



Christ College (Autonomous)
Irinjalakuda, Kerala 680125

Affiliated to the University of Calicut and
Re-accredited by NAAC (Grade A)

In collaboration with

**Guru Angad Dev Teaching Learning
Centre of MHRD, Under the Scheme of
Pandit Madan Mohan Malviya National
Mission on Teachers and Teaching
(PMMMNMTT)**



MHRD
Govt. of India

**National
Faculty Development
Programme on
QUALITY SCIENCE
EDUCATION IN INDIA
IN THE 21ST CENTURY**

3rd- 9th November 2020
3 pm to 6 pm



Overview

To enhance the quality of the teaching learning process, we are planning to organize a 7-day faculty development program (FDP-2020) for science teachers, which may be used by the participants for the Career Advancement Scheme. The targeted training group comprises college teachers in various Science streams. It may be also useful for interested Higher Secondary Teachers. The proposed faculty training will be conducted by celebrated teachers, many of them are fellows in various national science academies (INSA, IASc and NASI) and scientists of reputed organizations. The program will have seven days of total sessions that will last from 3:00 pm to 6:00 pm between 03-11-2020 and 09-11-2020. Training sessions comprises of practical sessions and lectures that will touch upon the topics from different science disciplines and general aspects of improving quality of science education in India in the light of National Educational Policy.

Topics to be Discussed

1. **Achieving Excellence in Science in India in the 21st Century: Challenges and Opportunities.**
2. **History and Philosophy of Natural Science.**
3. **How to organize teaching of integrated Biology at UG level?-Implications of NEP-2020.**
4. **Stimuli-responsive nano-aggregates and molecular assemblies.**
5. **Overview of Remote Sensing and its applications.**
6. **Geographic Information System (GIS) and its applications.**
7. **Application of Geospatial Technology in Forestry and Ecology.**
8. **Air pollution and climate change.**
9. **Ground water quality assessment and monitoring techniques.**
10. **Practical training on the usage of QGIS software.**
11. **Fascinating applications of Metamaterials**

*Equivalent to
face to face one week
FDP*

(Fulfills requirements as per
CAS of UGC and AICTE for
promotional requirements of
College teachers)

**For
registration
and more details**



FEE

International Delegates - Rs. 1500/-

National Delegates - Rs. 1000/-

Research Scholars - Rs. 500/-

ACCOUNT DETAILS:

A/C No: 12790100039629
Name: M/S CHRIST COLLEGE
Bank: The Federal Bank Ltd.
Branch: Irinjalakuda
IFSC: FDRL0001279

NATIONAL FDP ON QUALITY SCIENCE EDUCATION IN INDIA IN THE 21ST CENTURY



3rd - 9th November 2020
3 p.m. to 6 p.m.

Inaugural Session 3rd Nov. 2020

CHIEF GUEST



Prof. A K SINGHVI
FNA, FASc, FNASc, FTWAS, FGS(Lon)
Vice President
Indian National Science Academy
New Delhi

KEY NOTE ADDRESS

Prof. A K BAKHSHI
Vice Chancellor
PDM University, Haryana



FELICITATION



Dr. VIMAL RARH
Project Head & Joint Director
GAD TLC OF MOE, GOI

FELICITATION

Fr. JACOB NJERINJAMPILLY CMI
Manager
Christ College (Autonomous),
Irinjalakuda



FELICITATION



Dr. ROBINSON P P
IQAC Co-ordinator,
Christ College (Autonomous),
Irinjalakuda

PRESIDENTIAL ADDRESS

Dr. Fr. JOLLY ANDREWS CMI
Principal
Christ College (Autonomous),
Irinjalakuda



Valedictory Session on 9th Nov. 2020



Valedictory Message

Dr. M K JAYARAJ
Vice Chancellor, University of Calicut
Alumni of Christ College -

RESOURCE PERSONS



Prof. Kambadur Muralidhar

PhD FNASc FASc FNA, Former Jawaharlal
Nehru Chair, UoH, Former Sir JC Bose
National Fellow, SAU, Former Head,
Department of Zoology, DU



Dr. Vinay Kumar

Scientist/Engineer - SE, Photogrammetry
& Remote Sensing Department,
ISRO (NRSC-IIRS).



Prof. Amitava Das

FASc, FNASc, FRSC, Department of
Chemical Sciences and Dean, Research
and Development IISER Kolkata



Dr. Subrata Nandy

Scientist/Engineer - SE, Forestry
and Ecology Department,
ISRO (NRSC-IIRS)



Prof. S. Lokanathan

Emeritus Fellow, University of Rajasthan



Mr. Prasun Kumar Gupta

Scientist/Engineer - SD,
Geoinformatics Department,
ISRO (NRSC-IIRS).



