

第 33 届全国青少年科技创新大赛 国际优秀项目获奖名单

序号	代表队	姓名	项目名称	奖项
1	Turkey	Mustafa Baha Kumdere	NOVEL BIOTECHNOLOGICAL APPROACH FOR RECOGNITION AND PURIFICATION OF ANTIBODY: LECTIN AFFINITY MEMBRANES	FIRST PRIZE
2	Kazakhstan	Lyubov Dudchenko	Oqupkor' device	FIRST PRIZE
3	UK	Emily Xu	Chiral separation of racemic mixtures using liquid phase separation techniques with homochiral metal organic frameworks	FIRST PRIZE
4	Germany	Adrien Chen-Wei Jathe	The Flash Shade – directional darkening technology	FIRST PRIZE
5	Germany	Max Philipp, Olexiy Davydov, Niklas Degel	Investigation of a correlation between ECG and non-heart diseases using AI	FIRST PRIZE
6	Austria	Christian Janssen, Florian Kristof, David Stadlmann, Christoph Amon	Smart Cup	FIRST PRIZE
7	Czech Republic	Tereza Smutná	Sub-chronic inhalation of lead oxide nanoparticles and its effect on target organs	FIRST PRIZE
8	Czech Republic	Natan Sidej	Synthesis of fibroblast activation protein inhibitors derived from 2-cyanopyrrolidine	FIRST PRIZE
9	Czech Republic	Jirí Doseděl	Role of protein WRNIP1 in maintenance of genome stability	FIRST PRIZE
10	Malaysia	CHOK YAN NIAN	SMART HYBRID 'COMBOO' USING CNT	FIRST PRIZE
11	Japan	MIKU MATSUSHITA, KEIGO FUJIWARA	Using a discrete wettability gradient to design a "space pipette"	FIRST PRIZE

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12	Luxembourg	Max Lohe Arendt	R.A.M. - A robot that could change the world	FIRST PRIZE
13	Myanmar	May Tharaphu Thein Win	Biodegradable plastic from shrimp shells	FIRST PRIZE
14	Turkey	Ada UNAL	OBTAINING OF COLLAGEN ADDITIVE NANOFIBER TO IMPROVE CARTILAGE TISSUE SCAFFOLD WITH ELECTROSPINNING METHOD	SECOND PRIZE
15	Tunisia	Ahmed Gharbi, Yessine Miled, Chaima Zakhama	The Braille shine, when blind people feel sentences	SECOND PRIZE
16	Tunisia	Hanine NAJJAR	News Feed Reader and SMS reader for people with visual impairment	SECOND PRIZE
17	Tunisia	Siwar AYED	Road Accident Notifier	SECOND PRIZE
18	Mexico	Montserrat Hermosillo Ort ́z, Karla Paola Flores Vazquez	Use of rhizofiltration for the elimination of endocrine disruptors in bodies of water	SECOND PRIZE
19	Portugal	Ant ́nio Jos ́ Oliveira Martins Silva Dias, Joao Francisco Duarte Azevedo	Qigong at school as a method of controlling anxiety in students	SECOND PRIZE
20	UK	Bethan Padbury	Generating Understanding	SECOND PRIZE
21	Czech Republic	Nat ́lie C ́sarov ́	Cytotoxic effects of silver wound dressings	SECOND PRIZE
22	USA	Sophia Zhou	Trash to Treasure: Converting Aluminum Cans into a Valuable Additive for Li-S Batteries with an Unprecedented Performance	SECOND PRIZE
23	Sweden	David Hambræus	A Verifiable Quantum Secret Sharing Protocol Without Quantum Memory	SECOND PRIZE
24	Sweden	Noa Vikman	Gold Nanoparticles: A Potential Colorimetric Sensor for Arsenic in Groundwater	SECOND PRIZE

