

PHONE : 2211679



BANGALORE UNIVERSITY
DEPARTMENT OF STUDIES IN CHEMISTRY

Dr. S. M. MAYANNA
Professor & Chairman
and
Dean, Faculty of Science
Co-ordinator, MCA/PGDCA

CENTRAL COLLEGE
BANGALORE-560 001

Date : 6.7.1994.

Dear Sir,

We are conducting a Refresher course in Chemistry for Engineering College teachers from 22nd July 1994. The Programme is scheduled for two weeks. The theme of the refresher course is "Energy and Environment - A Chemical Perspective". The participants of the refresher course will be greatly benefited if you can kindly deliver a talk (90 minutes duration). Kindly suggest the date convenient to you from July 22, to 6th August 1994 either in the fore noon or afternoon session. Also please indicate the topic on which you wish to talk. If possible kindly provide a brief resume of your talk so that it could be included in the proceedings which we plan to bring about. Looking forward for your cooperation.

With regards,

Yours sincerely

(COORDINATOR)

Refresher course in Chemistry

29 July

2.30 pm

Application for
quantitative methods in
ecology. -



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Date : 9-8-94

Dear Dr. Joshi,

This letter is to express my deep appreciation for the talk you delivered recently at the refresher course for engineering chemistry teachers of Bangalore University on Energy and Environment-A. Chemical Perspective. I will be highly thankful if you can send a write up on the topic of your talk, to me at the earliest. This will enable us to bring out the proceedings of the refresher course which will be very useful as a source book in this field. I once ^{again} thank you for your cooperation.

With warm regards,

Yours sincerely,

S.M. Mayanna
(S.M. Mayanna)

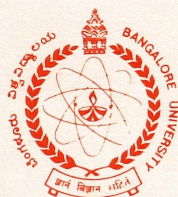
Dr. *Niranjana V. Joshi*
Dr. ~~Narayan~~ Joshi,
IISc, Bangalore-12
*Centre for Ecological
Sciences*

**REFRESHER COURSE FOR CHEMISTRY
TEACHERS IN ENGINEERING COLLEGES**

on

Energy and Environment - A Chemical
Perspective

22nd July to 6th August 1994



Co - ordinator

Prof. S. M. Mayanna

Chairman

Department of Chemistry
Central College, Bangalore - 560 001.

Course Recognised by Indian Society
for Technical Education

Organised by Department of Chemistry,
Bangalore University

and

Association of Chemistry Teachers in
Engineering Colleges of
Bangalore University

Sponsored by :-

M. S. Ramaiah Institute of Technology, Bangalore,
R. V. College of Engineering, Bangalore
Siddaganga Institute of Technology, Tumkur
Sri. Siddhartha Institute of Technology, Tumkur
Sir. M. Visvesvaraya Institute of Technology,
Bangalore.

Convenor

Prof. B. S. Jai Prakash

BIT, Bangalore

Treasurer

Prof. C. S. Nilugal

UVCE, Bangalore

Objective

The Chief sources of energy that is presently utilised by man are - coal, oil and natural gas. These hydrocarbon fossil fuels are limited and a once-only gift of nature formed from complex naturo-chemical processes over millions of years. Use of these fossil fuels in internal combustion engines has resulted in pollution of environment. Rapid industrialisation, besides generating more employment for ever increasing population, has caused irreparable damage to nature. Deforestation, untreated industrial effluents and indiscriminate use of synthetic materials have resulted in ecological imbalance. This has led to acid rain, green house effect, ozone hole and many more disastrous effects on environment. The secondary effects of these are seen in plant growth, soil pollution and the unpredictable health risks to living beings.

In view of the burning problems future generation would have to face, which certainly needs remedial measures, the present refresher course is designed to bring awareness among younger generation, the methodologies and procedures that have to be adopted in controlling the environmental pollution and looking for alternate non-polluting energy sources to meet human energy requirements. This course also aims to provide a glimpse of modern developments that are continuously taking place in search of environmental-friendly alternate energy sources.

The course is primarily for chemistry teachers from Engineering colleges and other concerned interdisciplinary subjects to update their knowledge in this most important and needly field of Energy and Environment.

- Faculty** - Staff members of Chemistry Department of Bangalore University and Affiliated Engineering Colleges, Experts from National Research Laboratories, R & D organisations, Central Government Undertakings, Government Departments.
- Eligibility** - Chemistry faculty of Engineering Colleges. Since the course content is interdisciplinary a few applications from faculty of other discipline will be considered.
- Venue** - Department of Chemistry Central College, Bangalore.
- Application** - Intending participants may use the enclosed application form or a copy of the same. Application forwarded by the Head of concerned Institution should reach the coordinator by 10th July 1994.
- Course Fee** - Rs. 300/- per participant
No TA/DA will be provided to participants.
Outstation participants will have to make their own arrangements for accomodation.

**APPLICATION FOR REFRESHER COURSE ON
ENERGY AND ENVIRONMENT -
A CHEMICAL PERSPECTIVE**

July 22nd to 6th August 1994

1. Name of the applicant
2. Designation
3. Department
4. Institution
5. Postal address
6. Educational Qualifications
7. Teaching Experience
8. Short term courses attended so far
9. Have you attended a course on similar theme of this refresher course
If so, give details
10. Why are you interested in this course
11. D. D. No. and date

Date :

Signature of Candidate

Date :

Head of Institution
Seal

Course : 22nd July to 6th August 1994
Last date for application 10th July, 1994