



LORD JEGANNATH COLLEGE OF ENGINEERING RAMANATHICHANPUTHOOR

SCIENTIFIC AWARENESS CAMP FOR YOUNG SCIENTISTS Nurture Nature

INVITATION

LORD JEGANNATH COLLEGE OF ENGINEERING RAMANATHICHANPUTHOOR

9 & 10th November 2013

10-11-2013 5:00 A.M. Workshop
 6:00 A.M. Yoga
 7:00 A.M. Field trip
 7:30 A.M. Report
 8:00 A.M. Break Time
 8:30 A.M. Research topic presentation
 9:00 A.M. Group discussion, Report
 9:30 A.M. Break Time
 10:00 A.M. Research topic presentation
 10:30 A.M. Group discussion, Report
 11:00 A.M. Break Time
 11:30 A.M. Research topic presentation
 12:00 P.M. Lunch
 1:30 P.M. Research topic presentation
 2:00 P.M. Group Discussion, Report, Feedback
 3:00 P.M. Tea
 3:30 P.M. Valedictory Function:
 Presided by : **Dr. J. Sankaranarayanan**
 Vice Principal, Lord Jeggannath College of Engg.
 Felicitation : **Dr. Frankin George John**
 Head of Department, Anna University, Chennai
 4:00 P.M. Group Discussion, Report

PROGRAM

RESEARCH TOPIC-FOREST
 Presentation of Forests
 Forest management
 Ecosystem services provided by forests
 Stable technology for forest management
 Environmental impacts of forest
 Indian forest - an overview
 Government roles and activities in forest management
 Forest in Karnataka - Statistics
 Field trip in Karnataka forests and its management
 Past and present statistics regarding Karnataka
 Forests in Karnataka forests and its management
 Medicinal plants in Karnataka forests
 Management of medicinal plants in Karnataka forest
 Forests, some casting in Karnataka DIST.
 Forests, some casting in Karnataka DIST.
 Team Coordinator : **Dr. S. Edwin Chakraborty**,
 Environmentalist.
 Team Supporter : **S. Radhika Shashana**,
 Scientist, Young Scientist 2012, J.J.
Dr. P. Jayaraman,
 Dy. Genl. Manager, K.O. Mahalingapur
 Resource Person : **Mrs. B. R. Reddy**, Teacher
 Doctor : **Dr. P. Thejaswini**,
 Medical Officer, I.D.E.S., Thiruvananthapuram
 Consultant : **Dr. T. James Wilson**,
 Chairman, Sree College of Arts, Lecturer,
Shri S. Johnson, Head Master
 Guide : **Ms S Sandhyavani**,
 Excol Central School, Thiruvattar
 7:00 P.M. Research topic presentation
 7:30 P.M. Group Discussion, Report
 8:00 P.M. Break
 9:00 P.M. Cultural programme
 10:00 P.M. Break
RESEARCH TOPIC-SEA & COASTAL RESOURCES
 Sea and Human life
 Necessity of sea food for human life
 Sea weed
 Fishing in Karnataka
 Salt and its uses
 Salt in Karnataka
 Coastal management
 Technologies and procedures to manage coastal regions
 Managing the environmental effects of coastal regions
 Preserving the coastal flora and fauna
 Indian Coastal management - an overview
 Indian government coastal regulation acts
 Scenario of Tamil Nadu Coastal management and acts
 Field trip
 Field study on flora and fauna of coastal area of Karnataka
 Fisheries
 Coastal Ecosystems in Karnataka
 Coastal Regulation Zone, Wetlands in Karnataka
 Karnataka IT zones
 Impact of IT zones to safeguard coastal area of
 Karnataka
 Effects of sea water on coastal lands from Kerala to Karnataka
 Team Coordinator : **Shri. Edwin Sam**, Social Scientist
 Team Supporter : **Shri. Shiba**, Research scholar
 Scientist : **Er. S. Ingersol**,
 Group Head, IASO, Mahalingurajiri
 Resource Person : **Mrs. T. Jayasudhan**,
 Universal College of Education, Vellore
 Doctor : **Dr. A. Jayalal**,
 Associate Professor, Govt Medical College
 IIM, Srirangapatna
 Consultant : **Dr. T. Sankaranarayanan**,
 Principal, Lord Jeggannath College of Engineering,
 Vellore
 Guide : **Mrs. Sanjya**, S. Mry's H. Sec. School, Jhalajal

