



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 2015-16 Year		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
Srno	B RSR9Derr ails	Innovation	Total Number of Participants	30

https://www.ariia.gov.in/DSP/ARIIA2019/Data

Hellie			
Program Start Date	01-12-2015 00:00:00	Program End Date	01-12-2015 00:00:00
Program Duration	1 Days	Program Conducted	Within Campus

Expenditure Incurred				
Institute Own/Internal 3000.00 Fund (in Rupees)				
Sponsorship/External Fund	0.00			
Total Expenditure Incurred	3000.00			

Financial Year 2016-17					
Program Type	Workshops / Training / Se	Workshops / Training / Seminars / Conferences			
Name of Program	Invitation for a Panel discussion on Entrepreneurship or Employment - What governs the choice				
Program Theme	Entrepreneurship/Startup				
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		

Participants Details				
Number of Internal 30 Participants				
Number of External Participants	0			
Total Number of Participants	30			

Expenditure Incurred			
Institute Own/Internal 2000.00 Fund (in Rupees)			
Sponsorship/External Fund	0.00		
Total Expenditure Incurred	2000.00		

Srno Basic Details

Financial Year	2016-17			
Program Type	Workshops / Training / Seminars / Conferences			
Name of Program	Stock Market Investments - An Informative session on building personal wealth through stock markets for students			
Program Theme	Entrepreneurship/Startup			
Program Start Date	08-12-2016 00:00:00	Program End Date	08-12-2016 00:00:00	
Program Duration	1 Days	Program Conducted	Within Campus	

Participants Details			
Number of Internal Participants	70		
Number of External Participants	0		
Total Number of Participants	70		

Expenditure Incurred				
Institute Own/Internal 7000.00 Fund (in Rupees)				
Sponsorship/External Fund	0.00			
Total Expenditure Incurred	7000.00			

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Financial Year	2016-17				
Program Type	Workshops / Training / Seminars / Conferences				
Name of Fireside Chat with Phanindra Sama Discussion on Journey of Redbus. Le Failure and Success					
Program Theme	Entrepreneurship/Startup				
Program Start B pajr eDetails	19-01-2017 00:00:00	Program End Date	19-01-2017 00:00:00		

Participants Details				
Number of Internal Participants	110			
Number of External Participants	15			
Total Number of Participants	125			

Srno

Program	1 Days Program Conducted	Within Campus	Expenditure Incurred		
Duration	1 Days	1 rogram conducted	Wichin Cumpus	Institute Own/Internal Fund (in Rupees)	13000.00
				Sponsorship/External Fund	0.00
				Total Expenditure Incurred	13000.00
Financial 2016-17 Year			Participants Details		
Program Type	Awareness / Motivationa	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	om sib, lise bullgutore.		Total Number of Participants	27
Program Start Date	05-03-2017 00:00:00	Program End Date	05-03-2017 00:00:00	Expenditure Incu	ırred
Program Duration	1 Days	Program Conducted	Within Campus	Institute Own/Internal Fund (in Rupees)	25000.00
				Sponsorship/External Fund	0.00
				Total Expenditure	25000.00

5	Financial Year	2016-17	Participants Det	ails		
	Program	Workshops / Training / Se	Number of Internal Participants			
	Туре		Number of External	О		
	Name of Program	Startup India Roadshow of for Startups and Research	Participants Total Number of			
	Program Theme	Innovation	ovation			
	Program Start	15-03-2017 00:00:00	Program End Date	15-03-2017 00:00:00	Expenditure Incu	rred
	Date				Institute Own/Internal Fund	10000.0
	Program Duration	1 Days	Program Conducted	Within Campus	(in Rupees)	
	Duracion				Sponsorship/External Fund	0.00
					Total Expenditure Incurred	10000.0
	Financial 2017-18 Year			Participants Det	ails	
	Program Type	Workshops / Training / S	Number of Internal Participants	2		
	Name of	Idea Validation Workshop A Business Idea Validation Workshop to clear all doubts and			Number of External Participants	
	Program	help innovators build a	Total Number of			
rno	Program Basic Details Theme	Entrepreneurship/Start	up		Participants	

Program Start Date	06-05-2017 00:00:00	Program End Date	06-05-2017 00:00:00
Program Duration	1 Days	Program Conducted	Within Campus

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	7000.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	7000.00	

Financial Year	2017-18			
Program Type	Awareness / Motivational Programs			
Name of Program	IISc Startup Meet - Motivational Talk by Dr. Kota Harinarayana, and separate Panel discussion on grants, challenges and Entrepreneurship			
Program Theme	Entrepreneurship/Startup			
Program Start Date	03-08-2017 00:00:00	Program End Date	03-08-2017 00:00:00	
Program Duration	1 Days	Program Conducted	Within Campus	

Participants Details			
Number of Internal Participants	130		
Number of External Participants	32		
Total Number of Participants	162		

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	32000.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	32000.00	

Srno Basic Details

Financial Year	2017-18			
Program Type Workshops / Training / Seminars / Conferences				
Name of Program	A discussion on 7 Triggers for Sales - Entrepreneurship Design, Decode and Yield			
Program Theme	Entrepreneurship/Startup			
Program Start Date	20-08-2017 00:00:00	Program End Date	20-08-2017 00:00:00	
Program Duration	1 Days	Program Conducted	Within Campus	

Participants Details		
Number of Internal Participants	16	
Number of External Participants	2	
Total Number of Participants	18	

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	1000.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	1000.00	

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Financial Year	2017-18
Program Type	Workshops / Training / Seminars / Conferences
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
ReiroDan ni	s Innovation

Participants Details

Number of Internal 36
Participants

Number of External 10
Participants

Total Number of 46
Participants

Srno

ıneme			
Program Start Date	05-10-2017 00:00:00	Program End Date	06-10-2017 00:00:00
Program Duration	2 Days	Program Conducted	Within Campus

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

Financial Year	2017-18			
Program Type	Workshops / Training / Seminars / Conferences			
Name of Program	Design Thinking 101 - A session on how best to think design by IISc Alumnus Mr. Amit Singh, G.E. Healthcare			
Program Theme	Entrepreneurship/Startup			
Program Start Date	28-10-2017 00:00:00 Program End Date 28-10-2017 00:00:00			
Program Duration	1 Days	Program Conducted	Within Campus	

Participants Details		
Number of Internal Participants	91	
Number of External Participants	9	
Total Number of Participants	100	

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	10000.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	10000.00	

Srno Basic Details

Financial Year	2017-18		
Program Type	Workshops / Training / Seminars / Conferences		
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.		
Program Theme	Entrepreneurship/Startup		
Program Start Date	14-02-2018 00:00:00	Program End Date	14-02-2018 00:00:00
Program Duration	1 Days	Program Conducted	Within Campus

Participants Details		
Number of Internal Participants	42	
Number of External Participants	0	
Total Number of Participants	42	

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	2500.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	2500.00	

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Financial Year	2017-18
Program Type	Awareness / Motivational Programs
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
Program	IPR
Theme Basic Detail	S

Participants Details

Number of Internal 20
Participants

Number of External 0
Participants

Total Number of 20
Participants

Srno

Program	17-02-2018 00:00:00	ARIIA Atal Ranking Program End Date	g of Institutions on Innovation Achievemen	ts Expenditur
Start Date	17 62 23 13 66.66.66		17 02 2010 00:00:00	Institute Own/Int
Program Duration	1 Days	Program Conducted	Within Campus	Sponsorship/Exte
				Total Expenditure

Expenditure Incurred		
Institute Own/Internal Fund (in Rupees)	1000.00	
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	1000.00	

Financial Year	2017-18		
Program Type	Workshops / Training / Seminars / Conferences		
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		
Program Theme	Entrepreneurship/Startup		
Program Start Date	01-03-2018 00:00:00	Program End Date	01-03-2018 00:00:00
Program Duration	1 Days	Program Conducted	Within Campus

Participants Details		
Number of Internal Participants	30	
Number of External Participants	0	
Total Number of Participants	30	

Expenditure Incurred		
Institute Own/Internal 1000.00 Fund (in Rupees)		
Sponsorship/External Fund	0.00	
Total Expenditure Incurred	1000.00	

Seno Basic Details
Financial 2017-18

Particinante Nataile

Үеаг			
Program Type	Workshops / Training / Se	eminars / Conferences	
Name of Program		lusive, frugal innovative solution fabricators work together by P	ons collaboratively - can Prof. Anil Gupta, IIM Ahmedabad
Program Theme	Innovation		
Program Start Date	28-03-2018 00:00:00	Program End Date	28-03-2018 00:00:00
Program Duration	1 Days	Program Conducted	Within Campus

Number of Internal Participants	30
Number of External Participants	0
Total Number of Participants	30

Expenditure Incur	red
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	Workshops / Training /	Expenditure Incurred	
	Program Theme	Innovatio	Type	Seminars / Conferences	Institute Own/Internal Fund (in Rupees)	0.00
Srno	Basic Details Name of Event	Titan Desi	gn Impact Aw	ards	Sponsorship/External Fund	0.00

Workshops / Training /

Workshops / Training /

Seminars / Conferences

2

Financial Year

Name of Event

Name

Organizing Agency / Institute Name	TITAN			
Level of Event	National	Type of Participants	Student	
Nos of Participants	200			
Achievements (Awards/Recognitions/Prize, If any)				

2017-18

Program

Total Expenditure Incurred 0.00

		Туре	Seminars / Conferences
Program Theme	Entrepren	eurship/Startup	

Niti Aayog AIC Training Organizing Agency / Institute Govt (Niti Aayog)

Level of Event	National	Type of Participants	Student
Nos of Participants	125		

Achievements
(Awards/Recognitions/Prize, If
any)

Expenditure Incur	red
Institute Own/Internal Fund (in Rupees)	24000.00
Sponsorship/External Fund	0.00
Total Expenditure Incurred	24000.00

3	Figure	2017 10	D
C	Financial Year	2017-18	_
Srno	Basic Details		Туре

Expenditure Incur	red
lastituta	16000 00

Program Theme	Entrepren	Entrepreneurship/Startup		
Name of Event	Incubator	Incubator Meetg		
Organizing Agency / Institute Name	Deshpand	le Foundation		
Level of Event	National	Type of Participants	Both	
Nos of Participants	20	!		
Achievements (Awards/Recognitions/Prize, If any)				

Institute Own/Internat Fund (in Rupees)	16000.00
Sponsorship/External Fund	0.00
Total Expenditure Incurred	16000.00

4	Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences		
	Program Theme	Entreprer	Entrepreneurship/Startup			
	Name of Event	Inaugration of Sandbox Startup				
	Organizing Agency / Institute Name	Deshpande Foundation				
	Level of Event	National	Type of Participants	Both		
	Nos of Participants	500				
	Achievements (Awards/Recognitions/Prize, If any)					
Srno	Basic Details					

Expenditure Incurred			
Institute Own/Internal Fund (in Rupees)	9000.00		
Sponsorship/External Fund	0.00		
Total Expenditure Incurred	9000.00		

Financial Year	2017-18	Program Type	Workshops / Training / Seminars / Conferences	
Program Theme	Entreprer	neurship/Startup)	
Name of Event		Leapfrogging Healthcare Delivery through Medtech by Kiran Mazumdar Shaw		
Organizing Agency / Institute Name	C-CAMP, E	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	no Details					
1	Financial Year 2015-16 Name of Centre SID-Entre				repreneurship Center	
	Type of Facility	Incubation	Year of Facility Creation	2006	Facility Location / Address	IISc
	Facility Incharge Name	cility Incharge Name Prof. B. Gurumoorthy			Facility area in Sq Ft	25000
Srno	Details					

Operational Cost of Centre (in Rupees) (Construction Cost is excluded)	
Institute Own/Internal Fund (in Rupees)	2780000.00
Sponsorship / External Fund	0.00
Total Operational Cost of Centre	2780000.00

Expenditure Incurred	
Institute Own/Internal Fund (in Rupees)	2780000.00
Sponsorship/External Fund	0.00
Total Expenditure Incurred	2780000.00

Financial Year	2016-17	Name of Centre	SID-Entrepreneurship Center		
Type of Facility	Incubation	Year of Facility Creation	2006 Facility Location / Address IISc		IISc
Facility Incharge Name	Prof. B. Gurumo	noorthy		Facility area in Sq Ft	25000

Operational Cost of Centre (in Rupees) (Construction Cost is excluded)	
Institute Own/Internal Fund (in Rupees)	2634000.00
Sponsorship / External Fund	0.00
Total Operational Cost of Centre	2634000.00

Expenditure Incurred	
Institute Own/Internal Fund (in Rupees)	2634000.00
Sponsorship/External Fund	0.00
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 Location / Address IISc		IISc
Facility Incharge Name	Prof. B. Gurum	porthy		Facility area in Sq Ft	25000

Srno Details

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

Expenditure Incurred	
Institute Own/Internal Fund (in Rupees)	7734000.00
Sponsorship/External Fund	0.00
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 /		iotech Pvt Ltd	Seed Grant from Fur Agency		5000000.00
	Innovation / Startup Applicant Type	Faculty Project		Successfully Completed	Angel / Venture Capital Fund	0.00
			Completion		Total Supported Amount	5000000.00
	Current Status (as of 31st Ma	arch 2018)				
2	Financial Year	2015-	Category	Patented Innovative	Institution Own Seed Fund	2000000.00
	Name of Idea / Project /	16 Sickle I	nnovation Pvt L	Technology to Start-up	Seed Grant from Funding Agency	3800000.00
Srno	Birsho Dations/ Startup				Fund Supported	0.00

•	Applicant Type	Student	Project	Successfully Completed	Fund	0.00	
			Completion	,	Total Supported Amount	5800000.00	
	Current Status (as of 31st M	arch 2018)	IP – Tech Trans	fer/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 F	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 M	arch 2018)	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 L	ifeSciences LLP		Seed Grant from Funding Agency	2200000.00	
	Applicant Type	Alumni	Project Completion	On Progress	Angel / Venture Capital Fund	400000.00	
	Current Status (as of 31st M	arch 2018)		under Incubation Phase	Total Supported Amount	7700000.00	
			Sta. tup				
5 Srno	BEilis Deislifear	2016- (•	Non-Patented Innovative Technoloav to Start-up	Fund supported Seed Fund	0.00	

					· · · · · · · · · · · · · · · · · ·	Seed Grant from Funding	9500	000.00
	Name of Idea / Project / Innovation / Startup	Siamaf H	HealthCar	e Pvt Lt	d	Agency	8300	
	Applicant Type	Alumni Project			On Progress	Angel / Venture Capital Fund	0.00	
			Comple	ompletion		Total Supported Amount	8500000.00	
	Current Status (as of 31st Ma	arch 2018)		Startup	under Incubation Phase			
6	Financial Year	2016- 17	Catego	огу	Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund		0.00
	Name of Idea / Project / Innovation / Startup		BioSynth I	-		Seed Grant from Funding Ag Angel / Venture Capital Fund		0.00
	Applicant Type	Faculty	_	Project On Progress Completion		Total Supported Amount		0.00
	Current Status (as of 31st Ma							
	Financial Year	2016- 17	Category		Patented Innovative Technology to Start-up	Institution Own Seed Fund	1000	0.000
	Name of Idea / Project / Innovation / Startup		ukha Inno	ovation		Seed Grant from Funding Agency	0.00	
	Applicant Type	Faculty				Angel / Venture Capital Fund	0.00	
			Comp	letion		Total Supported Amount	1000	000.00
	Current Status (as of 31st Ma Basic Details			Charlan	under Incubation Phase			

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 Pv	rt 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 M	arch 2018)	Startup	o under Incubation Phase	Total Supported Amount	107451181.00	
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 P	vt 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 M	arch 2018)	o under Incubation Phase	Total Supported Amount	111000000.00		
0	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 l	_td		Seed Grant from Funding Agency	0.00	
	Applicant Type	Student and	Project	Successfully Completed	Angel / Venture Capital	65000000.00	

