

DAFTAR JUARA LPB NASIONAL 2023

Berikut adalah nama penerima penghargaan pada LPB Nasional 2023 yang telah berlangsung pada 30 November 2023 di kampus Universitas Multimedia Nusantara Tangerang.

Kami mengucapkan selamat atas kerja keras Peneliti Belia sekalian dalam menyusun laporan riset, video presentasi, dan mempresentasikannya kembali kepada Dewan Juri. Segala upaya yang telah dilakukan ini semoga akan memberi manfaat dalam mengasah cara berpikir dengan metode ilmiah dan tentunya dalam mempersiapkan jenjang pendidikan yang lebih tinggi. Sampai jumpa lagi di LPB 2024 dengan karya yang lebih hebat lagi!

No	Bidang Penelitian	Kode Peserta	Judul Penelitian	Nama Lengkap Peneliti 1	Nama Lengkap Peneliti 2	Nama Sekolah	Hasil
1	Computer Sciences	NCS19	Spaced Learning	Delfino Jeconiah Djaja	Fhilip Yanus	SMA Bangun Insan Mandiri	Juara 1
2	Computer Sciences	NCS17	APETROL (ANDROID SMARTPHONE CHOLESTEROL DETECTOR APPLICATION) BASED ON IRIS IMAGE TECHNOLOGY	Naurette Tabina Hanief	Satya Rizky Pradipta	SMAN 3 Semarang	Juara 2
3	Computer Sciences	NCS09	Password Strength Measurement and Recommendation Based on User Input Using Entropy Method	Fransiska Nindita Iswari	Wilson Kenneth Jonathan	SMA Santa Angela Bandung	Juara 3
4	Computer Sciences	NCS02	Application of Artificial Intelligence in Skill Development: Personal Trainer for Workout	Angel Anlee		SMA Tarakanita 2	Juara Harapan 1
5	Computer Sciences	NCS11	Arduino-Based Pulse Oximeter Prototype with Keypad and LED Indicators to Monitor BPM and Oxygen Levels	Rosa Andini Ismayanti	Benediktus Kenneth Setiadi	SMA Santa Angela Bandung	Juara Harapan 2
6	Economics	NE30	Indonesians' Economic Resilience Before, During and After COVID-19 Pandemic	Dominique Samantha Suniadji	Gabriel James Saganski	SMA Bina Nusantara Bekasi	Juara 1
7	Economics	NE07	The Impact of Fine Motor Skills Training on Employment Opportunities for People with Down Syndrome in Bandung	Ursula Arlene Sarsono	Sherryn Marvella Fan	SMA Bintang Mulia	Juara 2

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8	Economics	NE12	Implementation of MRT in The City of Surabaya: Actualizing Future Mobility Solution	Stanley Cahyono	Rubby Anastasya Sanjaya	SMA Cita Hati Christian School East Campus	Juara 3
9	Economics	NE21	Comparison of Adolescent's Consumptive Behaviour Reviewed from the Level of Education, Gender and Their Determinants	Janitra Emmanuella Nastari	Eugenius Dominus Tecum Roso Mudayen	SMP Pangudi Luhur 1 Yogyakarta	Juara Harapan 1
10	Economics	NE34	Click to Cash: How Online Loans Are Changing the Purchasing Power of South Tangerang Citizens	Tung Tiago Masimo	Vincent Runtung	SMA Santa Laurensia Alam Sutera	Juara Harapan 2
11	Environmental Sciences	NES34	The Potential of Eco-Enzyme Dregs-Based Activated Sludge in Synthetic Dye Waste Treatment	Ruth Joelin Dharmadi	Jacqueline Liyanto Lie	SMA Santa Laurensia Alam Sutera	Juara 1
12	Environmental Sciences	NES25	"Hair Hypa" Hairy Fruit (Nephelium lappaceum) Hydrogel Patch to Overcome Ulcer (Reccurent Aphotous Stomatitis)	Ifan Ardiansah	Luthfiannisa Naylaa Dian Salsabila	SMA Unggulan CT ARSA Foundation Sukoharjo	Juara 2
13	Environmental Sciences	NES39	Single Chamber MFC for Electricity Generation using KOPTI Semanan Tofu Waste	Valentino Bobby Chen	Jason Conrad Tanely	SMA Narada	Juara 3
14	Environmental Sciences	NES03	Spent Coffee Grounds: From Waste to Solution-Activated Carbon to Overcome Lead Contamination in Water	Kaylee Ann Siswanto		SMP Cita Hati Christian School	Juara Harapan 1
15	Environmental Sciences	NES15	Utilization of Plastic Waste into Pressure Resistant Paving Blocks	Gabriella Isabelle Sulaiman	Vaneska Meira Putri	SMP Santa Laurensia	Juara Harapan 2
16	Geography	NG17	"GEO SMART ARCADE" Geography Learning Smart Book with Augmented Reality for Children's Mitigation Education	Moch Argan Ibrahim Movic	Prima Racga Sisilahi Akbar	SMPN 41 Surabaya	Juara 1
17	Geography	NG12	Quake-tector	Julius Iskandar	Samantha Odelia Saputera	Narada International School	Juara 2
18	Geography	NG16	The Development of Digital Comic Media as a Disaster Awareness Step for Surabaya Citizens	Anselia Trisha S.	Jessica Handoyo	SMA Kristen Petra 1	Juara 3

