Title of Patent	Nanogels Methods and Devices Thereof for Managing Holtrichia Consanguinea																											
Patent Application No	201641024309	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
Srno	<table><tr><td colspan="3">Basic Details</td><td rowspan="2">Application under</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td></tr></table>	Basic Details			Application under	Current Status (as of 31st March 2018)			Amount Spent towards Patent Filing (in Rupees)																			
Basic Details			Application under																									
Current Status (as of 31st March 2018)																												

				Examination		
74						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Method and Apparatus for Joint Adaptation of Two-OR Multi-Dimensional Equalizer and Partial Response Target			Sponsorship / Grant Fund	0.00
	Patent Application No	201641024048	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
75						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Encryption and Decryption of Messages			Sponsorship / Grant Fund	0.00
	Patent Application No	201641023730	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
76	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Layered Silicon Rubber Carbon Nano Composites for Electromagnetic Shielding			Sponsorship / Grant Fund	0.00
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
					Total Amount Spent towards Patent Filing (in Rupees)	100000.00

	<table><tr><td>Patent Application No</td><td>201641023148</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Patent Application No	201641023148	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Total Amount Spent towards Patent Filing (in Rupees)	100000.00												
Patent Application No	201641023148	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
77	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">Active Walking and Measuring Gait Intention from Waist</td></tr><tr><td>Patent Application No</td><td>201641025258</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Financial Year	2016-17			Title of Patent	Active Walking and Measuring Gait Intention from Waist			Patent Application No	201641025258	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2016-17																											
Title of Patent	Active Walking and Measuring Gait Intention from Waist																											
Patent Application No	201641025258	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
78	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">Exchange Gas Conductivity Based Temperature Control System</td></tr><tr><td>Patent Application No</td><td>201641025113</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Financial Year	2016-17			Title of Patent	Exchange Gas Conductivity Based Temperature Control System			Patent Application No	201641025113	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2016-17																											
Title of Patent	Exchange Gas Conductivity Based Temperature Control System																											
Patent Application No	201641025113	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
Srno	Basic Details			Amount Spent towards Patent Filing (in Rupees)																								

79	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Eigen Augmentation Methods for Electromagnetic Modelling and Simulation			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/050295	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed	International				
	Current Status (as of 31st March 2018)	Application under Examination				
80	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Electromagnetic Modelling and Simulation			Sponsorship / Grant Fund	0.00
	Patent Application No	201641024555	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
81	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Self Assembled Nanowires on Structured Substrates and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641033963	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details	Type of Patent Application Filed			Amount Spent towards Patent Filing (in Rupees)	
		National				

	Current Status (as of 31st March 2018)			Application under Examination		
82						
	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Chimeric Plant Based Virus like Particles and Uses Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2016/050316	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
83						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Graphene Oxide Platinum Nanocomposite for Sensor Application			Sponsorship / Grant Fund	0.00
	Patent Application No	201641031595	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
84						
	Financial Year	2016-17			Institution Own Fund	100000.00
Srno	Title of Patent	Multidimensional Fluid Focusing Device			Sponsorship / Grant Fund	0.00
	Basic Details				Amount Spent towards Patent Filing (in Rupees)	0.00

	Patent Application No	201641031489	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
85	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Device for Neonatal Monitoring			Sponsorship / Grant Fund	0.00
	Patent Application No	201641030793	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
86	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	A Microscope Mountable Fluid Shear Device			Sponsorship / Grant Fund	0.00
	Patent Application No	201641029893	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
87	Financial Year	2016-17			Institution Own Fund	100000.00
Srno	Patent Title				Total Amount Spent towards Patent Filing (in Rupees)	100000.00

	Title of Patent	Alluminium Based Alloys for High Temperature Application and Method of Producing Such Alloys			Sponsorship / Grant Fund	0.00	
	Patent Application No	15/118670	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application Published			
88	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	A Parallel Plate Capacitive Sensing Device with High Sensitivity Brought by Simultaneous Change in Gap and Area				Sponsorship / Grant Fund	0.00
	Patent Application No	201641026543	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
89	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	Dual Fin SCR ESD Protection Device				Sponsorship / Grant Fund	0.00
	Patent Application No	201741003771	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
Srno	Type of Patent Application Filed			National	Amount Spent towards Patent Filing (in Rupees)		
Basic Details							

	Current Status (as of 31st March 2018)			Application under Examination		
90						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Low Trigger and Holding Voltage SCR for Non-Planar Technologies			Sponsorship / Grant Fund	0.00
	Patent Application No	201741003772	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
91						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Non-Planar Esd Protection Devices with Nano Heat Sinks			Sponsorship / Grant Fund	0.00
	Patent Application No	201741003773	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
92						
	Financial Year	2016-17			Institution Own Fund	10000.00
	Title of Patent	Molecular Semiconductors for Singlet Fission			Sponsorship / Grant Fund	0.00
Srno	Basic Details Patent Application	201741002904	Inventors	Student and Faculty	Amount Spent towards Patent Filing (in Rupees)	
					Total Amount Spent towards Patent	10000.00

	No		Type		Filing (in Rupees)	
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
93	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Colorimetric Biosensor for Rapid Detection of Pathogenic Microorganisms and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641044659	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
94	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Low Power Electrostatic Discharge Protection Device			Sponsorship / Grant Fund	0.00
	Patent Application No	201641044189	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

95	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Platform of Large Metal Nitride Island with Lateral Orientation and Low Defect Density			Sponsorship / Grant Fund	0.00
	Patent Application No	EP16206015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
96	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Zinc-Air Battery and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641042808	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
97	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Multi Layer Planar Inductor Based Proximity Sensor and Associated Electronics Operating Down to Liquid He Temperature			Sponsorship / Grant Fund	0.00
	Patent Application No	201641042684	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	No Basic Details				Amount Spent towards Patent Filing (in Rupees)	

	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
98							
	Financial Year	2016-17			Institution Own Fund	100000.00	
	Title of Patent	Mapping Protein Binding Sites and Conformational Epitopes Using Cysteine Labelling and Surface Display Library			Sponsorship / Grant Fund	0.00	
	Patent Application No	201641042053	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
99							
	Financial Year	2016-17			Institution Own Fund	100000.00	
	Title of Patent	Sensors Based on Crumpled Sheets of Reduced Graphene Oxide			Sponsorship / Grant Fund	0.00	
	Patent Application No	201641037892	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
100							
Srno	Financial Year	2016-17			Institution Own Fund	100000.00	
	Basic Details				Amount Spent towards Patent Filing (in Rupees)		

	Title of Patent	A Gate Driver for Synchronous Buck Converter with Normally on Semiconductor Switches			Sponsorship / Grant Fund	0.00
	Patent Application No	201641041580	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
101	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	A Method of Quantitative Determination of Glycated Hemoglobin Using Biosensor and Composition Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201641041349	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
102	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Metal Catalysts and Process for the Preparation of Catalysts Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2016/050432	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
Srno	Type of Patent Application Filed			International	Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application Published		
103	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	A Method of Residue Proximity Information and Protein Model Discrimination Using Saturation Suppressor Mutagenesis			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2016/050413	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
104	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Platform of Large Metal Nitride Island with Lateral Orientation and Low Defect Density			Sponsorship / Grant Fund	0.00
	Patent Application No	15/462294	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
105	Financial Year	2016-17			Institution Own Fund	100000.00
Srno	Basic Details Title of Patent	Interactive Gaze Controlled Projected Display			Amount Spent towards Patent Filing (in Rupees) Sponsorship / Grant Fund	0.00

