

## ***Anveshan International Student Research Convention***

A two-day International Student Research Convention: *Anveshan—2024* was organized by the Association of Indian Universities (AIU), New Delhi in collaboration with the University of Mumbai, Vidyanagari, Santacruz (E), Mumbai from March 11-12, 2024 at University of Mumbai, Mumbai. The event was inaugurated by Prof. Ravindra Kulkarni, Vice Chancellor, University of Mumbai, Mumbai, Maharashtra. Dr. Amarendra Pani, Joint Director and Director (I/c), Research Division, Association of Indian Universities, New Delhi, Consultant (Research), AIU, Dr. Usha Rai Negi, Former Assistant Director, Research Division, Association of Indian Universities, New Delhi, Dr. Sunil Patil, Organizing Secretary and Director, Students' Development, University of Mumbai and Dr. Minakshi Gurav, OSD, Aavishkar Research Convention, University of Mumbai were present for the inaugural ceremony. The programme began with the National Anthem, Maharashtra Rajya Geet and the University Song performed by the students of the University of Mumbai. The Welcome Speech was delivered by Dr. Sunil Patil, Organizing Secretary and Director, Department of Students' Development, University of Mumbai. The event was inaugurated by Prof. Ravindra Kulkarni, Vice Chancellor, University of Mumbai by lighting the lamp. Dr. Amarendra Pani gave the remarks on the introduction and objectives of International Student Research Convention.

The Vice Chancellor, Prof. Ravindra Kulkarni delivered the inaugural address and admired the Department of Students' Development for hosting the innovative event which is a step forward towards achieving one of the goals of the University of Mumbai. He also thanked the Association of Indian Universities for allowing hosting this first International level Convention. His speech also added the need for an interdisciplinary and applied approach to the research. The Vote of Thanks of the session was proposed by Dr. Minakshi Gurav, OSD, Aavishkar, University of Mumbai.

The Vice Chancellor, Prof. Ravindra Kulkarni chaired the Prize Distribution Ceremony. Dr. Amarendra Pani was the Chief Guest for the ceremony. Dr. Usha Rai Negi, Dr. Sunil Patil, and Dr. Minakshi Gurav were present for the occasion. The programme began with the National Anthem, Maharashtra Rajya Geet, and the University Song performed by students of the host University. The brief report of the convention was read by Organizing Secretary, Dr. Sunil Patil

which highlighted the proceedings and execution of the event. Dr. Amarendra Pani gave his remarks on the organization of the convention and the support from the participating universities. Prof. Ravindra Kulkarni gave his special remarks on the avenues of research and the need for its inculcation among the students and teachers fraternity. He also congratulated all the winners of the convention.

The Winners of the *Anveshan* were honored by the dignitaries by offering mementos and certificates. The prize distribution ceremony ended with a Vote of Thanks proposed by Dr. Bhushan Langi.

### Details of Winners

S. No.	Position	Area	Name of the University	Name of the Winner/s	Title of the Research Project
1	First	Agriculture	SRM Institute of Science and Technology (Deemed to be University), SRM Nagar, Kattankulathur, Dist.Kancheepuram, Tamil Nadu	Ms. Sreekanth Shivadarshini S. Mr. P. Venkataraman Mr. M. Abdul Rahim	Precision Smart Agricultural System
2	Second	Agriculture	University of Mumbai, Mumbai, Maharashtra	Mr. Yadav Om	SacoPeat TM: A Novel Potting Media
3	Third	Agriculture	Sharda University, Greater Noida, Uttar Pradesh	Ms. Chadha Muskan	Development of Synbiotic Drink and Spread using Kefir and Basil Seed Gum Extract
4	First	Basic Sciences	Savitribai Phule Pune University, Pune, Maharashtra	Ms. Puranik Avanti Ms. Nighot Shrawani Ms. Magdum Pradnya	Revigreen: An Auto-Compostable Sanitary Pad for Green Earth
5	Second	Basic Sciences	Shivaji University, Kolhapur, Maharashtra	Mr. Aadagale Surajeet	Synthesizing Bioplastic and Vegan Leather
6	Third	Basic Sciences	Jadavpur University, Kolkata, West Bengal	Mr. Mondal Indrajit Ms. Halder Piyali Ms. Bag Neelanjana	VARUN: A "Make in India" Module for Waste Water Remediation and Clean Energy Generation