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25	Malaysia	VIGNESWARAN SHANKAR	SMART PAPER FROM 'CORPEL' WASTE	SECOND PRIZE
26	Ecuador	ALEJANDRO QUIROZ, VALENTINA HERRERA, CARLOS TORRES, LUCIANO ASTUDILLO	AUDIOHAND	SECOND PRIZE
27	Belgium	Cyril Janosi	A miniature wind tunnel to study aerodynamics	SECOND PRIZE
28	Slovenia	Bor Kolar Bacnik	New Techniques of Sample Preparation and Stabilization of Paper with Pigment Verdigris (Preservation of Our Cultural Heritage)	SECOND PRIZE
29	Denmark	Mikael Lindmark Moesgaard	An Essay on Lyrics and Mathematics	SECOND PRIZE
30	Denmark	Bjarke Almer Frederiksen	Graphene-based nanofluid for liquid cooling applications	SECOND PRIZE
31	Indonesia	Alan Dharmasaputra	SUNIFISH CHEST	SECOND PRIZE
32	Lithuania	Rytis Skamarakas, Viktorija Juscenko	Greater Celandine Against Infections Caused by Microfungi	SECOND PRIZE
33	Norway	Vilde Roernes	To what Extent Does the Presence of Microbeads Impact the Population Growth of the Fresh-Water Algae, Chlamydomonas reinhardtii?	SECOND PRIZE
34	France	Laura MULLER, Léa CHRISTEN, Margot GEBEL	The science of biscuits dunking	SECOND PRIZE
35	Slovakia	Jakub Fecko, Sebastian Ivan	Switching with disconnecter in power station	SECOND PRIZE
36	Japan	MASANORI FURUMIYA	Orthocenter and Trochoid	SECOND PRIZE
37	Philippines	Jarred Sueno Luzada, Jude Steven Candelaria	REDetect: Automated Saltwater Quality Monitor for Harmful Algal Blooms (HABs) Detection	SECOND PRIZE

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38	Puerto Rico	Juan Diego Rodríguez Rivera, Ana Valeria Vázquez Navas	Photodegradation of Ciprofloxacin using Titanium Oxide Nanowires and Nanoparticles (P25)	SECOND PRIZE
39	Puerto Rico	Gabriela Sofía Meléndez Rivera	Comparing computer program models of serotonergic neurons under the effects of the MDMA drug and post a CCI during regeneration in the neocortex	SECOND PRIZE
40	Italy	Matteo Tavelli, Arianna Dalfrà, Alessio Piva	SweetPaper: biodegradable polymers	SECOND PRIZE
41	Singapore	Joshua Koh Zhi Yuan, Enoch Kwok	Investigating the Effects of Plant Extracts on Alzheimer's Disease	SECOND PRIZE
42	Vietnam	Nguyen Dac An, Nguyen Minh Hang	Solution to air pollution in Hanoi	SECOND PRIZE
43	Turkey	BERKE CAN EREL	Investigation of Mobile Genetic Element Mediated Gene Transfers Among Proteobacteria Species Using klcA Antirestriction Gene	THIRD PRIZE
44	Tunisia	Kamel MAHROUK	Smart Solar Street Lightening	THIRD PRIZE
45	Tunisia	Ahmed Aziz BOUSSAID	Producing Electricity from the Desert's Heat	THIRD PRIZE
46	Mexico	Victor Aldair Quiroz Juarez, Jose Ramon Perez Diego, Juan Jose Garcia Colchado	EDULEPEC	THIRD PRIZE
47	Cambodia	Kim Leang Meas	Electric Bottle	THIRD PRIZE
48	Cambodia	Rithy Lim	Candle Charger	THIRD PRIZE
49	Zimbabwe	Ashley Lois Post	Pee Flow	THIRD PRIZE
50	Zimbabwe	Angela Stevenson, Tinaye Rinomhota	INVESTIGATION INTO AUTOMATED VEHICLES	THIRD PRIZE

