

Gandhian Young Technological Innovation (GYTI) Awards 2018

Sr No	Status	Title	Students	Supervisors
1	BIRAC GYTI Award	Novel Hybrid Technology for Bioseparation	Jayeshkumar Sevantilal Mevada	Prof. Aniruddha B. Pandit
2	BIRAC GYTI Award	Development of engineered E.coli for high throughput drug screening against Malaria	Preeti Yadav	Dr. Shailja Singh Dr. Swati Garg,
3	BIRAC GYTI Award	Anti-pesticide dermal gel	Ketan Thorat Subhashini Pandey	Dr. Praveen Kumar Vemula
4	BIRAC GYTI Award	Yog-I - An affordable insulin pump for Type-1 diabetic patients in resource	Deval Karia, Rohit S. Nambiar	Dr. Manish Arora
5	BIRAC GYTI Award	Magnetic-field actuated hybrid nanofiber scaffold and apparatus for 4D tissue	Dr Uday Kumar Sukumar,	Dr. P. Gopinath
6	BIRAC GYTI Award	Modernization of traditional anti-malarial drug artesunate via nanomedicine	Deepika Kannan, Nisha Yadav	Dr. Shailja Singh, Dr. Bimlesh Lochab,
7	BIRAC GYTI Award	Revelation of G-quadruplex formation as a molecular basis of fragile X tremor/ataxia	Yogeeshwar Ajjugal, Narendar Kolimi	Dr. Thenmalarchelvi Rathinavelan
8	BIRAC GYTI Award	Low-cost, easy-to-use, in-house developed electric cell impedance sensing	Uvanesh Kasiviswanathan	Prof. Neeraj Sharma, Dr. Sanjeev Kumar
9	BIRAC GYTI Award	Growth factor free strategy for therapeutic neo-vascularization	Shivam Chandel, Abel Arul Nathan S	Dr. Madhulika Dixit
10	BIRAC GYTI Award	Real Time Surrogate Visual Tracking of Lung Tumours for Effective Radiotherapy	Priya Singh, Darshan Ramesh Shet	Venkatesh K Subramanian
11	BIRAC GYTI Award	Patient-specific spheroid-on-chip for cancer treatment: combinatory drug	Sharanya Sankar, Viraj Mehta	Subha Narayan Rath
12	BIRAC GYTI Award	Pneumatic Damping Prosthetic Leg For Above-knee Amputees	Muhammed Janish U, Abhijitnath A	Padmakumar K
13	BIRAC GYTI Award	Actin Mimetic ATP Driven Controlled Supramolecular Polymerization	Ananya Mishra	Prof. Subi J. George
14	BIRAC GYTI Award	Image Analyzing Drying Patterns Of Blood And Plasma Droplets For The Rapid	Manikuntala Mukhopadhyay,	Prof. Sunando Das Gupta
15	BIRAC GYTI Award	Development Of Rapid And Non-destructive Method For Detection Of	Gayatri Mishra, Ranjana Rani	Dr. H N Mishra Shubhangi Srivastava
16	GYTI Award	Utilisation of Real-World Waste Plastic for the Production of Fuel Range Liquid	Uma Dwivedi	Prof. K. K. Pant, Prof. S. K. Naik
17	GYTI Award	Non- Catalytic Deep Desulfurization Process Using Hydrodynamic Cavitation	Nalinee B. Suryawanshi	Dr. Vinay M. Bhandari
18	GYTI Award	Dual action of SPIONS in effective removal of heavy metals and mosquito	Roshini S. M., Karthika M.,	Dr. Antony V Samrot
19	GYTI Award	Formic Acid-powered Ferrobots For Clean Energy Technology	Amit Kumar Singh, Saptak Rarotra,	Prof. Dipankar Bandyopadhyay,
20	GYTI Award	Early Diagnosis Of Osteoporosis Using Metacarpal Radiogrammetry And Texture	Anu Shaju Areeckal	Prof. Suman David S
21	GYTI Award	Novel and eco-friendly light weight thermal insulating ceramics from thermal power	Yogesh D. Urunkar, Chandrakant S. Bhogle	Prof. Aniruddha B. Pandit,
22	GYTI Appreciation	Artificial Intelligence based Biomarkers of Knee Osteoarthritis	Nikhil Gupta, Dr. Alok Prasad	Prof. Tapan Kumar Gandhi
23	GYTI Appreciation	Experimental Setup to Predict the Plaque Growth of Human Heart Coronary Arterial	Mallikarjunareddy Reddy Boreddy	Dr. Mallikarjunachari G