	<table><tr><td>Patent Application No</td><td>201641037828</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Patent Application No	201641037828	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Total Amount Spent towards Patent Filing (in Rupees)	100000.00												
Patent Application No	201641037828	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
106	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">A DC-DC Hybrid Converter with Gallium Nitride and Silicon Transistors</td></tr><tr><td>Patent Application No</td><td>201641035195</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Financial Year	2016-17			Title of Patent	A DC-DC Hybrid Converter with Gallium Nitride and Silicon Transistors			Patent Application No	201641035195	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2016-17																											
Title of Patent	A DC-DC Hybrid Converter with Gallium Nitride and Silicon Transistors																											
Patent Application No	201641035195	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
107	<table><tr><td>Financial Year</td><td colspan="3">2016-17</td></tr><tr><td>Title of Patent</td><td colspan="3">Device to Facilitate Easy Movement of Passenger and Luggage</td></tr><tr><td>Patent Application No</td><td>201641035019</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>	Financial Year	2016-17			Title of Patent	Device to Facilitate Easy Movement of Passenger and Luggage			Patent Application No	201641035019	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2016-17																											
Title of Patent	Device to Facilitate Easy Movement of Passenger and Luggage																											
Patent Application No	201641035019	Inventors Type	Student and Faculty																									
Type of Patent Application Filed			National																									
Current Status (as of 31st March 2018)			Application under Examination																									
Institution Own Fund	100000.00																											
Sponsorship / Grant Fund	0.00																											
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																											
Srno	Basic Details			Amount Spent towards Patent Filing (in Rupees)																								

108						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	A Compliant Mechanism for Simulating Endoscopy			Sponsorship / Grant Fund	0.00
	Patent Application No	201741003733	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
109						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Read Solomon Decoders and Decoding Methods			Sponsorship / Grant Fund	0.00
	Patent Application No	201641025928	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
110						
	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Device and Method for Detection of Haemoglobin and Its Complexes			Sponsorship / Grant Fund	0.00
	Patent Application No	201747011020	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Type of Patent Application Filed			National	Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application under Examination		
111	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Device and Method for Non-Enzymatic and Electrochemical Detection of Glucose Bioanalyte			Sponsorship / Grant Fund	0.00
	Patent Application No	201747010942	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
112	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Electrochemical Biosensor and a Method of Sensing Albumin and Its Complexes			Sponsorship / Grant Fund	0.00
	Patent Application No	201747010652	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
113	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	MEMS Speaker			Sponsorship / Grant Fund	0.00
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

	Patent Application No	201741010624	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
114	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	System and Method for Producing Hydrogen Rich Syngas for Hydrogen Generation			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/050105	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application Published		
115	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Platform of Large Metal Nitride Island with Lateral Orientation and Low Defect Density			Sponsorship / Grant Fund	0.00
	Patent Application No	2016-217393	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
116						

116	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Method of Manufacturing Composite Solid Propellant Grains			Sponsorship / Grant Fund	0.00
	Patent Application No	201741008929	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
117	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	System and Method for Coupling Light into a Slot Waveguide			Sponsorship / Grant Fund	0.00
	Patent Application No	201741007981	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
118	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Reduced Graphene Oxide Nanosheets Based Strain Sensor for Pressure Transducers an Method Therefore			Sponsorship / Grant Fund	0.00
	Patent Application No	201741007404	Inventors Type	Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Patent Application No		Inventors Type		Amount Spent towards Patent Filing (in Rupees)	

	NO					
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
119						
	Financial Year	2016-17				
	Title of Patent	Electrostatic Discharge (ESD) Protection Devices for ESD Robustness and Latch-Up Immunity				
	Patent Application No	201741006745	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
120						
	Financial Year	2016-17				
	Title of Patent	Finfet SCR with SCR Implant Under Anode and Cathode Junctions				
	Patent Application No	201741006746	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
121						
	Financial Year	2016-17				
	Amount Spent towards Patent Filing (in Rupees)					100000.00
	Institution Own Fund					100000.00
	Sponsorship / Grant Fund					0.00

	Title of Patent		Drain Extended Tunnel Field Effect Transistor		Sponsorship / Grant Fund		0.00		
	Patent Application No		15/439951	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
122	Financial Year	2016-17				Institution Own Fund		100000.00	
	Title of Patent	Reduced Graphene Oxide Nanomaterial Coated Cotton Fabric as a Heating Device and a Method Thereof					Sponsorship / Grant Fund		0.00
	Patent Application No	201741004725	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		100000.00	
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
123	Financial Year	2016-17				Institution Own Fund		300000.00	
	Title of Patent	Patient Specific Near-Net Shaped Uniaxially Pressed Ceramic Femoral Head and Acetabular Socket and Fabrication Method Thereof					Sponsorship / Grant Fund		0.00
	Patent Application No	PCT/IB2017/050590	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		300000.00	
Srno	Basic Details	Patent Application No	Inventors Type			Amount Spent towards Patent Filing (in Rupees)			

	Type of Patent Application Filed			International	
	Current Status (as of 31st March 2018)			Application under Examination	
124					
	Financial Year	2017-18			
	Title of Patent	A Compliant Mechanism for Simulating Endoscopy			
	Patent Application No	PCT/IB2018/050598	Inventors Type	Student and Faculty	
	Type of Patent Application Filed			National	
	Current Status (as of 31st March 2018)			Application under Examination	
125					
	Financial Year	2017-18			
	Title of Patent	Microfluidic Devices			
	Patent Application No	201841012166	Inventors Type	Student and Faculty	
	Type of Patent Application Filed			National	
	Current Status (as of 31st March 2018)			Application under Examination	
126					
	Financial Year	2017-18			

	Title of Patent	Superconducting Nanocrystal Structure			Sponsorship / Grant Fund	0.00	
	Patent Application No	201841008648	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
127	Financial Year	2017-18				Institution Own Fund	300000.00
	Title of Patent	Waveguide Taper for Coupling Waveguides of Optical Elements				Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/051507	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent Application Filed			International			
	Current Status (as of 31st March 2018)			Application under Examination			
128	Financial Year	2017-18				Institution Own Fund	300000.00
	Title of Patent	System and Method for Coupling Light into a Slot Waveguide				Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/051459	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent Application Filed			International			
	Current Status (as of 31st March 2018)			Application under Examination			
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)		

129	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Method of Manufacturing Composite Solid Propellant Grains			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/051418	Inventors Type	Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
130	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Actuator Material and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201841007835	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
131	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Alti-Tubercular Composition Combinatorial Implementations Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201841007013	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details	Type of Patent Application Filed			Amount Spent towards Patent Filing (in Rupees)	
		National				

	Current Status (as of 31st March 2018)			Application under Examination																											
132	<table><tr><td>Financial Year</td><td colspan="3">2017-18</td></tr><tr><td>Title of Patent</td><td colspan="3">A method for joining sheets using single material self pierce rivet</td></tr><tr><td>Patent Application No</td><td>201841006800</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>				Financial Year	2017-18			Title of Patent	A method for joining sheets using single material self pierce rivet			Patent Application No	201841006800	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2017-18																														
Title of Patent	A method for joining sheets using single material self pierce rivet																														
Patent Application No	201841006800	Inventors Type	Student and Faculty																												
Type of Patent Application Filed			National																												
Current Status (as of 31st March 2018)			Application under Examination																												
Institution Own Fund	100000.00																														
Sponsorship / Grant Fund	0.00																														
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																														
133	<table><tr><td>Financial Year</td><td colspan="3">2017-18</td></tr><tr><td>Title of Patent</td><td colspan="3">A Rivet for Joining Workpieces</td></tr><tr><td>Patent Application No</td><td>201841006806</td><td>Inventors Type</td><td>Student and Faculty</td></tr><tr><td colspan="3">Type of Patent Application Filed</td><td>National</td></tr><tr><td colspan="3">Current Status (as of 31st March 2018)</td><td>Application under Examination</td></tr></table>				Financial Year	2017-18			Title of Patent	A Rivet for Joining Workpieces			Patent Application No	201841006806	Inventors Type	Student and Faculty	Type of Patent Application Filed			National	Current Status (as of 31st March 2018)			Application under Examination	<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Total Amount Spent towards Patent Filing (in Rupees)</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00	Sponsorship / Grant Fund	0.00	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Financial Year	2017-18																														
Title of Patent	A Rivet for Joining Workpieces																														
Patent Application No	201841006806	Inventors Type	Student and Faculty																												
Type of Patent Application Filed			National																												
Current Status (as of 31st March 2018)			Application under Examination																												
Institution Own Fund	100000.00																														
Sponsorship / Grant Fund	0.00																														
Total Amount Spent towards Patent Filing (in Rupees)	100000.00																														
134	<table><tr><td>Financial Year</td><td colspan="3">2017-18</td></tr><tr><td>Title of Patent</td><td colspan="3">A Portable System for Refrigeration</td></tr></table>				Financial Year	2017-18			Title of Patent	A Portable System for Refrigeration			<table><tr><td>Institution Own Fund</td><td>100000.00</td></tr></table>	Institution Own Fund	100000.00																
Financial Year	2017-18																														
Title of Patent	A Portable System for Refrigeration																														
Institution Own Fund	100000.00																														
Srno	<table><tr><td>Title of Patent</td><td colspan="3">A Portable System for Refrigeration</td></tr></table>				Title of Patent	A Portable System for Refrigeration			<table><tr><td>Sponsorship / Grant Fund</td><td>0.00</td></tr><tr><td>Amount Spent towards Patent Filing (in Rupees)</td><td></td></tr></table>	Sponsorship / Grant Fund	0.00	Amount Spent towards Patent Filing (in Rupees)																			
Title of Patent	A Portable System for Refrigeration																														
Sponsorship / Grant Fund	0.00																														
Amount Spent towards Patent Filing (in Rupees)																															