						Total Supported Amount	66500000.00
	Current Status (as of 31st	March 2018)	IP – To	ech Transfer,	/Commercialization Phase		
11	Financial Year	2017-	Cate		Patented Innovative	Institution Own Seed Fund	0.00
	Name of Idea / Project / Mim		Technology to Start-up Pvt Ltd			Seed Grant from Funding Agency	9600000.0
	Innovation / Startup Applicant Type	Alumni	Alumni Project		On Progress	Angel / Venture Capital Fund	0.00
	Applicant Type		_	Completion		Total Supported Amount	9600000.0
	Current Status (as of 31st	March 2018)		Startup un	der Incubation Phase		
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 Aerona	utics			Seed Grant from Funding	0.00
	illioration / Startap					Agency	
	Applicant Type	Entrepreneurs External to		Project Completion	On Progress	Agency Angel / Venture Capital Fund	13000000.0
		•		-	_	Angel / Venture Capital	13000000.0 15983480.0
		External to Institute		Completion	_	Angel / Venture Capital Fund	
13	Applicant Type	External to Institute		Completion	1	Angel / Venture Capital Fund	

	Name or idea / Project / Innovation / Startup	Reliatrix Hero	space PVC	LCO		Agency	160000000.00	
	Applicant Type	· ·		Project On Progress Completion		Angel / Venture Capital Fund	0.00	
	IIIstitute					Total Supported Amount	162500000.00	
	Current Status (as of 31st	March 2018)	!	Startup und	er Incubation Phase			
14	Financial Year			Non-Patented Innovative Technology to Start-up		Institution Own Seed Fund	1500000.00	
	Name of Idea / Project / Innovation / Startup					Seed Grant from Funding Agency	1500000.0	
	Applicant Type	Alumni	Project Complet		Progress	Angel / Venture Capital Fund	0.00	
	Current Status (as of 31st	March 2018)		Startup under Incubation Phase		Total Supported Amount	3000000.0	
15	Financial Year	2017- 18	Category		etented Innovative	Institution Own Seed Fund	1000000.00	
	Name of Idea / Project / Innovation / Startup	Open V	Water Pvt			Seed Grant from Funding Agency	13000000.0	
	Applicant Type	Faculty	/ Projec Compl		n Progress	Angel / Venture Capital Fund	0.00	
	Current Status (as of 31st	March 2010\		Chartua ua d	or Incubation Phase	Total Supported Amount	14000000.0	
	Current Status (as of 31st Basic Details	march 2018)	-	orai rub aud	er Incubation Phase	Fund Supported		

Fina	incial Year	2017- Category Non-Patented Innovativ 18 Technology to Start-up		Non-Patented Innovative Technology to Start-up	Institution Own Seed Fund	230000.00
	Name of Idea / Project / Pro Innovation / Startup		Design Pvt L		Seed Grant from Funding Agency	0.00
	Innovation / Startup Applicant Type	Alumni Project On Progress Completion			Angel / Venture Capital Fund	0.00
			Completic	VII	Total Supported Amount	230000.0
Сигі	rent Status (as of 31st M	arch 2018)	Sta	artup under Incubation Phase		

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 Instab	ility by Actuatir	ng the Swirler in a	Sponsorship / Grant Fund	0.00	
	Patent Application No	5378/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Applic	cation Filed	!	National			
	Current Status (as of	31st March 2018)		Application Published			
Şrno	Basic Details Financial Year	2015-16			Amount Spent towards Patent Filing (in Institution Own Fund	Rupees) 100000.00	

					· · · · · · · · · · · · · · · · · · ·		
	Title of Patent	Process fo	r Makir	ng Solid Hydrox	ylamine Nitrate	Sponsorship / Grant Fund	0.00
	Patent Applicati No	on 4469/CHE	/2015	Inventors Type	Student and Faculty	nd Faculty Total Amount Spent towards Patent Filing (in Rupees)	
	Type of Patent A	pplication Filed			National		
	Current Status (a	as of 31st March 2	018)		Application Published		
}	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Optical Nanos Oleae Infestat		or Early Stage D	etection of Bactocera	Sponsorship / Grant Fund	0.00
	Patent Application No	3696/CHE/201	5 In	ventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	pplication Filed			National		
	Current Status (a	as of 31st March 2	018)		Application Published		
1	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Platform of Larg			with Lateral Orientation	Sponsorship / Grant Fund	0.00
	Patent Application No	201641010055	Inven Type	stors Stud	dent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	application Filed		Nat	ional		
Srno	B Ssicreput Sita tus (a	as of 31st March 2	018)		olication under	Amount Spent towards Patent Filing (in	n Rupees)

, 10.43							
	Financial Year	2015-16			Institution Own Fund	100000.0	
		High Aspect Rati and Method of C			Hard Ceramic Coating Apparatus Ires	Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00
	Patent Application No	201641008129	201641008129 Inventors Type		Student and Faculty	Filing (in Rupees)	
	Type of Patent A	Application Filed	i		National		
	Current Status (a	as of 31st March	า 2018)				
6	Financial Year 2015-16					Institution Own Fund	100000.0
	Title of Patent	Drain Exte	ended 1	Tunnel Field	l Effect Transistor	Sponsorship / Grant Fund	0.00
	Patent Applicati No	: Application 201641006497 Inventors			Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	Application Filed	j		National		
	Current Status (as of 31st March 2018)				Application under Examination		
,	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Antibacteria	ıl Antim	nicrobial Co	mposition and Method of	Sponsorship / Grant Fund	0.00
irno	Basic Details	Preparation	Thereo	of		Arecent Filipaci	Ruppers).00

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	Patent Application No	201641003899	Invei Type		dent and Faculty	Filing (in Rupees)		
	Type of Patent A	pplication Filed		Nal	tional			
	Current Status (a	s of 31st March 201	18)		plication under amination			
8	Financial Year	2015-16				Institution Own Fund	300000.00	
	Title of Patent	Data Streaming in Hardware Accele Alignment of Short Reads			or for Mapping and	Sponsorship / Grant Fund 0.00		
	Patent Application No	PCT/IB2016/0508	41 lı	nventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent A	pplication Filed	1		International			
	Current Status (a	s of 31st March 20°	18)		Application Published			
9	Financial Year	2015-16				Institution Own Fund	300000.00	
	Title of Patent	Hardware Accele Sequencing Plat		_	of Short Reads in	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IB2016/050		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent A	pplication Filed			International			
	Current Status (a	s of 31st March 20°	18)		Application Published			
Srno	o Basic Details					Amount Spent towards Patent Filing (i	n Rupees)	
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TU	Financial Year	2015-16			IIA Atai Kanking of Institutions of the	Institution Own Fund	300000.00
	Title of Patent	Mapping o	f Short Re	ads in Seque	ncing in Platforms	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2010	5/050840	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent	Application File	i		International		
	Current Status	(as of 31st Marcl	า 2018)		Application under Examination		
11	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Process for Sub		-	vth of Nanostructured	Sponsorship / Grant Fund	0.00
	Patent Application No	201641005449	Invento Type		udent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application File	j	Na	ational		
	Current Status	(as of 31st Marci	า 2018)		oplication under amination		
12	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Substrate Battery	Integated	d Nanostruct	ured Nickel Iron Ultra	Sponsorship / Grant Fund	0.00
	Patent Applical			ventors	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	No Basic Details		13	ype		Amount Spent towards Patent Filing (in	n Rupees)

21, 10:49	iype oi race	iic Appui		ico	ARIIA	A Atal Ranking of Institutions on Inno	valion Achievements	
	Current Stat	us (as of	31st Mai	rch 2018)		Application under Examination		
13	Financial Year	2015-10	5				Institution Own Fund	100000.00
	Title of Patient Specific Near-Net Shaped United Patent Femoral Head and Acetabular Socket Thereof					-	Sponsorship / Grant Fund Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	201641	004257	Inventors Ty	pe Stude	ent and Faculty		
	Type of Patent Application Filed				Natio	onal		
	Current Status (as of 31st March 2018) Application under Exam					cation under Examination		
14	Financial Year 2015-16					Institution Own Fund	300000.00	
	Title of Patent A Method for Rapid D			etection of	a Single Bacterium	Sponsorship / Grant Fund	0.00	
	Patent Application PCT/		PCT/IN	T/IN2016/000028 Inven		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Pate	nt Applio	ation Fil	led		International		
	Current Status (as of 31st March 2018)					Application Published		
\$Ēno	Basic Details 2015-16					Amount Spect towards Patent Filing (in	Rup ees) .00	

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	Title of Patent	Device and Method I Creatinine Ratio	for Detecting	Creatinine and Albumin to	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 App	lication Filed		International	-	
	Current Status (as o	of 31st March 2018)		Application Published		
16	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Composition of Pu	ınica Granatun	n for HCV Inhibition	Sponsorship / Grant Fund	0.00
	Patent Application No		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	lication Filed		National		1
	Current Status (as o	of 31st March 2018)		Application under Examination		
17	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Biosensor Strip Co	mposition and	Method of Use Thereof	Sponsorship / Grant Fund	0.00
	Patent Application No	, , , , , , , , , , , , , , , , , , ,	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	lication Filed		National		
Srno	Current Status (as of 31st March 2018) Basic Details			Application under Examination	Amount Spent towards Patent Filing (in	n Rupees)

18	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Continuous Wa	ve Quantum Do	ot Laser	Sponsorship / Grant Fund	0.00
	Patent Application	7046/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	olication Filed		National		
	Current Status (as	of 31st March 201	8)	Application under Examination		
19	Financial Year	2015-16		Institution Own Fund	100000.00	
	Title of Patent	System and Metho Hydrogen General	•	g Hydrogen Rich Syngas for	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 App	olication Filed		National		
	Current Status (as	of 31st March 201	8)	Application under Examination		
20	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Medical Chair w	rith Multi-Orien	itation	Sponsorship / Grant Fund	0.00
	Patent Application	6686/CHE/2015	Inventors	Student and Faculty	Total Amount Spent towards Patent	100000.00
Srno	B N ic Details		Туре		A ก็เง่งสูเง่จpลิพลสอร ์งards Patent Filing (ir	Rupees)

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	Type of Patent App	lication Filed		National		
	Current Status (as o	of 31st March 2018	3)	Application under Examination		
21	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Metal Catalyst a	and Process Pro	ocess 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)	100000.0
	Type of Patent App	lication Filed		National		
	Current Status (as o	of 31st March 2018	3)	Application under Examination		
22	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Single Step Metho	od for Producti	on of Open Cell Metal Foam	Sponsorship / Grant Fund	0.00
	ricte of Facelic			,		
	Patent Application No	Heat Exchanger 6484/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Patent	Heat Exchanger 6484/CHE/2015		·		100000.0
	Patent Application No	Heat Exchanger 6484/CHE/2015 lication Filed	Туре	Student and Faculty		100000.0
23	Patent Application No Type of Patent App	Heat Exchanger 6484/CHE/2015 lication Filed	Туре	Student and Faculty National Application under		100000.00

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	Patent Application No	6276/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed	1	National		
	Current Status (as of	⁷ 31st March 2018)		Application under Examination		
24	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Real-Time Fil	ore Bragg Grat	ing Bioensor	Sponsorship / Grant Fund	0.00
	Patent Application No	6275/CHE/201	5 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed		National		
	Current Status (as of	⁷ 31st March 2018)		Application Published		
25	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Low-Rate Super-F	Resolution Ulti	asound 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 Appli	cation Filed		National		
	Current Status (as of	⁵ 31st March 2018)		Application under Examination		
					Amount Spent towards Patent Filing (ir	

26	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	A Real Time Sa	ample Classifier	(Cytocube)	Sponsorship / Grant Fund	0.00
	Patent Application	4957/CHE/201	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	pplication Filed	<u>'</u>	National		
	Current Status (a	s of 31st March 20	18)	Application under Examination		
27	Financial Year	2015-16			Institution Own Fund	100000.0
	Title of Patent	Heteropitaxial Str Fraction of Alumin		-Nitride Layers with High Mole	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 A	pplication Filed		National		
	Current Status (a	s of 31st March 20	18)	Application under Examination		
8	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	CMOS Wideband for External Paras	•	h Gain Roll-Off Compensation	Sponsorship / Grant Fund	0.00
	Patent Application No	3648/CHE/2015	Inventors Typ	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details Type of Patent A	pplication Filed		National	Amount Spent towards Patent Filing (in	n Rupees)

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	Current Status	(as of 31st March 20	18)	Application Published		
29	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Chimeric Pl	ant Based Virus like	Particles and Uses Thereof	Sponsorship / Grant Fund	0.00
	Patent Applicat	ion 5067/CHE/2	2015 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent A	Application Filed		International		
	Current Status	(as of 31st March 20	18)	Application Published		
30	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Real Time Sensing of Noble Metal Na		hip Interference-Synthesis	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 A	Application Filed		National		
	Current Status	(as of 31st March 20	18)	Application Published		
31	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Device and Metho	d for Non-Enzymatio	c and Electrochemical	Sponsorship / Grant Fund	0.00
Srno					Amount Spent towards Patent Filing (in Total Amount Spent towards Patent	Rupees) 300000.00

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	Patent Application No	PCT/IB2015/056854	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Patent A	pplication Filed	International			
	Current Status (a	as of 31st March 2018)		Application Published		
32	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Device and Method	l for Detection of	Haemoglobin and Its	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/05683	2 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent A	pplication Filed		International		
	Current Status (a	as of 31st March 2018)		Application under Examination		
33	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Method and Syste	m for Epoch Base	ed Modification of Speech	Sponsorship / Grant Fund	0.00
	Patent Applicati	on PCT/IB2015/05660	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent A	pplication Filed		International		
	Current Status (a	as of 31st March 2018)		Application Published		
Srno	Basic Details				Amount Spent towards Patent Filing (in	n Rupees)

34	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Nitrate Ion Sens	or and Method Th	ereof	Sponsorship / Grant Fund	0.00
	Patent Applicatio	n 4639/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Ap	plication 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 Bios and Its Complexes	ensor and a Meth	od of Sensing Albumin	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 Ap	plication 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	p Biosynthesis of I	Nanoparticles at Room	Sponsorship / Grant Fund	0.00
	Patent Application No		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Ap Basic Details	onlication Filed		National	Amount Spent towards Patent Filing (in	

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	Current Status (as o	31st March 2018)					
37	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	A Haptic Device	for Endoscop	ру		Sponsorship / Grant Fund	0.00
	Patent Application No	3439/CHE/2014	CHE/2014 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed			National		
	Current Status (as of	f 31st March 2018)			Application Published		
38	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	High Througput	Optofluidie H	Нурегі	maging	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 Appli	cation Filed			National		
	Current Status (as of	^F 31st March 2018)					
39	Financial Year	2015-16				Institution Own Fund	100000.00
	Title of Patent	Near Infrared Opti	cal Tomograp	ohy		Sponsorship / Grant Fund	0.00
	Patent Application	3096/CHE/2015	Inventors	Stu	dent and Faculty	Total Amount Spent towards Patent	100000.00
Srno	No Basic Details		Туре			Filing (in Rupees) Amount Spent towards Patent Filing (in	n Rupees)

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	Type of Patent Appl	ication Filed	N	ational		
	Current Status (as of 31st March 2018)			pplication under xamination		
40	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Y-Y Strenthened 1	ungsten Free Cob	alt Based Super Alloy	Sponsorship / Grant Fund	0.00
	Patent Application No	3011/CHE/2015	Inventors S Type	tudent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed	N	ational		
	Current Status (as o	f 31st March 2018)		pplication under xamination		
41	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Method for Rem Mixture	oving Hydrogen Su	ulfide from a Gaseous	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 Appl	ication Filed	!	National		
	Current Status (as o	f 31st March 2018)		Application Published		
42	Financial Year	2015-16			Institution Own Fund	100000.00
Srno	BŢijĿĿĸ	Subject Transfer A	Apparatus		ASPONSOSSPERV towards Watent Filing (in	Rupees)

	Patent Application No	2972/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation 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 Dimensio	nal Printing o	f 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 Appli	cation 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 Are	a Scaled Tunn	el 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 Appli	cation Filed		National		
	Current Status (as of 31st March 2018)			Application Published		
Ş çno	Basic Details	2015-16			Amount Spent towards Patent Filing (in	100000 00