24	GYTI Appreciation	Development of low grain arsenic rice by the fungal arsenic methyltransferase via	Shikha Verma, Dr. Pankaj Kumar	Dr. Debasis Chakrabarty
25	GYTI Appreciation	Towards Application of Helical Nanorobots for Biomedical Applications.	Dasgupta, Arijit Ghosh, Neha Somalwar	Dr. Deepak K Saini, Prof. Ramray Bhat
26	GYTI Appreciation	D-allulose production utilizing the low-cost agro-industrial residues	Satya Narayan Patel	Dr. Sudhir P. Singh
27	GYTI Appreciation	mechanism based bio-compatible, user-friendly and cost-effective elbow	Bhabani Shankar Nayak	Dr. Sisir Kumar Nayak, Mr. Deepak P. Prabhu
28	GYTI Appreciation	dapsone-phytochemical hybrid candidate for use in multidrug therapy against	Shasank Sekhar Swain	Padhy, Prof. P. Sudhir Kumar
29	GYTI Appreciation	target for treatment of Parkinson's Disease.	Mohd Ahsan, P Chinmai	Prof. Sanjib Senapati
30	GYTI Appreciation	subtype classification of breast cancer using machine learning.	Bikash Ranjan Samal	Dr. Ranjit Prasad Bahadur
31	GYTI Appreciation	bacterial infections with modular drug platforms: An idea towards personalized	Rohini Singh	Prof. Shalini Gupta
32	GYTI Appreciation	Economical Paper-Strip For Early Stage Mastitis Disease Detection In Cow	Barla, Navin V Narayanan, Sudip	Prof Y. Hari Babu
33	GYTI Appreciation	Anemia meter	Jeethu Raveendran	Dr. T. G. Satheesh Babu
34	GYTI Appreciation	Function Relationship of an Intrinsically Disordered Protein to Design Soil Salinity	Sneha Munshi	Dr. Athi Narayanan N
35	GYTI Appreciation	of Care, Colorimetric Method, using Reactive Oxygen Species induced Lipid	Nikhiya Shamsher	Aloysius D'Mello
36	GYTI Appreciation	functional device to prepare dried spherical granules	Rajendra Prasad Moturu	Prof. K.V. Ramana Murthy
37	GYTI Appreciation	Audience response device for Deaf and mute classroom	Manasi Mishra	Prof. S. RN Reddy
38	GYTI Appreciation	Manufacture of RTD Carbonated Grain Beverage	Anjali Thakur, Pooja Pandey	Dr. H N Mishra
39	GYTI Appreciation	Rice Kernels through Extrusion Technology	Genu, Jayshree Majumdar	Dr. H N Mishra
40	GYTI Appreciation	An Automated Panipuri Vending Machine	Jyoti Sarma, Chanddeep S. Gogoi	Er. Polash Pratim Dutta
41	GYTI Appreciation	Fibonacci Series based Rectangular Microstrip Patch Antenna	Deven G. Patanvariya, Kalyan Sundar Kola	Dr. Anirban Chatterjee
42	GYTI Appreciation	Smart Signalling And Interlocking System	Umasankar, Karthikeyan S.	Dr. C. Ramesh
43	GYTI Appreciation	Bhu-goal : Predicting Moods Of India	Rouble Gupta, Debarshi Ghosh	Dr. Nitin K. Saluja
44	GYTI Appreciation	Next-generation Cathode Material for Energy Storage Devices	Krishnakanth Sada, Anshuman Chaupatnaik	Prof. Prabeer Barpanda