

KUMARI ARIVIAL PERAVAI  
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YOUNG SCIENTISTS PROGRAMME  
CONSUME WITH CARE

Young Scientist Selection List 2015-16



*Released by*

**Dr.T.James Wilson**, Chairman, Sigma College of Architecture, Moododu

*Received by*

**Mullanchery M Velaian**, Organizer Kumari Arivial Peravai

*In presence of*

**Shri.P.Balakrishnan**, Coordinator, Evans Matric. School, Nagercoil

**Shri.P.Gopalan**, Administrator, Excel Group of schools

**Shri.L.Edwin Sam**, Social Scientist

**Shri.C.ShibinTad**, Asst.Professor N.I.University

**Shri.C.Sajeev**, Associate professor, PSN College of Engineering

**Smt.R.R.Rekha**, AHM Govt .High School

**Capt.P.Bennet Singh**, Pilot, Tuticorin port

**Er.Stella John**, Director, Merjer Softech, Nagercoil

**Mrs.Babitha**, Teacher

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YOUNG SCIENTISTS PROGRAMME 2015-2016  
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**RED TEAM**

RESEARCH TOPIC- NATURAL RESOURCES

(Water, Land, Air & Bio resources)

1. Water resources- an overview.
2. Protection of water bodies- traditional ways.
3. Water crisis, scarcity & stress.
4. Water management
5. Types of land
6. Uses of land
7. Maintaining soil fertility- traditional methods.
8. Land degradation, contamination, conservation & preservation.
9. Air pollution – causes and effects
10. Prevention of air pollution
11. Natural air for a healthy living
12. Bio resources- Man's interdependence with bio resources
13. Loss of species- Human's role.
14. Failing monsoons- reasons and causes.
15. Conversion of Land & water bodies for other purposes - a case study
16. Abandoning/ destruction of water bodies in Kanyakumari District- a case study.

VISHNU SANKAR J R (LEADER)	M	EXCEL CENTRAL SCHOOL, THIRUVATTAR	9487385757
JASIM FARVIN FIZE MOHAMMED	M	NVKS HIGHER S.SCHOOL, ATTOOR	8110923700
R.R.SAJITHRA	F	SREE VIVEKANANDA. MAT. HR. SEC. SCHOOL, KOTTUMANGALAM	9943379434
M.AGNEL	F	ST. ANNE'S MAT. SCHOOL, COLACHEL	9442225149
HARI KRISHNAN	M	AMRITA VIDYALAYAM, KANYAKUMARI	9791364710
EDAL FEMI	F	ST. MARY GORETTY HR. SEC. SCHOOL, MANALIKARAI	9487370401
J.P.ATHIRA	F	SREE VIGNESHWARA MATRIC. HR.S. SCHOOL, KAPPUKADU	8300102065
N.G.NANDHINI	F	SREE KRISHNA HV MATRIC HIGHER SECONDARY SCHOOL,KANCHINAGAR	7598054665
ANU PRIYA R	F	ARUNODHAYA VIDYALAYA MATRIC. SCHOOL, MANJALUMOODU	9442722981
R.S.ASHWINI	F	N.A.M.ENGLISH SCHOOL, NELVELI	9487107889
PRINCY. A	F	CORPUS CHRISTI SCHOOL, ASARIPALLAM	9443320300
K.POOJA	F	Govt.Middle SCHOOL, PUTHOOR	9486067259

Team Coordinator : Mrs.Babitha 8973816080 Teacher

Team Supporter : J.M.Mereshiya 9894646076 Young Scientist

General Consultants :

Shri.M.John Rabikumar 9489826220, ISRO Propulsion Complex, Mahendragiri.

Dr.K.Vijayakumar 9443161102, Past National President, Indian Medical Association.

Shri.C.Sajeev 9443607744 Associate professor, PSN College of Engineering.

Dr.T.Sasikumar 9443220080 Principal, Lord Jaganath College of Engineering.

Er.S.Rajeshwari 9843757257 Dy.Manager,ISRO Propulsion Complex, Mahendragiri.

Er.S.Murugan, 9487174609, ISRO Propulsion Complex, Mahendragiri.

Shri.D.Samraj 9443608215 AEEO,Rtd

Shri.J.Joe Prakash 9443323648 Headmaster Rtd

Scientist :Er.P.Palvannan 9486134495 Dy.General Manager, ISRO Propulsion Complex.