	Patent Application No	201841006081	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
135	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Mitigating Instability by Actuating the Swirler in a Combustor			Sponsorship / Grant Fund	0.00
	Patent Application No	15/753117	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
136	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Reduced Graphene Oxide Nanomaterial Coated Cotton Fabric as a Heating Device and a Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/050721	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
Srno	Basic Details			Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rupees)	
				Application under		

				Examination		
137						
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Hepatitis C Epitopes and Monoclonal Antibodies			Sponsorship / Grant Fund	0.00
	Patent Application No	201741002367	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
138						
	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Nanogels Methods and Devices Thereof for Managing Holtrichia Consanguinea			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/05290	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
139						
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Wick Structure for a Heat Transfer Device			Sponsorship / Grant Fund	0.00
Srno	Patent Application No	201741025170	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00

	Type of Patent Application Filed			National	
	Current Status (as of 31st March 2018)			Application under Examination	
140	Financial Year	2017-18			
	Title of Patent	ESD Robust Tunnel FET			
	Patent Application No	201741025123	Inventors Type	Student and Faculty	
	Type of Patent Application Filed			National	
	Current Status (as of 31st March 2018)			Application under Examination	
141	Financial Year	2017-18			
	Title of Patent	Method and Apparatus for Joint Adaptation of Two- OR Multi-Dimensional Equalizer and Partial Response Target			
	Patent Application No	2017-138388	Inventors Type	Student and Faculty	
	Type of Patent Application Filed			National	
	Current Status (as of 31st March 2018)			Application under Examination	
Srno 142	Basic Details		Amount Spent towards Patent Filing (in Rupees)		
	Financial Year	2017-18		Institution Own Fund	100000.00
			Sponsorship / Grant Fund	0.00	
			Total Amount Spent towards Patent Filing (in Rupees)	100000.00	

	Financial Year		2017-18		Institution Own Fund	100000.00
	Title of Patent		Recess Gate Superjunction HEMT			
	Patent Application No	201741024695	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
143	Financial Year		2017-18		Institution Own Fund	100000.00
	Title of Patent		Compound Pore Metal Foam Using Specialized Dies			
	Patent Application No	201741024393	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
144	Financial Year		2017-18		Institution Own Fund	100000.00
	Title of Patent		Encryption and Decryption of Messages			
	Patent Application No	PCT/IN2017/050289	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details			Amount Spent towards Patent Filing (in Rupees)		

145	Financial Year		2017-18			Institution Own Fund		100000.00	
	Title of Patent		A Buried Channel Normally-Off Gan High Electron Mobility Transistor (HEMT) with Resurf Junction			Sponsorship / Grant Fund		0.00	
	Patent Application No		201741024073	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		100000.00
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
146	Financial Year		2017-18			Institution Own Fund		300000.00	
	Title of Patent		Reduced Graphene Oxide-Silver Nanocomposite Films for Temperature Sensor Application			Sponsorship / Grant Fund		0.00	
	Patent Application No		PCT/IB2017/052017	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)		300000.00
	Type of Patent Application Filed				International				
	Current Status (as of 31st March 2018)				Application under Examination				
147	Financial Year		2017-18			Institution Own Fund		100000.00	
	Title of Patent		A Micro-Scale Actuator			Sponsorship / Grant Fund		0.00	
Srno	Basic Details Patent Application		201741020853	Inventors	Student and Faculty		Amount Spent towards Patent Filing (in Rupees)		100000.00

	No		Type		Filing (in Rupees)	
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
148	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Hybrid Injector Assembly			Sponsorship / Grant Fund	0.00
	Patent Application No	201741020629	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
149	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Method and Device for Rapid Detection of Hearnpv			Sponsorship / Grant Fund	0.00
	Patent Application No	201741019790	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
150 Srno	Financial Year	2017-18			Institution Own Fund	100000.00
	Basic Details			Amount Spent towards Patent Filing (in Rupees)		

	Title of Patent		Asymmetric Dual Gate Programmable Thermionic Tunnel Field Effect Tansistor		Sponsorship / Grant Fund		0.00		
	Patent Application No		201741018661	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
151	Financial Year		2017-18				Institution Own Fund		100000.00
	Title of Patent		Automated Fundus Image Processing Techniques for Glaucoma Prescreening				Sponsorship / Grant Fund		0.00
	Patent Application No		201741017981	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
152	Financial Year		2017-18				Institution Own Fund		100000.00
	Title of Patent		Methods and System for Tracking Global Maximum Power Point(MPP) in a Solar Panel Array				Sponsorship / Grant Fund		0.00
	Patent Application No		201741017865	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Application Filed				National				
	Current Status (as of 31st March 2018)				Application under Examination				
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)				
	Current Status (as of 31st March 2018)				Application under Examination				

	Current Status (as of 31st March 2018)			Application under Examination			
153							
	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	Detection of Powerlines in UAV Based Remote Sensed Images Using Extreme Learning Machines - Segmentation (ELM-Seg)				Sponsorship / Grant Fund	0.00
	Patent Application No	201741016869	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
154							
	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	A Reusable Charge-Transfer Based Agrogel				Sponsorship / Grant Fund	0.00
	Patent Application No	201741016464	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application Published			
155							
	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	Controlling Electrical Devices				Sponsorship / Grant Fund	0.00
Srno	Basic Details	Patent Application	201741016231	Inventors	Student and Faculty	Amount Spent towards Patent Filing (in Rupees)	
						100000.00	

	No		Type		Filing (in Rupees)	
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
156	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Microfluidic Cell-Tweezers Using Tunable Air-Liquid or Liquid-Liquid Interfaces			Sponsorship / Grant Fund	0.00
	Patent Application No	201741016235	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
157	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Device for Measuring Rheological Properties Of Granular Materials			Sponsorship / Grant Fund	0.00
	Patent Application No	201741015499	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

158	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Semiconductor Nanocrystals			Sponsorship / Grant Fund	0.00
	Patent Application No	201741015228	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
159	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	In Situ Polymerisable Binder System for Three Dimensional Power Printing and Process Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	201741014912	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
160	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Novel Inhibitors of Antiapoptotic Bcl-2 Protein			Sponsorship / Grant Fund	0.00
	Patent Application No	201641014968	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)				Application Published			
161								
	Financial Year	2017-18					Institution Own Fund	300000.00
	Title of Patent	A Method and a System for Generation of High Performance Precipitated Silica from Rice Husk Ash					Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/000082	Inventors Type	Student and Faculty			Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed				International			
	Current Status (as of 31st March 2018)				Application Published			
162								
	Financial Year	2017-18					Institution Own Fund	100000.00
	Title of Patent	Waveguide Taper for Coupling Waveguides of Optical Elements					Sponsorship / Grant Fund	0.00
	Patent Application No	201741012488	Inventors Type	Student and Faculty			Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National			
	Current Status (as of 31st March 2018)				Application under Examination			
163								
	Financial Year	2017-18					Institution Own Fund	100000.00
	Title of Patent	Method and Device for Tracking Eye Movement of a Subject					Sponsorship / Grant Fund	0.00
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)			
	Patent Application No	201841000016	Inventors Type	Student and Faculty			Total Amount Spent towards Patent Filing (in Rupees)	100000.00