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	Title of Patent	Creatinine Dete	ctor			Sponsorship / Grant Fund	0.00	
	Patent Application No	2412/CHE/2015	Inventors Type	Student and	d Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Appl	ication Filed		National				
	Current Status (as o	f 31st March 2018	3)	Application Examinatio				
46	Financial Year	2015-16				Institution Own Fund	100000.00	
	Title of Patent	Polypeptides for Uses Thereof	Generating An	ti-Influenza Anl	tibodies and	Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00	
	Patent Application No	15/305575 Inve		Student and Faculty		Filing (in Rupees)	100000.00	
	Type of Patent Appl	Type of Patent Application Filed Natio						
	Current Status (as o	f 31st March 2018	•	Application und Examination	der			
7	Financial Year	2015-16				Institution Own Fund	100000.00	
	Title of Patent	Polypeptides for Uses Thereof	Generating An	ti-Influenza An	tibodies and	Sponsorship / Grant Fund	0.00	
	Patent Application No	EP20150727445	Inventors Ty	/pe Student	and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
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	Current Status (as	of 31st March 20	018)			Application Published		
48	Financial Year	2015-16					Institution Own Fund	100000.00
	Title of Patent	Polypeptides Uses Thereof		erating A	Anti-Influ	uenza Antibodies and	Sponsorship / Grant Fund	0.00
	Patent Application No	2016/07182	Inven	tors	Stude	nt and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Application Filed			Natio	nal			
						cation under ination		
49	Financial Year	2015-16			Institution Own Fund	300000.00		
	Title of Patent	Polypeptides Uses Thereof		erating A	Anti-Influ	uenza Antibodies and	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/0		Invento	огѕ	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 M	lotion N	/leasuren	nent		Sponsorship / Grant Fund	0.00
Srno	Basic Details Patent Application	n 2017/CHE/	/2015	Invento	rs	Student and Faculty	Amount Spent towards Patent Filing (i Total Amount Spent towards Patent	n Rupees)

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	No		Туре		Filing (in Rupees)	
	Type of Patent App	lication Filed		National		
	Current Status (as o	of 31st March 2018)		Application Published		
51	Financial Year	2015-16			Institution Own Fund	100000.00
	Title of Patent	Reusable Probe T	ip for a Scanning	g Probe Microscope	Sponsorship / Grant Fund	0.00
	Patent Application No	1919/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		
52	Financial Year	2015-16			Institution Own Fund	300000.00
	Title of Patent	Low Power Pulse (Oximeter and a M	1ethod Thereof	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2015/05257	'9 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent App	lication Filed	'	International		
	Current Status (as of 31st March 2018)			Application Published		
53	BEina PrialiYear 2	2015-16			AMStitutipe Awa Funds Patent Filing (in	100000

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	Title of Patent	High-Frequen and a Process		ited Device	with an Enhanced Inductance	Sponsorship / Grant Fund	0.00
	Patent Application No	14/441329	Invent	ors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application File	1		National		
	Current Status	(as of 31st Marcl	n 2018)		Patent Granted		
4	Financial Year	2015-16				Institution Own Fund	100000.0
	Title of	Mathad and And	andria fo	r Datastias	Muscular Disorders Based on	Sponsorship / Grant Fund	0.00
	Patent	Vibrations Signa		_	Musculal Disorders based on	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Patent Application No	4161/CHE/2015	Invent Type	ors S	Student and Faculty		
	Type of Patent	Application File	j	1	National		
	Current Status	(as of 31st Marcl	າ 2018)		Application under Examination		
5	Financial Year	2015-16	5			Institution Own Fund	100000.0
	Title of Patent	Energy	Harvestin	g Electronic	: Switch	Sponsorship / Grant Fund	0.00
	Patent Application 4110/CF		HE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
		Type of Patent Application Filed				Amount Cook house do Dobact Pill "	- D 1
rno	Basic Details	/£ 34-L M	2040\		A = 1: -= L: - =	Amount Spent towards Patent Filing (i	n Kupees)

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	Current Stat	us (as Ul	3 ISC MAICH 2018)		Published		
56	Financial Yea	ìΓ	2015-16			Institution Own Fund	100000.00
	Title of Pate	Catalyst Composition For Gas Prod			duction	Sponsorship / Grant Fund	0.00
	Patent Appli No	cation	3783/CHE/2015	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pate	nt Applic	cation Filed		National		
	Current Stat	us (as of	31st March 2018)		Application Published		
57	Financial Yea	ar	2015-16			Institution Own Fund	300000.00
	Title of Pate	nt	A Device for Simula	ating Endoscopy	and a System Thereof	Sponsorship / Grant Fund	0.00
	Patent Appli No	cation	PCT/IB2015/05525	1 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Application Filed Internation						
	Current Stat	us (as of	31st March 2018)		Application Published		
58	Financial	2015-10	6			Institution Own Fund	100000.00
	Year Title of	A N40+4	ad of Docidus Desvi-	itu laformatica	and Drotoin Madal	Sponsorship / Grant Fund	0.00
	Patent		od of Residue Proxim ination Using Saturat	-		Total Amount Spent towards Patent Amount Spent Lowards Patent Filing (in	100000.00

	Patent Application No	6466/CHE/201	5 Inver	ntors Type	Stu	dent and Faculty		
	Type of Pate	nt Application F	iled		Na	cional		
	Current Status (as of 31st March 2018)					ent Granted		
59	Financial Yea	ır 2015	5-16				Institution Own Fund	100000.00
	Title of Pate	nt A Mi	crofluidic Ca	rtrige			Sponsorship / Grant Fund	0.00
	Patent Appli No	cation 4229	9/CHE/2015	15 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		
50	Financial Year	2015-16					Institution Own Fund	100000.00
	Title of	Surfaces with F	mbedded Se	unsing and Ac	tuation	Networks Using	Sponsorship / Grant Fund	0.00
	Patent			-	tuation Networks Using ctor (CMOS) Sensing Chips		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	14/842502	Inventors	Туре	Stude	nt and Faculty	rung (iii kupees)	
	Type of Pate	Type of Patent Application Filed				nal		
	Current Stat	us (as of 31st Ma	arch 2018)		Paten	t Granted		
Srno	Basic Details						Amount Spent towards Patent Filing (in	n Rupees)

61	Financial Year	2016-17			Institution Own Fund	300000.00	
	Title of Patent	Optical Nanosensor	for Early Stage	Detection of Bactocera	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 A	pplication Filed		International			
	Current Status (a	as of 31st March 2018)		Application under Examination			
62	Financial Year	2016-17			Institution Own Fund	300000.00	
	Title of Patent	CMOS Wideband RF A	-	ain Roll-Off Compensation	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IB2016/053972	Inventors Typ	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent A	pplication Filed		International			
	Current Status (a	as of 31st March 2018)	Application Published				
63	Financial Year	2016-17			Institution Own Fund	300000.00	
	Title of Patent	Process for Maki	ng Solid Hydrox	ylamine Nitrate	Sponsorship / Grant Fund	0.00	
	Patent Applicati No	on PCT/IB2016/054	509 Inventors	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
Srno	B äyi æDoft Pils ent A	pplication Filed		International	Amount Spent towards Patent Filing (i	n Rupees)	

Current Status	s (as of 31st Marci	n 2018)				
Financial Year	2016-17		Institution Own Fund	100000.00		
Title of Patent	· •	-	_	oar Puncture Using	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	t Application Filed	1	National			
Current Status	s (as of 31st Marci	າ 2018)	Application under Examination			
Financial Year	2016-17				Institution Own Fund	100000.0
	Energy Storage D	Device with Substr	_	ted Core Shell Nano	Sponsorship / Grant Fund Total Amount Spent towards Patent	100000.00 0.00 100000.00
Year Title of	Energy Storage D		Thereof	ted Core Shell Nano nd Faculty	Sponsorship / Grant Fund	0.00
Year Title of Patent Patent Application No	Energy Storage D	odes and Method Inventors Type	Thereof		Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00
	Financial Year Title of Patent Patent Application No Type of Patent	Financial Year 2016-17 Title of Spinal Needle Fibre Bragg Grave Patent 201641021502 Application No Type of Patent Application Filed	Title of Spinal Needle Force Monitoring I Fibre Bragg Grating Force Device Patent 201641021502 Inventors Application Type	Financial Year 2016-17 Title of Spinal Needle Force Monitoring During Lumb Fibre Bragg Grating Force Device Patent 201641021502 Inventors Type Student Type of Patent Application Filed National Current Status (as of 31st March 2018) Application Application Filed Application Filed Application Application Filed Application Application Filed	Financial Year 2016-17 Title of Spinal Needle Force Monitoring During Lumbar Puncture Using Fibre Bragg Grating Force Device Patent 201641021502 Inventors Type Type of Patent Application Filed National Current Status (as of 31st March 2018) Application under	Financial Year 2016-17 Title of Spinal Needle Force Monitoring During Lumbar Puncture Using Fibre Bragg Grating Force Device Patent Patent 201641021502 Inventors Type Type of Patent Application Filed National Current Status (as of 31st March 2018) Institution Own Fund Sponsorship / Grant Fund Total Amount Spent towards Patent Filing (in Rupees) Total Amount Spent towards Patent Filing (in Rupees)

Title of Patent	Shock Wave D	ispersed Nano Be	am Epitaxy (SD-NBE)	Sponsorship / Grant Fund	0.00	
Patent Applicati No	on 6743/CHE/20	15 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
Type of Patent A	pplication Filed	'	National			
Current Status (a	as of 31st March 20	18)	Application under Examination			
Financial Year	2016-17			Institution Own Fund	100000.00	
Title of Patent			ith Defects for High	Sponsorship / Grant Fund	0.00	
Patent Application No	201641017315	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0	
Type of Patent A	pplication Filed		National			
Current Status (a	as of 31st March 20	18)	Application under Examination			
Financial Year	2016-17		Institution Own Fund	100000.00		
Title of Patent				Sponsorship / Grant Fund	0.00	
Patent Application No	201641013093	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0	
nType-of-Patent A	application Filed		National	Amount Spent towards Patent Filing (ir	Pupos)	
	Patent Application No Type of Patent A Current Status (a Financial Year Title of Patent Application No Type of Patent A Current Status (a Financial Year Title of Patent Patent Application No	Patent Application No Type of Patent Application Filed Current Status (as of 31st March 20 Financial Year 2016-17 Title of Patent Semiconductor Efficiency Emisson Patent 201641017315 Application No Type of Patent Application Filed Current Status (as of 31st March 20 Financial Year 2016-17 Title of A Method and a System Precipitated Silica for Patent 201641013093 Application 201641013093	Patent Application No	Patent Application No 6743/CHE/2015 Inventors Type Student and Faculty Type of Patent Application Filed National Current Status (as of 31st March 2018) Application under Examination Financial Year 2016-17 Title of Patent Semiconductors Nanocrystals with Defects for High Efficiency Emission Patent Application No 201641017315 Inventors Type Type of Patent Application Filed National Current Status (as of 31st March 2018) Application under Examination Financial Year 2016-17 Title of Patent A Method and a System for Generation of High Performance Precipitated Silica from Rice Husk Ash Patent Application No 201641013093 Inventors Type Student and Faculty	Patent Application No 6743/CHE/2015 Inventors Type Student and Faculty Type of Patent Application Filed National Current Status (as of 31st March 2018) Application under Examination Financial Year 2016-17 Title of Patent Semiconductors Nanocrystals with Defects for High Efficiency Emission Patent Application No 10 Inventors Student and Faculty Type Student and Faculty Total Amount Spent towards Patent Filing (in Rupees) Financial Year 201641017315 Inventors Student and Faculty Type Student and Faculty Total Amount Spent towards Patent Filing (in Rupees) Financial Year 201641017315 National Current Status (as of 31st March 2018) Application under Examination Financial Year 2016-17 Title of A Method and a System for Generation of High Performance Patent Precipitated Silica from Rice Husk Ash Patent Application No Student and Faculty Application No Student Application No Student Application No Student Application No Student Application No S	

1, 10.40				ArtinA Atal Italiking of Institutions of the	iovation / tornevernerite	
	Current Status (a	as of 31st March 2	018)			
69	Financial Year	2016-17		Institution Own Fund	100000.00	
	Title of Patent	Graphene- S Sensor	ilver Nanocompo	osite Films for Temperature	Sponsorship / Grant Fund	0.00
	Patent Applicati No	on 2016410125	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	pplication Filed		National		
	Current Status (a	es of 31st March 2	018)	Application under Examination		
70	Financial Year	2016-17		Institution Own Fund	100000.00	
	Title of Patent	Anisotropic Nana Alloys and a Met		urface of Titanium and Its	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 A	pplication Filed		National		
	Current Status (a	as of 31st March 2	018)	Application under Examination		
71	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent Basic Details			uating the Swirler in a	Sponsorship / Grant Fund	0.00
Srno	Racic Details	Combustor			Amount Spent towards Patent Filing (in	Riinees)

					<u>'</u>		rotal Amount Spent towards Patent	300000.00
	Patent Appli No	cation	PCT/IB2016	/055940	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Pate	nt Applio	ation Filed			International		
	Current Stat	us (as of	31st March 2	018)		Application Published		
2	Financial Year	2016-17	7				Institution Own Fund	100000.00
							Sponsorship / Grant Fund	0.00
	Patent Nano-SI		and Fabricatio tructured Sub ectronic Devic	strate for	Use in Light H		Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Patent Application No	201641	024404 Inv	1024404 Inventors Type		t and Faculty		
	Type of Pate	nt Applic	ation Filed		Nationa	al		
	Current Stat	us (as of	31st March 2	018)	Applica	tion under Examination		
3	Financial Yea	ar 2	016-17				Institution Own Fund	100000.00
	Title of Pate		anogels Meth oltrichia Cons		evices There	of for Managing	Sponsorship / Grant Fund	0.00
	Patent Application I		01641024309	Invento Type	ors Stud	dent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pate	nt Applic	ation Filed		Nat	ional		
Srno	Basic Details Current Stat	us (as of	31st March 2	018)	Арр	olication under	Amount Spent towards Patent Filing (in	Rupees)

1, 10.49						ARIIA Atai Ranking of institutions t	II IIII OVALIOII 7 IOIII OVOITIONIO	
						Examination		
74	Financial Year	2016-1	17				Institution Own Fund	100000.00
							Sponsorship / Grant Fund	0.00
	Title of Patent					daptation of Two-OR Multi- Response Target	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	20164	1024048	Inventors Type		Student and Faculty	Timing (iii Repects)	
	Type of Paten	t Applic	ation File	d		National		
	Current Status	s (as of	31st Marc	h 2018)		Application under Examinat	on	
75	Financial Year 2016-17						Institution Own Fund	100000.00
	Title of Paten	t	Encryptio	n and [Decryption	of Messages	Sponsorship / Grant Fund	0.00
	Patent Application 2016410		20164102	023730 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Paten	t Applic	ation File	d		National		
	Current Status (as of 31st March 2018)					Application under Examination		
76	Financial Year	20	016-17				Institution Own Fund	100000.00
	Title of Paten	t La	ayered Silic	on Rub	ber Carboi	n Nano Composites for	Sponsorship / Grant Fund	0.00
Srno	Basic Details		lectromag			'	Amount Spent towards Patent Filing	(in Rupees)

1, 10.40				Artin Atal Italiting of Institutions of the	TOTAL AMOUNT SPENT CONGRES FACEIR	100000.00
	Patent Application No	201641023148	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Patent App	olication Filed		National		
	Current Status (as	of 31st March 201	8)	Application under Examination		
77	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Active Walking	and Measuring	Gait Intention from Waist	Sponsorship / Grant Fund	0.00
	Patent Application No	201641025258	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	olication Filed	-	National		!
	Current Status (as	of 31st March 201	8)	Application under Examination		
78	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Exchange Gas System	Conductivity Ba	ased Temperature Control	Sponsorship / Grant Fund	0.00
	Patent Application	Patent Application 201641025113 Inventors No Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	olication Filed	·	National		
	Current Status (as	of 31st March 201	8)	Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (ir	D

79	Financial Year	2016-17			Institution Own Fund	300000.00
	Title of Patent	Eigen Augmentatio	n Methods for	Electromagnetic Modelling	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/05029	5 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Ap	plication Filed		International		
	Current Status (as	of 31st March 2018)		Application under Examination		
30	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Electromagnatic	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 Ap	plication Filed		National		
	Current Status (as	of 31st March 2018)		Application under Examination		
31	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Self Assembled Na Method Thereof	nowires on Str	uctured Substrates and	Sponsorship / Grant Fund	0.00
	Patent Application No		nventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details Type of Patent Ap			National	Amount Spent towards Patent Filing (in	n Rupees)