We are happy to inform you that the above students are selected for the Young Scientists Programme 2015-2016

Thank you  
Mullanchery M.VELAIAN,  
Organizer Kumari Arivial Peravai  
Mulamkuzhi-629162, Phone 9942758333, 9489751175

Note:

1. First team meet for selected young scientists will be held on 1-11-2015(Sunday) at LMS Boys Hr.Sc.School, Marthandam between 2.00 P.M to 4.00 P.M.
2. Scientific Awareness Camp is scheduled on 14th to 15th November 2015

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**YELLOW TEAM**  
RESEARCH TOPIC- AGRICULTURE

1. History of Agriculture
2. Methods used in Traditional Ag. Practices
3. Agriculture in accordance with climate and soil conditions.
4. Agriculture Management
  - a. Soil management
  - b. Seed management
  - c. Weed Management
  - d. Pest and disease control
5. Ag. & Biodiversity (Role of Birds, Animals, Insects , air, water etc in Ag.)
6. Production and uses of organic fertilizers
7. Production and uses of organic pesticides.
8. Challenges in traditional Ag. Practices
9. Modern Agriculture & Green Revolution
10. Status of Farmers in India
11. Will Organic Ag. Caters to the need of the growing world population?
12. Shrinking of Ag. Land Area and Ag. Practices in Kanyakumari District- a field study.
13. Effects of Organic fertilizers & pesticides in Kanyakumari dist ( land & water bodies)-study

A.REZEENA (LEADER)	F	SREE VIVEKANANDA. MAT. HR. SEC. SCHOOL, KOTTUMANGALAM	9442304299
S. ABISHEK CHRISTUS	M	ST. MARY GORETTY HR. SEC. SCHOOL, MANALIKARAI	9444438978
V.BENSTON DANIEL	M	EXCEL CENTRAL SCHOOL, THIRUVATTAR	9442711071
R.L.ABIRAMI	F	SRI VIGNESWARA. MAT.HR.SEC.SCHOOL, KAPPUKADU	9486757771
JAYA MALATHY	F	AMRITA VIDYALAYAM, KANYAKUMARI	9791670322
J.AD HARSH ANTON	M	ST. JOSEPH'S. MAT. HR. SEC. SCHOOL, NAGERCOIL	9791285875
NAYANA.K.NAIR	F	NVKS HIGHER S.SCHOOL, ATTOOR	9487114289
G. A. SIMI PREETHI	F	S.R.K.B.V.M.H.S.SCHOOL, PADANILAM, KULASEKHARAM	9442706907
ANUSHA.K.S	F	EVANS MATRIC.HR.SEC.SCHOOL, NAGERCOIL	9788969489
M.A.JERALIN MINI MOL	F	HOLY ANGELS MAT. HR. SEC. SCHOOL, CHENTHARAI	9486325350
J M JINI	F	ST.ANTONY'S HIGH SCHOOL, SURLACODE	9444239144

Team Coordinator : Er.Stella John 9894646076 (Director, Merjer Softech,Nagercoil)  
Team supporter : Sreemeera 9150542233 (Young Scientists)  
S. DaniRovas 9486525550 (Young Scientist)

General Consultants:

Shri.G.Bergin 9443582772 (P.G.Asst.Govt.H.S.S.Sayalkudi)  
Dr. J.Clarence Davy 9489284953 (Principal, Ayurveda College Nagercoil)  
Dr.P.Thiraviam 9443693225 Medical officer ,IISER, Thiruvananthapuram.  
Capt.P.Bennet Singh 9442270512 Pilot, Tuticorin port  
Shri.V.Sundararaju IFS 9443170366 Dist. Forest Officer Rtd  
Shri.S.Thiruvengadam 9442574353 Dist. Employment officer Rtd  
Shri.S.Johnson 9442052155 (Administrative Officer, Vpro Technologies)

Scientist :Er. T.Perumal 9444529852 (Manager, IPRC/ISRO Mahendragiri)

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Mullanchery M.VELAIAN,  
Organizer Kumari Arivial Peravai  
Mulamkuzhi-629162, Phone 9942758333, 9489751175

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**MAROON TEAM**  
RESEARCH TOPIC- Food

1. Traditional Food Practices
2. Types of Food
3. Balanced diet and traditional food
4. Food security- Ancient system & modern methods
5. Food preservation – Traditional & modern methods
6. Food crisis and organic food
7. Elimination of Malnutrition using natural food.
8. Food production & consumption in India
9. Medicinal value of some common food items.
10. Packed food, a curse or cure?
11. Food waste
12. Food & health
13. Traditional food habits in Kanyakumari Dist-study
14. Medicinal plants available in Kanyakumari dist-Study.

