

KUMARI ARIVIAL PERAVAI
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YOUNG SCIENTISTS PROGRAMME 2021-2022
SUSTAINABLE LIFE
Young Scientist Selection List 2021-2022



Released by **Dr.T.James Wilson**, *Chairman, Sigma College of Architecture, Moododu*
Received by **Mullanchery M Velaian**, *Organizer Kumari Arivial Peravai*
On 24-10-2021

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YOUNG SCIENTISTS PROGRAMME 2021-2022

SUSTAINABLE LIFE

RESEARCH TOPIC - **ECOLOGICAL SUSTAINABILITY**

**A-GREEN TEAM
ONLINE**

1. Concept of ecology
2. Concept of the ecosystem
3. Structural and functional aspects of ecosystem
4. Productivity concept of ecosystem
5. Food chains and food webs in ecosystems
6. Interactions among the species and their effects
7. Sustainable management of forest ecosystem
8. Sustainable management of Marine ecosystem
9. Eco friendly food habits
10. Sustainable management of Urban ecosystem
11. Ecosystem restoration & Solutions to contain eco system damage
12. Study on ecosystem of Kanyakumari district

A B KARUNYA (L)	BETHANY NAVAJEEVAN SENIOR SECONDARY SCHOOL, VENCODE	8220391535
SREE LEKSHMI C	ARUNODAYA VIDYALAYA MATRIC HSS MANJALUMOODU	9487896019
ATHULYA S NAIR	NVKS VODYALAYA, NEAR SASTHA TEMPLE, VETTUVENNI MARTHANDAM	9597162116
DHIYA PRASAD	EXCEL CENTRAL SCHOOL, THIRUVATTAR	9442366486
RAHINIKA R A	SRI VIGNESWARA MATRIC HSS, VILATHURAI, KAPPUKADU	9842871485
T.A. NANTHINI	SREE VIVEKANANDA MATRIC. HR.SEC. SCHOOL. KOTTUMANGALAM	8489070318
SAABRIN SUDHIN	S.R.K.B.V Mat HSS, PADANILAM, KULASEKHARAM	8760950550
U VARSHA	HINDU VIDYALAYA MATRIC HSS KAPPIYARAI, KARUNGAL	9489190137
K S HAREESH	ST MARY GORETTY H S S MANALIKARAI	8903576042
D ABINISHA	NAM MATRIC HSS, NELVELI	8072906429

Team Coordinator : Thiru.M.John Rabikumar 9489826220, ISRO Rtd Propulsion Complex, Mahendragiri.
General Consultants : Tmt.R.R.Rekha 9487002300 AHM Govt. High School
: Thiru.P.Gopalan 9442301587 Administrator, Excel Group of schools
: Dr.T.James Wilson 9750976611 Chairman, Sigma College of Architecture, Moododu.
: Er.Lebonah, Scientist IPRC Mahendragiri
: Dr.A.D Sobanaraj 9487318481 Environmental Scientist.
: Thiru.D.Samraj AEEO Rtd 9443608215
: Agri.Kavigeedha D.V 9489764075
: Dr.T.Sakthikumar 7418991292 Asst.Prof ., Govt.Ayurveda Medical College,Nagercoil
: Dr.S.Pandian, Distinguished Scientist, Former Director SHAR

Scientist : Er V.T.Puthiavan 9443173721, Deputy Project Director Rtd, ISRO Propulsion Complex, Mahendragiri

We are happy to inform you that the above students are selected for the Young Scientists Programme 2021-2022

Thank you

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SUSTAINABLE LIFE

RESEARCH TOPIC- **WATER SUSTAINABILITY**

B-RED TEAM
ONLINE

1. Science of water, Water cycle & Sources of water
2. Sustainable management of watersheds
3. Sustainable management of water bodies
4. Water conservation
5. Water distribution
6. Water harvesting
7. Water security
8. Water sustainability for future needs
9. Clean water for all
10. India's water needs and supply a study
11. Study on water bodies of Kanyakumari district
12. Study on water pollution in Kanyakumari district river

