



Gold Award Winners (Junior)

NO.	ORGANIZATION	INNOVATION TITLE	CATEGORY
1	SRI BESTARI PRIVATE SCHOOL (SECONDARY)	THE BIONIC FLOWER GARDEN	EDUCATION TECHNOLOGY & PEDAGOGY
2.	SRI BESTARI PRIVATE SCHOOL (PRIMARY)	AGV ROBOTIC ARM	INDUSTRIAL AND PRODUCT DESIGN, WEB INTERFACE DESIGN & PRINTING TECHNOLOGY
3.	SJKC YUK CHAI	MOBILE PLANTING SYSTEM (MPS)	ENERGY & GREEN TECHNOLOGY
4.	SMK DAMANSARA JAYA	AI TRASHZILLA	PROTECTION OF THE ENVIRONMENT WATER, WASTEWATER, SANITATION
5.	SMA STELLA GRACIA SCHOOL MAKASSAR AND SECONDARY BPK PENABUR TANJUNG DUREN	ECO-BRICK: EICHHORNIA-DRIED COMPOSITE BRICK AS POTENTIAL BRICK MATERIAL	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS (HEAVY EQUIPMENT, INDUSTRIAL MACHINERY)
6.	SMA STELLA GRACIA SCHOOL MAKASSAR	AC-WAIS: AIR CONDENSATE WATER - AUTOMATED INTEGRATION SYSTEM FOR EFFICIENT DOMESTIC WATER MANAGEMENT	ICT
7.	AXOTRANTHUS NEXUS / SMA NEGERI 3 SAMARINDA, SMA IT GRANADA SAMARINDA.	THE EFFECT OF BANGUNBANGUN (PLECTRANTHUS AMBOINICUS L.SPENG) LEAF ETHANOL EXTRACT ON HISTOPATHOLOGICAL DESCRIPTION OF SKIN CANCER IN WHITE RAT (RATTUS NOVERGICUS) INDICUED 7,12 DIMETHYL BENZ(A) ANTRASENT (DMBA).	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
8.	SMPN 3 DENPASAR	GALLUCRA: SNACKS IN THE FORM OF COOKIES THAT CONTAINS IRON AND PROTEIN BY UTILIZING CHICKEN LIVER AND PUMPKIN SEEDS TO PREVENT ANEMIA	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
9.	MAN 1 MANDAILING NATAL	GLOW BALM: LIPBALM FROM ORANGE PEEL EKSTRAK	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES



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10.	SMA NEGERI 5 SURABAYA	NALATOS : NANOENCAPSULATION FROM CUTTLEFISH BONE (SEPHIA SP) AS CALSIUM SUPPLEMENT TO PREVENT STUNTING	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
11.	SMA NEGERI 4 SURAKARTA, SMK NEGERI 5 SURAKARTA, SMA NEGERI 2 SURAKARTA, SMA NEGERI 1 SURAKARTA, SMA NEGERI 5 SURAKARTA	SMARTELY : A SMARTWATCH WITH SMART MONITORING AND LOCAL WISDOM-BASED HEALTH RECOMMENDATIONS FOR ELDERLY	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
12.	SMA SWASTA SHAFIYYATUL AMALIYYAH	DERMACADO	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
13.	SMAN 5 SURABAYA	REVIVEA: ORGANIC WASTE BASED FACIAL FOAM PRIMARILY PISTACHIO SHELL WITH FRUIT PEELS ESSENTIAL OIL	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
14.	SMPN 1 SURABAYA, SMPN 19 SURABAYA, SMPN 6 SURABAYA, SMPIT BINA INSANI KOTA KEDIRI,	AKSARA GLOVES: ENHANCING LANGUAGE ACCESS AND EMPOWERING SPEECH-IMPAIRED INDIVIDUALS IN DISABILITY RIGHTS ADVOCACY	SOCIAL INNOVATIONS & ENTREPRENEUR MANAGEMENT
15.	SMAN 5 SURABAYA	BRAILLE MATE: INTERACTIVE TACTILE AND AUDIO-BASED LEARNING DEVICE FOR ENHANCING BRAILLE LITERACY IN VISUALLY IMPAIRED CHILDREN	EDUCATION TECHNOLOGY & PEDAGOGY
16.	SMA NEGERI 1 DENPASAR, SMP NEGERI 1 DENPASAR, SMP NEGERI 3 DENPASAR	MOODGLY : COOKIES MADE FROM EXTRACT BUTTERFLY PEA AND STEVIA LEAVES WITH BANANA PEEL FLOUR AS HEALTHY SNACK FOR PRA-DIABETES MELLITUS SURVIVOR	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS (HEAVY EQUIPMENT, INDUSTRIAL MACHINERY)



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17.	SMAN 5 SURABAYA	F-MIRACLE: FORTIFICATION OF MORINGA OLEIFERA AND CLITORIA TERNATEA AS A FUNCTIONAL CEREAL INNOVATION FOR SUSTAINABLE HEALTHCARE SOLUTIONS TO ADDRESS ADOLESCENT ANEMIA	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
18.	SMK TAMAN MEDAN	ROSELLE ICE CREAM	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
19.	SEKOLAH MENENGAH KEBANGSAAN SUNGAI PUSU	SKIN NATUREL SPRAY USING SUSTAINABLE PLANT WASTE: EFFECTIVE CARE FOR PETS	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
20.	SMK ALAM MEGAH	SWEERIZER	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
21.	SMK SERI GADING	INNOVATIVE PINEPLATE	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
22.	SMK SEKSYEN 4 BANDAR KINRARA	SENZE CANDLES	SOCIAL INNOVATIONS & ENTREPRENEUR MANAGEMENT
23.	PSMART UITMCP-ICU JPM-JPNPP	DYE-SENSITIZED SOLAR CELLS FROM NATURAL SOURCES	ADVANCED MATERIALS
24.	PSMART UITMCP-ICU JPM-JPNPP	CARISSE	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
25.	PSMART UITMCP-ICU JPM-JPNPP	SELAMAT STEP	INDUSTRIAL AND PRODUCT DESIGN, WEB INTERFACE DESIGN & PRINTING TECHNOLOGY



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26.	PSMART UITMCPP- ICU JPM-JPNPP	HYDRIBOX	PROTECTION OF THE ENVIRONMENT WATER, WASTEWATER, SANITATION
27.	PSMART UITMCPP- ICU JPM-JPNPP	BIO INNOVATIVE SAPONIN ARGENTUM NANO-PARTICLES (BISAP)	PROTECTION OF THE ENVIRONMENT WATER, WASTEWATER, SANITATION
28.	PSMART UITMCPP- ICU JPM-JPNPP	SMART HYDROGEN MONITOR	ENERGY & GREEN TECHNOLOGY
29.	SMK BANTING	GREEN POT	ENERGY & GREEN TECHNOLOGY
30.	ISLAMIC REPUBLIC OF IRAN	SMART INDUSTRIAL WRISTBAND (SAFETY AND HEALTH)	SAFETY & SECURITY
31.	IDRISSI INTERNATIONAL SCHOOL	SAFE N SNUG - BABY CAR SEAT	SAFETY & SECURITY