



Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Yenepoya University [ARI-U-0250]

#### Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Yenepoya (Deemed to be University)	2465509793.00	2568551694.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	2465509793.00	2568551694.00	

Institute Type: University & Deemed to be University (Private/Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 3501

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 567

## Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Guest lecture on Interactive session on start ups, incubation and entrepreneur ship by Dr. Manohara Pai M M, Associate Director, Research and Consultancy, Manipal Institute of Technology	Entrepreneur ship/Startup	Guest Lecture	Institute Lead Activity	Yenepoya Research Centre	18-02-2019 00:00:00	18-02-2019 00:00:00	1	Within Campus	14	18	0	0	32	Yes	12960.00

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

		,		,		ip / Otal t ap									
Funding opportunities for Life Science innovators by Dr. Rakshambik ai R, Chief Manager, IKP Knowledge Park, Bengaluru	IPR	Guest Lecture	Institute Lead Activity	Yenepoya Research Centre	08-01-2019 00:00:00	08-01-2019 00:00:00	1	Within Campus	25	8	0	0	33	Yes	18325.00
Workshop on Initiative for Research and Innovation in Science	Innovation	Workshop	Student Lead Activity	Yenepoya Research Centre	11-07-2018 00:00:00	11-07-2018 00:00:00	1	Within Campus	10	8	200	14	232	Yes	30000.00
State Level Bio Quiz 2018 competition at Yenepoya (Deemed to be University)	Innovation	Quiz	Student Lead Activity	Yenepoya research centre and Karnataka Innovation and Technology Society (K Tech), Department of IT, BT and ST, Government of Karnataka	19-11-2018 00:00:00	19-11-2018 00:00:00	1	Within Campus	54	16	76	35	181	Yes	30000.00
National Science Day 2019 on the theme Science for the People and the People for Science by Dr. Navakanth Bhat, Chair and Professor, Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science, Bangalore	Innovation	Day	Institute Lead Activity	Yenepoya Research Centre	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	12	5	38	7	62	Yes	30000.00

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Rec ognitions/Ac hievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/rec eived fund towards sending	Total Expense Amount Incurred by Institute? (In Rupees)
-----------------------------------	------------------	-----------------	---	---------------------------	-----------------------	---------------------	---------------------------------	----------------------------	---------------------------	------------------------------------	--	---	---	--	--

														delegation to participate/re present the program/acti vity/event?	
INNOPHAR MA 3 Third International conference on Acedemic and Industrial innovations Transitions in Pharmaceuti cal, Medicine and Biosciences at Goa	Innovation	Conference	Innovare Academic Sciences (IAS) and Paramita Health Care Society Bhopal, India	Corporate / Industry Association	22-10-2018 00:00:00	23-10-2018 00:00:00	2	1	0	1	No			No	
Short term skill development training program on IPR - Patent, Trademarks, Copyright Programs at Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	IPR	Short Term Training Program	Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	Educational Institute	26-11-2018 00:00:00	30-11-2018 00:00:00	5	0	1	1	No	-		Yes	27239.00
Short term skill development training program on IPR - Patent, Trademarks, Copyright Programs at Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	IPR	Short Term Training Program	Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	Educational Institute	26-11-2018 00:00:00	07-12-2018 00:00:00	12	0	1	1	No	1	1	Yes	35739.00
Short term skill development training program on IPR - Patent, Trademarks, Copyright Programs at Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	IPR	Short Term Training Program	Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	Educational Institute	28-01-2019 00:00:00	02-02-2019 00:00:00	6	0	1	1	No			Yes	41904.00

Short term skill development training program on IPR - Patent, Trademarks, Copyright Programs at Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	IPR	Short Term Training Program	Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	Educational Institute	11-03-2019 00:00:00	15-03-2019 00:00:00	5	0	1	1	No	 	Yes	30209.00
Short term skill development training program on IPR - Patent, Trademarks, Copyright Programs at Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	IPR	Short Term Training Program	Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur	Educational Institute	11-03-2019 00:00:00	16-03-2019 00:00:00	6	0	1	1	No	 	Yes	48387.00
BRIC Idea Exposition 2019 at CSD Centre, NITK Surathkal	IPR	Hackathon	Biotechnolog y Industry Research Assistance Council (BIRAC) and IKP Knowledge Park (IKP)	Govt. Agency (Central)	16-03-2019 00:00:00	17-03-2019 00:00:00	2	0	3	3	No	 	Yes	5000.00
Incubator Manager Training organised by University of Texas and Nexus Startup hub at American Centre Kolkata	Entrepreneur ship/Startup	Workshop	Nexus	Non-Govt. Agencies	19-02-2019 00:00:00	20-02-2019 00:00:00	2	0	1	1	No	 	Yes	24819.00
Workshop on Innovative assessments and OSPEs in Biochemistry practical in ACBI South Zone conference at KMC Manipal	Innovation	Workshop	Department of Biochemistry , Kasturba Medical College Manipal	Educational Institute	06-12-2018 00:00:00	08-12-2018 00:00:00	3	0	3	3	No	 	No	