9-11-2013 (Saturday)
 6:30 A.M. Assembling at Marthandam Bus stand
 6:45 A.M. Bus pickup
 8:45 A.M. Arrival at SCIENCE CENTRE THIRUVELVELU
 9:00 A.M. : BASIC SCIENCE STUDY SESSION
 Welcome Address by : **Mullanchery M. Velaian**
 Organiser, Kumari Arivial Peravai
 Special address by : **Shri. SEETHARAM**
 Outcomes Officer, IIT, Science Centre
 Key Note Address by : **Er. S. INGERSOL**
 Group Head, IASO, Mahalingurajiri
 Inspirational Address by : **Mrs. MASHA**
 Young scientific innovator
 10:00 A.M. Visit Science Centre
 3:50 P.M. in Lord Jeggannath College of Engineering,
 4:00 P.M. Tea
 4:15 P.M. INAUGURAL SESSION
 Welcome Address by : **Dr. T. Sankaranarayanan**
 Principal, Lord Jeggannath College of Engineering,
 Vellore
 Inspirational Address by : **Mullanchery M. Velaian**
 Organiser, Kumari Arivial Peravai
 Presided by : **Dr. P. SUYAMBUR**
 Chairman, PSI Group of Institutions
 Inaugural Address by :
Shri. K. ARTHIKESAN D
 Outstanding Scientist
 Associate Director, LPCRSRO Mahalingurajiri
 5:0 P.M. Research topic presentation
RESEARCH TOPIC- SOIL MINERALS
 Need for soil management
 Soil quality
 Geology of soil
 Mechanisms of soil formation, movement and its control
 Soil fertility regulation
 Soil fertility maintenance (Chemical balance)
 Enhancement of soil biological activity
 Soil quality management
 Soil types of Karnataka district
 Past and present scenario of soil fertility in K.K. dist.
 Impacts of soil fertility in K.K. dist. due to rubber tree plantation
 Deposition of soil nutrient due to banana plantation
 Effects of forest soil enrichment in K.K. dist.
 Forest soil management practices to improve soil
 quality in K.K. dist.
 Field trip
 Field study of mineral
 Research management of minerals in Karnataka
 Distribution and availability of minerals in Karnataka
 Team Coordinator : **Shri. M. John Rajakumar**,
 Lecturer, Government College,
 Srirangapatna
 Scientist : **Er. K. Ramaseshan**,
 General Manager, IASO, Mahalingurajiri
 All India Book Review, Regional
 Doctor : **Dr. Y. Anuprakash**,
 Asst. Professor, Govt. Medical College, Regional
 Consultant : **Er. N. Sivasubramanian**,
 Senior Scientist, Chief General Manager, IASO
 Senior Scientist, Chief General Manager, IASO
 Associate Professor, Govt Medical College
 Employment officer, IASO
 Guide : **Ms. Manju**,
 Excol Ghaks School, Thiruvattar
 6:00 P.M. Research topic presentation
 6:30 P.M. Group Discussion, Report

Mullanchery M. Velaian
 Organiser, Kumari Arivial Peravai

9842 6722 9933

INAUGURAL SESSION

Dear Sir/Madam

Greetings to you from Kumari Arivial Peravai!

Kumari Arivial Peravai is a voluntary group doing service in the field of Science and

Technology in and around Kanyakumari district, to give scientific awareness to the village

students and also to bring out the hidden talents in the young ones;

Another important programme is *Developing Young Scientists*.

This has also feathered the cap of Kumari Arivial Peravai.

The title chosen for this year Programme is

“NURTURE NATURE”. For the selected

56 young scientists , various training programmes will be conducted this academic year.

The First Scientific awareness camp will be conducted

on **9 & 10th November 2013**

in association with Lord Jeggannath College of Engineering Ramanathichanputhoor.

You are requested to participate and contribute towards the success of the programme.

Thanking you

Yours sincerely
Mullanchery. M.VELAIAN
Organiser,
Kumari Arivial Peravai

4.00 P.M : Planting tree

4.10P.M :Lighting Kuttuvilakku

Welcome Address by

Dr.T.SASIKUMAR

Principal, Lord Jeggannath College of Engineering

Introductory Address by

Mullanchery M.VELAIAN

Organiser, Kumari Arivial Peravai

Key Note Address

Shri.S.INGERSOL

Group Head LPSC/ISRO Mahendragiri

Presided by

Dr.P.SUYAMBU

Chairman, PSN Group of Institutions

Inaugural Address by

Shri.KARTHIKESAN .D

Outstanding Scientist, Associate Director

LPSC/ISRO Mahendragiri