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19	Geography	NG08	Mapping Flood-Prone Areas with Google Earth Remote Sensing and QGIS For Flood Mitigation in Jembrana.	Indah Suci Rachmawati	Naila Salsabila	MAN 1 Jembrana	Juara Harapan 1
20	History	NH18	Existence and Discrimination of the First Chinese School in Magelang City: CHHH (1909-1966)	Izzauma Rona Marasalam	Aurelia Danurdara Eichensi Putri	SMA N 1 Magelang	Juara 1
21	History	NH20	The Existence of Menara Kudus Publisher as A Revitalization Agent of Traditional Islamic Studies in Indonesia (1952-2005)	Nur Zahrotun Jannah	Adiba Zannuba Khafshoh	MAN 1 Kudus	Juara 2
22	History	NH03	Rectifying the History: Building Awareness of The True Birthplace of the Indonesian Proclaimer	Elnathan Hamonangan Parasian Manalu		SMA Negeri 16 Surabaya	Juara 3
23	History	NH16	NAVY OCEAN MONUMENT: A Mute Witness to the Heroism of the Maritime Army in the City of Horses during the Revolutionary Period	Dwi Anggun Fitriawati	Siti Camelia Puspita Nurzaman	SMAN 1 Beber	Juara Harapan 1
24	History	NH13	Preservation of the Old City of Kampung Kemas, Gresik	Adelia Ayu Agustina	Nur Shabicha Fathmawaty	SMA MUHAMMADIYAH 10 GKB, Gresik	Juara Harapan 2
25	Life Sciences	NLS02	Testing the Efficiency of Various Types of Orange Peel (Citrus) in Reducing Cadmium (Cd) Levels in Rice in South Sumatra	Inez Shafa Damhudi		SMAN 1 Palembang	Juara 1
26	Life Sciences	NLS38	Study of Bioactive Compounds from Baduy Tribe Ethnomedicine as A Drug Candidate for Nasopharyngeal Cancer through an In Silico Approach	Renault Tjandera	Austin Thanur	SMP Santa Laurensia	Juara 2
27	Life Sciences	NLS46	Low-Cost Organic Plastic: Environmentally Friendly Cyclea Barbata	Ayesha Ramadani Nugroho		SMA Negeri 5 Yogyakarta	Juara 3