			1141 01 111101											
33rd Session of IAPP, CME on Innovations in malaria organized by Department of Community Medicine at Father Muller Medical College Mangalore	Innovation	CME	Department of Community Medicine, Father Muller Medical College, Mangalore	Educational Institute	29-10-2018 00:00:00	29-10-2018 00:00:00	1	0	4	4	No		 Yes	8000.00
Innovations in Antidepressa nt Interventions The Theory and Practice of Ketamine Use organized by the department of Psychiatry, K S Hegde Medical Academy, Mangalore	Innovation	Workshop	Department of Psychiatry, K.S. Hegde Medical Academy Mangalore	Educational Institute	30-04-2018 00:00:00	30-04-2018 00:00:00	1	0	1	1	No		 Yes	2000.00
Presentation on Fucoidan containing Hydroxy apatetite collagen platelet rich plasma (PRP) composite for bone tissue repair and regeneration at BIRAC, New Delhi	Innovation	Seminar	Biotechnolog y Industry Research Assistance Council	Govt. Agency (Central)	23-04-2018 00:00:00	24-04-2018 00:00:00	2	0	1	1	No	1	 Yes	13000.00
Presentation on Fucoidan containing Hydroxy apatetite collagen platelet rich plasma (PRP) composite for bone tissue repair and regeneration at IKP, Hyderbad	Innovation	Seminar	Biotechnolog y Industry Research Assistance Council	Govt. Agency (Central)	24-05-2018 00:00:00	25-05-2018 00:00:00	2	0	1	1	No		 Yes	9000.00

BIG grant presentation at BIRAC complex, New Delhi	inovation S		Biotechnolog y Industry Research Assistance Council	Govt. Agency (Central)	05-02-2019 00:00:00	06-02-2019 00:00:00	2	0	4	4	No		1	Yes	32735.00
--	-------------	--	---	------------------------------	------------------------	------------------------	---	---	---	---	----	--	---	-----	----------

#### Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
PG Diploma in Multi Omics Technology	Entrepreneurship/Startup	Full time Program	Diploma	01-10-2018 00:00:00	30-09-2019 00:00:00	365	Offline	7	6	450
Certificate course on Dental Implantology	Innovation	Short term Certificate	Short Term Certificate Course	19-06-2018 00:00:00	19-12-2018 00:00:00	184	Offline	13	13	63
Certificate course in Psychodrama Introduction	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	05-12-2018 00:00:00	08-12-2018 00:00:00	4	Offline	20	20	32
Certificate Course on Hospital and Infection Control	Innovation	Short term Certificate	Short Term Certificate Course	18-05-2018 00:00:00	26-09-2018 00:00:00	132	Offline	9	9	40
Certificate course on Scientific Communication and Enterepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2019 00:00:00	31-10-2019 00:00:00	92	Offline	13	13	48

#### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incha	arge	Carpet Area of Facility	Had institute spent from own resourc towards Establishm Pre-Incubation Centre/Fa	e/received fund nent/Operation of & Incubation	Had institute Generated Services Offered by F Incubation Centre	Pre-Incubation &
Yenepoya Research Centre	Research Park/Innovation Park	2010	3rd floor, Academic block, Yenepoya Medical College, Yenepoya University, University Road, Deralakatte, Mangaluru, Karnataka 575018	Name D Facility re Incharge @ Email .c	ekhapd @hotmail com	15332.68 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	56928461.00	Total Annual Income from Training and Skill Development Services (In Rupees)  Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)  Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0 3910038.61 0

# Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Intellectual Property Management Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2018	Academic block, Yenepoya Medical College, Yenepoya University, University Road, Deralakatte, Mangaluru, Karnataka 575018	Facility Incharge Name Sheeraz  Facility Incharge @gmail.c om  Facility Incharge Phone Mr.Asim Syed Sheeraz  asim.shrz @gmail.c om  90607419	250 Sq. Ft.	Yes  Annual Capital 0 Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Entrepreneurship Promotion Cell	Pre-Incubation Centre	2018	Academic block, Yenepoya Medical College, Yenepoya University, University Road, Deralakatte, Mangaluru, Karnataka 575018	Facility Incharge Name Syed Sheeraz  Facility Incharge @gmail.c om  Facility Incharge Phone Mr.Asim Syed Syed Sheeraz  asim.shrz @gmail.c om	250 Sq. Ft.	Yes  Annual Capital 0 Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Advanced Comprehensive Clinical Training and Simulation Centre	Centre of Excellence with Advance Tools & Equipment	2016	8th Floor, EMD building, Yenepoya Medical College and Hospital, University Road, Deralakatte, Mangalore 575018	Facility Incharge Name Dr. Rashmi Jain Gracility Incharge Email Pacility Incharge Phone Dr. Rashmi Jain Orrashjain @gmail.c om 99459217 50	5500 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	Total Annual Income from Training and Skill Development Services (In Rupees)  Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)  Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre- Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Yenepoya Research Centre	Funding Agency	DST - SERB	Govt. Agency (Central)	Yes	708328.00
Yenepoya Research Centre	Funding Agency	DST - SERB	Govt. Agency (Central)	Yes	2061111.00
Yenepoya Research Centre	Funding Agency	DBT	Govt. Agency (Central)	Yes	1271223.00
Yenepoya Research Centre	Funding Agency	DBT	Govt. Agency (Central)	Yes	1396047.00
Yenepoya Research Centre	Funding Agency	DBT	Govt. Agency (Central)	Yes	1926907.00
Yenepoya Research Centre	Funding Agency	DBT Indian Alliance	Govt. Agency (Central)	Yes	2325661.00
Yenepoya Research Centre	Funding Agency	ICMR	Govt. Agency (Central)	Yes	562493.00

# Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Yenepoya Research Centre	Funding Agency	ICMR	Govt. Agency (Central)	Yes	873795.00
Yenepoya Research Centre	Funding Agency	ICMR	Govt. Agency (Central)	Yes	722709.00
Yenepoya Research Centre	Funding Agency	Indian Association of Private Psychiatry	Corporate / Industry Association	Yes	77882.00
Yenepoya Research Centre	Funding Agency	Norway-Sweden-India collaboration grant	International Agencies	Yes	1301840.00
Yenepoya Research Centre	Funding Agency	DST INSPIRE	Govt. Agency (Central)	Yes	1670283.00
Yenepoya Research Centre	Funding Agency	National Institutes of Health	International Agencies	Yes	18834055.00
Yenepoya Research Centre	Funding Agency	DAE BRNS	Govt. Agency (Central)	Yes	1267931.00
Yenepoya Research Centre	Funding Agency	DAE BRNS	Govt. Agency (Central)	Yes	440668.00
Yenepoya Research Centre	Funding Agency	DAE BRNS	Govt. Agency (Central)	Yes	414174.00
Yenepoya Research Centre	Funding Agency	DBT	Govt. Agency (Central)	Yes	565998.00
Yenepoya Research Centre	Funding Agency	ICMR	Govt. Agency (Central)	Yes	624651.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	869891.00
Yenepoya Research Centre	Funding Agency	Karnataka Biotechnology and Information Technology Services	Govt. Agency (State)	Yes	7783947.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	1071482.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	799977.00
Yenepoya Research Centre	Funding Agency	International Vaccine Institute, South Korea	International Agencies	Yes	46935.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	25000.00
Yenepoya Research Centre	Funding Agency	DST	Govt. Agency (Central)	Yes	382851.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	117000.00
Yenepoya Research Centre	Funding Agency	DST SERB	Govt. Agency (Central)	Yes	114000.00
Yenepoya Research Centre	Funding Agency	Board of Research in Nuclear Sciences	Govt. Agency (Central)	Yes	119968.00
Yenepoya Research Centre	Funding Agency	Karnataka Science and Technology Promotion Society	Govt. Agency (State)	Yes	500000.00
Yenepoya Research Centre	Funding Agency	ICMR	Govt. Agency (Central)	Yes	81696.00
Yenepoya Research Centre	Funding Agency	Wellcome Trust Group	Corporate / Industry Association	Yes	580023.00

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre Received reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 TRL 2: Technology 2019 Non-IP / Non-TRL 2: Technology No No Effect of Mind Relaxation Faculty Still Under Yenepoya Yes formulation. Research Centre formulation. Patented Development Techniques on vascular **Endothelial Growth Factor** Concept and Technology Process Concept and Receptor (VEGFR) in the application have application have Total Seed Grant/Fund been formulated. serum and placentae of been formulated. Pre-eclamptic Pregnancies Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 49721.00 **Principal Innovator** Name Type Gender Email Contact Dr. Ramadas Naik Faculty Male drrdn@hotmail.com 9448249917 Co-Innovator Name Type Gender Email Contact Dr. Ramadas Naik Faculty Male drrdn@hotmail.com 9448249917 TRL 2: Technology TRL 2: Technology Effect of quercetin on Yenepoya Faculty 2018 Non-IP / Non-Still Under No No Yes cardio-protective effect of formulation. formulation. Research Centre Patented Development resveratrol against Concept and Technology Concept and Process. isoproterenol induced application have application have Total Seed Grant/Fund myocardial injury been formulated. been formulated. Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 25975.00

