

# LORD JEGANNATH COLLEGE OF ENGINEERING

RAMANATHICHPUTHOOR



## Scientific Awareness Camp for Young Scientists

### FOOD AND AGRICULTURAL CHALLENGES

10th & 11th November 2012

10-11-2012

6.30A.M :Assembling at Marthandam Bus stand

6.45A.M :Bus pickup

8.15A.M :Arrival at College

8.30A.M :Break first

9.00A.M : INAUGURAL FUNCTION

Welcome Address by :

**:Dr.T.Sasikumar**

Principal, Lord Jegannath College of Engineering,

Introductory Address by:

**:Mullanchery M.VELAIAN**

Organiser, Kumari Arival Peravai

Inaugural address by: **Dr.P.SUYAMBU**

Chairman, PSN Group of Institutions

Felicitation :**Shri.Franklin George Jobin**

Vice Principal, Lord Jegannath College of Engineering,

Special Address : **Shri.N.Sivasubramanian**

Chief General Manager Rtd. ISRO Valiamala

Theme Address : **Er.K.Ramaseshan**

General, Manager, ISRO Mahendragiri

**: Dr.Y.Arul prakash**

Asst.Professor Govt Medical College Nagercoil,

10.15 A.M **Research topic presentation**

11.00 A.M Tea break

11.15 A.M **Leadership quality**

11.45 A.M Guest lecture

12.30 P.M Group discussion ,report

01.00 P.M Lunch

B  
L  
U  
E

T  
E  
A  
M

RESEARCH TOPIC : **AGRICULTURE AND TECHNOLOGY**

**Agriculture-Historical perspectives**

**Agriculture in India- An Overview.**

**Agri-science & Organic Farming**

**Technology in Agriculture**

**Dry land & Wet land Agriculture**

**Drip and Sprinkler Irrigation.**

**Technology for Assuring Agriculture Production**

**Integrated Farming System**

**(Animal husbandry, Poultry & Dairy)**

**Role and status of fertilizers &**

**pesticides for sustained Agricultural growth.**

**Agriculture & Economic Concerns.**

Team Coordinator : **Shri.M.John Rabikumar**

Resource Person : **Ms.A.Beula**

Counselor : **Shri.S.Thiruvengadam**

Guide : **Ms. N.Gayathri**

Hinduvidyalaya Matric.HSc.School,Karungal

1.A.ANNLIN STEFFY

2.R.KJEEVANANTHAM

3.J.LIVEE

4.ABIULIN LAZHAYA V.J

5.J.JENISHA

6.H.JAYARAM

7.D.P.PAULRICHARD

8.T.R.RENISHIYA

9.G.R.ASWINSAM

10.A.S.ARAVINTH SIVAN

11.IRISH.A.K.ANINTH

1.30 P.M **Aeronautical lab visit**

2.30 P.M Discussion

3.00 P.M **Research topic presentation**

4.00 P.M Tea

4.15 P.M **Communication skill**

4.45P.M Guest lecture

5.00 pm Group discussion &report

Special address : **Dr.T.Sasikumar**

Principal, Lord Jagannath College Of Engineering

Theme Address : **Dr.Sugin Herbert**

Medical officer Govt. Health Centre

**: Er.A.Benzigar Rajan**

Scientist,ISRO Mahendragiri

Resource Person : **Smt.G.Diviamalar**

Food Study Consultant

Counselor : **Shri.S.Johnson**

Team coordinator : **Shri.P.Balakrishnan**

Guide : **Ms. N.S.Aswathi**

NVKSD Hr,Sec,School,Attoor

Y  
E  
L  
L  
O  
W

T  
E  
A  
M

RESEARCH TOPIC : **FOOD PROCESSING AND HUMAN**

**Food Crisis**

**Food Chemistry and Nutrition**

**Food Processing principles & Storage**

**Fruits,vegetables and plantation Products processing**

**Animal products processing**

**Food additives & Adulterants**

**Increased concentration and**

**dependence in food supply**

**Food from the Sea**

**National and international food policies & food laws.**

**Genetically modified crops.**

**Food perception**

1.S.FATHIMA SHAHANA

2.ABHISHEK.S.PETER

3.R.J.JESHIBA

4.P.ANISH

5.I.V.JENIBAJUDTI

6.R.S.SIVARAAM

7.A.M.AKIL

8.AKIL.S.NAIR

9.JAFFRIN JISHA.J.H

10.M.ALVINA CYNIHIA

11.P.BENIN

MULLANCHERY M.VELAIAN

[www.Kaponline.net](http://www.Kaponline.net) email : [mullanchery@gmail.com](mailto:mullanchery@gmail.com)



Theme address : **Er.S.Ingersol**  
Div.Head, ISRO Mahendragiri  
Special Address : **Dr.A.Jayalal**  
IMA State General Secretary  
: **Capt.P.Bennet Singh**  
Pilot Tuticorin port  
Team Coordinator : **Prof.T.Jayaselvakumari**  
Resource person : **Shri.D.Rajendran**  
All India Radio, Nagercoil  
Counselor : **Shri.R.Satish kumar**  
Guide : **Ms.Y.S.Daharshini**  
NVKS HSc.Attoor

5.30 P.M **Research topic presentation**  
6.30 P.M Group Discussion, Report  
7.00 P.M **Personality Development**  
7.30 P.M Report  
8.00 P.M Dinner  
9.00 P.M Cultural programme  
10.00P.M Prayer  
**11-11-2012** 5.00 A.M Wake up