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	Current Status (as of	² 31st March 2018))		cation under nination		
82	Financial Year	2016-17				Institution Own Fund	300000.00
	Title of Patent	Chimeric Plant I	Based Virus	ilike Parti	cles and Uses Thereof	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2016/05	0316 Inve	entors e	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Appli	cation Filed			International		
	Current Status (as of	² 31st March 2018))		Application Published		
83	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	Graphene Oxide Application	Platinum Nanocomp		osite for Sensor	Sponsorship / Grant Fund	0.00
	Patent Application 201641031595		Inventors Type	Stu	dent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed		National			
	Current Status (as of	² 31st March 2018))	' '	olication under mination		
84	Financial Year	2016-17				Institution Own Fund	100000.00
Srno	BāitlepetBatent	Multidimensio	onal Fluid Fo	ocusing De	evice	ASRONSOSSERVEGGENUS (in	n Rußees)

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	Patent Application No	201641031489	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation 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 Neona	tal Monitoring		Sponsorship / Grant Fund	0.00
	Patent Application No		Inventors Si	cudent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed	N	ational		
	Current Status (as of	31st March 2018)		pplication under xamination		
86	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	A Microscope Mo	untable Fluid Shea	nr Device	Sponsorship / Grant Fund	0.00
	Patent Application No		Inventors SI Type	cudent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appli	cation Filed	N	ational		
	Current Status (as of	31st March 2018)		pplication under kamination		
87 Srno	B Eiste Deith Ne ar 201	6-17			A instibitispe Owow and s Patent Filing (in	RL00000 .00

	Title of			-		perature Application and	Sponsorship / Grant Fund	0.00
	Patent Patent Application No	15/11867	_	Such Alloys			Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	nt Application	Filed			National		
	Current Statu	ıs (as of 31st	March 2018	3)		Application Published		
88	Financial Year	2016-17					Institution Own Fund	100000.00
	Title of A Parallel Pl Patent Brought by		-	_		e with High Sensitivity and Area	Sponsorship / Grant Fund Total Amount Spent towards Patent	100000.00
	Patent Application No	2016410265	43 Inven	tors Type	Stud	dent and Faculty	Filing (in Rupees)	
	Type of Pater	nt Application	Filed		Nati	ional		
	Current Statu	ıs (as of 31st	March 2018	3)	Арр	lication under Examination		
39	Financial Yea	г 201	5-17				Institution Own Fund	100000.00
	Title of Pater	nt Dua	Fin SCR ES	D Protectio	n Dev	ice	Sponsorship / Grant Fund	0.00
	Patent Applio	cation 201	41003771	Inventors Type	S	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
		nt Application	=-1 1			National		1

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	Current Status (as of	f 31st March 2018)	Application under Examination		
90	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Low Trigger and Technologies	Holding Volta	ge SCR for Non-Planar	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 Appli	ication Filed		National		
	Current Status (as of	f 31st March 2018)	Application under Examination		
91	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Non-Planar Esd	Protection Dev	vices 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 Appli	ication Filed		National		
	Current Status (as of	f 31st March 2018)	Application under Examination		
92	Financial Year	2016-17			Institution Own Fund	10000.00
	Title of Patent	Molecular Semic	onductors for	Singlet Fission	Sponsorship / Grant Fund	0.00
Srno	Basic Details Patent Application	201741002904	Inventors	Student and Faculty	Amount Spent towards Patent Filing (in Total Amount Spent towards Patent	Rupees) 10000.00

	No		Ty	уре		Filing (in Rupees)		
	Type of Patent A	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 Biosenso				tection of Pathogenic	Sponsorship / Grant Fund	0.00	
	Patent 201641044659 Inventors Application No				Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent A	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	r Electros	static Disch	arge Protection Device	Sponsorship / Grant Fund	0.00	
	Patent Applicat No	Patent Application 20164104418		nventors ype	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent A	Application Filed			National			
	Current Status (as of 31st March	2018)		Application under Examination			
C	rno Basic Details					Amount Spent towards Patent Filing (in	n Dunasa)	

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95	Financial Yea	ar 20)16-17					Institution Own Fund	100000.00	
	Title of Pate		atform of La	_		le Island	with Lateral Orientation	Sponsorship / Grant Fund	0.00	
	Patent Application I		P16206015	Invento Type	ors	Stude	ent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Pate		cation File	d		Natio	onal			
	Current Stat	us (as of	31st Marc	h 2018)		Appli	cation under Examination			
96	Financial Yea	er.	2016-17					Institution Own Fund	100000.00	
	Title of Pate	nt	Zinc-Air B	attery an	d Metho	od There	of	Sponsorship / Grant Fund	0.00	
	Patent Application 20164104280				nventor Type	r s S	itudent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Pate	nt Appli	cation File	d		١	National			
	Current Stat	us (as of	31st Marc	h 2018)			Application under Examination			
97	Financial	2016-1	7					Institution Own Fund	100000.00	
	Year	NA	avez Diana	. 1 1 1	Dd D	Danvissih	. Canada and Associated	Sponsorship / Grant Fund	0.00	
	Title of Patent		nics Opera			_	y Sensor and Associated emperature	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Patent Application	20164	1042684	Inventor	s Type	Stude	nt and Faculty	Tanig (iii Ropecs)		
Srno	No Basic Details							Amount Spent towards Patent Filing (i	n Rupees)	

	Type of Pater	t Appli	cation Filed	d		Natio	onal		
	Current Statu	ıs (as of	31st Marcl	า 2018)		Appl	ication under Examination		
98	Financial Year	2016-	17					Institution Own Fund	100000.00
	Title of Patent		_	g Protein Binding Sites and Cor e Labelling and Surface Display				Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00
	Patent 201641042053 Inventors T Application No				ors Type	Student and Faculty		Filing (in Rupees)	
	Type of Pater	ıt Appli	cation Filed	i		Nati	onal		
	Current Status (as of 31st March 2018)						lication under Examination		
9	Financial Year 2016-17							Institution Own Fund	100000.0
	Title of Pater	Oxide Patent Application 20164		Sensors Based on Crumpled S Oxide			ts of Reduced Graphene	Sponsorship / Grant Fund	0.00
	Patent Applic			37892 Inventors Type		Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	ıt Appli	cation Filed	i			National		
	Current Statu	Current Status (as of 31st March 2018)					Application under Examination		
00 irno	BEinancial Yea	г 20	16-17					Alnstitution Aws Funds Patent Filing (in	100000.0 Rupees)

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	Title of Patent	A Gate Driver f	_	ous Buck Con	verter with Normally on	Sponsorship / Grant Fund	0.00
	Patent Application No	201641041580	Inventor Type	s Stude	ent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application Filed		Natio	onal		
	Current Status	(as of 31st March	2018)		ication under nination		
01	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	A Method of Qua			f Glycated Hemoglobin	Sponsorship / Grant Fund Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	201641041349	Inventors T	Type Studer	nt and Faculty	Titing (iii Kupees)	
	Type of Patent	Application Filed		Nation	al		
	Current Status	(as of 31st March	2018)	Applica	ation under Examination		
02	Financial Year	2016-17				Institution Own Fund	300000.00
	Title of Patent	Metal Cata Thereof	lysts and Pro	ocess for the	Preparation of Catalysts	Sponsorship / Grant Fund	0.00
	Patent Applica	Patent Application PCT/IN2016/050432 Invent No Type			Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
Srno	B T 9jseDsft Bilt ent	Application Filed			International	Amount Spent towards Patent Filing (in	n Rupees)

	Current State	us (as o	f 31st Mar	ch 2018)		Application Published		
103	Financial Year	2016-	17				Institution Own Fund	300000.00
	Title of Patent	A Method of Residue Proximity Inform Discrimination Using Saturation Suppr					Sponsorship / Grant Fund Total Amount Spent towards Patent	300000.00
	Patent Application No	PCT/IN2016/050413		-		Student and Faculty	Filing (in Rupees)	
	Type of Patent Application Filed					International		
	Current Status (as of 31st March 2018)					Application Published		
104	Financial Yea	ancial Year 2016-17					Institution Own Fund	100000.00
	Title of Pate	Platform of Large Metal Nitride and Low Defect Density			e Island	with Lateral Orientation	Sponsorship / Grant Fund	0.00
	Patent Application N		5/462294	Inventors Type	Stude	nt and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pate	nt Appl	ication Filo	ed	National			
	Current Status (as of 31st March 2018) Applic					cation under Examination		
105	Financial Yea	ır	2016-17				Institution Own Fund	100000.00
Srno	Basic Details Title of Pate	nt	Interacti	ive Gaze Controlle	d Projec	ted Display	Amount Spent towards Patent Filing (in	Rupees)

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	Patent Application No	201641037828	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
106	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	A DC-DC Hybrid (Converter with	Gallium Nitride and Silicon	Sponsorship / Grant Fund	0.00
	Patent Application No	201641035195	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
07	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Device to Facilita	ate Easy Move	ment of Passenger and	Sponsorship / Grant Fund	0.00
	Patent Application No	201641035019	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed	!	National		
	Current Status (as o	f 31st March 2018)	Application under		
	Basic Details			Examination	Amount Spent towards Patent Filing (in	

108	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	A Compliant Med	chanism for Si	mulatir	ng Endoscopy	Sponsorship / Grant Fund	0.00
	Patent Application No	201741003733	Inventors Type	,		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	cation Filed		Nat	cional		
	Current Status (as o	^F 31st March 2018)		Application under Examination			
109	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	Read Solomor	Decoders and	d Deco	ding Methods	Sponsorship / Grant Fund	0.00
	Patent Application No	201641025928 Invent		nventors Type Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	cation Filed	'		National		
	Current Status (as o	^f 31st March 2018)			Application Published		
110	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	Device and Meth Complexes	od for Detecti	on of H	Haemoglobin and Its	Sponsorship / Grant Fund	0.00
	Patent Application			Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Baykeput Batent Appl				ional	Amount Spent towards Patent Filing (in	

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	Current Status (as of 31st March 20	18)	Application under Examination		
111	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Device and Metho	-	tic and Electrochemical	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 A	Application Filed		National		
	Current Status (as of 31st March 20	18)	Application Published		
112	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Electrochemical and Its Complex		Method of Sensing Albumin	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 A	Application Filed		National		
	Current Status (as of 31st March 20	18)	Application under Examination		
113	Financial Year	2016-17			Institution Own Fund	100000.00
Srno	Title of Patent Basic Details	MEMS Speak	er		Sponsorship / Grant Fund Amount Spent towards Patent Filing (ii	0.00 n Rupees)

.1, 10.49	Patent Application			udent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent Ap	pplication Filed		Na	tional		
	Current Status (a	s of 31st March 2018	3)		plication under amination		
114	Financial Year	2016-17				Institution Own Fund	300000.00
	Title of Patent	System and Metho Hydrogen Generat		ıg Hydr	ogen Rich Syngas for	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/05010		Туре	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent Ap	pplication Filed			International		
	Current Status (a	s of 31st March 2018	3)				
115	Financial Year	2016-17				Institution Own Fund	100000.00
	Title of Patent	Platform of Large N		sland w	ith Lateral Orientation	Sponsorship / Grant Fund	0.00
	Patent Application No	2016- Invo 217393 Typ		Studer	nt and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Ap	pplication Filed		Nation	al		
	Current Status (a	s of 31st March 2018	·	Applic Examir	ation under nation		
Srno	Basic Details		!			Amount Spent towards Patent Filing (ir	Rupees)

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110	Financial Yea	r 2016	-17			Institution Own Fund	100000.00
	Title of Pater	nt Meth		ufacturing Co	omposite Solid Propellent	Sponsorship / Grant Fund	0.00
	Patent Applic	cation 2017	41008929	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	nt Application	Filed		National		
	Current Statu	us (as of 31st N	1arch 2018)	Application under Examination		
117	Financial Yea	г 2016	-17			Institution Own Fund	100000.00
	Title of Pater	m and Met guide	hod for Coup	oling Light into a Slot	Sponsorship / Grant Fund	0.00	
	Patent Applio	cation 2017	01741007981 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	nt Application	Filed		National		
	Current Statu	us (as of 31st N	1arch 2018)			
118	Financial	2016-17				Institution Own Fund	100000.00
	Year					Sponsorship / Grant Fund	0.00
	Title of Patent		-	ide Nanoshee an Method Th	ets Based Strain Sensor for nerefore	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent	201741007	104 Inve	ntors	Faculty	. King (iii Kapees)	
Srno	B ASIP livetatin		Туре			Amount Spent towards Patent Filing (i	n Rupees)

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	Type of Patent A	Application Filed		National	-	
	Current Status (as of 31st March	2018)	Application under Examination		
119	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Electrostatic Dis Robustness and	- , ,	tection Devices for ESD ity	Sponsorship / Grant Fund	0.00
	Patent Application No	201741006745	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		
120	Financial Year	2016-17			Institution Own Fund	100000.00
	Title of Patent	Finfet SCR	with SCR Implant	: Under Anode and Cathode	Sponsorship / Grant Fund	0.00
	Patent Applicat		746 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		
\$2rlo	Barie Matailear	2016-17			A កាទប្រកូរ៉ូទិកខ្ រុំវិត្តមុខក្រុំ Patent Filing (ir	Puposs)

https://www.ariia.gov.in/DSP/ARIIA2019/Data

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	Title of Pate	nt	Drain Exter	nded Tunnel Fie	eld 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 Pate	nt Applica	ation Filed		National			
	Current Stat	us (as of 3	31st March 2	018)	Application under Examination			
22	Financial Year	2016-1	17			Institution Own Fund	100000.0	
	Title of	Reduc	ed Granhene	o Ovide Nanom	aterial Coated Cotton Fabric as a	Sponsorship / Grant Fund	0.00	
	Patent		•	d a Method The		Total Amount Spent towards Patent Filing (in Rupees)	100000.0	
	Patent Application No	20174		nventors Type	Student and Faculty			
	Type of Pate	nt Applica	ation Filed		National			
	Current Stat	us (as of 3	31st March 2	018)	Application under Examination			
3	Financial Year	2016-17				Institution Own Fund	300000.00	
		Delient	7	N. F.Ch J. I.	intelle Proceed County	Sponsorship / Grant Fund	0.00	
	Title of Patent		Head and Ad		niaxially Pressed Ceramic et and Fabrication Method	Total Amount Spent towards Patent Filing (in Rupees)	300000.0	
	Patent	PCT/IB20	017/050590	Inventors	Student and Faculty			
no	BANG GETANS			Туре		Amount Spent towards Patent Filing (in	n Rupees)	

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	Type of Patent Appl	ication Filed		International		
	Current Status (as o	f 31st March 2018)	Application under Examination		
124	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Compliant Mec	hanism for Sim	ulating Endoscopy	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/0505	98 Inventor Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed	!	National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
125	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Microfluidic Dev	rices		Sponsorship / Grant Fund	0.00
	Patent Application No	201841012166	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
126	Financial Year	2017-18			Institution Own Fund	100000.00
Srno	Basic Details	Cuparcapduction	a Nanacayatal (Cheuchusa	Amount Spent towards Patent Filing (in	Rupees)

1, 10:49	ricle or Pateric	super conducting		IA Atal Ranking of Institutions on Inno I uccure	Sponsorship / Granc 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 Appl	ication Filed		National			
	Current Status (as o	f 31st March 2018)		Application under Examination			
127	Financial Year	2017-18			Institution Own Fund	300000.00	
	Title of Patent	Waveguide Taper l	for Coupling Wa	veguides of Optical	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IB2018/05150	O7 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent Appl	lication Filed		International			
	Current Status (as o	f 31st March 2018)		Application under Examination			
128	Financial Year	2017-18			Institution Own Fund	300000.00	
	Title of Patent	System and Metho	od for Coupling	Light into a Slot Waveguide	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IB2018/05145	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent Appl	ication Filed		International			
	Current Status (as o	f 31st March 2018)		Application under			
Srno	Basic Details			Examination	Amount Spent towards Patent Filing (ir	n Rupees)	

129	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Method of Manufa	acturing Compo	osite Solid Propellent Grains	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/0514	18 Inventors Type	Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		International		
	Current Status (as o	f 31st March 2018)		Application under Examination		
130	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Actuator Materia	ıl and Method T	hereof	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 Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)		Application under Examination		
131	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Alti-Tubercular Co	omposition Cor	mbinatorial Implementations	Sponsorship / Grant Fund	0.00
	Patent Application		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	Basic Details Type of Patent Appl			National	Amount Spent towards Patent Filing (ir	n Rupees)