Idea / Prototype / In	novation have r	eceived Grant /	funding from F	re-Incubation	/ Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovatior Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туј	pe	Gender		Email	Co	ontact
	Dr. Mohammed Gul	zar		Faculty	Mal	е	mohamn	nedgulzar1@gmail.com	9448401238	
	Comparative proteomic analysis of serum to identify underlying molecular mechanism of Psoriasis	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non- Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
No		Principal Inn	ovator							
			Name		Туре	G	ender	Email		Contact
		Ms. Dr. Saiqa Raso	ol Shah	Fa	culty	Female		shah.saiqa2@gmail.com	7411510678	
Identification and evaluation of potential biomarkers for early diagnosis of liver cirrhosis using high-resolution mass spectrometry		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non- Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  166540.00	No

Idea / Prototype / In	novation have r	eceived Grant /	funding from P	re-Incubat	ion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / ted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	Financial support vat  (either own Se resource or fund Ir of received from duri ge agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations incu Development n oi	Had the //Prototype/Inno ions raised any ed fund/Angel vestment/VC ing the period of eceiving pre- bation/incubatio support at your Pre- bation/incubatio institute during financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr.Prashant Modi			Facul	ty	Male		prashantmodi21@gmail.com	9873662911	
	Understanding the role and function of Non-coding RNAs during myogenic and osteogenic differentiations and its impact on skeletal muscle diseases	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	ld Do	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations evelopment by Centre (In Rupees)	No
No		Principal Inne	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr. Raghu Bhushan			Facul	ty	Male		raghubhushan@yenepoya.edu.i n	9633442890	
Fucoidan beads containing hydroxyapatite and grapheme oxide for bone tissue repair and regeneration		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	ld Do	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations evelopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have i	eceived Grant /	funding from F	re-Incubat	ion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	Financial support valid (either own See resource or fund Inv of received from durin ge agencies) in terms of Seed Grant/Fund incub Support to Idea / Prototype / Innovations Development n or incub	Had the Prototype/Inno ons raised any od fund/Angel estment/VC g the period of ceiving pre- ation/incubatio upport at your Pre- ation/incubatio nstitute during nancial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	ender	Email	(	Contact
		Dr. Jayachandran V	enkatesan		Facul	ty	Male		jvenkatesan@yenepoya.edu.in	9606868644	
	Identification of blood and urinary markers to predict severity of neonatal asphyxia using high resolution mass spectrometry	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Dev	Fotal Seed FrantFund Amount isbursed to above an Aprototype/Innovations velopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr. Arun A.B			Facul	ty	Male		bhagwatharun@hotmail.com	9980856605	
Evaluation of Inflammatory Mediators and Magnetic Resources Imaging changes in temperomandibular joint arthrocentesis with sodium hyaluronate injection		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Dev	Fotal Seed arant/Fund Amount isbursed to above ad/Prototype/Innovations relopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have i	received Grant /	funding from F	re-Incubat	tion /	Incubation Cen	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached	(either own resource or fund for received from dur agencies) in terms of Seed Grant/Fund inct Support to Idea / Prototype / Innovations Development Sequence of Sequence for the following for t	Had the a/Prototype/Inno tions raised any eed fund/Angel nvestment/VC ing the period of receiving pre-ubation/incubatio support at your Pre-ubation/incubatio r institute during financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr. Joyce Sequeria			Facul	ty	Male		joycemathias26@yahoo.com	9448337826	
	Development of PCR based assay for scrub typhus at Yenepoya Medical College and identification and evaluation of potential biomarkers for diagnosis of scrub typhus in patient with acute undifferentiate febrile illnesses	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above lea/Prototype/I nnovations evelopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr.Anurag Bhargava	a		Facul	ty	Male		anuragb17@gmail.com	8277408009	
Elucidating the mechanism of piperine in enhancing the sentitivity of cisplatin treated cancers towards radiation		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above lea/Prototype/I nnovations evelopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have r	eceived Grant /	funding from F	re-Incubat	ion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / ted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Stat of TRL it has reached	Financial support vatic (either own See resource or fund Inv of received from durin le agencies) in terms of Seed Grant/Fund incut Support to Idea / n st Prototype / Innovations incut Development n or	Had the //Prototype/Inno ons raised any ed fund/Angel vestment/VC ng the period of acciving pre- pation/incubatio upport at your Pre- pation/incubatio institute during imancial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	ender	Email	,	Contact
		Dr. Divya lakshman	an M		Facul	ty	Female		divyalmangalath@gmail.com	9481951664	
	Identification of metabolomic markers for prediction of disease progression in mild-to-moderate COPD	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Delta	Total Seed Grant/Fund Amount Disbursed to above ea/Prototype/I nnovations velopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	ender	Email		Contact
		Dr. Shena M. Pinto			Facul	ty	Female		sneha.mp@gmail.com	9886425291	
Investigating the genetic of deep vein thrombosis among south indian adults		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2018	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Delta	Total Seed Grant/Fund Amount Disbursed to above sa/Prototype/I nnovations velopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have i	received Grant /	/ funding from F	re-Incubat	ion /	Incubation Cer	ntre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	ge	rinancial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the ea/Prototype/Inno titions raised any leed fund/Angel Investment/VC ring the period of receiving pre-ubation/incubatio support at your Pre-ubation/incubatio rinstitute during e financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator									
			Name			Туре	Ge	nder		Email		Contact
		Dr. Shankar Prasac	d Das		Facul	ty	Male		sha	ındas76@gmail.com	9742896287	7
	Skeletal muscle fluorosis effect on skeletal muscle cells and its associated mechanisms an in vitro study	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2017	Non-IP / Non- Patented Technology	Still Under Development Process		Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above dea/Prototype/I nnovations Development by Centre (In Rupees)	No
No		Principal Inn	ovator									
			Name			Туре	Ge	nder		Email		Contact
		Dr. Sudheer Sheno	у		Facul	ty	Male		she	enoy@yenepoya.edu.in	9108585282	2
Evaluation for the presence of CD34 45 adult stem cells from all three germalayers, ectoderm and use of such CD34 45 in ameliorating muscular dystrophy in mouse model system		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2015	Non-IP / Non- Patented Technology	Still Under Development Process		Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above dea/Prototype/I nnovations Development by Centre (In Rupees)	No