	Patent Application No	201841002316	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
164	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	CMOS Wideband RF Amplifier with Gain Roll-Off Compensation for External Parasitics			Sponsorship / Grant Fund	0.00
	Patent Application No	15/744155	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
165	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Portable Electro-Machenodisgnostics System			Sponsorship / Grant Fund	0.00
	Patent Application No	201741047106	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
166	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
	Financial Year	2017-18			Institution Own Fund	500000.00

	Title of Patent	Low Power Electrostatic Discharge Protection Device			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2017/058334	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
167	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Laser Based System for Studying Adsorption Kinetics of Adsorbent and Adsorbate Pair			Sponsorship / Grant Fund	0.00
	Patent Application No	201741045155	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
168	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Compliant Hinge Mechanism			Sponsorship / Grant Fund	0.00
	Patent Application No	201741045002	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
Srno	Current Status (as of 31st March 2018)			Application under Examination	Amount Spent towards Patent Filing (in Rupees)	

169	Financial Year		2017-18			
	Title of Patent		Microstructured Electrodes and Method Thereof			
	Patent Application No	201741045044	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
170	Financial Year		2017-18			
	Title of Patent		Switched Reluctance Device			
	Patent Application No	201741044551	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
171	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Mapping Protein Binding Sites and Conformational Epitopes Using Cysteine Labelling and Surface Display Library			Sponsorship / Grant Fund	0.00
					Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Patent Details	PCT/IN2017/050581	Inventors Type	Student and Faculty	Amount Spent towards Patent Filing (in Rupees)	

	Application No		Type			
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
172	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Micro-Scale Ball-and-Socket Joint			Sponsorship / Grant Fund	0.00
	Patent Application No	201741039295	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
173	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Reconfigurable Power Conversion System And a Method For Enhanced Utilization of Renewable Energy			Sponsorship / Grant Fund	0.00
	Patent Application No	201741041942	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

174	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Device and Method for Detecting Creatinine and Albumin to Creatinine Ratio			Sponsorship / Grant Fund	0.00
	Patent Application No	201747041403	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
175	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Kit for Specific Detection for SLNPV			Sponsorship / Grant Fund	0.00
	Patent Application No	201741040904	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
176	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Clinical Sample Storage Cassettes			Sponsorship / Grant Fund	0.00
	Patent Application No	201741040468	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
Srno	Basic Details	Type of Patent Application Filed			Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application under Examination		
177						
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Method and System for Facilitating Gait Analysis			Sponsorship / Grant Fund	0.00
	Patent Application No	201741040407	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
178						
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Dendritic Cells-Targetting Vaccine			Sponsorship / Grant Fund	0.00
	Patent Application No	201741038286	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
179						
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	MEMS Intergrated Ultra-Low Power Nano-Wire Gas Sensor			Sponsorship / Grant Fund	0.00
Srno	Patent Application No	201741036760	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00

	Type of Patent Application Filed				National		
	Current Status (as of 31st March 2018)				Application under Examination		
180							
	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	Ultra-low power Gas MEMS Nano Sensor Array				Sponsorship / Grant Fund	0.00
	Patent Application No	201741036034	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National		
	Current Status (as of 31st March 2018)				Application under Examination		
181							
	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	A memory device comprising Aluminium oxide phosphate tunable traps				Sponsorship / Grant Fund	0.00
	Patent Application No	201741035172	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed				National		
	Current Status (as of 31st March 2018)				Application under Examination		
182							
	Financial Year	2017-18				Total Amount Spent towards Patent Filing (in Rupees)	

	Title of Patent	Wearable Laser Pointer for Automotive User Interface			Sponsorship / Grant Fund	0.00
	Patent Application No	201741035044	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
183	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Wearable Laser Pointer for Automotive User Interface			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/057680	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
184	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Multidimensional Fluid Focusing Device			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/050399	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

185	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Area Specific Metallic Foams by Friction Stir Processing			Sponsorship / Grant Fund	0.00
	Patent Application No	201741022351	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	National				
	Current Status (as of 31st March 2018)	Application under Examination				
186	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Device for Neonatal Monitoring			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2017/055265	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed	International				
	Current Status (as of 31st March 2018)	Application under Examination				
187	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Selective Manipulation and Positioning of Colloidal Particles by Magnetic-Plasmonic Hybrid Device with Spatial Control			Sponsorship / Grant Fund	0.00
	Patent	201741031139	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Application Basic Details				Amount Spent towards Patent Filing (in Rupees)	

	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
188	Financial Year	2017-18				
	Title of Patent	Hardware Accelerator for Alignment of Short Reads in Sequencing Platforms				
	Patent Application No	15/554592	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
189	Financial Year	2017-18				
	Title of Patent	A Method and Apparatus for Interpolative Timing Recovery for Two-Dimensional Magnetic Recording Systems				
	Patent Application No	201741029846	Inventors Type	Student and Faculty		
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	
	Financial Year	2017-18			Institution Own Fund	100000.00

	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Reduced Switch Count Active Phase Converter with Reduced Component Ratings			Sponsorship / Grant Fund	0.00
	Patent Application No	201741028910	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
191	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A DC-DC Hybrid Converter with Gallium Nitride and Silicon Transistors			Sponsorship / Grant Fund	0.00
	Patent Application No	EP17184920	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
192	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A DC-DC Hybrid Converter with Gallium Nitride and Silicon Transistors			Sponsorship / Grant Fund	0.00
	Patent Application No	15/668907	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details			Type of Patent Application Filed	Amount Spent towards Patent Filing (in Rupees)	

	Current Status (as of 31st March 2018)			Application under Examination		
193	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Gate Driver with Bipolar Bootstrap Capability			Sponsorship / Grant Fund	0.00
	Patent Application No	201741027819	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
194	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Gate Driver Circuit for Power Converters Incorporating Normally On Transistors and Method Thereof			Sponsorship / Grant Fund	0.00
	Patent Application No	15/669421	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application under Examination		
195	Financial Year	2017-18			Institution Own Fund	100000.00
Srno	Title of Basic Details Patent	Gate Driver Circuit for Power Converters Incorporating Normally On Transistors and Method Thereof			Sponsorship / Grant Fund Amount Spent towards Patent Filing (in Rupees)	0.00

						Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	2017-151786	Inventors Type	Student and Faculty			
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
196	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	Gate Driver Circuit for Power Converters Incorporating Normally On Transistors and Method Thereof				Sponsorship / Grant Fund	0.00
	Patent Application No	EP17184982	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National			
	Current Status (as of 31st March 2018)			Application under Examination			
197	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	Method and Apparatus for Joint Adaptation of Two-OR Multi-Dimensional Equalizer and Partial Response Target				Sponsorship / Grant Fund	0.00
	Patent Application No	15/648985	Inventors Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National			
Srno	Basic Details					Amount Spent towards Patent Filing (in Rupees)	
	Current Status (as of 31st March 2018)			Patent Granted			

	Current Status (as of 31st March 2018)			Patent Granted		
198	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Read Solomon Decoders and Decoding Methods			Sponsorship / Grant Fund	0.00
	Patent Application No	15/660940	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Application Published		
199	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Solar Panel Assembly			Sponsorship / Grant Fund	0.00
	Patent Application No	201741007845	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			National		
	Current Status (as of 31st March 2018)			Patent Granted		
200	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	A Variable Torque Hinge Mechanism			Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/060102	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed			International		
	Current Status (as of 31st March 2018)			Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in Rupees)	