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	Current Status (as o	f 31st March 2018)	Application under Examination		
132	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A method for joi	ining sheets us	sing single material self pierce	Sponsorship / Grant Fund	0.00
	Patent Application No	ent Application 201841006800 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
33	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Rivet for Joini	ng Workpieces	5	Sponsorship / Grant Fund	0.00
	Patent Application No	201841006806	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed	1	National		1
	Current Status (as o	f 31st March 2018)	Application under Examination		
		Financial Year 2017-18			Institution Own Fund	100000.00
134	Financial Year	2017-18				

	Patent Applica	ition	20184100608	1 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Applic	ation Filed		National		
	Current Status	s (as of	31st March 20	18)	Application under Examination		
135	Financial Year		2017-18			Institution Own Fund	100000.00
	Title of Patent	-	Mitigating In	stability by Act	uating the Swirler in a	Sponsorship / Grant Fund	0.00
	Patent Applica	ition		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	: Applic	ation Filed		National		
	Current Status	s (as of	31st March 20°	18)	Application under Examination		
136	Financial Year	2017-	18			Institution Own Fund	300000.00
	Title of Patent		ced Graphene C ng Device and a		erial Coated Cotton Fabric as a	Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00
	Patent Application No	PCT/II	B2018/050721	Inventors Type	Student and Faculty	Filing (in Rupees)	
	Type of Patent	Applic	ation Filed		International		
Srno	B esig Dat sil atus	s (as of :	31st March 20	18)	Application under	Amount Spent towards Patent Filing (in	n Rupees)

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				Examination		
137	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Hepatitis C Epito	pes and Mond	oclonal Antibodies	Sponsorship / Grant Fund	0.00
	Patent Application No	201741002367	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	
	Type of Patent App	lication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
138	Financial Year	2017-18			Institution Own Fund	300000.00
		Nanogels Methods Holtrichia Consang		hereof for Managing	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 App	lication Filed		International		
139	Current Status (as o	f 31st March 2018)	Application under Examination		
	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Wick Structure f	or a Heat Trans	sfer Device	Sponsorship / Grant Fund	0.00
Srno	Patent Application Basic Details No	201741025170	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Amount Spent towards Patent Filing (in Filing (in Rupees)	100000.00 Rupees)

	Type of Pater	nt Applicati	ion Filed			National		
	Current Statu	us (as of 31s	st March 2018))		Application under Examination		
140	Financial Yea	r 20	017-18				Institution Own Fund	100000.0
	Title of Pater	nt ES	SD Robust Tuni	nel FET			Sponsorship / Grant Fund	0.00
	Patent Application No		01741025123	23 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Type of Patent Application Filed					National		<u>'</u>
	Current Status (as of 31st March 2018)					Application under Examination		
141	Financial Year	2017-18					Institution Own Fund	100000.0
		NA . Ll l .		5 l.: A		in after OD Malti	Sponsorship / Grant Fund	0.00
	Title of Patent		nal Equalizer a		-	ion of Two- OR Multi- nse Target	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
	Patent Application No	2017-138	388 Invento	ors Type	Stude	ent and Faculty	Timing (in Repres)	
	Type of Patent Application Filed N					onal		
	Current Statu	ıs (as of 31s	st March 2018))	Appli	cation under Examination		
<u>дъ</u> о	Basic Details	r 20	017-18				Amount Spent towards Patent Filing (i	n Rupees)

		2011 10				
	Title of Patent	Recess Gate Supe	erjunction HEN	ИΤ	Sponsorship / Grant Fund	0.00
	Patent Application No	201741024695	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)		Application under Examination		
3	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Compound Pore	Metal Foam U	sing Specialized Dies	Sponsorship / Grant Fund	0.00
	Patent Application No	201741024393	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)		Application under Examination		
1	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Encryption and De	ecryption of M	essages	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/0502	89 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Appl	ication Filed		International		
	Current Status (as o	f 31st March 2018)		Application under	Amount Count housed Batast Fills - /	Duncas)
10	Basic Details			Examination	Amount Spent towards Patent Filing (in	ı Kupees)

145	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	A Buried Channe Transistor (HEM			High Electron Mobility ion	Sponsorship / Grant Fund	0.00
	Patent Application No	201741024073	Inventors Type	5	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application Filed		1	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 Graph Temperature S			nocomposite Films for	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2017/05			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		
47	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Patent	А Місго-Ѕс	ale Actuator			Sponsorship / Grant Fund	0.00
irno	Basic Details Batent Applicat	ion 20174102	0853 Inven	tors	Student and Faculty	Arogunk Spenit teyende Godfor Filipadi	n Rupees) 👊

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			.,,,,,		Timing (iii respects)	
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
148	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Hybrid Injecto	r 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 Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		
149	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Method and Dev	vice 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 Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018)	Application under Examination		

	Title of Patent	Asymmetric Du Effect Tansisto	_	mmable Thermionic Tunnel Field	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 A	application Filed		National			
	Current Status (a	as of 31st March 2	018)	Application under Examination			
51	Financial Year	2017-18			Institution Own Fund	100000.00	
	Title of Patent	Automated Fu Glaucoma Pres	_	cessing Techniques for	Sponsorship / Grant Fund	0.00	
	Patent Application No	20174101798	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent A	application Filed		National			
	Current Status (a	as of 31st March 2	018)	Application under Examination			
152	Financial Year	2017-18			Institution Own Fund	100000.00	
	Title of Patent	Methods and Sys		g Global Maximum Power	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 A	application Filed		National			
Srno	Basic Details Current Status (ae of 21ct March 2	Λ1Ω \	Application under	Amount Spent towards Patent Filing (in	n Rupees)	

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					Exami	nation		
153	Financial Year	2017-18					Institution Own Fund	100000.00
	Title of Patent		n of Powerline Learning Mach			e Sensed Images Using ELM-Seg)	Sponsorship / Grant Fund Total Amount Spent towards Patent	100000.00
	Patent Application No			Inventors Type Student		and Faculty	Filing (in Rupees)	
	Type of Pate	nt Applica	tion Filed		National	l		
	Current Status (as of 31st March 2018) App					ion under Examination		
154	Financial Yea	ŊΓ	2017-18				Institution Own Fund	100000.00
	Title of Pate	Title of Patent A Reusable Charge-T				l Agrogel	Sponsorship / Grant Fund	0.00
	Patent Application 20		201741016464 Inventors Type		tors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pate	nt Applica	ation Filed	'		National		
	Current Stat	us (as of 3	1st March 201	8)		Application Published		
155	Financial Yea	nr	2017-18				Institution Own Fund	100000.00
	Title of Pate	nt	Controlling Ele	ctrical Devi	ces		Sponsorship / Grant Fund	0.00
Srno	B esiceRekaji s li	cation	201741016231	Invento	- Ch	ıdent and Faculty	Arround from the state of the second policy of the	Dumasel or

	No		Туре		Filing (in Rupees)	
	Type of Patent App	lication Filed		National		
	Current Status (as o	of 31st March 201	8)	Application under Examination		
156	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent		_	J Tunable Air-Liquid or Liquid-	Sponsorship / Grant Fund	0.00
	Patent Application No	Liquid Interfaces 201741016235	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	lication Filed		National		
	Current Status (as o	of 31st March 201	8)	Application under Examination		
157	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Device for M	easuring Rheol	ogical Properties Of Granular	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 App	lication Filed		National		
	Current Status (as o	of 31st March 201	8)	Application under Examination		
Srno	Basic Details			!	Amount Spent towards Patent Filing (in	-

Financial Year	2017	'-18				Institution Own Fund	100000.00
		iconductor N	lanocrystals	5		Sponsorship / Grant Fund	0.00
		201741015228 Inventors Type		Stu	udent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Type of Patent /	Application	Filed		Na	tional		
Current Status (as of 31st N	March 2018)					
Financial Year	2017-18					Institution Own Fund	100000.00
Title of Patent		_	-	em for Th	nree Dimensional Power	Sponsorship / Grant Fund	0.00
Patent Application No	_	4912 Inve	ntors	Studer	nt and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Type of Patent A	Application	Filed		National			
Current Status (as of 31st N	March 2018)					
Financial Year	20	17-18				Institution Own Fund	100000.00
Title of Patent	No	Novel Inhibitors of Antiapoptotic Blc-2 Protein				Sponsorship / Grant Fund	0.00
Patent Applicat No	ion 20	1641014968	Invento	rs Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
				-			
	Title of Patent Patent Applicat No Type of Patent A Current Status (Financial Year Title of Patent Application No Type of Patent A Current Status (Financial Year Title of Patent A Current Status (Title of Patent Semi Patent Application No Type of Patent Application Current Status (as of 31st No Financial Year 2017-18 Title of Patent In Situ Poly Printing and Patent Application No Type of Patent Application Current Status (as of 31st No Financial Year 20174101 Application No Type of Patent Application Current Status (as of 31st No Financial Year 20 Title of Patent No Patent Application 20	Title of Patent Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year Title of Patent Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year 2017-18 Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year 2017-18 Title of Patent Novel Inhibitor Patent Application 201641014968	Title of Patent Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year Patent Application Filed Title of Patent Patent 2017-18 Title of Patent Printing and Process Thereof Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year 2017-18 Title of Patent Application Filed Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year 2017-18 Title of Patent Novel Inhibitors of Antiap Patent Application 201641014968 Inventor	Title of Patent Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year Patent Application In Situ Polymerisable Binder System for The Printing and Process Thereof Patent Application No Type of Patent Application Filed Nation No Type of Patent Application Filed Current Status (as of 31st March 2018) Patent Application No Type of Patent Application Filed Nation Current Status (as of 31st March 2018) Application Financial Year 2017-18 Title of Patent Novel Inhibitors of Antiapoptotic Inventors Type Patent Application 201641014968 Inventors Type	Title of Patent Patent Application No 201741015228 Inventors Type Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year Title of Patent In Situ Polymerisable Binder System for Three Dimensional Power Printing and Process Thereof Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Type of Patent Application Filed Current Status (as of 31st March 2018) Application under Examination Financial Year 2017-18 Title of Patent Application Filed National Current Status (as of 31st March 2018) Financial Year 2017-18 Title of Patent Novel Inhibitors of Antiapoptotic Blc-2 Protein Patent Application 201641014968 Inventors Type Student and Faculty	Title of Patent Patent Application No Type of Patent Application Filed Current Status (as of 31st March 2018) Financial Year 2017-18 Patent Application Patent In Situ Polymerisable Binder System for Three Dimensional Power Printing and Process Thereof Patent Application Filed District Patent Application Filed In Situ Polymerisable Binder System for Three Dimensional Power Printing and Process Thereof Patent Application No Type of Patent Application Filed National Current Status (as of 31st March 2018) Application under Examination Financial Year 2017-18 Financial Year 2017-18 Title of Patent Application Filed National Current Status (as of 31st March 2018) Application under Examination Financial Year 2017-18 Title of Patent Novel Inhibitors of Antiapoptotic Blc-2 Protein Patent Application 201641014968 Inventors Type Student and Faculty Total Amount Spent towards Patent Filing (in Rupees) Institution Own Fund Sponsorship / Grant Fund Total Amount Spent towards Patent Filing (in Rupees)

1, 10.49			AIX	IIA Atai Ranking of Institutions of Infin	ovation Admicvements		
	Current Status	(as of 31st March 201	8)	Application Published			
161	Financial Year	2017-18			Institution Own Fund	300000.00	
	Title of Patent	A Method and a Syst Precipitated Silica fr		n of High Performance	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IN2017/000082	Inventors Typ	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 201	8)	Application Published			
162	Financial Year	2017-18			Institution Own Fund	100000.00	
	Title of Patent	Waveguide Ta Elements	per for Coupling W	Vaveguides of Optical	Sponsorship / Grant Fund	0.00	
	Patent Applicat	20174101248	on 201741012488 Inventors Type		Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent	Application Filed		National			
	Current Status	(as of 31st March 201	8)	Application under Examination			
163	Financial Year	2017-18			Institution Own Fund	100000.00	
Srno	Title of Patent Basic Details	Method and D	evice for Tracking	Eye Movement of a Subject	Sponsorship / Grant Fund Amount Spent towards Patent Filing (i	0.00 n Rupees)	
	B-LL A1!1			culture and entitles	T-1-1 A C L	40000000	

21, 10:49	Patent Application	on 2018410	UUZ316	inventors	, .	of Institutions on Inno	Iocal Amount Spent towards Patent	100000.00
	No	2010410	002310	Туре	seddene dne	a racticy	Filing (in Rupees)	100000.00
	Type of Patent A	pplication Fil	ed		National			
	Current Status (a	as of 31st Mar	ch 2018)		Application Examination			
164	Financial Year	2017-18					Institution Own Fund	100000.00
	Title of Patent CMOS Wideband RF Amplifi for External Parasitics			-	vith Gain Roll-Off (Compensation	Sponsorship / Grant Fund	0.00
	Patent Application No	15/744155	Invento	ors Type	Student and Facu	ılty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	pplication Fil	ed		National			
	Current Status (a	as of 31st Mar	ch 2018)		Application unde	r Examination		
165	Financial Year 2017-18						Institution Own Fund	100000.00
	Title of Patent	A Portal	ble Electo	-Macheno	disgnostics Systen	n	Sponsorship / Grant Fund	0.00
	Patent Application 201741047106 No		047106	Inventors Type	Student and	d Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent A	pplication Fil	ed		National			
	Current Status (a	as of 31st Mar	ch 2018)		Application Examination			
\$ P \$90	Basic Details 2017-18						Amount Spect towards Patent Filing (in	Rupees).oo

https://www.ariia.gov.in/DSP/ARIIA2019/Data

	Title of Patent	Low Power Ele	ectrosta	itic Discharge	Protection Device	Sponsorship / Grant Fund	0.00	
	Patent Application No	PCT/IB2017/0	58334	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00	
	Type of Patent A	pplication Filed			International			
	Current Status (a	es of 31st March 20	018)		Application under Examination			
67	Financial Year	2017-18				Institution Own Fund	100000.00	
	Title of Patent	Laser Based Syst Adsorbent and A			orption Kinetics of	Sponsorship / Grant Fund 0.0		
	Patent Application No	201741045155	Invent Type	cors St	cudent and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.0	
	Type of Patent A	pplication Filed		N	ational			
	Current Status (a	es of 31st March 20	018)		pplication under kamination			
68	Financial Year	2017-18				Institution Own Fund	100000.00	
	Title of Patent	A Compliant	Hinge N	Леchanism		Sponsorship / Grant Fund	0.00	
	Patent Application	on 2017410450		ventors pe	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent A	pplication Filed			National			
rno	Current Status (a Basic Details	as of 31st March 20	018)		Application under Examination	Amount Spent towards Patent Filing (in	n Rupees)	

169	Financial Year		2017-18			Institution Own Fund	100000.00
	Title of Patent		Microstructured	l Electrodes an	d Method Thereof	Sponsorship / Grant Fund	0.00
	Patent Applica No	ation	201741045044	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Paten	t Applic	ation Filed		National		
	Current Status	s (as of	31st March 2018)	Application under Examination		
170	Financial Year		2017-18			Institution Own Fund	100000.00
	Title of Patent Switched Reluctance Device			ance Device		Sponsorship / Grant Fund	0.00
	Patent Applica No	ation	201741044551	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Paten	. Applic	ation Filed		National		
	Current Status	s (as of	31st March 2018				
171	Financial Year	2017-1	18		Institution Own Fund	100000.00	
		N4	a a Dankair Die P	- C'h I C	- C	Sponsorship / Grant Fund	0.00
	Title of Patent		ng Protein Bindin ne Labelling and S	-	nformational Epitopes Using Library	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	BBakenetails PCT/IN2017/050581 Inventors				Student and Faculty	Amount Spent towards Patent Filing (ir	Rupees)

1, 10.49	Applicacion			уре	ARIIA Atai Ranking of institutions on initio	Autor Admic vernerits	
	No			.,,,,			
	Type of Paten	t Application File	ed		National		
	Current Statu	s (as of 31st Mar	ch 2018)	Application under Examination		
172	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of Paten	t Micro-So	ale Ball	-and-Socket .	Joint	Sponsorship / Grant Fund	0.00
	Patent Applic No	ation 2017410)39295	Inventors Type	Student and Faculty Total Amount Spent towards Filing (in Rupees)		100000.00
	Type of Paten	t Application File	ed		National		
	Current Statu	s (as of 31st Mar	ch 2018)	Application under Examination		
173	Financial Year	2017-18				Institution Own Fund	100000.00
	Title of	A Reconfigurat	ole Powe	er Conversion	System And a Method For	Sponsorship / Grant Fund	0.00
	Patent	Enhanced Utiliz			-	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent Application No	201741041942	Inver Type		Student and Faculty	Titing (in Rupees)	
	Type of Paten	t Application File	ed		National		
	Current Statu	s (as of 31st Mar	ch 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 Metho	od for Detectin	g Creatinine and Albumin to	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 App	lication Filed		National	-	
	Current Status (as o	of 31st March 201	8)	Application under Examination		
175	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A Kit for Specif	ic Detection fo	r 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 App	lication Filed	<u> </u>	National		
	Current Status (as o	of 31st March 201	8)	Application under Examination		
176	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Clinical Sample	Storage Casse	ttes	Sponsorship / Grant Fund	0.00
	Patent Application No	201741040468	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
			-			!

