

5th Regional Science and Technology Congress 2022

Region-4 (Kolkata, Howrah, South 24 Parganas)

Organised by: Maulana Azad College, Kolkata

Jointly with

Department of Science and Technology & Biotechnology, Govt. of West Bengal

List of Final Selected Abstracts for Scientific Model Competition

Sl. No.	Discipline	Name of Lead Presenter	Names of other Team Members	Affiliation of Lead presenter	Email ID	Title of the Model	Model No.
1	Earth Science	Souvik Guha	Subhamoy Paul	Maulana Azad College	guhasouvik.2001@gmail.com	IoT based Weather and Air Quality monitoring station	MC-01
2	Engineering	Akash Gupta	Sruti Aich, Julia Das	Electronics and Instrumentation Engineering, Techno Main Salt Lake	ag308669@gmail.com	Smart Kitchen	MC-02
3	Engineering	Syed Mosharaf Hossain	Swastika Paul	MCKV Institute of Engineering, Howrah	syedmosharafhossain29@gmail.com	Arduino Based Smart Shoe System for Women Safety, Defense and Integrated Intelligent Tracking	MC-03
4	Engineering	Souvik Mondal	Tirtha Samanta	The Neotia University, Sarisha	aboutsouvik@gmail.com	Water Level Indicator using Transistor	MC-04
5	Engineering	Soumen Roy		Bagnan College, Howrah	soumen.roy_2007@yahoo.co.in	Simplest Way to Diagnose Neural Disorders at Home	MC-05
6	Engineering	Swarnali Chakraborty	Swastika Basak, Aadharsh Kumar Singh	THK Jain College	swarnalichakraborty2108@gmail.com	Gesture Control Robotic Car	MC-06
7	Engineering	Akash Sharma	Rahul Roy, Rajatabha Das	Tara Devi Harakh Chand Kankaria Jain College	akashsharma9804@gmail.com	WALL-E The Smart Robot	MC-07
8	Engineering	Pallavi Luharuka		Royal Bengal Greentech Private Limited	royalbengalgreentech2022@gmail.com	Low cost bioplastic at price comparable with petroplastic	MC-08
9	Environmental Science	Hritam Mitra		Sister Nibedita University	hritammitra@gmail.com	Sludge to Source of current: Microbial Fuel Cell	MC-09

10	Physics	Utkarsh Basu		Maulana Azad College	utkarshbasu1@gmail.com	A Novel Approach to the Study of Evolutionary Dynamics of Model Universes	MC-10
11	Physics	Quazi Zubeda Hasan	Moumita Das, Ananya Manna	Vivekanada College for Women, Barisha	physics.department.vcw@gmail.com	Quantifying motion detection using Arduino UNO Board & Passive Infrared Sensor	MC-11
12	Physics	Bipasa Hazra		Scottish Church College	21hazrabipasa@gmail.com	Password Based Secure Door Lock Using Arduino	MC-12
13	Physiology	Neelabh Datta		Asutosh College	neelabhdatta@gmail.com	Fluid Mosaic Model: The Biological Membrane Structure Concept and Function	MC-13
14	Physics	Kushal Das		RCC Institute of Information Technology	kushaldas149@gmail.com	MOBI COOLER	MC-14
15	Physics	Md Safiruddin		Maulana Azad College	safirmd234@gmail.com	Ultrasonic Distant Sensing Machine	MC-15
16	Medical Science	SAUMYAJIT DAS	Saumyajit Das, Kaustav Das, Abhijit Kumar Manna	MCKV Institute of Engineering, Howrah	kaustav.das625@gmail.com	Smart neonatal incubator with higher precision in temperature sensing	MC-16
17	Environmental Science	Saikat Kumar Basu		Bee Conservation Unit, The Science Association of Bengal, Kolkata	saikat.basu@alumni.uleth.ca	Implications and strategies of bee conservation	MC-17