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51	Zimbabwe	Tashinga Matemachani	Aquaponics - A lasting Solution to Hunger and Poverty in Africa	THIRD PRIZE
52	Nigeria	Kolawole Taiwo, Peter Oyedijo	TRIPowered GENERATOR	THIRD PRIZE
53	Nigeria	Paul Oyedijo, Abubakar Bello	NOISE HARVESTER	THIRD PRIZE
54	India	Siddharth Vernekar, Anurag Shetye	The Rescue Robot	THIRD PRIZE
55	India	Shriya Danekar, Divya Kadrekar	Vehicle pollution detection and control system	THIRD PRIZE
56	Brazil	Bruna Marschner	PROTECTOR AGAINST CNIDARIANS PRESENT ON THE SEA COASTS	THIRD PRIZE
57	USA	Berat Dogan, Emin Yilmaz	Composting	THIRD PRIZE
58	Malaysia	MADIHAH BINTI AHMAD ZAKI, NUR ZULFA ATIYA BINTI ZAFRI AZRAN	SMART FLOATING PHOTOVOLTAIC	THIRD PRIZE
59	Slovenia	Ana Babnik, Greta Junger	Influence of Steroidogenic factor 1 on mouse pituitary gonadotrope expression	THIRD PRIZE
60	Denmark	Mathilde Louise Bagger	Individualization of liquid biopsies	THIRD PRIZE
61	Indonesia	Alifah Syafaa Nabila, Kayla Shevadena	Piezoelectric Powered Speed Bump	THIRD PRIZE
62	Indonesia	Mohammad Dante Elputra, Daffa Azarya Rachmadi	THE UTILIZATION OF RAINFALL AS ELECTRICAL ALTERNATIVE ENERGY	THIRD PRIZE
63	Indonesia	Ni Made Galuh Cakrawati Dharma	Green Floor Board (Comparison Test Material Floor Board From Leaf Waste Ketapang (Terminalia cattappa), Rice Straw Waste (Oryza sativa) and Egg Skin Waste And Its Combination)	THIRD PRIZE
64	Indonesia	Ketut Utari Mustika Putri	Biocomposite Noise Absorbers from Fiber Bunches Empty Palm Oil (Elaeis) and Rice Husk Ash (Oryza sativa)	THIRD PRIZE

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65	Russia	Arina Kolmakova	Creating of "Ije Tyyn" Collection in Ethnical Fashion	THIRD PRIZE
66	Russia	Aleksei Gerasimov	BUILDING OF BICENTRAL FIVE ARGANS AND THEIR STEREOMETRIC ANALOGUES	THIRD PRIZE
67	Lithuania	Domantas Burba, Ugne Steponaviciute	Ionized Air for Stimulation or Inhibition of Plant Growth	THIRD PRIZE
68	Egypt	Alaa Abdelrahim, Islam Abdelrahim	Closed system hydraulic bulldozer	THIRD PRIZE
69	Egypt	Salma Ahmed	Cancer treatment by using immune therapy	THIRD PRIZE
70	Netherlands	Thomas Scheepstra, Wouter van der Ster	Magnetic Field Tester for New Compact Fusion Reactors	THIRD PRIZE
71	Colombia	Paulina López Rojas, Sara Garzón Patino	Floating environmental classroom with clean energies: Water mill in the Black River	THIRD PRIZE
72	Estonia	Joosep Kaimre	Developing and Characterising a Room Temperature Phosphorescence System	THIRD PRIZE
73	Norway	Philip Ullensvang Taylor	The Effect of the Mass of the Catalyst Sodium Hydroxide on the Yield of the Products in the Creation of Biodiesel from Sunflower Oil and Ethanol	THIRD PRIZE
74	ROK	Eunji Kim	Guess the Illuminant of the Moment: Illuminant Estimation Using Display	THIRD PRIZE
75	ROK	JINGWAN KU, HYOYOUNG JEONG	Installation of Natural Aquarium Using Principles of Pressure	THIRD PRIZE
76	Hungary	Tamás János Laufer	Saving lives with measuring physical balance real-time	THIRD PRIZE
77	Puerto Rico	Jorge Alejandro Ruiz Ruiz	Comparison Between the Efficiency of Bio-Diesels Obtained from Different Used and Unused Vegetable Oils Through Transesterification	THIRD PRIZE
78	Thailand	Chorlada Boonyanukoolkit, Nattida Rodcharoen	Extraction of Chitin and Chitosan from Shell for using in Agriculture	THIRD PRIZE

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79	Thailand	Chamil Chaikun, Woramed Wongsamran	Allelopathic effect of <i>Pluchea indica</i> (L.) on Physiological and biochemical changes in <i>Macroptilium lathyroides</i> (L.)	THIRD PRIZE
80	Nepal	Niraj Adhikari	PFRC: A Self-Defence System	THIRD PRIZE
81	Lao PDR	Keomexay Santi, Chaleunkit Thanasine, Vannavong Chansaveuy	Using Solar Energy	THIRD PRIZE
82	Lao PDR	Keoheuanghoung Fasay, Thoummavongsa Parlisa	Pyramids and Prism	THIRD PRIZE
83	Myanmar	Zin Nwe Htet	Smart Classroom	THIRD PRIZE
84	Myanmar	Mg Kaung Min Khant	Home Automation and Control System	THIRD PRIZE
85	Myanmar	Han Win Aung	Modern Agriculture	THIRD PRIZE