1, 10.49			<i>P</i>	KRIIA Atai Rahking of Institutions on Infi	Ovalion Achievements	
	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 Sys	tem for Facilita	ating 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 Appli	cation Filed		National		
	Current Status (as of	² 31st March 2018)	Application under Examination		
178	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Dendritic Cells-T	ragetting Vaco	cine	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 Appli	cation Filed		National		
	Current Status (as of	² 31st March 2018)	Application under Examination		
179	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	MEMS Intergrat	ed Ultra-Low P	ower Nano-Wire Gas Sensor	Sponsorship / Grant Fund	0.00
Srno	Batent Application	201741036760	Inventors Type	Student and Faculty	ATOGALASPUNT SWEATUS PATENT FRENCH (IN FILING (IN RUDGES)	Rupees).00

1, 10.40			· · · · · · · · · · · · · · · · ·	A THA Atal I Talliking of Institutions of In	10.44401. Volucionio	
	Type of Patent Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018	3)	Application under Examination		
180	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	Ultra-low powe	r Gas MEMS Na	ano 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 Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018	3)	Application under Examination		
181	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A memory device	e comprising Al	luminium oxide phosphate	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 Appl	ication Filed		National		
	Current Status (as o	f 31st March 2018	3)	Application under Examination		
182 Srno						

	Title of Patent	Wearable Laser Po	ointer for Auto	motive User Inerface	Sponsorship / Grant Fund	0.00
	Patent Application No		Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent App	lication Filed		National		·
	Current Status (as o	of 31st March 2018)		Application under Examination		
183	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Wearable Laser Poi	nter for Autom	notive User Interface	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IB2018/05768	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent App	lication Filed		International		
	Current Status (as o	of 31st March 2018)		Application under Examination		
184	Financial Year	2017-18			Institution Own Fund	300000.00
	Title of Patent	Multidimensional F	luid Focusing [Device	Sponsorship / Grant Fund	0.00
	Patent Application No	PCT/IN2017/05039	9 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent App	lication Filed	*	International		•
	Current Status (as o	of 31st March 2018)		Application under Examination		
Srno	Basic Details				Amount Spent towards Patent Filing (in	n Rupees)

185	Financial Yea	г 2017-18	3			Institution Own Fund	100000.00
	Title of Pater	nt Area Sp	ecific Metall	ic Foams by	Friction Stir Processing	Sponsorship / Grant Fund	0.00
	Patent Applie	cation 201741		ventors pe	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	nt Application Fil	led		National		
	Current Statu	us (as of 31st Mai	rch 2018)		Application under Examination		
186	Financial Yea	г 2017-18				Institution Own Fund	100000.00
	Title of Pater	Device fo	or Neonatal N	Monitoring		Sponsorship / Grant Fund	0.00
	Patent PCT/IE Application No		017/055265	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Pater	nt Application Fil	led				
	Current Statu	ıs (as of 31st Mai	rch 2018)		Application under Examination		
187	Financial	2017-18		Institution Own Fund	100000.00		
	Year					Sponsorship / Grant Fund	0.00
	Title of Patent	Selective Manip Magnetic-Plasm		_	of Colloidal Particles by Spatial Control	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Patent	201741031139	Inventors	Type Stu	ident and Faculty	i king (iii kupees)	
Srno	Application Basic Details					Amount Spent towards Patent Filing (in	Dupos)

nancial Year tle of Patent stent oplication No	Sequencing 15/554592	ccelerator for Alig Platforms Inventors Type	Application under Examination gnment of Short Reads in Student and Faculty National Application under	Institution Own Fund Sponsorship / Grant Fund Total Amount Spent towards Patent Filing (in Rupees)	100000.00
tle of Patent atent oplication No	Hardware Address Sequencing 15/554592 Application Filed	Platforms Inventors Type	Student and Faculty National	Sponsorship / Grant Fund Total Amount Spent towards Patent	0.00
itent oplication No ope of Patent	Sequencing 15/554592 Application Filed	Platforms Inventors Type	Student and Faculty National	Total Amount Spent towards Patent	
pplication No	15/554592 Application Filed	Inventors Type	National		100000.0
ırrent Status	as of 31st March	n 2018)	Application under		
			Examination		
nancial ear	2017-18			Institution Own Fund	100000.0
	A AA-4b - J J A-		- dekine Tierie - De sour en fee	Sponsorship / Grant Fund	0.00
tle of itent	Two-Dimensional	•	polative Timing Recovery for ding Systems	Total Amount Spent towards Patent Filing (in Rupees)	100000.0
itent oplication o	201741029846	Inventors Type	Student and Faculty	Timing (in respector)	
pe of Patent	: Application Filed	j	National		
ırrent Status	(as of 31st March	າ 2018)	Application under Examination		
pe ·	of Patent	of Patent Application Filed		of Patent Application Filed National	of Patent Application Filed National

1, 10:49				ARIIA Atal Ranking of Institutions on Inno	ovation Achievements	
	Title of Patent			e Phase Converter with Reduced	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 Ap	olication Filed		National		
	Current Status (as	of 31st March 20	018)	Application under Examination		
191	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A DC-DC Hyb Transistors	rid Converter v	with Gallium Nitride and Silicon	Sponsorship / Grant Fund	0.00
	Patent Application	EP17184920	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent Ap	olication Filed		National	-	
	Current Status (as	of 31st March 20	018)	Application under Examination		
192	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent	A DC-DC Hyb Transistors	rid Converter v	with Gallium Nitride and Silicon	Sponsorship / Grant Fund	0.00
	Patent Application	15/668907	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
Srno	BaşifeDetailent Ap	olication Filed		National	Amount Spent towards Patent Filing (in	n Rupees)

						1 3		
	Current Status (as of 31st March 2018)					plication under amination		
193	Financial Year	2017-	18				Institution Own Fund	100000.00
	Title of Patent A Gate Driver with Bipo			h Bipolar	ar Bootstrap Capability		Sponsorship / Grant Fund	0.00
	Patent Applica No	tion 20174	1027819	7819 Inventors Type		Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application F	iled			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 Convert On Transistors and Method Thereof				s Incorporating Normally	Sponsorship / Grant Fund	0.00
	Patent Application No	15/669421	Inventor	s Type	Student and Faculty		Total Amount Spent towards Patent Filing (in Rupees)	100000.00
	Type of Patent	Application F	iled		National			
	Current Status	Current Status (as of 31st March 2018)			Applio	cation under Examination		
195	Financial Year	2017-18					Institution Own Fund	100000.0
Srno	Title of Basic Details Patent	Gate Driver On Transisto				s Incorporating Normally	Sponsorship / Grant Fund Amount Spent towards Patent Filing (in	0.00 Rupees)

				· ·			
	Patent Application No	2017-151786	Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	100000.00	
	Type of Patent	: Application Fil	ed	National			
	Current Status	s (as of 31st Mar	rch 2018)	Application under Examination			
96	Financial Year	2017-18			Institution Own Fund	100000.0	
	Title of Patent		rcuit for Power Cor and Method There	nverters Incorporating Normally eof	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	s (as of 31st Mar	rch 2018)	Application under Examination			
97	Financial Year	2017-18			Institution Own Fund	100000.00	
	Title of Patent		paratus for Joint A ualizer and Partial	daptation of Two-OR Multi- Response Target	Total Amount Spent towards Patent	100000.0	
	Patent Application No	15/648985	Inventors Type	Student and Faculty	Filing (in Rupees)		
		: Application Fil	ed	National			
rno	Basic Details	. /E 74-L M	-L 2040)	Datast Caratad	Amount Spent towards Patent Filing (i	n Rupees)	

1, 10:49	Current Status (as	OF 5 ISC MARCH ZU 18)		Atal Ranking of Institutions on Inno	Valion Adheventerits	
198	Financial Year	2017-18			Institution Own Fund	100000.00
	Title of Patent Read Solomon Decoders and D			ecoding Methods	Sponsorship / Grant Fund	0.00
	Patent Application	No 15/660940	Inventors Type	Student and Faculty	Total Amount Spent towards Patent	100000.00
	Type of Patent App	olication Filed		National	Filing (in Rupees)	
	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 20174100784	5 Inventors Typ	Student and Faculty	Total Amount Spent towards Patent	100000.00
	Type of Patent App	olication Filed		National	Filing (in Rupees)	
	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/IB2018/06010	2 Inventors Type	Student and Faculty	Total Amount Spent towards Patent Filing (in Rupees)	300000.00
	Type of Patent App	olication Filed	'	International		
	Current Status (as	of 31st March 2018)		Application under		
Srno	Basic Details			Examination	Amount Spent towards Patent Filing (i	n 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 Yea	эг		2015-16			Total Amount Spent towards Patent Maintenance			
	Name of the		tive Technology ansferred	A Harvest	ing Machine	2	Commercialization Expenses (in Rupees) (As of 3 2018)	31st March		
	Patent No	NA	Type of Patent	National	Year of	2015	Institute Own/Internal Fund (in Rupees)	0.00		
	i dedire ivo			Patent Issued	20.5	Sponsorship / Grant Fund	0.00			
	Conversion	of Dakor	at / Innovative Tech			ination	Total Amount Spent towards Patent Maintenance & 0.00 Commercialization Expenses (in Rupees) as of 31st March 2018			
			nt / Innovative Tech	nologies to C						
	Mode of Cor	nmercia	alization		Conversior Start-up	n into	Total Revenue Amount from Commercialization			
	Name of Age		Org / Industry / Start	t-up	Sickle Inno	vations	Technologies (General Consultancy and Testing Fee Excluded)			
	Adopted let	.iiiiotog	у				Patent Licensing and Royalty	2950000.00		
Şrno							Technology Transfer/Turnkey Project	0.00		
							Total Revenue Generated (As of 31st March 2018)	2950000.00		
	Basic Details									

	the Innovative Tec	Microfluic	lic Device		
Patent No	3020/CHE/2014	Type of Patent	National	Year of Patent Issued	2015

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

Commercialization Expenses (in Rupees) (As of 31st N 2018)	1 arch
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

Technologies (General Consultancy and Testing Serv Fee Excluded)	vices
Patent Licensing and Royalty	0.00
Technology Transfer/Turnkey Project	0.00
Total Revenue Generated (As of 31st March 2018)	0.00

Total Revenue Amount from Commercialization of

Total Amount Spent towards Patent Maintenance &

Financia	l Year		2015-16			
Name of the Innovative Technology Commercialized/Transferred			Novel Technique for Hypersonic Drag Control Using Heat Addition in the Shock Layer			
Patent No	1583/CHE/2007	Type of Patent	National	Year of Patent	2015	

Basic Peting of Patent / Innovative Technologies to Commercialization

Commercialization Expenses (in Rupees) (As of 31st 2018)	March
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

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10:49				AR	IIA Atal Ranki	ng of Instituti	ons on Innovation Achievements		
	Mode of Commercialization Name of Agency / Org / Industry / Start-up		t-up S	Licensing to ndustry Superwave		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Service Fee Excluded)			
	Adopte	d Technology			Technologie	?S	Patent Licensing and Royalty 62	889.00	
							Technology Transfer/Turnkey Project 0.0	00	
							Total Revenue Generated (As of 31st March 2018)	889.00	
4	Financia	Financial Year 2015-16				Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st Mar			
		f the Innovative Tech rcialized/Transferred		A device for e	_	-	2018)		
	Patent	PCT/IN2010/00254	Type of	International	Year of	2015	Institute Own/Internal Fund (in Rupees)	0.00	
	No		Patent		Patent Issued		Sponsorship / Grant Fund	0.00	
							Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
	Convers	ion of Patent / Innov	ative Tech	nologies to Co	mmercializ	ation			
	Mode o	f Commercialization			icensing to ndustry		Total Revenue Amount from Commercialization of	•	
	Name of Agency / Org / Industry / Start-up Adopted Technology				Superwave		Technologies (General Consultancy and Testing Service Fee Excluded)		
	Adopte	u recimology			Гесhnologie	:3	Patent Licensing and Royalty	0.00	
							Technology Transfer/Turnkey Project	0.00	
rno	Basic Del	11-					Total Revenue Generated (As of 31st March 2018)	0.00	

Financi	al Year	2015-16						
Techno	of the Innovative logy prcialized/Transfe	erred		r treatment of sam ck waves and meth	•			
Patent No	454/CHE/2005	Type of Patent	National Year of Patent 2 Issued					

Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st / 2018)	March
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 or 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 Servi Fee Excluded)	ces
Patent Licensing and Royalty	0.00
Technology Transfer/Turnkey Project	0.00
Total Revenue Generated (As of 31st March 2018)	0.00

6	Financia	l Year	2015-16				
		f the Innovative Technoricialized/Transferred	A device for simulating endoscopy and a system thereof				
	Patent No	PCT/1B2015/055251	Type of Patent	International	Year of Patent	2015	
Srno	Basic Det	ails	rocenc		Issued		

Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st M 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	0.00						

						March 2018		
Convers	sion of Patent / Innova	itive Tech	nologies to C	ommercializ	zation			
Mode of	f Commercialization			Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Serv Fee Excluded)		
Name of	f Agency / Org / Indus	try / Star	t-up Adopted	Mimyk		Patent Licensing and Royalty	0.00	
reciliot						Technology Transfer/Turnkey Project	0.00	
						Total Revenue Generated (As of 31st March 2018)	0.00	
Financia	al Year		2016-17			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st M		
	f the Innovative Techn rcialized/Transferred	ology	Device and Detection o Its Complex	f Haemoglob	oin and	2018) Institute Own/Internal Fund (in Rupees)		
Patent	PCT/IB2015/056832	Туре	Internation			Sponsorship / Grant Fund	0.00	
No		of Patent		Patent Issued		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
Convers	sion of Patent / Innova	itive Tech	nologies to C	ommercializ	zation		<u>'</u>	
Mode of	f Commercialization		Lic	ensing to Inc	dustry	Total Revenue Amount from Commercialization of		
	f Agency / Org / Indus	try / Star	-	thShodh ealthcare Pvt	. I F.d	Technologies (General Consultancy and Testing Serv Fee Excluded)	ices	
Adopted	d Technology		П	allicale PVL	. LLU	Patent Licensing and Royalty	0.00	
						Technology Transfer/Turnkey Project	0.00	
asic Det	tails					Total Revenue Generated (As of 31st March 2018)	0.00	

Srno

				I					
8	Financia	l Year		2016-17			Total Amount Spent towards Patent Maintenance &		
		f the Innovative Techn cialized/Transferred	Electrochem a method of and its comp	sensing Alb		Commercialization Expenses (in Rupees) (As of 31st I 2018) Institute Own/Internal Fund (in Rupees)	0.00		
	Patent	PCT/IB2015/056619	Туре	International Year			Sponsorship / Grant Fund	0.00	
	No		of Patent		Patent Issued		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
	Convers	ion of Patent / Innova	nologies to Co	mmercializ	ation				
	Mode of	Commercialization		Licensing to Industry			Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Servi	ces	
		f Agency / Org / Indus d Technology	try / Star	-	hShodh althcare Pvt	Ltd	Fee Excluded)		
							Patent Licensing and Royalty	0.00	
							Technology Transfer/Turnkey Project	0.00	
							Total Revenue Generated (As of 31st March 2018)	0.00	
9	Financia	ıl Year		2016-17			Total Amount Spent towards Patent Maintenance &		
		Name of the Innovative Technology Commercialized/Transferred			nethod for eatinine and		Commercialization Expenses (in Rupees) (As of 31st I	Marcn	
					eatinine rat		Institute Own/Internal Fund (in Rupees)	0.00	
	Patent	PCT/IB2016/050311	Туре	International	Year of	2016	Sponsorship / Grant Fund	0.00	
Srno	No Basic Det	aile	of		Patent		Total Amount Spent towards Patent Maintenance &		

