

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

The following applicants have been selected under the 2nd National Call for Proposals for Fellows

List of Selected E-YUVA Fellows						
Sr. No.	Reference No	Title	Team Members	Team Institutes	Team Mentor	E-YUVA Centre
1	BT/EF0607/2.0/24	Anti-pollution personal care for combatting urban damage on skin and hair	Vipul Bajaj	Delhi Pharmaceutical Sciences and Research University	Dr. Harvinder Popli	University of Rajasthan, Jaipur
			Mehak Kapoor			
			Tushar Bansal			
2	BT/EF0606/2.0/24	Analyzing the effect of Zinc Oxide Nanoparticle developed using green synthesis on mechanical and biological properties of Polymethylmethacrylate for it's effective use as denture base resin.	Rohan Shrivastava	Mahatma Gandhi University Of Medical Sciences And Technology Jaipur	Dr. Pragati Kaurani	
			Mumal Chhavra			
			Nazia Gauri			
3	BT/EF0609/2.0/24	Delivering medicines whenever and wherever they are needed.	Lakshya Kochar	Malaviya National Institute of Technology, Jaipur	Dr. Rajesh Kumar	
			Shubh Chordia			
			Ayush Goyal			
			Jitesh Nagar			
			Aayush Gupta			
4	BT/EF0660/2.0/24		Muskan Gupta			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

		Alkaline dehydrated urine as a Biofertilizer: A waste to harvest approach	Shivram Karthik Garima Mittal Maitry Chauhan	Amity Institute of Biotechnology, AUUP Noida	Dr. Alok Kumar Singh	
5	BT/EF0631/2.0/24	Enhancing energy security and waste control: An efficient and affordable Biogas (Greengas) project	Pushpendra Dhayal Cheitanya Kumar Joshi Nitin Chaudhary	University Maharaja College, Jaipur	Dr. Rajbala Verma	
6	BT /EF0299/2.0/24	Herbal Chocolate to treat menstrual disorders	Ayushi Sorathiya Sorathiya Bhumi Amrutiya Janki Pan Manshiben Ramani Meet	Atmiya University, Rajkot	Dr. Kevinkumar Garala	Atmiya University, Rajkot
7	BT/EF0303/2.0/24	Nutra Blaze - A flame extinguisher for the Gut	Aumkareshwar Kamboya Krutarth Niraj Patel Varad Kinjal Dixit Harshit Gupta	Pandit Deendayal Energy University	Dr. Sachidanand Singh	
8	BT/EF0298/2.0/24	Development of an innovative trans-dermal herbal patch for soft tissue injuries: A novel approach to Ayurveda	Parth Sorathiya Ashishbhai Bhandaniya Asthanahen Pankajbhai Patel	G. J. Patel Institute of Ayurvedic Studies and Research	Dr. Ramesh Chandran	
9	BT/EF0302/2.0/24		Mitul Pujari			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

		Development of Benchtop Health checkup Device utilizing Microcontroller Electronics and Machine Learning Algorithm	Janka Patel Falguni Chaudhary Parv Vyas	Pandit Deendayal Energy University	Dr. Shirsendu Mitra	
10	BT/EF0293/2.0/24	Designing Smart Solutions for the Automating agricultural activities using IoT based embedded system.	Anand Trambadiya Ravi Gehlot Heer Chokshi Dhruvi Kachalia Dhara Vaghela	Atmiya University	Dr. Ashish Kothari	
11	BT/EF0411/2.0/24	Diagnostic tool for diabetic neuropathy DIATEC-D	Deepika H D.Tejashree R.Gowtham S.Dharshini P.N.Bathrinarayana	Sri Sairam Homoeopathy Medical College & Research centre Sri Sairam Engineering College	Dr. Sundarapandiyaraj Sakkaravarthy	
12	BT/EF0402/2.0/24	Production of Ectoine through whole-cell biotransformation of 1-2,4 Diaminobutyric Acid by cloning EctA and EctC in <i>Saccharomyces cerevisiae</i>	Jethasri B Tanusri B Sarvesh VR Mohammad Ameen	Alagappa College of Technology, Anna University	Dr. Ramalingam Subramanian	Anna University, Chennai
13	BT/EF0313/2.0/24		Reshma M M			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