Idea / Prototype / In	novation have i	eceived Grant /	funding from F	re-Incubat	tion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Stag of TRL it has reached	Financial support vatic (either own resource or fund Inverse of See Inverse of Seed Grant/Fund Incub Support to Idea / Prototype / Innovations Development vatics Seed Grant/Fund Incub In	Had the Prototype/Inno ons raised any ed fund/Angel restment/VC g the period of ceiving pre- ation/incubatio upport at your Pre- ation/incubatio institute during inancial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Bipasha Bose			Facul	ty	Female		bipasha.bose@yenepoya.edu.in	9730889609	
	Designing and development of lab on paper device for sensing trace arsenic in ground water	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2017	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Dev	Fotal Seed Grant/Fund Amount isbursed to above a/Prototype/I inovations velopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Sudhakara Pras	ad		Facul	ty	Male		ksprasadnair@yenepoya.edu.in	9108772501	
Development of bioreducible block copolymer drug conjugate nanoassemblies functionalized with noble metal nanoparticle for targeted, image guided delivery of chemotherapeutic drugs and biosensing applications		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2017	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  Dev	Fotal Seed Forant/Fund Amount isbursed to above a/Prototype/I snovations relopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have i	received Grant /	funding from F	re-Incubat	tion /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / rted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Staç of TRL it has reached	Financial support vatir (either own See resource or fund In of received from durir ge agencies) in terms of Seed Grant/Fund incut Support to Idea / n s Prototype / Innovations incut Development n or	Had the //Prototype/Inno ons raised any ed fund/Angel vestment/VC ng the period of occiving pre-pation/incubatio upport at your Pre-pation/incubatio institute during inancial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	ender	Email	(	Contact
		Dr. Renjith P. Johns	son		Facul	ty	Male		renjithjohnson@yenepoya.edu.in	7338172132	
	Molecular mechanism of p53 mutations in cancer stem cells isolated from triple negative breast cancer cell lines	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2016	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  De	Total Seed Grant/Fund Amount bisbursed to above ea/Prototype/I nnovations velopment by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	ender	Email	(	Contact
		Dr. Suparna Laha			Facul	ty	Female		suparnalaha@yenepoya.edu.in	9742709705	
Integrated metagenomics analysis of urine microbiome and their association with the urolithiasis		Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2016	Non-IP / Non- Patented Technology	Still Under Development Process	been formulated.  De	Total Seed Grant/Fund Amount bisbursed to above su/Prototype/I nnovations velopment by Centre (In Rupees)	No

