

Promotion of Research and Innivation for Undergraduate Students (PRIUS)									
S. No.	Students Details		Project Title	Supervisors at IIT Indore		Duration		Financial Support Required	Approval accorded for Financial Support
	Name	Roll No.		Supervisor	Co-Supervisor	Start Date	End Date		
1	Ankit Kumar Verma	1100304	High Energy Physics	Dr. Raghunath Sahoo	NA	Total 11weeks		Rs 2,20,820/-	Rs 65,000/-
	Eshan Yash Sharma	1100212				5/16/2014 to July 29, 2014 in CERN, August 1, 2014 to			
2	M. Mounika Reddy	1100320	Investigation on Resource Allocation Algorithms for Green Cellular Networks	Dr. Prabhat Kumar Upadhyay	NA	13.Mai.14	14.Nov.14	Rs 1,10,000/-	Rs 50,000/-
3	Prasad Kulkarni	1100323	Automation of Abrasive Jet Machine Setup	Dr. N. K. Jain	Dr. I. A. Palani	05.Mai.14	01.Dez.14	Rs 1,00,000/-	Rs 1,00,000/-
	Devkant Singh	1100314							
	Pratik Bagal	1100307							
4	Dharmpal Meena	1100209	Designing Water Flow Controller for Dual Ion Beam Sputtering Deposition (DIBSD) Facility	Dr. Shaibal Mukherjee	NA	14.Jun.14	14.Dez.14	Rs 60,000/-	Rs 50,000/-
	Jitendra Kumar	1100217							
5	Himanshu Singh	1100317	Design and Development of 3/2 Shape Memory Alloy (SMA) actuated Directional Control Valve (DVC)	Dr. I. A. Palani	Dr. B. K. Lad	26.Mai.14	November, 2014	Rs 98,000/-	Rs 98,000/-
	Pratik Juikar	1100318							
6	Anirudh Tunga	1200305	Design and Development of a7 - DOF Manipulator	Dr. M. Santhakumar	NA	19.Jän.15	18.Jul.15	Rs 2,00,000/-	Rs 2,00,000/-
	Vikram Katti	1200335							
7	Gaurav Gupta	1200314	Design and Development of a Lower Limb Rehabilitation Robot	Dr. M. Santhakumar	NA	16.Mär.15	15.Sep.15	Rs 2,48,000/-	Rs 2,48,000/-
	Chitransh Saxena	1200311							
8	Anmol Srivastava	1200306	Design and Development of highly efficient wave energy converter (WEC)	Dr. I. A. Palani	NA	May, 2015	November, 2015	Rs 1,19,750/-	Rs 1,19,750/-
	Avula Agasthya	1200309							
9	Ayush Jain	1200310	Design and Development of Inverted Stewart Platform for 3-D Printing & Micro-Machining	Dr. I. A. Palani	NA	20.Mai.15	November, 2015	Rs 1,10,000/-	Rs 1,10,000/-
	Abhinav Saini	1200301							
10	Vishal Jain	1200337	Design and Development of a bio-mimetic robotic fish using smart materials	Dr. I. A. Palani	NA	06.Mai.15	November, 2015	Rs 1,05,000/-	Rs 1,05,000/-
	Sahil Mittal	1200329							
	Akshay Shewatkar	1200304							
11	Manchala Srilakshmi	1200320	Ultrasonic Machining (USM) Device - Design and Fabrication	Dr. Neelesh Kumar Jain	NA	05.Mai.15	30.Nov.15	Rs 1,13,000/-	Rs 1,13,000/-
	Mayank Kumar Uprawal	1200321							
	Pankaj Kumar	1200325							
12	Vikas Raunak	1200137	Performance Evaluation of Congestion Control Algorithms for Multimedia Applications	Dr. Neminath Hubballi	NA	10.Aug.15	10.Feb.16	Rs 2,00,000/-	Rs 2,00,000/-
13	B Krishna Chaitanya	1200206	A protocol to manage and control lot enabled devices via smartphones	Dr. Gourinath Banda	NA	01.Mai.15		Rs 1,50,000/-	Rs 1,50,000/-
14	Harsh Mohan	1200315	A protocol to manage and control lot enabled devices via smartphones	Dr. Gourinath Banda	NA	01.Mai.15		Rs 1,50,000/-	Rs 1,50,000/-
15	Namita Agrawal	1200323	Development of a "machine cyber-operating unit" for smart manufacturing planning	Dr. Bhupesh K. Lad	NA	10.Okt.15	10.Apr.16	Rs 60,000/-	Rs 60,000/-
	Miroojin Bakshi	1200105							
16	Singdh Mohan Singh	130003035	Diffusion Emission from Galaxy Clusters with the Square Kilometer Array (SKA)	Dr. Abhirup Datta	Dr. Siddharth S. Malu	10.Feb.16	09.Feb.17	Rs 2,00,000/-	Rs 2,00,000/-
