

Details of new projects sanction under the Scheme for Young Scientist and Technologists (SYST), programme FY-2022-23

Sl.No	Title of the Project	Name of the PI & Organisation Address, Email id	STATE	Amount sanctioned for the project	General Release	Capital release
1	Development of decision support system for monitoring and management of emerging aphid pests in apple orchards	Dr. Mohd Abas Shah, Central Institute of Temperate Horticulture, Srinagar, Jammu and Kashmir, 190007	Jammu and Kashmir	4789739	3287215	1502524
2	Smartphone enabled detection of cystic fibrosis using lead free perovskites based paper wearable analytical device	Dr. Bhanu Prakash, Institute of Nanoscience and Technology(INST), Mohali, Shahid Bhagat Singh Nagar, Punjab,140306	Punjab	2530647	1295895	1234752
3	Non- Invasive Point of Care Device for Breast Cancer Detection	Dr. Amrita Soni, CSIF CSIO Chandigarh, 160030	Chandigarh	4361188	3180850	1180338

4.	Presence of antibiotics in soil and its remediation	Ms. Arushi Saxena, Jaypee Institute of Information Technology, Noida, Gautam Buddha Nagar, Uttar Pradesh, 201309	Uttar Pradesh	3097204	2934364	162840
5.	Portable bacterial sensing device for food safety	Dr. Neha Sardana, Indian Institute of Technology Ropar, Rupnagar, Punjab,140001	Punjab	5131721	1858549	3273172
6.	Processing and Preservation of Non- timber Forest Products(Resins and Flowers)	Dr. Payel Ghosh, Vignan Foundation For Science Technology and Research, Vadlamudi, Guntur, Andhra Pradesh, 522213	Andhra Pradesh	4460940	2706280	1754660

7.	Cost Effective CT-complex Chemosensors for rapid detection of carcinogens with a classical tool	Dr. Sonam Shakya, Aligarh Muslim University, Aligarh, Uttar Pradesh, 202001	Uttar Pradesh	1973088	1973088	0
8.	Wireless soft flexible membrane electronics device for enhanced cardiac care in children	Dr. R Jegan, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, 641114	Tamil Nadu	3253383	2335520	917863
9.	Tsunami Management Action Plan with Mapping and Evacuation map in Emergency situation for Great Nicobar Island	Dr. Mukta Jagdish, Vardhaman college of Engineering, Shamshabad, Hyderabad, Telengana, 501218	Telengana	1791937	534847	1257090

10.	IoT Based Landslide and Slope Monitoring system using TDR and Shape Accel Array for Mines	Dr. Guntha Karthik, Stanley College of Engineering and Technology for Women, Hyderabad, Telangana, 500001	Telangana	4763158	1919920	2843238
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