Innovations Commercialized and IP Licensed

[Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details								
1	Financial Year		2015-16				Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
	Name of the Innovative Technology Commercialized/Transferred		A Harvesting Machine						
	Patent No	NA	Type of Patent	National	Year of Patent Issued	2015	Institute Own/Internal Fund (in Rupees)		0.00
							Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Conversion into Start-up				
	Name of Agency / Org / Industry / Start-up Adopted Technology				Sickle Innovations				
							Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
							Patent Licensing and Royalty		2950000.00
							Technology Transfer/Turnkey Project		0.00
						Total Revenue Generated (As of 31st March 2018)		2950000.00	
Srno	Basic Details								
2	Financial Year		2015-16				Total Amount Spent towards Patent Maintenance &		

	Financial Year			2015-16			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)	
	Name of the Innovative Technology Commercialized/Transferred			Microfluidic Device			Institute Own/Internal Fund (in Rupees)	0.00
	Patent No	3020/CHE/2014	Type of Patent	National	Year of Patent Issued	2015	Sponsorship / Grant Fund	0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00
	Conversion of Patent / Innovative Technologies to Commercialization							
	Mode of Commercialization				Licensing to Industry			
	Name of Agency / Org / Industry / Start-up Adopted Technology				Pratimesh Labs Pvt Ltd			
3	Financial Year			2015-16			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)	
	Name of the Innovative Technology Commercialized/Transferred			Novel Technique for Hypersonic Drag Control Using Heat Addition in the Shock Layer			Institute Own/Internal Fund (in Rupees)	0.00
	Patent No	1583/CHE/2007	Type of Patent	National	Year of Patent Issued	2015	Sponsorship / Grant Fund	0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00
Srno	Conversion of Patent / Innovative Technologies to Commercialization							
	Basic Details							

	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)						
	Name of Agency / Org / Industry / Start-up Adopted Technology				Superwave Technologies		Patent Licensing and Royalty		62889.00				
							Technology Transfer/Turnkey Project		0.00				
							Total Revenue Generated (As of 31st March 2018)		62889.00				
4	Financial Year			2015-16			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)						
	Name of the Innovative Technology Commercialized/Transferred			A device for extracting liquid sample and method thereof			Institute Own/Internal Fund (in Rupees)					0.00	
	Patent No	PCT/IN2010/00254	Type of Patent	International	Year of Patent Issued	2015	Sponsorship / Grant Fund					0.00	
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018					0.00	
	Conversion of Patent / Innovative Technologies to Commercialization												
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)						
	Name of Agency / Org / Industry / Start-up Adopted Technology				Superwave Technologies		Patent Licensing and Royalty					0.00	
							Technology Transfer/Turnkey Project					0.00	
							Total Revenue Generated (As of 31st March 2018)					0.00	
	Srno	Basic Details											

5	<table><tr><td colspan="3">Financial Year</td><td colspan="4">2015-16</td></tr><tr><td colspan="3">Name of the Innovative Technology Commercialized/Transferred</td><td colspan="4">Device for treatment of sample using shock waves and methods thereof</td></tr><tr><td>Patent No</td><td>454/CHE/2005</td><td>Type of Patent</td><td>National</td><td>Year of Patent Issued</td><td colspan="2">2015</td></tr></table>							Financial Year			2015-16				Name of the Innovative Technology Commercialized/Transferred			Device for treatment of sample using shock waves and methods thereof				Patent No	454/CHE/2005	Type of Patent	National	Year of Patent Issued	2015		<table><tr><td colspan="3">Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)</td></tr><tr><td>Institute Own/Internal Fund (in Rupees)</td><td colspan="2">0.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td colspan="2">0.00</td></tr><tr><td>Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018</td><td colspan="2">0.00</td></tr></table>			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)			Institute Own/Internal Fund (in Rupees)	0.00		Sponsorship / Grant Fund	0.00		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
	Financial Year			2015-16																																							
	Name of the Innovative Technology Commercialized/Transferred			Device for treatment of sample using shock waves and methods thereof																																							
	Patent No	454/CHE/2005	Type of Patent	National	Year of Patent Issued	2015																																					
	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)																																										
	Institute Own/Internal Fund (in Rupees)	0.00																																									
	Sponsorship / Grant Fund	0.00																																									
	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00																																									
	<table><tr><td colspan="7">Conversion of Patent / Innovative Technologies to Commercialization</td></tr><tr><td colspan="4">Mode of Commercialization</td><td colspan="3">Licensing to Industry</td></tr><tr><td colspan="4">Name of Agency / Org / Industry / Start-up Adopted Technology</td><td colspan="3">Superwave Technologies</td></tr></table>							Conversion of Patent / Innovative Technologies to Commercialization							Mode of Commercialization				Licensing to Industry			Name of Agency / Org / Industry / Start-up Adopted Technology				Superwave Technologies			<table><tr><td colspan="3">Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)</td></tr><tr><td>Patent Licensing and Royalty</td><td colspan="2">0.00</td></tr><tr><td>Technology Transfer/Turnkey Project</td><td colspan="2">0.00</td></tr><tr><td>Total Revenue Generated (As of 31st March 2018)</td><td colspan="2">0.00</td></tr></table>			Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)			Patent Licensing and Royalty	0.00		Technology Transfer/Turnkey Project	0.00		Total Revenue Generated (As of 31st March 2018)	0.00	
	Conversion of Patent / Innovative Technologies to Commercialization																																										
Mode of Commercialization				Licensing to Industry																																							
Name of Agency / Org / Industry / Start-up Adopted Technology				Superwave Technologies																																							
Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)																																											
Patent Licensing and Royalty	0.00																																										
Technology Transfer/Turnkey Project	0.00																																										
Total Revenue Generated (As of 31st March 2018)	0.00																																										
6	<table><tr><td colspan="3">Financial Year</td><td colspan="4">2015-16</td></tr><tr><td colspan="3">Name of the Innovative Technology Commercialized/Transferred</td><td colspan="4">A device for simulating endoscopy and a system thereof</td></tr><tr><td>Patent No</td><td>PCT/1B2015/055251</td><td>Type of Patent</td><td>International</td><td>Year of Patent Issued</td><td colspan="2">2015</td></tr></table>							Financial Year			2015-16				Name of the Innovative Technology Commercialized/Transferred			A device for simulating endoscopy and a system thereof				Patent No	PCT/1B2015/055251	Type of Patent	International	Year of Patent Issued	2015		<table><tr><td colspan="3">Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)</td></tr><tr><td>Institute Own/Internal Fund (in Rupees)</td><td colspan="2">0.00</td></tr><tr><td>Sponsorship / Grant Fund</td><td colspan="2">0.00</td></tr><tr><td>Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018</td><td colspan="2">0.00</td></tr></table>			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)			Institute Own/Internal Fund (in Rupees)	0.00		Sponsorship / Grant Fund	0.00		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
	Financial Year			2015-16																																							
	Name of the Innovative Technology Commercialized/Transferred			A device for simulating endoscopy and a system thereof																																							
	Patent No	PCT/1B2015/055251	Type of Patent	International	Year of Patent Issued	2015																																					
Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)																																											
Institute Own/Internal Fund (in Rupees)	0.00																																										
Sponsorship / Grant Fund	0.00																																										
Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00																																										
Srno	Basic Details							<table><tr><td colspan="3">Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018</td></tr><tr><td></td><td colspan="2">0.00</td></tr></table>			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018				0.00																												
Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018																																											
	0.00																																										

							March 2018	
	Conversion of Patent / Innovative Technologies to Commercialization						Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)	
	Mode of Commercialization				Licensing to Industry		Patent Licensing and Royalty	0.00
	Name of Agency / Org / Industry / Start-up Adopted Technology				Mimyk		Technology Transfer/Turnkey Project	0.00
						Total Revenue Generated (As of 31st March 2018)		0.00
7	Financial Year			2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)	
	Name of the Innovative Technology Commercialized/Transferred			Device and Method for Detection of Haemoglobin and Its Complexes			Institute Own/Internal Fund (in Rupees)	
	Patent No	PCT/IB2015/056832	Type of Patent	International	Year of Patent Issued	2016	Sponsorship / Grant Fund	0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	
	Conversion of Patent / Innovative Technologies to Commercialization						Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)	
	Mode of Commercialization			Licensing to Industry			Patent Licensing and Royalty	0.00
	Name of Agency / Org / Industry / Start-up Adopted Technology			PathShodh Healthcare Pvt Ltd			Technology Transfer/Turnkey Project	0.00
							Total Revenue Generated (As of 31st March 2018)	
Srno	Basic Details							