DERISHA. J.R(LEADER)	F	EXCEL GLOBAL SCHOOL, THIRUVATTAR	9486194793
ARSHID. A	M	ST. MARY GORETTY HR. SEC. SCHOOL, MANALIKARAI	9487423719
BHARATH. S.K	M	ADARSH VIDYA KENDRA, NAGERCOIL	8760476887
SIDDARTH. K. S	M	EXCEL CENTRAL SCHOOL, THIRUVATTAR	9443451140
JELF. J. R	F	ST. ANNE'S MAT. SCHOOL, COLACHEL	9443002537
PADMAJA	F	AMRITA VIDHYALAYAM. KANYAKUMARI	9789511552
ASMITHA. R.V	F	HOLY ANGEL.MAT.HR.SEC.SCHOOL, CHENTHARAI	8903043106
JOTHIKA. M.S	F	HINDU VIDYALAYA MATRIC. H.S SCHOOL, KARUNGAL	9791955946
ANCHU. S.A	F	N.A.M.ENGLISH SCHOOL, NELVELI	9444637789
PAVITHRA. R.G	F	N.M.VIDYAKENDRA CBSE SCHOOL, CHITHARAL	9486007503
SHISMA SHEELU. S. S	F	ST.MARY'S HR.SEC.SCHOOL, KALIYAL	9488366817

Team Coordinator: Dr.Sudarkodi 9444854993 Associate Professor Govt.Ayurveda Medical College, Nagercoil

Team supporter : A.S.Lekshmi 9488277031(Young Scientist)

A.Kaviya shree 9715088886 (Young Scientist)

General Consultant:

Shri.L.Edwin Sam 9443486850 Social Scientist

Dr.Sugin Herbert 9443462137 Medical officer Govt. Hospital Thuckalay

Shri.T.M.Sahajan 8012090492, ISRO Propulsion Complex, Mahendragiri

Dr.R.Satish kumar 9487274437 Headmaster, PPM H.Sc., Aunducode

Dr.A.D Sobanaraj 9487318481 Environmental Scientist.

Er.K.Ramaseshan Chief General Manager Rtd, ISRO Propulsion Complex

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

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Organizer Kumari Arivial Peravai  
Mulamkuzhi-629162, Phone 9942758333, 9489751175

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**BLUE TEAM**  
RESEARCH TOPIC- ENERGY

1. Energy from oil, coal & gases
2. Clean Coal Energy, CO2 sequestration
3. Availability of oil and coal for the future
4. Bio fuels
5. Wind energy
6. Ocean Energy (Tidal, Wave & Ocean Thermal Energy)
7. Geo Thermal energy
8. Hydrogen energy & fuel cell
9. Hydrogen generation from bio resources
10. Solar Energy
11. Photo Voltaic Cell and its efficiency
12. CNT solar cells & Concentrated Solar Power (CSP)
13. Space based solar power
14. Nuclear Energy
15. Nuclear safety
16. Radiation & health of coastal people in Kanyakumari District- a study
17. Global warming- Increase in temperature, a case study in Kanyakumari district.
18. Production of Bio fuels using available native plants/waste from Kanyakumari dist- study.

KEGISHA MOL J (LEADER)	F	ST. ANNE'S MAT. SCHOOL, COLACHEL	9688569145
MANISHA DEVI.V	F	EVANS MATRIC.HR.SEC.SCHOOL, NAGERCOIL	9629169533
BALASUBRAMANIAN K V	M	SREE VIVEKANANDA. MAT. HR. SEC. SCHOOL, KOTTUMANGALAM	9500436368
W. SANJEERTHANA	F	S.R.K.B.V.M.H.S.SCHOOL, PADANILAM, KULASEKHARAM	9443661859
A. AKSHAYA	F	ST. JOSEPHS MAT. HR. SEC. SCHOOL, NAGERCOIL	9489284181
S.S. DHARSHANA	F	SREE VIGNESWARA MAT. HR. SEC. SCHOOL,KAPPUKADU	9443449330
SANJU REVANTH	M	AMRITA VIDYALAYAM, KANYAKUMARI	9790124468
R.MEJONA	F	VICTORY MAT. HR. SEC. SCHOOL, MYLODE	9443726716
BABITHA W.K.	F	MUNCHIRAI PUNITHA AROKIYA MATHA MAT. HR. SEC. SCHOOL	9488289694
VISHNU PRIYA .H.A	F	P.P.M.HR.SEC.SCHOOL, ANDUCODE	9487468951
N.ASWIN	M	Govt.Middle.School, KADAMANKUZZHI	9626626034

