

BIRAC GYTI Awards 2016

Title	Student	Supervisor Name	College/Institute
Simple Low-cost Bioactive Titanium Foam via Novel Route for Skeletal Tissue Reunion	KausikKapat	SantanuDhara	Indian Institute of Technology, Kharagpur
Flexible biodegradable anti-microbial new advanced form of Intra Uterine Contraceptive Device (IUCD)	Bhuvaneshwaran Subramanian	Professor DR. Sujoy K Guha	Indian Institute of Technology, Kharagpur
	Selvakumar M		
	DibyenduGouri		
Automated opto-fluidic Microscope for Cellular Diagnostic Testing.	VeerendraKalyanJagannadh	Dr. Sai Siva Gorthi	Indian Institute of Science, Bengaluru, Karnatak
	Jayesh V. Adhikari		
	Albina L. Nirupa		
	Rashmi S		
	BinduBhat		
3D printed hydroxyapatite tray for segmental mandibular bone reconstruction by stem cell delivery for oral cancer patients	Sanskrita Das	Dr. Sourabh Ghosh	Indian Institute of Technology Delhi
	Dr. PraveshMehra		
NStomoz - Vascular anastomosis assist device	Anand Parikh	Prof VenkateshBalasubramanian; Dr V B Narayanamurthy	Indian Institute of Technology Madras
Wearable drug delivery device based on microneedles for efficient management of Chemotherapy Induced Nausea and Vomiting (CINV) and Nausea and Vomiting in	Bhushan N Kharbikar	Prof Rohit Srivastava	Indian Institute of Technology Bombay

Pregnancy (NVP)			
Automatic Urine And Fecal Disposal System	Neenu Jose	JinuSebastian	Sahrdaya College of Engineering And Technology
	Athul.K.Raj,		
	Athira.K.R,		
	Neenu.P		
Device for IntrapartumMaterno -Fetal Care	Vichal P M	Appaji M Abhishek	Bms College of Engineering, Visvesvaray
Rapid Endotoxin Entrapment and Detection on Surface-engineered Glass Substrates	Sachin Kumar	Dr. Shalini Gupta	Indian Institute of Technology Delhi
	PrasantaKalita,		
	Ruchika Sharma,		
	NitishGoel		
Near Infra-Red light Activable Iron(III) Complex as a Remarkable and organelle-targeted Anti-cancer Agent for the Photodynamic Therapy Application	Aditya Garai	Prof. A. R. Chakravarty	Indian Institute of Science, Bangalore
Energy efficient combined process of microbial fuel cell (MFC) and membrane bioreactor (MBR) for high efficiency and reliable treatment of organic wastewater	Sreemoyee Ghosh Ray	Prof. M. M. Ghangrekar, Department of Civil Engineering, IIT-Kharagpur	Indian Institute of Technology, Kharagpur
	GouravDharBhowmick		
A Novel Compound Restores Obsolete Antibiotics to NDM-1 Superbugs	Divakara SS Murthy Uppu	Prof. JayantaHaldar	Jawaharlal Nehru Centre For Advanced Scientific Research (JNCASR)
	JayantaHaldar,		
	Goutham B Manjunath		
	Padma Akkapeddi		
Development of a novel, non-biological pyrogen/microcellul	Yadav Vijay Dukhran	Dr. PrajaktaDandekar Jain	Institute of Chemical Technology,
	Rohan Chhabra,		
	Nikhil Kalane,		

ar components detection technique for purification and depyrogenation of water.	AnomitraDey,		Mumbai
	Tejal Pant		
	Dr. Ratnesh Jain		
A Compact Microwave Sensor for Characterization of Radomes and Dielectric Signature Detection of Materials in 3G and 4G GSM Bands	Abhishek Kumar Jha	Dr. M. J. Akhtar	Indian Institute of Technology, Kanpur
Development of portable device based on polarized fluorescence for detection of cervical pre-cancer	Bharat LalMeena	Prof. AsimaPrdhan	India Institute of Technology, Kanpur
	Ms. Seema Devi,		
	Prof. Asima Pradhan,		
	Dr. Kiran Pandey,		
	Dr. Asha Agrawal		