	1		l			Commercialization Expenses (in Rupees) as of 31st March 2018		
Convers	sion of Patent / Ir	nnovative	Technologi	es to Commerciali	zation			
Mode of	f Commercializat	alization Licensing to Industry			dustry	Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services		
	f Agency / Org / I d Technology	cy / Org / Industry / Start-up nology PathShodh Healthcare Pvt Ltd				Fee Excluded)		
ldopted recimology			Treateries et av	LLCG	Patent Licensing and Royalty	0.00		
						Technology Transfer/Turnkey Project	0.00	
						Total Revenue Generated (As of 31st March 2018)	0.00	
Name o	Technology system and			p with strip identifi d process for emical detection of		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st 2018) Institute Own/Internal Fund (in Rupees)		
	· 		bioanalyte	25		Sponsorship / Grant Fund	0.0	
Patent No	849/CHE/2015	Type of Patent	National	Year of Patent Issued	2016	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.0	
Convers	ion of Patent / Ir	nnovative	Technologi	es to Commerciali	zation	Total Revenue Amount from Commercialization of		
Mode of Commercialization				Licensing to In	dustry	Technologies (General Consultancy and Testing Service		
	f Agency / Org / I d Technology	Industry /	Start-up	PathShodh Healthcare Pvi	t Ltd	Fee Excluded) Patent Licensing and Royalty	0.00	
asic Det	·aile					Technology Transfer/Turnkey Project	0.00	

Srno

							Total Revenue Generated (As of 31st March 2018)	0.00	
11	Financia	ıl Year		2016-17			Total Amount Spent towards Patent Maintenance &	• • • • • • • • • • • • • • • • • • •	
	Name of	f the Innovative ogy			ND METHOD FOR DETECTION OF HUI	MAN	Commercialization Expenses (in Rupees) (As of 31st Ma 2018)		
	Comme	rcialized/Transfe	rred	ALBUMIN	IN BIOLOGICAL SA	MPLES	Institute Own/Internal Fund (in Rupees)	0.00	
	Patent	201641035058	Type of	National	Year of Patent	2016	Sponsorship / Grant Fund	0.00	
	No of Issued Patent						Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
		ion of Patent / In		Technologi	Licensing to Industry		Total Revenue Amount from Commercialization of		
		f Agency / Org / I d Technology	ndustry /	Start-up	PathShodh Healthcare Pv	t I td	Technologies (General Consultancy and Testing Service Fee Excluded)		
	Adopted	a recillology			neattricare PV	LLU	Patent Licensing and Royalty	0.00	
							Technology Transfer/Turnkey Project	0.00	
							Total Revenue Generated (As of 31st March 2018)	0.00	
12	Financia	ıl Year		2016-17			Total Amount Spent towards Patent Maintenance &		
	Name of	f the Innovative		DEVICE AND METHOD FOR OPTICAL DETECTION OF			Commercialization Expenses (in Rupees) (As of 31st 2018)	t March	
		rcialized/Transfe	rred		NE IN BIOLOGICAL		Institute Own/Internal Fund (in Rupees)	0.00	
Srno			etails		2016	Sponsorship / Grant Fund	0.0		

No	Pa	itent	Issued			Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
Convers	sion of Patent / Innov	ative Techr	nologies to Co					
Mode of	f Commercialization		Lice	nsing to Inc	dustry	Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Servi	ices	
	f Agency / Org / Indu d Technology	-	iShodh lthcare Pvt	· I t-d	Fee Excluded)			
Adopte	u recimology		Пеа	iciicale PVC	Ltd	Patent Licensing and Royalty	0.00	
						Technology Transfer/Turnkey Project	0.00	
						Total Revenue Generated (As of 31st March 2018)	0.00	
	f the Innovative Tech		2016-17	Ceramic Fer	moral	Total Amount Spent towards Patent Maintenance Commercialization Expenses (in Rupees) (As of 31 2018)		
Name of the Innovative Technology Commercialized/Transferred								
	<u>-</u>		Head develo		0017	Institute Own/Internal Fund (in Rupees)	0.0	
Patent No	PCT/IB2017/050590	Type of	Head develo	Year of	2017	Institute Own/Internal Fund (in Rupees) Sponsorship / Grant Fund	0.0	
Patent	<u>-</u>	Туре		Year	2017		0.0	
Patent No	<u>-</u>	Type of Patent	International	Year of Patent Issued		Sponsorship / Grant Fund Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st		
Patent No Convers	PCT/IB2017/050590	Type of Patent	International	Year of Patent Issued	zation	Sponsorship / Grant Fund Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st	0.0	
Patent No Convers Mode of	PCT/IB2017/050590 sion of Patent / Innoverticalization f Agency / Org / Indu	Type of Patent	International	Year of Patent Issued	zation to	Sponsorship / Grant Fund Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018 Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Service Fee Excluded)	0.0	

					711	·		Technology Transfer/Turnkey Project 0.0	00			
								Total Revenue Generated (As of 31st March 2018)	000.00			
14	Financia	al Year		2016-17	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st Mare							
		f the Innovative		A single-la	-	npliant versible mo	. b:	2018)				
	Technol Comme	ogy rcialized/Transfer	red	between o	circumfe	erential and		Institute Own/Internal Fund (in Rupees)				
				directions				Sponsorship / Grant Fund	0.00			
	Patent No	3383/2017/CHE	Type of Patent	National Year of Patent 2016 Issued			2016	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018				
		ion of Patent / Inr		echnologie	s to Co	mmercializ Licensing Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Serv Fee Excluded)	ices			
	Name o	f Agency / Org / In	idustry / S	tart-up Ad	opted	Mimyk		Patent Licensing and Royalty	0.00			
	Technol	Technology						Technology Transfer/Turnkey Project	0.00			
								Total Revenue Generated (As of 31st March 2018)	0.00			
15	Financia	Financial Year 2016-17						Total Amount Spent towards Patent Maintenance &				
	Name of the Innovative Technology Fluid Filtrat				d Filtrat	ion Device		Commercialization Expenses (in Rupees) (As of 31st 2018)	March			
Srno	Comme	rcialized/Transfer :ails	red									

0:49					AF	RIIA Atal Rankii	ng of Instituti	ons on Innovation Achievements		
	Patent N	o 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	0.0	
	Conversi	on of Pater	it / Innova	tive Techi	nologies to Co					
	Mode of	Commercia	lization			Conversion	into			
						Start-up		Total Revenue Amount from Commercialization of		
		me of Agency / Org / Industry / Start-up opted Technology				Open Water	Г	Technologies (General Consultancy and Testing Service Fee Excluded)		
	Adopted	recimotog	y					Patent Licensing and Royalty	0.00	
								Technology Transfer/Turnkey Project	0.00	
								Total Revenue Generated (As of 31st March 2018)	0.00	
5	Financial	Үеаг			2016-17			Total Amount Spent towards Patent Maintenance &		
		the Innova		ology	Eigen Augm			Commercialization Expenses (in Rupees) (As of 31st (2018)	магсі	
	Commerc	cialized/Tra	insferred		for Electromagnetic Modelling and Simulation			Institute Own/Internal Fund (in Rupees)	0.0	
	Patent	PCT/IN201	7/050295	Туре	Internationa		2016	Sponsorship / Grant Fund	0.0	
	No			of Patent		Patent Issued		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st	0.0	
								March 2018		
	Conversi	on or Pater	ic / innova	tive Techi	nologies to Co	ommercializ	ation			
	Mode of	Commercia	lization			Licensing	to	Total Revenue Amount from Commercialization of		
no	Basic Deta	nils				Industry		Technologies (General Consultancy and Testing Servi	ices	
								Fee Excluded)		

	Technol	r Agency / Org / Indus ogy	try / Star	t-up Adopted	Simyog		Patent Licensing and Royalty	0.00	
							Technology Transfer/Turnkey Project	0.00	
							Total Revenue Generated (As of 31st March 2018)	0.00	
17	Financia		2016-17			Total Amount Spent towards Patent Maintenance &			
	Name of	ology		d Method for Non-		Commercialization Expenses (in Rupees) (As of 31st 2018)			
	Comme	cialized/Transferred		Detection of		emicat	Institute Own/Internal Fund (in Rupees)	0.00	
	Data at	DCT/ID2045/056054		Bioanalyte		2046	Sponsorship / Grant Fund	0.00	
	Patent No	PCT/IB2015/056854	Type of Patent	Internationa	Year of Patent Issued	2016	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00	
	Convers	ion of Patent / Innova	itive Tech	nologies to C	Total Revenue Amount from Commercialization of				
	Mode of	Commercialization		Lic	Licensing to Industry		Technologies (General Consultancy and Testing Services Fee Excluded)		
		f Agency / Org / Indus d Technology	try / Star	-	thShodh althcare Pvt	Ltd		831.62	
				!			Technology Transfer/Turnkey Project 0.0)0	
							Total Revenue Generated (As of 31st March 2018)	831.62	
18	Financial Year 2017-18						Total Amount Spent towards Patent Maintenance &		
Srno	Basic Det Name of	ails f the Innovative Techn	noloav	Multidimen	sional Fluid		Commercialization Expenses (in Rupees) (As of 31st Ma		

Comme	rcialized/Transferred	Focusing Device			
Patent No	PCT/IN2017/050399	Type of Patent	International	Year of Patent Issued	2017

2010)	
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 t	s to Commercialization		
Mode of Commercialization	Conversion into Start-up		
Name of Agency / Org / Industry / Start-up Adopted Technology	Jiva Sciences Pvt Ltd		

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			

Financial Yea	er .		2017-18	2017-18			
Name of the Commerciali		tive Technology ansferred	Confident	ial			
Patent No	NA	Type of Patent	National	Year of Patent Issued	2018		

Conversion of Patent / Innovative Technologies to Commercialization

Commercialization Expenses (in Rupees) (As of 31st (2018)	∕larch
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 Amount Spent towards Patent Maintenance &

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Srno Basic Details Mode of Commercialization

Licensing to

	Name of Agency / Org / Industry / Start-up Adopted						Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Serv			
	Name of Agency / Org / Industry / Start-up Adopted Technology				Start-up		Fee Excluded)			
							Patent Licensing and Royalty	0.	0.00	
							Technology Transfer/Turnkey Project	0.	0.00	
							Total Revenue Generated (As of 31st March 201	8) 0.	0.00	
20	Financial Year 2017-18						Total Amount Spent towards Patent Maintenance &			
	Name of the Innovative Technology H2S Sc Commercialized/Transferred			S Scrub	bing Techn	ology	Commercialization Expenses (in Rupees) (As of 2018)		r 31st March	
	Patent	2979/CHE/2015		tional	Year of	2018	Institute Own/Internal Fund (in Rupees)	0	0.0	
	No	Patent		cionat	Patent	2010	Sponsorship / Grant Fund	0	0.0	
					Issued		Total Amount Spent towards Patent Maintenance Commercialization Expenses (in Rupees) as of 31 March 2018		0.0	
	Conversion of Patent / Innovative Technologies to Commercialization						March 2010			
	Mode of			Licensing to Industry	0	Total Revenue Amount from Commercialization of				
	Name of Adopted	ustry / Start-up		Reva techn Pune	ologies,	Technologies (General Consultancy and Testing Services Fee Excluded)				
	Adopted	recimology			Tunc		Patent Licensing and Royalty	2950000	0.0	
							Technology Transfer/Turnkey Project	0.00		
							Total Revenue Generated (As of 31st March 2018)	2950000).0	
irno	Basic Deta	nils								

Financial	Year	2017-18			
	the Innovative Tec ialized/Transferre	H2S Scrubbing Technology			
Patent No	2979/CHE/2015	Type of Patent	National	Year of Patent Issued	2018

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 Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st N 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 Technologies (General Consultancy and Testin 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	Financia	ıl Year	2017-18				
		f the Innovative Techn rcialized/Transferred	Automated Fundus Image Processing Techniques for Glaucoma Prescreening				
	Patent No	PCT/IB2018/053030	Type of	International	Year of 201 Patent		
Srno	Basic Det	ails	Patent		Issued		

Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st (2018)	March
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	0.00

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Convers	ion of Patent / Innova	tive Tech	nologies to Cor	mmercializ	ation		
Name of Agency / Org / Industry / Start-up Remid		ensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Service Fee Excluded)			
Adopted	d Technology		Techno	ologies		Patent Licensing and Royalty	0.00
						Technology Transfer/Turnkey Project	0.00
						Total Revenue Generated (As of 31st March 2018)	0.00
	f the Innovative Techn	ology	2017-18 Mapping prot	_	1	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st 2018)	March
Commer	cialized/Transferred			mational epitopes ine labelling and blay library		Institute Own/Internal Fund (in Rupees)	0.00
Patent No	PCT/IN2017/050581	Type of Patent	International	Year of Patent Issued	2017	Sponsorship / Grant Fund Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00
Convers	ion of Patent / Innova	tive Techi	nologies to Cor	mmercializ	ation	Total Revenue Amount from Commercialization of	
Mode of	Commercialization			Licensing Industry	to	Technologies (General Consultancy and Testing Servi Fee Excluded)	ices
Name of	f Agency / Org / Indus	try / Start	-up Adopted	Mynvax		Patent Licensing and Royalty	0.00
Technol	001						

Srno

24	Commercialized/Transferred anti-influe			2017-18			Total Amount Spent towards Patent Maintenance &	
				Polypeptides	_	_	Commercialization Expenses (in Rupees) (As of 31st 2018)	
	Patent	PCT/IB2015/000589	Туре	uses thereof International	Year of	2017	Institute Own/Internal Fund (in Rupees) Sponsorship / Grant Fund	0.00
	No		Patent Issued	2011	Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00		
	Convers	ion of Patent / Innova	tive Tech	nologies to Cor	mmercializ	ation		
	Mode of Commercialization				Licensing to Industry		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Service Fee Excluded)	
	Name of Technol	f Agency / Org / Indus ogy	try / Star	t-up Adopted	Mynvax		Patent Licensing and Royalty	0.00
							Technology Transfer/Turnkey Project	0.00
							Total Revenue Generated (As of 31st March 2018)	0.00
25	Financia	ıl Year		2017-18			Total Amount Spent towards Patent Maintenance &	
					lel Discrimination ation-Suppressor		Commercialization Expenses (in Rupees) (As of 31st I	March
				Mutagenesis			Institute Own/Internal Fund (in Rupees)	0.00
	Patent	PCT/IN2016/050413	Туре	International	Year of	2017	Sponsorship / Grant Fund	0.00
Srno	No Basic Det	ails	of Patent		Patent Issued		Total Amount Spent towards Patent Maintenance &	0.00

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						Commercialization Expenses (in Rupees) as of 31st March 2018	
Conversi	on of Patent / Inno	vative Techn	ologies to Co	ommerciali	zation		
Mode of	Commercialization			Licensing Industry	to	Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Excluded)	ices
Name of Agency / Org / Industry / Start-up Adopted Technology		ed Mynvax		Patent Licensing and Royalty	0.00		
						Technology Transfer/Turnkey Project	0.00
						Total Revenue Generated (As of 31st March 2018)	0.00
	the Innovative Tec		2017-18 A Haptic [Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) (As of 31st 2018)	March
	cialized/Transferre		Endoscop		0015	Institute Own/Internal Fund (in Rupees)	0.0
Patent No	3439/CHE/2014	Type of Patent	National	Year of Patent	2016	Sponsorship / Grant Fund	0.00
				Issued		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rupees) as of 31st March 2018	0.00
	on of Patent / Inno		ologies to Co	ommerciali	zation		
		Conversion into Start-up		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Service			
	Agency / Org / Ind Technology	ustry / Start	-up	Mimyk		Fee Excluded)	
copecu						Patent Licensing and Royalty	0.00
	nils						

Srno

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	McAffee	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)	

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)	75000000.00	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	5000000.00
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					