		Advancing Contraceptive Innovation: Polymeric Neem-Infused Silicone Intrauterine System for contraceptive protection	Samyuktha	Alagappa College of Technology	Dr. Anuradha C.D.	
			Ananya A			
			Shrinithy V			
14	BT/EF0406/2.0/24	A stable ready to use liquid fomulation of Oseltamivir	Balachander KS	BITS- PILANI Hyderabad campus	Dr. Yuvraj Singh	
			Harshavardhan R			
			Anil Kumar Barik			
15	BT/EF0388/2.0/24	Endobiome enrichment Enhancing stress tolerance for increased productivity of rice	Nagamangalam Meyyappan	Anna University	Dr. Tamilselvan Jayavelu	
			Krithika Janarthanam			
			Varshini B			
16	BT/EF0335/2.0/24	Making an herbal formulation for improving the fat content of milk from dairy cattle	Kanishka Gupta	Government College Shahpur	Dr. Sheetal Choudhary	
			Mahesh Dayma			
			Surekha Yadav			
			Sandhya Marskole			
			Divya Irpache			
17	BT/EF0362/2.0/24	Indigenously Developed Ankle CPM	Saurabh Mishra	Maulana Azad National Institute of Technology	Dr.Akhilesh Barve, Deepak Kumar, Vinod Yadav	
			Piyush Prasad			
			Abhishek Verma			
18	BT/EF0353/2.0/24	MagnaSuture: Addressing Urological Surgery Challenges with	Eeshan Pawar	All India Institute of Medical Sciences, Bhopal	Dr. Kumar Madhavan	
			Divyansh Sharma			

**Career
College,
Bhopal**

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

		a Magnetic Urethral Clutton for Enhanced Suturing Precision From Concept to Clinical Practice	Tithi Shah			
19	BT/EF0351/2.0/24	Preparation of Herbal candy	Anushka Gupta	Mansarovar Dental College	Dr. Amita Gupta	
			Disha Rathore			
			Abhishek Joshi	Jagran Lake City University		
			Jayesh Pawar	Mansarovar Ayurvedic College		
20	BT/EF0331/2.0/24	Unlocking Natures Palette: Harnessing Plant Waste for Affordable Herbal Colorants Revolutionizing Food, Textile, and Cosmetic Industries	Monisha Budhani	Career college	Dr. Nidhi Tripathi	
			Priyanshi Chauhan			
			Amit Raj			
			Bhoomika Dhote			
			Ayesha Khan			
21	BT/EF0393/2.0/24	The Earthy Comfort: Eco-friendly Herbal Sanitary Pads from Organic Fibres	Rajashree P	PSGR Krishnammal College for Women	Dr. Sarah Jaison	
			Ashvintha S			
			Pranathi K S			
			Hari Karthika S			
			Shalini V T			
22	BT/EF392/2.0/24	Food Packages from Flower Wastes: An Eco-	Logeshwari N	PSGR Krishnammal College for Women	Dr. Sunitha Kumari K	
			Shruthi H			

**PSGR
Krishnammal
College for
Women,
Coimbatore**

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		friendly and Sustainable Approach	Shri Nithi V		
			Durga M		
			Agalya M		
23	BT/EF0389/2.0/24	AI powered Rapid Antimicrobial Susceptibility Testing using Optical Nanomotion Dynamics	Sakthi Jaya Sundar Rajasekar	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	Dr. Varalakshmi P
			Sanmitha V S	College of Engineering Guindy, Anna University	
			Dhivyadharshini S B		
24	BT/EF0697/2.0/24	Developing Biodegradable Food Packaging Material from Fish Wastes	Nivetha S	PSG College of Technology	Dr. Vidyalakshmi S
			Manisha S		
			Krishnighaa Saravanan		
			Akshिता S S		
			Vashudha S S		
25	BT/EF0691/2.0/24	Bioengineered dressing impregnated with Hemigraphis alternata extract for enhancing healing of ulcers infected	Athira A	Dr. Moopens Medical College	Dr. Deepthy B J
			Keerthy V		
			Akmal Sithara		
			Nandana Sunil		