103/139

104/139

							Total Revenue Generated (As of 31st March 2018)		0.00	
11	Financial Year			2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)			
	Name of the Innovative Technology Commercialized/Transferred			DEVICE AND METHOD FOR OPTICAL DETECTION OF HUMAN ALBUMIN IN BIOLOGICAL SAMPLES			Institute Own/Internal Fund (in Rupees)		0.00	
	Patent No	201641035058	Type of Patent	National	Year of Patent Issued	2016	Sponsorship / Grant Fund		0.00	
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00	
	Conversion of Patent / Innovative Technologies to Commercialization									
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)			
	Name of Agency / Org / Industry / Start-up Adopted Technology				PathShodh Healthcare Pvt Ltd		Patent Licensing and Royalty		0.00	
							Technology Transfer/Turnkey Project		0.00	
							Total Revenue Generated (As of 31st March 2018)		0.00	
	12	Financial Year			2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
		Name of the Innovative Technology Commercialized/Transferred			DEVICE AND METHOD FOR OPTICAL DETECTION OF CREATININE IN BIOLOGICAL SAMPLES			Institute Own/Internal Fund (in Rupees)		0.00
						Sponsorship / Grant Fund		0.00		
Srno	Basic Details									
	Patent No	201741013828	Type of Patent	National	Year of Patent Issued	2016				

	Patent No	201741013028	Type of Patent	National	Year of Patent Issued	2018	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
	Name of Agency / Org / Industry / Start-up Adopted Technology				PathShodh Healthcare Pvt Ltd		Patent Licensing and Royalty		0.00
							Technology Transfer/Turnkey Project		0.00
							Total Revenue Generated (As of 31st March 2018)		0.00
13	Financial Year			2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
	Name of the Innovative Technology Commercialized/Transferred			Indegenous Ceramic Femoral Head development			Institute Own/Internal Fund (in Rupees)		0.00
	Patent No	PCT/IB2017/050590	Type of Patent	International	Year of Patent Issued	2017	Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
Srno	Name of Agency / Org / Industry / Start-up Adopted Technology				Antsceramics		Patent Licensing and Royalty		25000.00

107/139

	Patent No	NA	Type of Patent	National	Year of Patent Issued	2016	Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Conversion into Start-up				
	Name of Agency / Org / Industry / Start-up Adopted Technology				Open Water				
							Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
							Patent Licensing and Royalty		0.00
							Technology Transfer/Turnkey Project		0.00
							Total Revenue Generated (As of 31st March 2018)		0.00
16	Financial Year			2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
	Name of the Innovative Technology Commercialized/Transferred			Eigen Augmentation Methods for Electromagnetic Modelling and Simulation			Institute Own/Internal Fund (in Rupees)		0.00
	Patent No	PCT/IN2017/050295	Type of Patent	International	Year of Patent Issued	2016	Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
Srno	Basic Details								

109/139

	Commercialized/Transferred			Focusing Device		
	Patent No	PCT/IN2017/050399	Type of Patent	International	Year of Patent Issued	2017
	Conversion of Patent / Innovative Technologies to Commercialization					
	Mode of Commercialization			Conversion into Start-up		
	Name of Agency / Org / Industry / Start-up Adopted Technology			Jiva Sciences Pvt Ltd		
19	Financial Year			2017-18		
	Name of the Innovative Technology Commercialized/Transferred			Confidential		
	Patent No	NA	Type of Patent	National	Year of Patent Issued	2018
	Conversion of Patent / Innovative Technologies to Commercialization					
Srno	Basic Details			Mode of Commercialization		
				Licensing to		

2018	
Institute Own/Internal Fund (in Rupees)	0.00
Sponsorship / Grant Fund	0.00
Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00

Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)	
Patent Licensing and Royalty	600000.00
Technology Transfer/Turnkey Project	0.00
Total Revenue Generated (As of 31st March 2018)	600000.00

Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)	
Institute Own/Internal Fund (in Rupees)	0.00
Sponsorship / Grant Fund	0.00
Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00

111/139

21	Financial Year			2017-18			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
	Name of the Innovative Technology Commercialized/Transferred			H2S Scrubbing Technology			Institute Own/Internal Fund (in Rupees)		0.00
	Patent No	2979/CHE/2015	Type of Patent	National	Year of Patent Issued	2018	Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
	Conversion of Patent / Innovative Technologies to Commercialization								
	Mode of Commercialization				Licensing to Industry				
	Name of Agency / Org / Industry / Start-up Adopted Technology				M/s Praj Industries Ltd				
							Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)		
							Patent Licensing and Royalty		1923400.00
							Technology Transfer/Turnkey Project		0.00
						Total Revenue Generated (As of 31st March 2018)		1923400.00	
22	Financial Year			2017-18			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st March 2018)		
	Name of the Innovative Technology Commercialized/Transferred			Automated Fundus Image Processing Techniques for Glaucoma Prescreening			Institute Own/Internal Fund (in Rupees)		0.00
	Patent No	PCT/IB2018/053030	Type of Patent	International	Year of Patent Issued	2018	Sponsorship / Grant Fund		0.00
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018		0.00
Srno	Basic Details								

113/139

114/139

115/139

		Total Revenue Generated (As of 31st March 2018)	0.00
--	--	--	------

Awareness / Training / Programs Organized by Institute

[Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details			
1	Financial Year of Fund Generated	2015-16	Grant Agency Type	Non-Government
	Grant Agency Name	McAfee	Total Grant Period (in Years)	01.0
	Total Grant Allocated Amount (in Rupees)	4200000.00	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	4200000.00
	Purpose of Grant Utilization (Multiple options can be selected)	Seed Fund / Investment Support to Innovation/Startups	Purpose of Grant Utilization (Other)	
2	Financial Year of Fund Generated	2016-17	Grant Agency Type	Non-Government
	Grant Agency Name	Titan Pvt Ltd	Total Grant Period (in Years)	01.0
	Total Grant Allocated Amount (in Rupees)	5000000.00	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	5000000.00
	Purpose of Grant Utilization (Multiple options can be selected)	Seed Fund / Investment Support to Innovation/Startups	Purpose of Grant Utilization (Other)	
Srno	Basic Details			

3	Financial Year of Fund Generated	2017-18	Grant Agency Type	Government
	Grant Agency Name	Ministry of Human Resource Development	Total Grant Period (in Years)	02
	Total Grant Allocated Amount (in Rupees)	750000000.00	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	50000000.00
	Purpose of Grant Utilization (Multiple options can be selected)	Pre-Incubation & Incubation Facility/Infrastructure Creation, Training and Capacity Development on Innovation/Startup, Seed Fund / Investment Support to Innovation/Startups	Purpose of Grant Utilization (Other)	NA

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] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details			
1	Financial Year	2017-18		
	Investor Type	Angel Investment Fund		
	Amount Committed / Lined Up (in Rupees)	23898750.00	Total Amount Invested	23898750.00
	Total Number of Successful Investments in Ideas / Innovation / Start-ups			1

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] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details		Revenue Generated from Incubation	
1	Financial Year of Revenue Generated	2015-16	From Rental/Advisory/Training Services (in Rupees)	185765.00
	Name of the Startup	SuperWave Technology Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	185765.00
2	Financial Year of Revenue Generated	2015-16	From Rental/Advisory/Training Services (in Rupees)	178620.00
	Name of the Startup	PathShodh Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	178620.00
3	Financial Year of Revenue Generated	2015-16	From Rental/Advisory/Training Services (in Rupees)	68700.00
	Name of the Startup	Equine Biotech	Equity/Share Percentage (%) in Startup	8
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	68700.00
4	Financial Year of Revenue Generated	2016-17	From Rental/Advisory/Training Services (in Rupees)	186576.00