Idea / Prototype / In	novation have	received Grant /	funding from F	re-Incubat	ion/	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innova Project Star	ation / ted	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached	Financial support va (either own resource or fund received from du agencies) in terms of Seed Grant/Fund inc Support to Idea / Prototype / Innovations inc Development no	Had the ea/Prototype/Inno ations raised any Seed fund/Angel Investment//C tring the period of receiving precubation/incubatio support at your Precubation/incubatio or institute during e financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	No	Principal Inn	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Rekha P.D			Faculty	у	Female		rekhapd@hotmail.com	9741501821	
	A study on typing and detection of oncoprotecein of human papillomavirus among sexually active women attending tertiary care hospital	Yenepoya Research Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty		2016	Non-IP / Non- Patented Technology	Still Under Development Process	Concept and application have been formulated.	Total Seed Grant/Fund Amount Disbursed to above idea/Prototype/I nnovations Development by Centre (In Rupees)	No
No		Principal Inn	ovator								
			Name			Туре	Ge	nder	Email		Contact
		Dr. Vidya Pai			Faculty	у	Female		micro_vidya7417@rediffmail.com	o 9945438381	
A dental implant abutment		Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty		2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercializatio ncubati	n/I laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above dea/Prototype/I nnovations Development by Centre (In Rupees)	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status o Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubal Centre/institut received any income/revenu from Idea/Prototype/I vations for the pincubation/incub n support and t services offered Preincubation/incub n or institute duu the financial per 2018-19?
	No	Principal Inn	ovator							
			Name		Туре	G	ender	Email		Contact
		Dr. Hasan Sarfaraz		Fac	ulty	Male		hsarfaraz@hotmail.com	9845083778	3
	Tool and Method for Measuring Palatal Depth	Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica 4102 tion No 3270  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  113000.000	No
No		Principal Inn	ovator							
			Name		Туре	G	ender	Email		Contact
		Dr. Sanath Shetty		Fac	eulty	Male		drshetty@rediffmail.com	9845208322	2
Co-Innovator										Tool and Meth for Measuring Length of the
	Name		Туре		Gender		Email	Col	ntact	Maxillary Arch
Dr. Mallikarjun R		Faci	ulty	Male		drmallis@gn	nail.com	7676708707		

Idea / Prototype / Ir	nnovation have i	received Gran	/ funding from I	Pre-Incubation	on / Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovati Project Starte	on / Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  112000.000	No	No	
Principal Innovate	or	<u>'</u>	<u>'</u>							
	Name		Туре		Gender		Email	Co	ontact	
Dr. Sanath Shetty		Fa	culty	Mal	•	drshetty@rec	diffmail.com	9845208322		
Co-Innovator										An additive infusion bottle
	Name		Туре		Gender		Email	Co	ontact	
Dr. Mallikarjun R		Fa	iculty	Mal	9	drmallis@gm	ail.com	7676708707		
Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology Applie Yes d for Patent	at Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of In Project	novation / Started	Type of Innovatio	Incul	ent Status Pre- bation/Incubati on Support Received	Current Status Innovation, St of TRL it ha reached	us of tage a	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubation support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
Principal Innovator													
	Name		Туре			Gender			Email		Cor	ntact	
Dr. Akhter Hussain		F	aculty		Male			drakhter@yah	noo.com		9845084266		
A radiation shielding composition	Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Faculty f	2018		IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1824  Year of Patent Applica tion	Comi	pleted and mercialize as ap/Company	TRL 4 : Small s prototype built i laboratory environment ("u prototype).	in a	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  59000.000	No	No
	Principal Inn	ovator											
		Name			Туре			Gender			Email	Co	ontact
	Dr. Riaz abdulla			Faculty		M	1ale		rizde	ent@yaho	o.com	9880530880	
	Co-Innovator												
		Name			Туре			Gender			Email	Co	ontact
	Mr. Jagadish Kudku	li		Faculty		M	1ale		jagdi	ishk13150	3@gmail.com	8762908129	
	Dr. Rekha P.D			Faculty			Female rekhap			rekhapd@hotmail.com 9741501821			

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 Faculty 2018 No No Intellectual Property TRL 3: Applied Completed and TRL 4: Small scale A dual mode paper IP / Patented Yes analytical device and Management Cell research. First Commercialize as prototype built in a Technology method of fabricating the laboratory tests Satrap/Company laboratory completed; proof of environment ("ugly" same Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 4103 Development by 4005 Centre (In Rupees) Year of 2018 Patent 059000.00 Applica tion **Principal Innovator** Name Туре Gender Email Contact Male Dr. K. Sudhakarprasad Faculty ksprasadnair@yenepoya.edu.in 9108772501 Co-Innovator Gender Name Type Email Contact Ms. Sonia Joseph Faculty Female soniajoseph791@gmail.com 8547214405 TRL 3: Applied Faculty 2018 Completed and TRL 4: Small scale No Polymeric Hydrogel Intellectual Property No IP / Patented Yes Management Cell research. First Ready for prototype built in a Technology laboratory tests Commercialization/I laboratory completed; proof of ncubati environment ("ugly" Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations Applica tion No 4103 7809 Development by Centre (In Rupees) Year of 2018 Patent 059000.00 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received an income/reven from Idea/Prototype/ vations for the incubation/incul n support and services offere incubation/incul n or institute du the financial pe 2018-19?		
	Principal Inn	ovator										
		Name		Type Gender				Email	Co	Contact		
	Dr. Renjith Johnson			Faculty	Male		renjithjohr	renjithjohnson@yenepoya.edu.in 7338172132				
	Co-Innovator Co-Innovator											
		Name		Туре		Gender		Email	Co	ontact		
	Ms. Namita Premar			Faculty	Fema	ale	namithapı	reman94@yenepoya.edu	in 9400585157			
erbal Composition	Intellectual Property Management Cell	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 7737  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 58000.000	No	No		
	Principal Inn	ovator		•								
		Name		Туре		Gender		Email	C	ontact		
	Dr. Vidya Bhat	Dr. Vidya Bhat			Faculty Female			vidyabhat@rediffmail.com 9448824193				