17	Aniket Tiwari	150002006	Design of a roomtemperature receiver for medium-frequency (1420MHz) communication and radio Astronomy	Dr. Siddharth S. Malu	Dr. Abhirup Datta	28.Apr.16	30-Sep-17 (extendable depending on progress)	Rs 4,90,000/-	Rs 4,90,000/-
	K. Dasarath	150003015							
18	Akash Kumar Jain	130003005	Design and development of Shape memory alloy actuated micro-flapper for micro aerial robot	Dr. I. A. Palani	NA	May, 2016	November, 2016	Rs 1,00,000/-	Rs 1,00,000/-
	Aniket Jadhav	130003018							
	Gourav Karmarkar	130003019							
	Abhijeet Patil	130003027							

19	Pratik Patil	130003028	Design and development of Peristaltic mesoworm soft robot using shape memory alloys as actuators	Dr. I. A. Palani	NA	May, 2016	November, 2016	Rs 1,00,000/-	Rs 1,00,000/-
	Harsh Sharma	130003017							
20	Chandankumar	130003013	Shape Memory Alloy Bimorph based micro circuit breaker for transformer oil temperature sensing	Dr. I. A. Palani	Dr. B. K. Lad	May, 2016	November, 2016	Rs 1,10,000/-	Rs 1,10,000/-
	Parikshit Gaur	130003026							
21	Akarsh Kumar Jain	130003004	Actively Controlled Adaptive Shape Memory Alloy based Smart Blades for Wind Turbines	Dr. I. A. Palani	Dr. M. Anbarasu	May, 2016	November, 2016	Rs 1,20,000/-	Rs 1,20,000/-
	Ezaj Ahmed	130003014							
	Samyak Jain	130003033							
22	Ashok Kumar	130003010	Design and Development of Dip coater for coating thin films	Dr. I. A. Palani	Dr. Vipul Singh	May, 2016	November, 2016	Rs 70,000/-	Rs 70,000/-
	Ashutosh Lenka	130003021							
	Ramesh Kumar Nagar	130003032							
23	Mergu Surya Teja	130002022	Design and Development of Oleds	Dr. Vipul Singh	NA	May 8, 2016	31.Dez.16	Rs 1,25,000/-	Rs 50,000/-
24	Ayush Pandey	130003012	Printing of semiconductor and polymers on flexible polyimide substrate, compatible to roll to roll electronic device printing technology	Dr. I. A. Palani	Dr. Vipul Singh	May, 2016	November, 2016	Rs 1,10,000/-	Rs 1,10,000/-
25	Mohini Phulwalkar	140003026	Smart Neck Collar	Dr. I. A. Palani	NA	July, 2016	December, 2016	Rs 1,20,000/-	Rs 1,20,000/-
26	Kalyan Garigapati	140001011	Radio Frequency Interference (RFI) - Detection and Mitigation	Dr. Abhirup Datta	Dr. Abhishek Srivastava	01.Sep.16	31.Aug.17	Rs 2,00,000/-	NIL
27	Deepesh Gothwal	130002011	Confronting India's Ubiquitous Drinking Water Scarcity A Comparative Study of Water Governance in Rajasthan and Meghalaya	Dr. Neeraj Mishra	NA	Mai.16	Nov.16	Rs 75,000/-	Rs 75,000/-
28	Ruchir Garg	140001028	Recycling of Krylov Subspaces for Model Reduction on GPUs	Dr. Kapil Ahuja	NA	01.Mär.17	31.Aug.17	Rs 75,000/-	Rs 75,000/-
29	Mayank Bambal	150003019	Design and Development of Smart Material Coated Optical Fiber Reinforced Internet of Things Enabled (IoT) Soft Prosthetic Hand and thereof	Dr. I. A. Palani	NA	July, 2017	June, 2018	Rs 1,40,000/-	Rs 1,40,000/-
	Naveen P. George	150003021							
	Vinod Dawar	150003038							
30	Avadhoot P. Sinkar	160003053	Design and development of tower climbing hexapod with shape memory alloy (SMA) actuated suction grippers	Dr. I. A. Palani	NA	July, 2017	July, 2018	Rs 1,20,000/-	Rs 1,20,000
	Chaitnya M. Mehta	160003028							
	Aditya Pandey	160003004							
31	Rohit Gupta	140002027	Growth and Optimisation of TiO2 nanostructures and study its application as a photodiode	Dr. Vipul Singh	NA	15.Jul.17	14.Jän.18	Rs 60,000/-	Rs 60,000/-
32	Abhijeet Singh Tomar	160005002	Futuristic Dielectric Resonator Antennae (DRA) with high dielectric constants: A new dimension to signal detection	Dr. Somaditya Sen	Dr. Siddharth Malu, Dr. Abhirup Datta	Oct, 2017	Oct, 2019	Rs. 95,000/-	Rs. 95,000/-
	Yash Rajesh Shinde	160005040							
	Indraneel Deshpande	160005010							