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

		with multi-drug resistant bacteria.	Akshay Krishna			
26	BT/EF0796/2.0/24	Helio floral Solar-Wind Hybrid Power Tower Eco Bloom	Manisha S	Agricultural Engineering College and Research Institute, TNAU, Coimbatore	Dr. Mahendiran R	
			Jayashree Arvind			
			Dharunika K			
			Swetha G			
27	BT/EF0800/2.0/24	Solar-powered pulse manager	Nihil Ram G V	Agricultural Engineering College & Research Institute	Dr. Dhananchezhian P	
			Nithya Veni A			
			Nithish Kumar T			
			Praveen Surya T			
			Nithyanandhan S			
28	BT/EF0787/2.0/24	Colocasia esculanta based Biowax as a natural coating for post-harvest preservation of fruits and vegetables.	Abhay Mahesh Baadkar	Yuvarajas College Autonomous Mysore	Dr. Devaki N S	
			Jaya Ashwin D S			
			Supriya S Sundar			
			Navaneeth K			
			Bhoomika B J			
29	BT/EF0835/2.0/24	Development of ecofriendly herbal shampoo tabs	Kalairasi Mani	Avinashilingam Institute for Home Science and Higher Education for Women	Dr. Kalaiselvi Senthil	
			Kaveena Periyasamy			
			Sivadharani Harihara Vairavan			
			Dakshata Mahalakshmi			

**Tamil Nadu
Agricultural
University,
Coimbatore**

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			Saravanakumar Palanivel	Agricultural College and Research Institute		
30	BT/EF0819/2.0/24	BioT: A liquid Bioreactor for sustainable indoor Carbon sequestration and Oxygen generation	Keerthana A	Kumaraguru Institute of Agriculture	Dr. Arunkumar N	
			Jeevagan V			
			Madhushini V S			
			Priyakharini P			
			Sowmiyann P			
31	BT/EF0766/2.0/24	Image Based Leaf-disease Detection, Automated Irrigation Control and Intelligent Advisory Systems	Likhita Jayakanth	Acharya Institute of Technology	Dr. Sujatha B M	
			Bole Swetha			
			Mr. Hemanth Kumar D M			
32	BT/EF0604/2.0/24	3D Printed Biobased Beehive for Automated Honey Collection	Rudra Narayan Behera	GIET University, Gunupur	Dr. Somanath Sahoo	GIET University, Gunupur
			Mr. Ankit Meher			
			Trushna Rani Nahak			
			Ipsita Ratha			
			Priyambada Pr. Behera			
33	BT/EF0760/2.0/24	Non-invasive Optical Sensor-Based Blood Sugar Monitoring with AI Analysis	Mr. Bhawani Sahu	GIET University	Dr. Tusarakanta Panda	
			Kumar Prasannajit Sahu			
			Basiliya Sara Sunil			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

			Priyanshu Kumar Patro		
			Abhilipsa Ratha		
34	BT/EF0377/2.0/24	SURFMIN - Microbial surfactants assisted biohydrometallurgy towards the recovery of critical minerals from electronic waste	Ms. Prerna M Gaidhani	National Institute of Technology Agartala	Dr. Padmanaban V C
			Prerna Dipak Patil		
			Tania Dhul		
			Rayavarapu Gowtham Kishore		
35	BT/EF0663/2.0/24	Innovative Mosquito Control: Harnessing Adhesive Gel and Irresistible Attractants for an Affordable and Eco-Friendly Solution	Mr. E. Ansip Kumar	Siksha O Anusandhan, School of Pharmaceutical Sciences	Dr. Arun Kumar Pradhan
			Biswajit Acharya		
			Ankisha Pradhan		
			Pratikshya P Sarangi		
36	BT/EF0756/2.0/24	Conventional Plastic to Sustainable Bioplastic	Jashanpreet Kaur	Mata Gujri College	Dr. Jagdish Singh
			Gurjot Kaur		
			Ajppinder Kaur		
37	BT/EF0741/2.0/24	A non-invasive, effective and affordable way to manage tremors in patients and improve their quality of life	Arnabjyoti Medhi	All India Institute of Medical Sciences, Rishikesh	Dr. Poorvi Kulshreshtha
			Bhavesh Suthar		
			Harikrishnan Kodamana		
38	BT/EF0752/2.0/24	Jivot Biobulb MK-1	Ishika Roy		Dr. Sumit Sharma