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre Stage of Innovation Innovation Developed by		Year of Innovation / Type of Innovation Project Started		Incubation/Incubati Innovation on Support of TRI		t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatic n or institute during the financial period 2018-19?				
	Co-Innovator	Co-Innovator To a series of the series of th												
		Name		Туре		Gender			Email	Contact				
Dr. Sanath Shetty				Faculty		Male		drshetty@rediffmail.com		9845208322				
	Dr. Mallikarjuna Ra	gher		Faculty	Ma	le		drmallis@g	gmail.com	7676708707				
	Dr. Santoshi Naik			Faculty	Fe	male		santoshina	ik@yenepoya.edu.in	8095014875				
	Dr. Varsha P Bhat			Student	Fe	male		varshapbh	at3@gmail.com	8123568932				
Shade tab and process for its preparation	Intellectual Property Management Cell  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty results are completed; proof of concept.			2018	IP / Patented Technology  Applie d for Patent  Patent Applica 4104 tion No 1983  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	prototype laborator	nent ("ugly"	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  60000.00	No	No			
	Principal Inn	ovator												
		Name		Туре		Gender			Email	Co	ontact			
	Dr. Mallikarjun Ragher			Faculty Male			drmallis@gmail.com 7676708707							

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre  Stage of Innovation Innovation (TRL Stage)  Developed by			Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati Innovation, Stage		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?	
	Co-Innovator										
		Name		Туре		Gender		Email		ontact	
	Dr. Sanath Kumar S	hetty		Faculty	Ma	le	drshetty	drshetty@rediffmail.com			
	Dr. Hasan Sarfaraz  Dr. Savita Dandekeri			Faculty	Ma	le	hsarfara	z@hotmail.com	9845083778		
				Faculty	Fe	male	drsvth@	rediffmail.com	9880836779		
	Dr. Mohammed Zah	id		Faculty	Ma	le	dr.zahid(	02@gmail.com	9986321112		
	Dr.Shifa			Student	Fe	male	shifamad	dani@gmail.com	8073840983		
Method and kit for direction of drugs resistant mycobacterium tuberculosis	Intellectual Property Management Cell  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty			2018  IP / Patented Technology  Applie d for Patent  Patent Applica tion No 6113  Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	ototype built in a Pes poratory vironment ("ugly" Total Seed		No	
	Principal Inne	ovator									
		Name		Туре		Gender		Email	C	ontact	
i	Dr. T. S. Keshava P	rasad		Faculty Male			keshav@	yenepoya.edu.in	9972250102	9972250102	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No Intellectual Property TRL 3: Applied Faculty Completed and TRL 4: Small scale An innovative IP / Patented Yes research. First Ready for prototype built in a approach to design Management Cell Technology Commercialization/I laboratory the save appliance, laboratory tests completed; proof of environment ("ugly" maxillary ncubati Total Seed Grant/Fund protraction device concept. prototype). Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 2019 4100 Patent nnovations Applica tion No Development by 6367 Centre (In Rupees) Year of 2019 Patent 062000.00 **Applica** tion No **Principal Innovator** Name Type Gender Email Contact Male Sandeep Gopal Shetty Faculty sandeepshettyortho@yahoo.in 9845009699 2018 ESQUARE F Orthodontic Intellectual Property TRL 3: Applied Faculty Completed and TRL 4: Small scale No IP / Patented Yes research. First prototype built in a Bracket Management Cell Commercialize as Technology laboratory tests Satrap/Company laboratory completed; proof of environment ("ugly" Total Seed concept. prototype). Grant/Fund Yes Applie d for Amount Patent Disbursed to above Idea/Prototype/I 2019 Patent nnovations 4100 Applica Development by tion No 8082 Centre (In Rupees) 2019 Year of Patent 62000.000 Applica tion No **Principal Innovator** Name Type Gender Email Contact Sandeep Gopal Shetty Faculty Male sandeepshettyortho@yahoo.in 9845009699