No	Bidang Penelitian	Kode Peserta	Judul Penelitian	Nama Lengkap Peneliti 1	Nama Lengkap Peneliti 2	Nama Sekolah	Hasil
28	Life Sciences	NLS40	Optimizing the Effectiveness of SC-2 Liquid as an Analgesic in First Aid	Rafida Gaitha Widyasari Putri	Ilham Adinata Djatmika	SMA Negeri 2 Semarang	Juara Harapan 1
29	Life Sciences	NLS42	Utilization Of Banana Peel Flour to Lower Body Weight, Blood Glucose Levels, and Microscopically Damaged Pancreas in Streptozotocin-Induced Diabetic Mouse Models	Kevan Vallerio Anwar	Brian Alvarico Anwar	SMA Negeri 3 Semarang/ SMP Negeri 2 Semarang	Juara Harapan 2
30	Mathematics	NM01	Polynomial Approximations for the Arc Length of Parabola in Projectile Trajectories and Suspension Bridges	Collin Mykelti Wilson		SMA Santa Angela Bandung	Juara 1
31	Mathematics	NM13	Integration of Geogebra Application and Woven Sarong of Typical Loloan for Ethnomathematics-based Geometry Transformation Learning	Mohammad Fikri Al Dzaki Arifbillah	Ahmad YUsril Huda	MAN 1 Jembrana	Juara 2
32	Mathematics	NM12	Development Of Color Code Based Cryptography ARBIMON	i gede arya nata	johannes baptista bintang parulian indratmoko	SMA Kolese Loyola	Juara 3
33	Mathematics	NM06	VORONOI DIAGRAM IN THE ANALYSIS OF WASTE DISPOSAL LOCATIONS IN EAST SURABAYA	Jeanetta Yonatan Kandani	Giovanni Cheryl Leang	SMA Cita Hati East	Juara Harapan 1
34	Physics	NP08	Stability of Box in a Bag	Katharine Lauren Tie	Vanessa Natalie Karlina	SMA Santo Aloysius 2 Bandung	Juara 1
35	Physics	NP10	Mbatik Pen	Grace Lionny Santoso	Joya Samatha Tan	SMA Budi Utama	Juara 2
36	Physics	NP03	Slendro Frequency Modulator System on the Sustainability of Green Algae as Food Source for Marine Ecosystem	Rivera Josephine Wijaya		SMA Stella Duce 1 Yogyakarta	Juara 3
37	Physics	NP02	Application of Static Electric Fields in Atmospheric Water Generator Machines to	Muhammad Hanif		SMA Bina Insan Mandiri Nganjuk	Juara Harapan 1

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			increase the efficiency of producing pure water from free air				
38	Physics	NP14	GATOR: Garbage-Powered Generator, Waste Power Plant by Utilizing the Seebeck Effect	Aloysius Paul Widjaja	Demetrius Bendito Onggo	SMA Tarakanita Gading Serpong	Juara Harapan 2
39	Psychology	NPS10	the secret power of peppermint: peppermint candy as a solution to increase the concentration of students after the covid-19 pandemic	Christiana Alexis Gani	Neena Visakha Guntoro	SMP Cita Hati Christian School	Juara 1
40	Psychology	NPS04	Exploring the Correlation Between the Consumption of "Relationship/Couple Goals" Content on TikTok and the Happiness of Single Adolescents Aged 13–18 Years Old in the Greater Jakarta Area	Joanna Natasha Marjono		SMA Sekolah Pelita Harapan Sentul City	Juara 2
41	Psychology	NPS20	MINDSITE: Transformation of Mental Health Literacy on Adolescents by Using Web-Based Therapy	Starleen Julivyanti	Alan De Mello Wahyudi	SMAK 1 BPK PENABUR Bandung	Juara 3
42	Psychology	NPS18	Coffee Nap Effect On Student Performance In Learning Activities At Islamic State High School Insan Cendekia Pekalongan	muhammad raihan fahrezi	muhammad ayyas sukindi	MAN Insan Cendekia Pekalongan	Juara Harapan 1
43	Psychology	NPS27	"The Uses of The Pygmalion Effect by Reward Method to Escalate The Student's Achievement on SMA Unggul Del"	Luweis Henock Cristiansyah Siahaan	Samuel Partogi Simanjuntak	SMA Unggul Del	Juara Harapan 2
44	Sociology	NSO14	Beauty Privilege: Its Impact on Adolescents' Social Lives	Salvea Flaminia Wijaya	Trecilia Evengelin Joe	SMA Santa Laurensia Suvana Sutera	Juara 1
45	Sociology	NSO17	The Ethics and Conflict within the Usage of Artificial Intelligence in Creating Artworks Inside the Bounds of Visual Art and Its Industry	Auliya Puteri Magdalena Iskandar	Maria Ratna Citrya Devika Komala	SMA Santo Aloysius 1, Bandung	Juara 2

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46	Sociology	NSO33	The Relationship Between Love Language Similarities and Friendship Interpersonal Relationships	Nurhafiyya AlMukminah	Andini Diah Pitaloka	SMAN 1 Palembang	Juara 3
47	Sociology	NSO04	Embracing Hope on Merapi's Slopes: An In-depth Analysis of Structural Poverty Among Farmers in Samiran Village, Selo District, Boyolali Regency	Muhammad Fatih Putra Nugraha		SMA Pradita Dirgantara	Juara Harapan 1
48	Sociology	NSO22	FoMO Syndrome as A Measure Of Self-Satisfaction Reviewed Through Subjective-Well Being Theory At Taranita Gading Serpong Senior High School	Cecilia Elizabeth Longdong	Clara Citra Calista Juventia	SMA Taranita Gading Serpong	Juara Harapan 2