DHARSHA S K (L)	SRI VIGNESWARA MATRIC HSS, VILATHURAI, KAPPUKADU	9578560857
R S RAKSHINI SRUTHI	HINDU VIDYALAYA MATRIC HSS KAPPIYARAI, KARUNGAL	9488689980
VISHWAJITH R	S.R.K.B.V Mat HSS, PADANILAM, KULASEKHARAM	9922051345
LAKSHITA M	SAN ACADEMY, NO 1A, 200FEET RADIAL ROAD, NARAYANAPURAM, PALLIKARANAI, CHENNAI 600101	9443613976
RIYA FAIRLEY J M	SMR NATIONAL CBSE SCHOOL, LOTUS PARK, KULASEKHARAM	8098815819
R GURU MOORTHY	GOVERNMENT HIGH SCHOOL, PARVATHIPURAM	9843826277
SARANG KRISHNAN NAMBOOTHIRI T R	SMR NATIONAL SCHOOL, LOTUS PARK, CHERUPPALOOR, KULASEKHARAM	7639530135
MOHAMED YAFIS P	ST JOSEPH'S MATRIC HSS, MULAGUMOODU	9445774597
ANI SANTRA CB	VICTORY MATRICULATION HSS MYLODE, ALENCODE	9750482808
AVANTHIKA R S	PPM HSS ANDUCODE	9487310524
M S MITRA	NAM MATRIC HSS, NELVELI	8220819157

Team Coordinator : Tmt.Shini Angel Teacher 8903938684

General Consultant : Thiru.Satheesh Kumar 9487015899 Principal, NM Vidya Kendra Senior Secondary, Chitharal

: Thiru.G.Bergin 9443582772 P.G.Asst.Govt.H.S.S.Sayalkudi

: Capt.P.Bennet Singh 9442270512 Pilot, Tuticorin port

: Selvi.Dani Rovas 7598855750

: Dr. J.Clarence Davy 9489284953 Principal, Ayurveda College Nagercoil

: Dr.A.Jayalal 9443160026 Professor and Head, Govt. Medical College, Tirunelveli

: Dr.P.Samraj 9442964033 Agricultural scientist

: Thiru. Nellai Su.Muthu Rtd. Scientist VSSC/ ISRO, Thiruvananthapuram

Scientist : Er.L.Muthu 09495628881, Dy.Director ISRO Valiyamala Rtd

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C-MAROON TEAM
ONLINE

RESEARCH TOPIC- **ENERGY SUSTAINABILITY**

1. Fossil Fuels and its sustainability
2. Conventional energy systems/impact on climate
3. Renewable energy
4. Alternative energy sources for sustainable future
5. Cost compatibility of alternate energy
6. Energy Storage systems
7. Smart grid and distribution
8. Sustainability and Energy Use
9. Energy Conversion Technologies and status
10. Energy Efficiency in Buildings
11. India's energy production , distribution a study & targets for achieving India's energy needs for future
12. Nuclear Energy - is it a green energy?

LEON J SHAHJAN (L)	SRK INTERNATIONAL SCHOOL, KOODATHOOKY, KULASEKHARAM	9442076643
A V AUSLIN LISHAMA	ST MICHAELS MATRIC HSS, KATTATHURAI, MARUTHOORKURICHI	9786547640
P S EDEN SAM	GOOD SHEPHERD MATRIC HSS, THERIVILAI, SANTHAYADI	8870860900
LINTA EVANGELIN SURESH	S.R.K.B.V MAT HSS, PODANILAM, KULASEKHARAM	9361795485
M H AKSHAYA	HOLY ANGELS MATRIC HSS CHENTHARAI KEEZHKULAM	7598079723
A S AKSHAYA	HINDU VIDYALAYA MATRIC HSS KAPPIYARAI, KARUNGAL	9487172241
M V HARSHITHA	NAM MATRIC HSS, NELVELI	7708085196
R ARCHANA	SMT R P RAJALAKSHMI HINDU VIDYALAYA MATRIC HSS KOLLENVILAI, THUCKALAY	9500283652
R P KARTHICK NATH	SMT R P RAJALAKSHMI HINDU VIDYALAYA MATRIC HSS KOLLENVILAI, THUCKALAY	8056422871
SHANI S V	SREE KRISHNA HINDU VIDYALAYA MATRIC HSS KANCHINAGAR, KAPPUKADU	9487386607
CHRISWIN ROSHAN C J	ST JOSEPH'S MATRIC HSS, MULAGUMOODU	9789313595