Prof. L. Elango

Head, Department of Geology,
Anna University, Chennai.



Prof. V.P. Joseph

Department of Physics
Christ College (Autonomous),
Irinjalakuda, Kerala



Dr. Kirpa Ram

Assistant Professor, Institute of
Environment and Sustainable Development
(IESD), Banaras Hindu University.

Convenor



Dr. Linto Alappat

Asst. Prof. and Head,
Dept. of Geology and Env. Science
and Co-ordinator, Christ College Teaching Learning Centre.

Organizing Committee

Dr. Xavier Joseph
Dr. Titto Varughese
Dr. Subin K Jose
Dr. Manju N J
Dr. Bijoy C
Ms. Merin Jose V
Dr. Nandini C V
Mr. Jose Sunny
Dr. Devi K.

Programme co-ordinators

Dr. K. Y. Shaju (*Vice Principal*)
Dr. C.O. Joshi (*Vice Principal*)
Fr. Joy P.T. (*Vice Principal*)
Dr. Fr. Vincent N.S., CMI (*Bursar*)

IT Support

Ms. Vandana T V
Ms. Minu Mary P J
Mr. Linto George
Mr. Abhijith S Menon
Mr. Prajesh A
Mr. Hariharan M

Advisory Committee

Dr. Tessa Paul P. (*Dean of Science*)
Dr. B.P. Aravinda (*Dean of Languages, Commerce and Humanities*)
Dr. Davis Antony Mundassery (*Controller of Examinations*)



DAY 2

[04-11-2020; WEDNESDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:30 PM]

RESOURCE PERSON

Dr. VIMAL RARH

Project Head and Joint Director, GAD TLC of MOE, GOI

[4:30- 5:30 PM]

RESOURCE PERSON

Prof. AMITAVA DAS

FASc, FNAsc, FRSC, Former Director CSMCRI and now Distinguished Prof in Chemistry, IISER

INTERACTION

[5:30- 6:00 PM]

RESOURCE PERSON

Dr. VIMAL RARH

Project Head and Joint Director, GAD TLC of MOE, GOI

Prof. AMITAVA DAS

FASc, FNAsc, FRSC, Former Director CSMCRI and now Distinguished Prof in Chemistry, IISER



DAY 3

[05-11-2020; THURSDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:00 PM]

RESOURCE PERSON

Prof. K MURALIDHAR

FNAsc, FASc, Department of Zoology, University of Delhi

INVITED LECTURE

[4:00- 5:00 PM]

RESOURCE PERSON

Dr. KIRPA RAM

Assistant Professor, Institute of Environment and Sustainable Development (IESD), Banaras Hindu University]

INVITED LECTURE

[5:00- 6:00 PM]

RESOURCE PERSON

Prof. K MURALIDHAR

FNAsc, FASc, Department of Zoology, University of Delhi



DAY 4

[06-11-2020; FRIDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:30 PM]

RESOURCE PERSON

MR. VINAY KUMAR

Scientist/Engineer - SE, Photogrammetry & Remote Sensing Department, ISRO (NRSC-IIRS)]

INVITED LECTURE

[4:30- 6:00 PM]

RESOURCE PERSON

Dr. L. ELANGO

Professor & Head, Department of Geology, Anna University, Chennai



DAY 5

[07-11-2020; SATURDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:30 PM]

RESOURCE PERSON

Dr. PRASUN KUMAR GUPTA

Scientist/Engineer - SD, Geoinformatics Department,
ISRO (NRSC-IIRS)

INVITED LECTURE

[4:30- 6:00 PM]

RESOURCE PERSON

Dr. SUBRATA NANDY

Scientist/Engineer - SE, Forestry and Ecology
Department, ISRO(NRSC-IIRS)



DAY 6

[07-11-2020; SUNDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:00 PM]

RESOURCE PERSON

Dr. PRASUN KUMAR GUPTA

Scientist/Engineer - SD, Geoinformatics Department,
ISRO (NRSC-IIRS)

[4:00- 6:00 PM]

PRACTICAL SESSION- QGIS SOFTWARE



DAY 7

[09-11-2020; MONDAY] [3:00- 6:00 PM]

INVITED LECTURE

[3:00-4:00 PM]

RESOURCE PERSON

Dr. S. LOKANATHAN

Emeritus Fellow, University of Rajasthan

INVITED LECTURE

[4:00- 5:00 PM]

RESOURCE PERSON

Dr.V.P. JOSEPH

Christ College Autonomous,
Irinjalakuda, Kerala

[5:00- 6:00 PM]

VALEDICTORY, ASSESSMENT AND EVALUATION