Team Coordinator : Anish.S Teacher 9791285875  
Team Supporter : Gby Atee 9488409167 (Young Scientist)  
General Consultants:

Shri.P.Balakrishnan 9443740436 Coordinator, Evans Matric. School, Nagercoil  
Shri.P.Gopalan 9442301587 Administrator, Excel Group of schools  
Dr.Y.Arul prakash 9443450618 Associate Professor, Govt Medical College, Nagercoil,  
Er V.T.Puthiavan 9443173721, Dy.Manager, ISRO Propulsion Complex, Mahendragiri  
Er.N.Sivasubramanian 9442134624, Chief General Manager Rtd., ISRO Valiamala  
Dr.T.Jayaselvakumari 9489826220, Principal, Universal College of Education  
Shri.N.Krishnankutty 9442145653 Asst.Headmaster Rtd

Scientist :Er.S.Ingersol 9442366461 Group Director, ISRO Propulsion Complex, Mahendragiri

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GREEN TEAM  
RESEARCH TOPIC- INDUSTRIALIZATION

1. History of Industrialization
2. Food Industry
3. Water Industry
4. Agriculture – an Industry
5. Air- Good air can you afford today?
6. Health Industry
7. Manufacture of Consumer and cosmetics.
8. Industrial Development and its contribution to modern life.
9. How traditional medicines have been converted into modern Pharma industry.
10. Marketing strategies & Advertisement
11. Zero Waste management.-6 R's.
12. Industries in Kanyakumari District and their impact on environment-a study
13. Bottled water a source of soil and water pollution- study.

V. SARASA(LEADER)	F	AMRITA VIDYALAYAM, KANYAKUMARI	9787792200
S. V. NAVEEN	M	S.R.K.B.V.M.H.S.SCHOOL, PADANILAM, KULASEKHARAM	9442078079
N. BHAGEERADHAN	M	HINDU VIDYALAYA MATRIC. H.S SCHOOL, KARUNGAL	9842366977
M. MACDELIN ASHMI	F	ST. MARY GORETTY HR. SEC. SCHOOL, MANALIKARAI	8489964869
D. SHEEBA	F	BELFIELD MATRIC. HR. SEC. SCHOOL, ASARIPALLAM	9442250933
V. S. VIJAYKAILASH	M	N.M.VIDYAKENDRA CBSE SCHOOL, CHITHARAL	9600894887
N.P.AARTHI KRISHNA	F	HINDU VIDYALAYA MATRIC. H.S.S, RADHAKRISHNAPURAM	9942013956
CLARIN .P	M	EVANS MATRIC.HR.SEC.SCHOOL, NAGERCOIL	9486317205
MERLINJEBA. S	F	ST.MARY'S MAT.HR.SEC.SCHOOL, MARIAGIRI	7639633430
M. ABISHA	F	ST. ANNE'S MATRIC SCHOOL, ARALVOIMOZHY	9952242684
M. ABIRAMI	F	ST. URUSALA'S GIRLS HIGHER SEC. SCHOOL KULASEKHARAM	9486194771

Team Coordinator : Smt.R.R.Rekha 9487002300 AHM Govt .High School

Team Supporter :J.M.Jereshea 9894646076 (Young Scientist)

General Consultants:

Shri. C.Shibin Tad 9442040601 (Asst.Professor N.I.University)  
Dr.A.Jayalal 9443160026 Associate. Professor, Govt Medical College, Nagercoil  
Er. V. V. Vikram 9976688272 (Asst. Manager, L&T, Coimbatore)  
Dr.T.James Wilson 9750976611 Chairman, Sigma College of Architecture,Moododu.  
Dr.Y.SriRam 9486811230 Medical Officer Govt. Primary Health Centre, Agasteeswaram  
Shri.Mangavilai D.Rajendran 9442251344 All India Radio, Nagercoil  
Shri.N.Mathias 9942805633 Teacher Scott Christian H.S.S., Nagercoil  
Shri.K.P.Chellaswamy 9442162278 Headmaster Rtd

Scientist : Er.A.Benzigar Rajan 9488671112 Dy. Manager, ISRO Propulsion Complex, Mahendragiri

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