Team Coordinator : Thiru.B.Sunil Kumar, General Manager, Cryptox Bio Solutions, 9442382100
General Consultants : Tmt.S.Deepa, Teacher 9489285540
: Dr.Y.Arul prakash 9443450618 Medical Superintend, Govt Medical College, Nagercoil
: Thiru.P.K.Raghul, 8248649294
: Dr.Annie Freeda PG Asst SLB HSS, Nagercoil
: Dr.R.Satish kumar 9487274437 Headmaster, PPM H.S.S., Aunducode
: Thiru.J.Joe Prakash 9443323648 Coordinator, National Green Crops
: Er.V.V.Vinoth 9488271175 President, Mullanchery V.Muthaian Educational Trust
: Thiru.Mangavilai D.Rajendran, 94422 51344 Former Program Executive AIR, Nagercoil
: Dr.N.Sivasubramanian 9442134624, Chief General Manager Rtd., ISRO Valiamala

Scientist : Er.S.Ingersol 9442366461 Group Director Rtd, LPSC/ISRO Bangaluru

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RESEARCH TOPIC- **LIVELIHOOD SUSTAINABILITY**

D-BLUE TEAM
ONLINE

1. Eco friendly farming
2. Eco friendly Infrastructure
3. Eco friendly Industries
4. Green Product development
5. Eco friendly Packaging, logistics and transportation
6. Eco Tourism
7. Control of plastic menace
8. Environmental issues & solutions
9. Progress towards Sustainable living & Preserving resources for future generations
10. India's eco-friendly initiatives
11. Legal approach towards Sustainable living
12. Eco friendly development model for Kanyakumari

LAKSHITA S (L)	SAN ACADEMY, NO 1A, 200FEET RADIAL ROAD, NARAYANAPURAM, PALLIKARANAI, CHENNAI 600103	9282233445
E MAGADHALINE JANE	GOOD SHEPHERD MATRIC HSS, THERIVILAI, SANTHAYADI	9597811834
JEFLIN BERTINA A N	BETHANY NAVAJEEVAN MATRIC HSS, BETHANY NAGAR, VENCODE7	7598723436
AKSHAYA PRIYA K P	SREE KRISHNA HINDU VIDYALAYA MATRIC HSS KANCHINAGAR,	6380766950
A.A.GANESH	SREE VIVEKANANDA MATRIC. HR.SEC. SCHOOL. KOTTUMANGALAM	9566745478
JONA BENITLIN J S	RPA CENTRAL SCHOOL, R P NAGAR, MAMOOTTUKADAI, VIRICODE	8248600849
K A SANJIT	N M VIDYA KENDRA SENIOR SECONDARY SCHOOL, CHITHARAL	9025156898
M J HRISHIKESH	NVKS VODYALAYA, NEAR SASTHA TEMPLE, VETTUVENNI MARTHANDAM	7904033082
V PRANAV DHARSHAN	HINDU VIDYALAYA MATRIC HSS KAPPIYARAI, KARUNGAL	9677840801
VIDHUSHI V	SREE KRISHNA HINDU VIDYALAYA MATRIC HSS KANCHINAGAR, KAPPUKADU	7339454893
S R VARSHAN PRAKAASH	SMT R P RAJALAKSHMI HINDU VIDYALAYA MATRIC HSS KOLLENVILAI, THUCKALAY	9787769835