	Generated			
	Name of the Startup	SuperWave Technology Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	186576.00
5	Financial Year of Revenue Generated	2016-17	From Rental/Advisory/Training Services (in Rupees)	358800.00
	Name of the Startup	PathShodh Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	358800.00
6	Financial Year of Revenue Generated	2017-18	From Rental/Advisory/Training Services (in Rupees)	140000.00
	Name of the Startup	SuperWave Technology Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	140000.00
7	Financial Year of Revenue Generated	2017-18	From Rental/Advisory/Training Services (in Rupees)	1520108.00
	Name of the Startup	i2n Pvt Ltd	Equity/Share Percentage (%) in Startup	10
	Startup lead by	Faculty	From Equity/Share held in Startup (in Rupees)	0.00
	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	1520108.00
Srno	Basic Details		Financial Details	

	Current Phase of Startup	Receiving Incubation	Total Revenue Generated (in Rupees)	1520108.00
--	---------------------------------	----------------------	--	------------

[Infrastructures & Facilities to Support Innovations and Start-ups] List Last Three Financial Calendar Years Data (2015-16, 2016-17, and 2017-18)

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			
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
CENSE	Nano Science	Prof. Navakanta Bhat	office.cense@iisc.ac.in
Aerospace	Aerodynamics, Propulsion, Controls etc	Prof S. Gopalakrishnan	chair.aero@iisc.ac.in
CAF	Animal Testing	Prof K Somasundaram	skumar1@iisc.ac.in
CPDM	Product Design and Manufacturing	Prof Amaresh Chakrabarti	chair.cpdm@iisc.ac.in
MBU	Molecular Biophysics	Prog Raghavan Vardarajan	chair.mbu@iisc.ac.in
Pre Incubation Centre Available in your Campus			
Advanced Lab Infrastructure/Facilities available to Support Innovation and Start-Up		Yes	
Type of Centre (Multiple options can be selected)		EDC/IEDC/NEW Gen EDC	

Type of Centre (multiple options can be selected)

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
Design Innovation Centre	Medical devices, Agritech	Prof. B Gurumoorhty	bgm@iisc.ac.in
NanoTech Technology Business Incubator	Nanotechnology devices	Prof. Rudra Pratap	pratap@iisc.ac.in
MedTech Technology Business Incubator	Devices and Technology for Geriatric Care	Prof. Amaresh Chakravarthy	chair.cpdm@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Navakanta Bhat	office.cense@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Amaresh Chakrabarti	chair.cpdm@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Navakanta Bhat	office.cense@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Amaresh Chakrabarti	chair.cpdm@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. B Gurumoorhty	bgm@iisc.ac.in
NanoTech Technology Business Incubator	Nanotechnology devices	Prof. Rudra Pratap	?pratap@iisc.ac.in
MedTech Technology Business Incubator	Devices and Technology for Geriatric Care	Prof. Amaresh Chakravarthy	chair.cpdm@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. B Gurumoorhty	bgm@iisc.ac.in
List Maximum Five Advanced Labs Infrastructures Available in your Campus			
NanoTech Technology Business Incubator	Nanotechnology devices	Prof. Rudra Pratap	pratap@iisc.ac.in
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
MedTech Technology Business Incubator	Devices and Technology for Geriatric Care	Prof. Amaresh	chair.cpdm@iisc.ac.in

Incubator		Chakravarthy	
Design Innovation Centre	Medical devices, Agritech	Prof. B Gurumoorhty	bgm@iisc.ac.in
NanoTech Technology Business Incubator	Nanotechnology devices	Prof. Rudra Pratap	pratap@iisc.ac.in
MedTech Technology Business Incubator	Devices and Technology for Geriatric Care	Prof. Amaresh Chakravarthy	chair.cpdm@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Navakanta Bhat	office.cense@iisc.ac.in
Design Innovation Centre	Medical devices, Agritech	Prof. Amaresh Chakrabarti	chair.cpdm@iisc.ac.in

Incubation Unit/Acceleration Centre/ Research Park / STEP

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)

Incubation Centre

List Maximum Five Advanced Labs Infrastructures Available in your Campus

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
SID Incubation Center	Deep Science and Tech	Prof B. Gurumoorthy	office.sid@iisc.ac.in
Upcoming Nano Science Incubation	Nano Science	Dr. R. N. Narahari	office.cense@iisc.ac.in
Upcoming Product Design Incubation	Product Design	Prof. Amaresh Chakrabarti	chair.cpdm@iisc.ac.in

Student Projects Recognized National / International Level

[No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned Agencies/Awards] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details				
1	Financial Year of Award Received	2015-16	Type of Award	National	
	Name of the Award / Program	Gandhian Young Tech Innovation Award			
	Awarding Agency Name	Society for Research and Initiatives for Sustainable Technologies and Institutions, SRISTI			
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped			
	Total Team Size (Student + Faculty)	1			
2	Financial Year of Award Received	2015-16	Type of Award	National	
	Name of the Award / Program	Gandhian Young Tech Innovation Award			
	Awarding Agency Name	Society for Research and Initiatives for Sustainable Technologies and Institutions, SRISTI			
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped			
	Total Team Size (Student + Faculty)	1			
3	Financial Year of Award Received		2015-16	Type of Award	National
Srno	Name of the Award / Program		Bio-Asia Innovation Award		

	Awarding Agency Name	BioAsia		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	1		
4	Financial Year of Award Received	2016-17	Type of Award	National
	Name of the Award / Program	Gandhian Young Tech Innovation		
	Awarding Agency Name	SRISTI		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		
5	Financial Year of Award Received	2016-17	Type of Award	National
	Name of the Award / Program	Best Innovative PhD Project		
	Awarding Agency Name	INAE		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	1		
6	Financial Year of Award Received	2016-17	Type of Award	International
	Name of the Award / Program	ASME Mechanisms and Robotics Design Contest		
	Awarding Agency Name	ASME		
Srno	Basic Details	Current Status (as of 31st March 2018)	Dormant Phase/Dropped	

	Total Team Size (Student + Faculty)		2	
7	Financial Year of Award Received	2016-17	Type of Award	National
	Name of the Award / Program	All-India Cadence Design contest		
	Awarding Agency Name	Cadence		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		
8	Financial Year of Award Received	2016-17	Type of Award	National
	Name of the Award / Program	Waste Hachathon		
	Awarding Agency Name	CPDM, IISc		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		
9	Financial Year of Award Received	2016-17	Type of Award	National
	Name of the Award / Program	BIRAC Hackathon		
	Awarding Agency Name	Gouvernement of India		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		
Srno	Basic Details			

10				
	Financial Year of Award Received	2017-18	Type of Award	National
	Name of the Award / Program	Re-Imagine Waste Hackathon		
	Awarding Agency Name	Waste Impact Trust and CPDM, IISc		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		
11				
	Financial Year of Award Received	2017-18	Type of Award	National
	Name of the Award / Program	National Mechanism Design contest		
	Awarding Agency Name	Mechanical Engineering Department		
	Current Status (as of 31st March 2018)	Dormant Phase/Dropped		
	Total Team Size (Student + Faculty)	2		

Innovations to Startups

[No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute] List Last Three Financial Years Data (2015-16, 2016-17, and 2017-18*)

Srno	Basic Details				
1	Financial Year	2015-16		Founded by	Faculty
Srno	Innovation / Start-Up Name			SuperWave Technology Pvt Ltd	
	Basic Details				

	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Jagadeesh Gopalan		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation
2	Financial Year		2015-16	Founded by	Alumni	
	Innovation / Start-Up Name			Pratimesh Labs Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Prakhar Jain		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation
3	Financial Year		2015-16	Founded by	Faculty	
	Innovation / Start-Up Name			Equine BioTech		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Prof Utpal Tatu		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Graduated
4	Financial Year		2015-16	Founded by	Alumni	
	Innovation / Start-Up Name			Azooka LifeSciences LLP		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Benazir Fathima		
Srno	Basic Details Received	Yes	Startup with Corporate Identification Number (CIN)	No	Current Startup	Receiving