**G  
R  
E  
E  
N  
  
T  
E  
A  
M**

RESEARCH TOPIC : **FOOD SYSTEMS AND HEALTH**  
**Balanced Nutrition.**  
**Moving Towards a Better Food System**  
**Principles of Healthy & Sustainable Food System**  
**Access to Healthy Food**  
**Food systems & public health**  
**Storage of food grain & preservation.**  
**Fast Food & health Hazard**  
**Malnutrition**  
**Relation between food productions, Population,**  
**equity, & human health impact each other.**  
**Food Contamination & Disease**  
**Environmental impact of Agricultural Produces.**  
1.A.V.ANJANA  
2.I.SREE BADHRA  
3.SOORAJ M.S  
4.P.MERLINNITHYA  
5.S.S.DEVIKA  
6.X.M.VINCE BRIGHTLIN  
7.JENISHA J.M  
8.A.STEVE FRANCIES  
9. R.SOWNDHARIA  
10.SIDHARTH.S  
11.JAIGANESH.B

Special Address : **Er.L.Muthu**  
Dy.Director ISRO Valiyamala Rtd  
Theme Address : **Er.P.Murugan**  
Manager Rtd ISRO Mahendragiri  
: **Dr.K.Vijayakumar**  
National President, Indian Medical Association  
Team Coordinator : **Shri.L.Edwin Sam** Social Scientist  
Resource Person : **G.Arul Selvan**  
Nature Study Consultant  
Counselor : **Shri.P.Gopalan**  
Guide : **Ms. R.Shunmugapriya**  
Excel central School,Thiruvattar  
6.00 A.M Yoga  
7.00 A.M Field study  
7.30 A.M Report  
8.00 A.M Break first  
8.30 A.M **Research topic presentation**  
9.30 P.M Group Discussion, Report  
10.00 P.M **Computer & internet study**  
12.00 P.M **Mechanical, Electrical & Electronic lab study**

**M  
A  
R  
O  
O  
N  
  
T  
E  
A  
M**

RESEARCH TOPIC: **FOOD PRODUCTION AND CONSUMPTION**  
**Production**  
**Food production and consumption trends in India.**  
**Production, procurement, distribution constraints.**  
**Modern technologies in food &**  
**Agricultural produce Preservation.**  
**Environmental consequences of food consumption**  
**Co-products and wastes**  
**Food packaging, packaging Materials, hygiene in places**  
**Increased role of technology and innovation.**  
**Problems faced by Agriculturist & farmers.**  
**Balanced Industrialization for Agricultural growth.**  
1.J.S.ANANDAKRISHNAN  
2.ANJALLS  
3.ATHIRA.R.S  
4.AHITHIYA.A.N  
5.BALATHIRAVIAM  
6.JENISHA HIL .R  
7.JINOLIN.D.M  
8.KARANSAGAR  
9.SOWBIYA.S.K  
10.RESHMASEN.N  
11.SHYAMA.V.U

Special address : **Dr.T.James Wilson**  
Chairman, Martandam College of Engineering  
Theme Address : **Er.P.Palvannan**  
Dy.General Manager, ISRO Mahendragiri  
: **Dr.P.Thiraviam**  
Medical Officer, LPSC/ISRO Mahendragiri  
Team Coordinator : **Shri.C.Sajeev**  
HOD Sun College of Engineering  
Resource Person : **Smt.R.R.Rekha**  
: **Er.S.Murugan**  
Counselor : **Shri.D.Samraj**  
Guide : **Ms.C.Sheeba Rathi**  
Hinduvidyalaya Mtric.H Sc.Karungal  
1.00 P.M Lunch  
1.30 P.M **Happiness**  
2.00 P.M **Research topic presentation**  
3.00 P.M Group Discussion, Report, Feedback  
3.15 P.M Tea  
3.30 P.M Valedictory Function:  
Presided by : **Dr.T.SASIKUMAR**  
Felicitations : **Shri.K.P.CHELLASWAMY**  
: **Shri.N.KRISHNANKUTTY**  
Valedictory address : **Mullanchery M.VELAIAN**  
Organiser, Kumari Arivial Peravai

**R  
E  
D  
  
T  
E  
A  
M**

RESEARCH TOPIC : **FUTURE OF FOOD AND AGRICULTURE**  
**Insights into Future of Agriculture**  
**Feed India by 2030**  
**Food security and growing population.**  
**National and international Agricultural policies.**  
**World Hunger and Poverty**  
**Food as a Human Right**  
**Agricultural land degradation and water scarcity**  
**Food Safety & Natural Disasters**  
**Emerging Issues and Challenges for Global Agriculture**  
**Cooperative Farming & Preservation of Water Bodies.**  
**Influence of climate change and bio-energy on long**  
**term outlook for food and Agricultur**  
1.J.DHARAN  
2.J.R.FRANIYA ANTON  
3.RAMAKASH R.S  
4.M.ABISHEK  
5.J.A.JEMCINI  
6.R.M.DEENURAJ  
7.S.S.KRITHIYA SUYASRI  
8.M.P.VISHAL 9965050657  
9.SIVAPRIYANKA.K 9443277136  
10.Y.S.SATHEESH  
11.S.SARANYA