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

			Sudhanshu Kumar	Delhi Pharmaceutical Sciences and Research University		Panjab University, Chandigarh
			Chinmkoy Dan			
39	BT/EF0743/2.0/24	A prototype for real-time quantification and differentiation of prokaryotic and eukaryotic cells from dead cells in 2D images and videos	Pothina Mohnish	GITAM, Vizag	Dr. Santhi Latha Pandurangi	
			Shobhit Nagpal			
			Pratiksha Kage			
			Mounika Surath			
40	BT/EF0748/2.0/24	Making 100 percent natural and effective cleaner from waste citrus fruit peel	Gaurav Rauthan	Panjab University	Prof. Anupama Sharma	
			Mahi Jha			
			Abhisar Kala			
			Nerengen S			
			Muskan Naik			
41	BT/EF0449/2.0/24	Development of phytoceutical rich capsules for increasing the frying cycles of edible oils	Jenia Laishram	College of Food Technology, Central Agricultural University, Imphal	Dr. Praneeth Juvvi	
			Lanosh Bareh			
			Irungbam Thajalembi			
			Shiv Shankar Purty			
			Khwairakpam Alicia			
42	BT/EF0467/2.0/24	Multimode myoelectric prosthetic arm with haptic sensation.	Rohan Karmakar	Adamas University	Miss. Rupanwita Das Mahapatr	
			Atanu Sinha			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

			Sk Samsher Ahamed			
			Biswa Kalyan Maiti			
			Subhajit Mondal			
43	BT/EF0485/2.0/24	Development of a Portable and Low-Cost Indigenous UV-Vis nanodrop double beam Spectrophotometer for diagnostic and research services	Changamayum Kalpana Devi	JIS University	Dr. Agniswar Sarkar	Adamas University, Kolkata
			Sneha Das			
			Anwasha Mukherjee			
			Debanjan Bera			
			Sourin Sutradhar			
44	BT/EF0552/2.0/24	Rearing of Mealworm on Waste Vegetables for formulating low-cost protein rich mealworm poultry feed for backyard poultry farming	Md Nuruddin	Vivekananda Mahavidyalaya, Haripal	Dr. Sangram Sinha	
			Ankan Samanta			
			Titly Santra			
			Sujal Shaw			
			Jit Shaw			
45	BT /EF0541/2.0/24	Recycling shrimp waste into wealth: creating commercial chitin, chitosan, and innovative chitosan-based bio-plastic	Sudip Kamila	Mahishadal Raj College	Dr. Subhamoy Das	
			Sajal Patra			
			Lisha Dal			
			Sujata Khatuya			
			Suman Maity			

Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)

46	BT/EF0442/2.0/24	Biodegradable plantable materials	Shivaprakash Kachattiyavar	College of Agriculture, Dharwad	Dr. Renuka.S	University of Agricultural Science, Dharwad
			Rohith K			
			Shreyash appasaheb Kumbar			
47	BT/EF0366/2.0/24	Formulation and Evaluation of Eletriptan Iontophoretic Transdermal Patch	Moulya K R	Karnataka college of pharmacy, Bangalore	Mrs. Kusu Susan Cyriac	
			Sonika K M			
			Bijit Bharadwaj			
			Tarun T S			
48	BT/EF0324/2.0/24	Infra-Red Therapy as a Pets Shield against extemal parasites	Ramyashree Ramalingam	Veterinary College	Dr. Dhanalakshmi Hanumappa	
			Harshitha M			
			Basavaraja K			
49	BT/EF0321/2.0/24	Detecting PCOS from Ultrasound Image using Deep Neural Network	Anagha Rao	NMAM Institute of Technology, Udupi	Dr. Ashwini B	
			Amulya S			
			Amshula R Shetty			
			Bhavya Mahadev Patgar			
50	BT/EF0368/2.0/24	Development and Extraction of Maddu Thoppu Justicia wynaadensis as a food colorant and as a functional food	Thangamma P R	University Of Agricultural Sciences Dharwad	Dr. Archana Lamdande	
			Naresh Gowda D			
			Pooja Lachamayya Naik			
			Somashekar Reddy S V			