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 2015-16 Generated		-16	From Rental/Advisory/Training Services (in Rupees)	185765.00
	Name of the Startup	Super Ltd	rWave Technology Pvt	Equity/Share Percentage (%) in Startup From Equity/Share held in Startup (in Rupees)	0.00
	Startup lead by	y Faculty		Total Revenue Generated (in Rupees)	185765.00
	Current Phase of Startup	Receiving Incubation			
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
i	B Finic Deibb Ys ear of Revenue	2016-	47	Revenuecae/exteid fro/mlainibelsenvices (in Rupees)	186576.00

		AMATAMININ	of institutions on innovation Admerements		
Generated			Equity/Share Percentage (%) in Startup	10	
Name of the Startup	SuperWave Technology Pvt Ltd		From Equity/Share held in Startup (in Rupees)	0.00	
Startup lead by	Facu	ılty	Total Revenue Generated (in Rupees)	186576.00	
Current Phase of Startup	Rec	eiving Incubation			
Financial Year of Revenue Gene	rated	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)	358800.0	
Financial Year of Revenue 2017-18		7-18	From Rental/Advisory/Training Services (in Rupees)	140000.00	
Name of the Startup Sup		erWave Technology Pvt	Equity/Share Percentage (%) in Startup From Equity/Share held in Startup (in Rupees)	0.00	
Startup lead by	artup lead by Faculty		Total Revenue Generated (in Rupees)	140000.00	
Current Phase of Startup Receiving Incubation		eiving Incubation			
Financial Year of Revenue Gene	Financial Year of Revenue Generated 2017-18		From Rental/Advisory/Training Services (in Rupees)	1520108.0	
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	
	Startup lead by Current Phase of Startup Financial Year of Revenue Generatup Startup lead by Current Phase of Startup Financial Year of Revenue Generated Name of the Startup Startup lead by Current Phase of Startup Financial Year of Revenue Generated Name of the Startup Financial Year of Revenue Generatup	Name of the Startup Startup lead by Current Phase of Startup Financial Year of Revenue Generated Name of the Startup Startup lead by Current Phase of Startup Financial Year of Revenue Generated Name of the Startup Sup Ltd Startup lead by Current Phase of Startup Recompany Current Phase of Startup Recompany Financial Year of Revenue Generated Recompany Recompany Financial Year of Revenue Generated	Name of the Startup Startup lead by Current Phase of Startup Financial Year of Revenue Generated Startup lead by Faculty Current Phase of Startup PathShodh Pvt Ltd Startup lead by Faculty Current Phase of Startup Receiving Incubation Financial Year of Revenue Generated Name of the Startup SuperWave Technology Pvt Ltd Startup lead by Faculty Current Phase of Startup Receiving Incubation Financial Year of Revenue Generated Name of the Startup Receiving Incubation Financial Year of Revenue Generated Receiving Incubation	SuperWave Technology Pvt Ltd Equity/Share Percentage (%) in Startup	

	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/JEDC/NEW Cap EDC

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	List Maximum Five Advanced Labs Infrastructures Avail	able 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
NanoTech Technology Business	List Maximum Five Advanced Labs Infrastructures Avail Nanotechnology devices	able in your Campus Prof. Rudra Pratap	pratap@iisc.ac.in
Incubator	Sector Focus of Centre (Separate Multiple Sectors	Name of the Centre In	Email of the Centre In
Name of the Centre MedTech Technology Business	with Comma ",") Devices and Technology for Geriatric Care	charge Prof. Amaresh	charge 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 ",")	eparate Multiple Sectors Name of the Centre In charge 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 renounced 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 Yo	oung Tech Inno	ovation Award				
	Awarding Agency Name	Society for F	Research and I	nitiatives for Sustain	able Technologies and In	stitutions, SRISTI		
	Current Status (as of 31st March 2018)		Dormant Ph	ase/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 Yo	oung Tech Inno	novation Award				
	Awarding Agency Name	Society for F	Research and I	Initiatives for Sustainable Technologies and Institutions, SRISTI				
	Current Status (as of 31st March 2018)		Dormant Ph	hase/Dropped				
	Total Team Size (Student + Faculty)		1					
3	Financial Year of Award Received			2015-16	Type of Award	National		
Srno Basil Betaile 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	1			
4	Financial Year of Award Received		2016-17		Type of Award		National	
	Name of the Award / Program		Gandhiar	n Young Te	ech Innovation			
	Awarding Agency Name							
	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			st Innovative PhD Project				
	Awarding Agency Name			NAE				
	Current Status (as of 31st March 2018)			Dormant Phase/Dropped				
	Total Team Size (Student + Faculty)			1				
6	Financial Year of Award Received	2016-1	7	Туре о	f Award	Interna	ational	
	Name of the Award / Program	ASME N	Mechanism	is and Rob	ootics Design Contest			
	Awarding Agency Name	ASME						
Srno	Basic Details Current Status (as of 31st March 2018)		Dormar	nt Phase/[Dropped			

		1				
	Total Team Size (Student + Faculty)	2				
7	Financial Year of Award Received 2		17	Type of Award	National	
	Name of the Award / Program		dia Cadence	Design contest		
	Awarding Agency Name		nce			
	Current Status (as of 31st March 2018)		Dorman	t Phase/Dropped		
	Total Team Size (Student + Faculty)		2			
3	Financial Year of Award Received		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			
€	Financial Year of Award Received	2016	17	Type of Award	National	
	Name of the Award / Program		BIRAC Hackathon			
	Awarding Agency Name	Gove	Governement of India			
	Current Status (as of 31st March 2018)	l.	Dormant Phase/Dropped			
Srno	Total Team Size (Student + Faculty) Basic Details		2			

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 20	018)		Dormant Phase/Dropped			
Total Team Size (Student + Faculty))		2			
Financial Year of Award Received		2017-18		Type of Award	National	
Financial Year of Award Received Name of the Award / Program			Mechanis	Type of Award m Design contest	National	
		National			National	
Name of the Award / Program	018)	National	cal Engine	m Design contest	National	

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 Faculty by	
Srno	Innovation / Start-U Basic Details	p Name	SuperWave	Technology Pvt Ltd

1, 10.49			ARIIA Atai Raiiking of institutions of	illiovation	Acilieveille	1113			
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)	Ja	gadeesh	Gopalan			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Ye	S	Current Startup Status	Recei Incub	_	
2									
2	Financial Year		2015-16	Fo by	unded	Alumni			
	Innovation / Sta	art-Up Na	ame	Pr	atimesh	Labs Pvt Ltd			
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)	Pr	akhar Jai	n			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Ye	S	Current Startup Status	Recei Incub	_	
3	Financial Year 2015-16				Found by	ed Faculty			
	Innovation / Sta	art-Up Na	nme		Equine	e BioTech			
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)		Prof Utpal Tatu				
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN Registration)	Yes	Current Starti Status	1b	Graduated	
4	Financial Year		2015-16	Fo by	unded	Alumni			
	Innovation / Sta	art-Up Na	ame		Azooka LifeSciences LLP				
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)	Be	nazir Fat	hima			
Srno	Basic Details Received	Yes	Startup with Corporate Identification Number (CIN)	No)	Current Startup	Recei	vina	

	Incubation		Registration			Status	Incu	bation
5								
,	Financial Year		2015-16		Found by	Founded Alumni by		
	Innovation / Sta	rt-Up Na	me		Sickle I	nnovations Pvt Ltd		
	Name of the Co-Founde		s (Multiple Names can be mentioned with Commas)		Nitin G	upta		
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Start Status	:up	Graduated
6								
,	Financial Year		2016-17		Founded Faculty by			
	Innovation / Sta	rt-Up Na	me		PathShodh HealthCare			
	Name of the Co-	-Founder	s (Multiple Names can be mentioned with Commas)		Navakant Bhat			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Start Status	:up	Graduated
7	Financial Year		2016-17	For by	ınded	Alumni		
	Innovation / Sta	rt-Up Na	me	Ast	rome Te	chnologies Pvt Ltd		
	Name of the Co-	-Founder	s (Multiple Names can be mentioned with Commas)	Neha Satak				
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes		Current Startup Status		eiving bation
Srno	Basic Details							

	Financial Year		2016-17	Founded by	Faculty			
	Innovation / Star	t-Up Na	me	Shanmukha Innovations Pvt Ltd				
	Name of the Co-I	Founder	s (Multiple Names can be mentioned with Commas)	SaiSiva Gor	ti			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation		
)	Financial Year		2016-17	Founded by	Faculty			
	Innovation / Star	t-Up Na	me	OpenWate	г			
	Name of the Co-I	Founder	s (Multiple Names can be mentioned with Commas)	Sanjiv Saml	oadan			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes	Current Startup Status	Receiving Incubation		
10	Financial Year		2016-17	Founded by	f Faculty			
	Innovation / Star	t-Up Na	me	Lab to Mar	Lab to Market Innovation			
	Name of the Co-I	Founder	s (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		
\$ŧno	Basic Details Financial Year		2016-17	Founded	Alumni			

, 10.43			ARTIA Atai Ranking of institutions of the						
				by					
	Innovation / Sta	art-Up Na	nme	Mimyk Medical Simulations Pvt Ltd					
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)	Shanthanu c					
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes		Current Startup Status	Recei Incub	iving pation	
12	Financial Year		2017-18		Founde by	d Faculty			
	Innovation / Sta	art-Up Na	ame		Simyog Pvt Ltd				
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)		Dipanja	n Gope			
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration		Yes	Current Start	up	Graduate	
13									
	Financial Year		2017-18	For by	unded	Faculty			
	Innovation / Sta	art-Up Na	ime	Му	nvax Pvt l	_td			
	Name of the Co	-Founde	rs (Multiple Names can be mentioned with Commas)	Rag	Raghavan Vardarajan				
	Received Incubation	Yes	Startup with Corporate Identification Number (CIN) Registration	Yes		Current Startup Status	Recei	_	

Co-Incubation Partnership

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-incubal Mentoring,		,,		0		
2	Financial Year	2017-18	Type of Partnership	Incubation Services/Support Extended to Other Institute	Partnership Institute Name	Social Alpha	
		D i l.	ation, Incubation,	No. of Student Projects/Ideas / Innovation /	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									

1, 10:49			ARIIA Atal Ranking of Institutions on Innovation Achievements			
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 H	ours)	42	
	Total Enrollment for the Course	10	Total Nos. Completed the Course		42	
3	Academic Year	2015-16	Title of Course	Creat Desig	ive Engineering	
	_	Design thinking	Type of Course	Maste		
	Mode of Delivery		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 H	ours)	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 H	ours)	42	

						<u>.</u>		
	Total Enrollment for the Co	urse	10		Total Nos. Completed the Course			42
6	Academic Year	2	2016-17	7	itle of Course		Creat Desig	ive Engineering n
	Subject Focus of Course		Design thinking	7	pe of Course M			<u> </u>
	Mode of Delivery	(Classroom		ration of Course of Minimum 40 Contact Hours (in urs)		42	
	Total Enrollment for the Course	•	10	1	otal Nos. Completed the Course		42	
7	Academic Year	2017	7-18	Title o	f Course	New Product	t Deve	lopment - Concepts
	Subject Focus of Course	Desi think	_	Туре о	f Course	Master		
	Mode of Delivery	Class	sroom	Duration (in Hou	on of Course of Minimum 40 Contact Hours urs)	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 t	hinking	Type of Course			Master
Srno	Dietrails of Delivery		Classroo	om	Duration of Course of Minimum 40 Contact Hours (in Hours) 42			

				[ar Narking of institutions of inflovation Achievements			
	Total Enrollment for th	e Course	10	Total	Nos. Completed the Course		42	
9	Academic Year		2017-18	Title		Elements of Design		
	Subject Focus of Cours	Design thinki	ng Type	of Course		Master		
	Mode of Delivery		Classroom	Dural	cion of Course of Minimum 40 Contact Hours (i	n Hours)	42	
	Total Enrollment for th	e Course	10	Total	Nos. Completed the Course		42	
10	Academic Year	1	2017-18	Title of (Course	Creative Engineering Design		
			Design thinking	Type of Course			er	
	Mode of Delivery		Classroom	Duration of Course of Minimum 40 Contact Hours (in Hours)			42	
	Total Enrollment for th Course	ie	10	Total No	s. Completed the Course	42		
11	Academic Year	2017-18			Title of Course		neurship for ogy Start-ups	
	Subject Focus of Course	Innovation Develop	on and Entrepre	eneurship	eurship Type of Course		Master	
	Mode of Delivery	Classroo	m		Duration of Course of Minimum 40 Contact Hours (in Hours)	42		
Srno	Details Total Enrollment for	5			Total Nos. Completed the Course	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
	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	SuperWave Technology	Director Identification Number	06554548
	mentioned with Comma) Details	Pvt Ltd	(DIN)	

Academic Year		2015-16		culty Name	Prof Utpal Tatu
Years of Experience in Start-up / Entrepreneurship		4	Аго	ea of Expertise	Start-up Operation
Level of Involvements as					Yes
Name of the Start-up (Multiple Startups can be mentio with Comma)	ned	Equine BioTech	Dir	ector Identification Number (DIN)	07131735
Academic Year	201	5-16	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		аге	Director Identification Number (DIN)	07237173
Academic Year	201	6-17		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
	Name of the Start-up (Multiple Startups can be mention with Comma) Academic Year Years of Experience in Start-up / Entrepreneurship Level of Involvements as Name of the Start-up (Multiple Startups can be mentioned with Comma) Academic Year Years of Experience in Start-up / Entrepreneurship	Name of the Start-up (Multiple Startups can be mentioned with Comma) Academic Year Years of Experience in Start-up / Entrepreneurship Level of Involvements as Name of the Start-up (Multiple Startups can be mentioned with Comma) Path Pyt I Academic Year Years of Experience in Start-up / Entrepreneurship 4 Level of Involvements as Four	Name of the Start-up (Multiple Startups can be mentioned with Comma) Academic Year 2015-16 Years of Experience in Start-up / Entrepreneurship Level of Involvements as Founder Name of the Start-up (Multiple Startups can be mentioned with Comma) PathShodh Healthd Pvt Ltd Academic Year 2016-17 Years of Experience in Start-up / Entrepreneurship 4 Level of Involvements as Founder	Name of the Start-up (Multiple Startups can be mentioned with Comma) Academic Year Pears of Experience in Start-up / Entrepreneurship Level of Involvements as Founder Name of the Start-up (Multiple Startups can be mentioned with Comma) PathShodh Healthcare Pvt Ltd Academic Year 2016-17 Years of Experience in Start-up / Entrepreneurship 4 Level of Involvements as Founder	Name of the Start-up (Multiple Startups can be mentioned with Comma) Academic Year Years of Experience in Start-up / Entrepreneurship Level of Involvements as Founder PathShodh Healthcare pot Ltd Mame of the Start-up (Multiple Startups can be mentioned with Comma) PathShodh Healthcare pot Ltd Academic Year 2016-17 Faculty Name Academic Year 2016-17 Faculty Name Faculty, a Founder/Director of any Start-up Director Identification Number (DIN) Academic Year PathShodh Healthcare pot Ltd Academic Year Level of Involvements as Founder Is Faculty, a Founder/Director of any Start-up Faculty Name

	mentioned with Comma)	Pvt Ltd	(DIN)			
6	Academic Year	2017-18	Faculty Name		Raghavan arajan	
	Years of Experience in Start-up / Entrepreneurship	2	Area of Expertise		-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 Start-up	any	Yes	

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)

|--|

1

Financial	2017-	Categories	Waste	
Year	18		Management	
Title of the Innovation	Solid Waste Management Initiative for IISc (SWaMII)			

lotal Project Amount (in Rupees)	1392000.00
Revenue Generated (in Rupees)	0.00
Impact created (No. of Direct Beneficiaries/Users)	0

Brief About Solutions / Approaches Developed and Deployed in Your Institute (Maximum 150 words)

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.

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Financial Year	2017- 18	Categories	Knowledge Management		
Title of the Innovation	Digital Campus and Information Technology Services (DIGITS)				

Brief About Solutions / Approaches Developed and Deployed in Your Institute (Maximum 150 words)

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

Total Project Amount (in Rupees)	65400000.00
Revenue Generated (in Rupees)	0.00
Impact created (No. of Direct Beneficiaries/Users)	0

Srno Details

https://www.ariia.gov.in/DSP/ARIIA2019/Data

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