7	First	Engineering and Technology	Jadavpur University, Kolkata, West Bengal	Ms. Saha Suman Ms.Lakshman Sumana Mr. Dutta Subhojit	Cost Effective, Flexible EMI Shielding Jacket for Preventing Adversative Effect of Microwave Radiation
8	Second	Engineering and Technology	Sharda University, Greater Noida, Uttar Pradesh	Mr. Mishra Rahul	Microbial-Powered Desalination System for Potable Water Production and Energy Harvesting
9	Third	Engineering and Technology	D.Y. Patil Education Society, Deemed to be University, Kolhapur, Maharashtra	Ms. Chaudhari Leena	Tissue Engineered Ear Pinna
10	First	Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.	University of Mumbai, Mumbai, Maharashtra	Mr. Mahale Manas	Masked Language Models are Fragment Based Drug Designers
11	Second	Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.	Savitribai Phule Pune University, Pune, Maharashtra	Ms. Shinde Anushka Ms. Lohakare Shreya Mr. Marathe Nikhil	SILOSTAT: An Innovative Lifesaving Hemostat for Emergency Situations
12	Third	Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.	SGT University, Gurugram, Haryana	Ms. Sharma Partishtha Ms. Arora Angel Ms. Rapriya Aditi	NASOCON- A Nose Shaping Device after Primary Cleft Lip Repair
13	First	Social Sciences, Humanities, Commerce and Law (Objective and Result Oriented Projects)	University of Mumbai, Mumbai, Maharashtra	Mr. Pandey Gaurav Ms. Jagatkar Rutuja Ms. Kumari Sneha Ms. Kewalramani Ginni	आँचलः A Reusable, Eco-friendly Sleeping Bag for Battling Neonatal Hypothermia in Rural Areas
14	Second	Social Sciences, Humanities, Commerce and Law (Objective and Result	Annamalai University, Chidambaram, Tamil Nadu	Ms. Madhurya Ms. Asna Mr. G. Koushik	The Asha: A Promising Application to Promote Mental Health Literacy and Resilience

		Oriented Projects)			among Adolescents to Prevent Suicides
15	Third	Social Sciences, Humanities, Commerce and Law (Objective and Result Oriented Projects)	Jadavpur University, Kolkata, West Bengal	Ms. Banerjee Anwesha Mr. Dana Atendriya	DASTAN: A New Chapter in Domestic Work
16	First	Interdisciplinary Research	Annamalai University, Chidambaram, Tamil Nadu	Mr. Kumaravel S. Ms. Sinthanaiselvi S.	Invigorating Eco-Empathy by Adopting the Synergy of Biofloc Technology through Multipurpose Portable “Jala Siri” Tanks and Developing Green Careers in Indian Terrain
17	Second	Interdisciplinary Research	Savitribai Phule Pune University, Pune, Maharashtra	Mr.Thombare Namdev	Agro Based Weeding Fertilizer and Seed Sowing Machine
18	Third	Interdisciplinary Research	Avinashilingam Institute for Home Science and Higher Education for Women (Deemed to be University) Coimbatore, Tamil Nadu	Ms. A. Pon Nivetha Ms. U. Kavisree	An Edible Biopolymer Composite Film for Enhanced Resistance to Post-Harvest Onion Wastage

### Winners of the Gold Medal

Area	Name of the University	Name of the Participant/s	Title of the Research Project
Social Sciences, Humanities, Commerce and Law (Objective and Result Oriented Projects)	University of Mumbai, Mumbai, Maharashtra	Mr. Pandey Gaurav Ms. Jagatkar Rutuja Ms. Kumari Sneha	ऑचल: A Reusable, Eco-friendly Sleeping Bag

		Ms. Kewalramani Ginni	for Battling Neonatal Hypothermia in Rural Areas
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