	Incubation		Registration		Status	Incubation
5	Financial Year	2015-16		Founded by	Alumni	
	Innovation / Start-Up Name			Sickle Innovations Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Nitin Gupta		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Graduated
6	Financial Year	2016-17		Founded by	Faculty	
	Innovation / Start-Up Name			PathShodh HealthCare		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Navakant Bhat		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Graduated
7	Financial Year	2016-17		Founded by	Alumni	
	Innovation / Start-Up Name			Astrome Technologies Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Neha Satak		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation
Srno	Basic Details					

8							
	Financial Year		2016-17		Founded by	Faculty	
	Innovation / Start-Up Name				Shanmukha Innovations Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)				SaiSiva Gorti		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Startup Status	Receiving Incubation
9							
	Financial Year		2016-17		Founded by	Faculty	
	Innovation / Start-Up Name				OpenWater		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)				Sanjiv Sambadan		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Startup Status	Receiving Incubation
10							
	Financial Year		2016-17		Founded by	Faculty	
	Innovation / Start-Up Name				Lab to Market Innovation		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)				SK Sinha		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Startup Status	Receiving Incubation
11							
	Basic Details	Financial Year		2016-17		Founded by	Alumni

				by		
	Innovation / Start-Up Name			Mimyk Medical Simulations Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Shanthanu c		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation
12	Financial Year	2017-18		Founded by	Faculty	
	Innovation / Start-Up Name			Simyog Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Dipanjan Gope		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Graduated
13	Financial Year	2017-18		Founded by	Faculty	
	Innovation / Start-Up Name			Mynvax Pvt Ltd		
	Name of the Co-Founders (Multiple Names can be mentioned with Commas)			Raghavan Vardarajan		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation

Co-Incubation Partnership

[Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support] List Last Three

Financial Calendar Years Data (2015-16, 2016-17, and 2017-18)

Srno	Details					
1	Financial Year	2016-17	Type of Partnership	Incubation Services/Support Received from Other Institute/Incubator	Partnership Institute Name	IIM Bangalore
	Type of Support Offered	Pre-incubation, Incubation, Mentoring, Networking		No. of Student Projects/ Ideas / Innovation / Startups Supported	0	
2	Financial Year	2017-18	Type of Partnership	Incubation Services/Support Extended to Other Institute	Partnership Institute Name	Social Alpha
	Type of Support Offered	Pre-incubation, Incubation, Mentoring, Networking		No. of Student Projects/ Ideas / Innovation / Startups Supported	0	

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] List Last Three Academic Calendar Years Data (2015-16, 2016-17, and 2017-18)

Srno	Details			
1	Academic Year	2015-16	Title of Course	Applied Ergonomics
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
Srno	Details			

2	Academic Year	2015-16	Title of Course	Elements of Design
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
3	Academic Year	2015-16	Title of Course	Creative Engineering Design
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
4	Academic Year	2016-17	Title of Course	Applied Ergonomics
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
5	Academic Year	2016-17	Title of Course	Elements of Design
	Subject Focus of Course	Design thinking	Type of Course	Master
Srno	Details Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42

	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
6	Academic Year	2016-17	Title of Course	Creative Engineering Design
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
7	Academic Year	2017-18	Title of Course	New Product Development - Concepts and Tools
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
8	Academic Year	2017-18	Title of Course	Applied Ergonomics
	Subject Focus of Course	Design thinking	Type of Course	Master
Srno	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42

	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
9	Academic Year	2017-18	Title of Course	Elements of Design
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
10	Academic Year	2017-18	Title of Course	Creative Engineering Design
	Subject Focus of Course	Design thinking	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
	Total Enrollment for the Course	10	Total Nos. Completed the Course	42
11	Academic Year	2017-18	Title of Course	Entrepreneurship for Technology Start-ups
	Subject Focus of Course	Innovation and Entrepreneurship Development	Type of Course	Master
	Mode of Delivery	Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)	42
Srno	Details	Total Enrollment for	Total Nos. Completed the Course	
		5	42	

	the Course		
--	------------	--	--

Faculty with Entrepreneurial Experience

[Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc] List Last Three Academic Calendar Years Data (2015-16, 2016-17, and 2017-18)

Srno	Details			
1	Academic Year	2015-16	Faculty Name	Prof KPJ Reddy
	Years of Experience in Start-up / Entrepreneurship	4	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	SuperWave Technology Pvt Ltd	Director Identification Number (DIN)	06554574
2	Academic Year	2015-16	Faculty Name	Prof Gopalan J
	Years of Experience in Start-up / Entrepreneurship	4	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	SuperWave Technology Pvt Ltd	Director Identification Number (DIN)	06554548
Srno	Details			

3	Academic Year	2015-16	Faculty Name	Prof Utpal Tatu
	Years of Experience in Start-up / Entrepreneurship	4	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	Equine BioTech	Director Identification Number (DIN)	07131735
4	Academic Year	2015-16	Faculty Name	Prof Navakanta Bhat
	Years of Experience in Start-up / Entrepreneurship	5	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	PathShodh Healthcare Pvt Ltd	Director Identification Number (DIN)	07237173
5	Academic Year	2016-17	Faculty Name	Prof Sai Siva Gorthi
	Years of Experience in Start-up / Entrepreneurship	4	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
Srno	Details			
	Name of the Start-up (Multiple Startups can be	Shanmukha Innovations	Director Identification Number	07518492

	mentioned with Comma)	Pvt Ltd	(DIN)	
6	Academic Year	2017-18	Faculty Name	Prof Raghavan Vardarajan
	Years of Experience in Start-up / Entrepreneurship	2	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	Mynvax Pvt Ltd	Director Identification Number (DIN)	07791448
7	Academic Year	2017-18	Faculty Name	Prof Dipanjan Gope
	Years of Experience in Start-up / Entrepreneurship	5	Area of Expertise	Start-up Operation
	Level of Involvements as	Founder	Is Faculty, a Founder/Director of any Start-up	Yes
	Name of the Start-up (Multiple Startups can be mentioned with Comma)	Simyog Pvt Ltd	Director Identification Number (DIN)	07705954

Innovation in Governance

[Best Innovative Solutions Developed In-house for Improving Governance of Your Institution] List Best Two Innovative Solutions Successfully Adopted in Last Three Years in any of the Categories Below (2015-16, 2016-17, and 2017-18)

Srno	Details
------	---------

1

	Financial Year	2017-18	Categories	Waste Management	Total Project Amount (in Rupees)	1392000.00
	Title of the Innovation	Solid Waste Management Initiative for IISc (SWaMII)			Revenue Generated (in Rupees)	0.00
	Brief About Solutions / Approaches Developed and Deployed in Your Institute (Maximum 150 words)				Impact created (No. of Direct Beneficiaries/Users)	0
	This institution-wide initiative was launched in 2015-16 to (a) create a comprehensive Solid Waste Management (SWM) system for the collection, storage, treatment and disposal of Solid Waste generated on campus, and (b) segregate and channelize the waste being generated on campus for recycling, composting, energy production and incineration (of inerts) instead of landfilling.					

2

	Financial Year	2017-18	Categories	Knowledge Management	Total Project Amount (in Rupees)	65400000.00
	Title of the Innovation	Digital Campus and Information Technology Services (DIGITS)			Revenue Generated (in Rupees)	0.00
	Brief About Solutions / Approaches Developed and Deployed in Your Institute (Maximum 150 words)				Impact created (No. of Direct Beneficiaries/Users)	0
	This is a comprehensive initiative at IISc was launched in 2016-17 to conceive, plan, and create a best-in-class information technology (IT) and networking system, and implement agile IT and networking services for operational excellence in the Institute. It consolidates many related					

Srno	Details
------	---------

experience in the institute. It consolidates many related efforts into a comprehensive program and one of its major components is to computerize all aspects of administration in IISc right from student admissions and enrollment to purchase procedures to HR Management.

© 2019 | Atal Ranking of Institutions on Innovation Achievements