Team Coordinator : Dr.Dhanya R.P 9443607493 Asst.Prof.N.I Arts and Science College Kumarakovil
General Consultants : Thiru..L.Edwin Sam 9443486850 Social Scientist
: Thiru.V.Sundararaju IFS 9443170366 Dist. Forest Officer Rtd
: Tmt. Malarvizhi P.G. Teacher Govt. HSS.
: Selvi. Gby Atee 9488469167
: Dr.N.Azhagesan,9443580401 Principal DMI College of Engineering, Chennai
: Thiru.C.Sajeev 9443607744 Human Resource Motivator.
: Er. V. V. Vikram 9976688272, Schneider Electric India Private Limited, Coimbatore
: Dr.J.Sriram 9486811230 Government Siddha Medical College, Tirunelveli
: Padmasree Er.V.Gnana Gandhi Sr.Vice president Skyroot Aerospace

Scientist : Er.P.Palvannan 9489208941 Dy.General Manager Rtd, ISRO Propulsion complex

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RESEARCH TOPIC -- **CLIMATE SUSTAINABILITY**

**E-YELLOW TEAM
ONLINE**

1. Basic concepts of climatic science
2. Climate change, Greenhouse effect and global warming
3. Carbon Sequestration
4. Health challenges due to climate change
5. Economic impact due to climate change
6. Disaster Management
7. Actions for control of climate change & Zero carbon emissions
8. Negative emission programs
9. Advance tools for ecosystem analysis – Remote sensing (RS) and Geographic Information Systems
10. International conventions and global initiatives
11. India's Sustainable development initiatives
12. Study on sea level raise of Kanyakumari coastal

R P ATHIRA (L)	HINDU VIDYALAYA MATRIC HSS KAPPIYARAI, KARUNGAL	9489508685
G V EVINSHA	ADLINE MATRIC HSS KUZHUMAIKADU	9942668796
BARATH CHANDRAN R V	SRI VIGNESWARA MATRIC HSS, VILATHURAI, KAPPUKADU	9385625040
K S NANDHINI	NAM MATRIC HSS, NELVELI	9361632943
SUKI ANIRUTHAN	AMRITA VIDYALAYAM, KANYAKUMARI	8072548662
AKSHAYA K V	PPM HSS ANDUCODE	9698717149
AMERTHIA R B	ARUNODAYA VIDYALAYA MATRIC HSS MANJALUMOODU	9489796789
SHERBIHA S	APJM MATRIC HSS SOOSAIPURAM	7598148714
ALONA JOHN	BEST SENIOR SECONDARY SCHOOL, PALLOR	9489560113
S L ABIMANYU	NAM MATRIC HSS, NELVELI	7598026432
NEESHMA LATHI T L	BETHANY NAVAJEEVAN MATRIC HSS, BETHANY NAGAR, VENCODE	7708391289

Team Coordinator : Thiru.P.Balakrishnan 9443740436 Head Master Rtd
General Consultants : Dr.A.Helen Sonia, 8903434129 Vice Principal SA Raja Pharmacy college, Vadakkankulam
: Thiru.S.Johnson 9442052155 Correspondent, RC Schools
: Dr.Sugin Herbert 9443462137 Medical officer, Govt. Hospital ,Thuckalay
: Tmt.Pabitha 8973816080 Teacher
: Dr.T. Prabhu 9941765042 Asst Professor TNAU, Pechiparai
: Thiru.S.Thiruvengadam 9442574353 Dist.Employment officer Rtd.
: Er.S.Rajeshwari 9843757257 Manager,ISRO Propulsion Complex, Mahendragiri.
: Dr.K.Vijayakumar 9443161102, Past National President, Indian Medical Association.
: Er.D.Karthikesan, Outstanding scientist, Former Director,IPRC/ISRO Mahendragiri

Scientist : Er. T.Perumal 9444529852 Deputy Project Director, IPRC/ISRO Mahendragiri

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