Name of Idea / POC / Innovation / Prototype Received Funding / Gran from Centre		Stage of Innova (TRL Stage	ation Innovatio	n Year of Inn	ovation / Tune of	Curre Incul	ent Status Pre- Ci eation/Incubati In	urrent Status of novation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Co-Innova										
	Dr.Faiz Ahmad	Name		Student	Туре	Male	Gender	drfaizbhat@	Email	9419427860	ntact
	Dr.Stanly Selva			Student		Male		stan.s310@		8123335817	
Name of Start-up Received Funding / Grant from Centre	ceived Grant / f	funding from F Year of Registration	Pre-Incubation  Registered as	Start-up with Corporate Identification Number (CIN) Registration	Centre / Facilit	ES Type of Innovation	Current Status Pre- Incubation/Incuba tion Support Received	Has the Start- Grown to a start- of Employme Generation to Numbers or a annual Turnov to Rs. 50 Lak during the financial yea 2018-19	age Financial supported (either own 10 resource or fund received from agencies) in terms of Seed Grant/Fund	fund/Angel Investment/VC during the period of receiving pre- incubation/incuba tion support at your Pre- incubation/incuba tion or institute	incubation/incuba
Molsys Private Limited	Yenepoya	2018-19	Private Limited	U85300KA2018P	Innovator/Entrepr	Service Based	Receiving	No	financial period 2018-19?	during the financial period 2018-19?	tion or institute during the financial period 2018-19 ?

Founder					
Name	DIN Number	Туре	Gender	Email	Contact
ANUPAM JYOTI DASH	08164109	Innovator/Entrepreneur External to Institute	Male	anupamjdash@molsys.in	9108896655

Start-ups have red  Name of Start-up Received Funding / Grant from Centre	Ceived Grant / f	Year of Registration	Pre-Incubation	Start-up with Corporate	Centre / Facili Start-up Founded		Current Status Pre- Incubation/Incuba tion Support Received	Has the Sta Grown to a of Employr Generation Numbers c annual Turr to Rs. 50 during the financial y 2018-1	stage ment to 10 or an nover akhs ne vear	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start- up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incuba tion support at your Preincubation/incuba tion or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incuba tion support and the services offered by Pre-incubation/incuba tion or institute during the financial period 2018-19?
	Co-Founder	,										
		Name		DIN Number		Туре	Gende	r		Email	(	Contact
	GAURAB BANERJEE					/Entrepreneur to Institute	Male	Male		gurabbanerjee@molsys.in		

**Co-Incubation Partnership** 

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	Kalam Institute of Health and Technology	Incubation,Mentoring,Networking,Investment,See d fund	0	17-09-2018
Incubation Services/Support Received from Other Institute/Incubator	RDL Technologies Pvt Ltd	Mentoring	7	15-06-2018
Incubation Services/Support Extended to Other Institute	ABBOTT India Pvt Ltd	Pre-incubation	1	21-02-2019
Incubation Services/Support Extended to Other Institute	Aurigene Discovery Technologies Limited	Mentoring	1	11-04-2019
Incubation Services/Support Extended to Other Institute	The ICAR Central Marine Fisheries Research Centre	Mentoring	1	07-05-2019
Incubation Services/Support Extended to Other Institute	GHANA Health Service	Networking	2	18-03-2019
Incubation Services/Support Extended to Other Institute	Sanofi Synthelabo India Private Limited	Networking	1	26-07-2018
Incubation Services/Support Extended to Other Institute	Life Sciences Sector Skill Development Council Mantosh Sondhi Center	Pre-incubation	2	29-12-2018

**Technology Commercialization / Transfer** 

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
--	--------------------	---------------------	-------------------------	-------------------------	--	------------------------	---	---

**Technology Commercialization / Transfer** 

			†							
Maxillofacial Orthopedic Appliance	IP/Patented Technology	Licensing with Royalty Sharing	2303CHE2011	Patent/Licence Holder name (Institute Co- ownership is Must)	Dr Akther Husain	Intellectual Property Management Cell	Licence Transferred to Name of	Other organisation/ Agency  Dr Akther	Yes	500000.00
				Contact number of license holder	9845084266		Industry/Start- up/Agency Received License/Techno logy	Husain		
				Email of Licence holder	drakhter@ya hoo.com		Address of Agency	Fathima Aprtments Britto Lane Falnir Mangalore Karnataka India 575001		
				Gender			Contact Number of Agency	9845084266		
							Email of Agency	drakhter@ya hoo.com		

## **Declaration**

To, The ARIIA Committee MHRD's Innovation Cell New Delhi

## Joint Declaration by the Head of the Institute and Nodal Officer

#### Dear Sir,

Herewith, myself Dr. M.Vijayakumar (Head of Institute) and Mr. Asim Syed Sheeraz (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

Dr. M.Vijayakumar Head of the Institution,

Yenepoya University,

Mangalore, Karnataka

Nodal officer

Mr. Asim Syed Sheeraz Nodal Officer,

Yenepoya University, Mangalore, Karnataka

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