

**NATIONAL LEVEL REFRESHER COURSE ON  
"RECENT ADVANCES IN CHEMICAL SCIENCE & ITS TECHNOLOGICAL APPLICATIONS"**

**Dates: 8 to 21 December 2010**

**Organized By  
Department of Chemistry  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo, Sikkim (East)-737132**

**SMU**  
Sikkim Manipal University



**Sponsored by**



**Indian Academy of Sciences  
Bangalore**



**Indian National Science  
Academy**



**The National Academy of  
Sciences, Allahabad**

**Course Director**

**Prof. Mihir Kanti Chaudhuri  
Vice Chancellor  
Tezpur University**

**REPORT**

Two-week Refresher Courses which is an important segment of the activities of the Science Academies' Programmes has been successfully organized. The primary focus was to enhance the quality of science education at undergraduate and graduate levels. The Refresher Courses has been primarily aimed at helping teachers to add value to their teaching. The Course content has been designed to meet the above need. The course had been designed as to have direct relevance to the materials covered in the graduate and undergraduate programmes in universities and institutions in the country.

A Refresher Course on "Recent Advances in Chemical Science & its Technological Applications" for College/University teachers has been organized by the **Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East)-737 132** from 8 to 21 December, 2010 to fulfill the requirement of the academy.

The course has covered all the important topics in chemistry e.g. thermodynamics, electrochemistry, surface chemistry, green chemistry, nanochemistry, photochemistry, spectroscopy, quantum chemistry, chemical kinetics & catalysis, supramolecular chemistry, bioinorganic chemistry, polymer & colloid chemistry, organic reaction mechanism, symmetry, group theory and applications.

**Course Coordinators:**

**Prof. Amlan Kumar Das, Head, Dept. of Chemistry, SMIT, Majitar, Rangpo, Sikkim (East)- 737132,  
E-mail: amlan\_snigdha@yahoo.com, Fax: 03592-246112, Mobile: 9832053244**

**Dr. Nayan Kamal Bhattacharyya, Associate Professor, Dept. of Chemistry, SMIT, Majitar, Rangpo, Sikkim (East)- 737132  
E-mail: nkamalbhattach@yahoo.com, Fax: 03592-246112, Mobile: 9434713093**

**NATIONAL LEVEL REFRESHER COURSE ON  
"RECENT ADVANCES IN CHEMICAL SCIENCE & ITS TECHNOLOGICAL APPLICATIONS"  
Dates: 8 to 21 December 2010**

**Organized By  
Department of Chemistry  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo, Sikkim (East)-737132**

**SMU**  
Sikkim Manipal University



**Sponsored by**



Indian Academy of Sciences  
Bangalore



Indian National Science  
Academy



The National Academy of  
Sciences, Allahabad

**Course Director**  
Prof. Mihir Kanti Chaudhuri  
Vice Chancellor  
Tezpur University

**Professor Mihir Kanti Chaudhuri (Vice-Chancellor, Tezpur University) was the Course Director of the course.**

**The details of the programme given below:**

1. **Number of Applicants:** 40 ( A detailed separate sheet attached)
2. **Number of Selected Applicants:** 34 ( A detailed separate sheet attached)
3. **Number of Participants Registered:** 27( A detailed separate sheet attached)
4. **Number of Speakers/Resource Persons:** 16( A detailed separate sheet attached)
5. **Topics Covered:** The course covered all important topics in chemistry e.g. thermodynamics, electrochemistry, surface chemistry, green chemistry, nanochemistry, photochemistry, spectroscopy, quantum chemistry, chemical kinetics & catalysis, supramolecular chemistry, bioinorganic chemistry, polymer & colloid chemistry, organic reaction mechanism, symmetry, group theory and applications.

  
Prof. Amlan Kumar Das

Course Coordinator

**Course Coordinators:**

Prof. Amlan Kumar Das, Head, Dept. of Chemistry, SMIT, Majitar, Rangpo, Sikkim (East)- 737132,  
E-mail: amlan\_snigdha@yahoo.com, Fax: 03592-246112, Mobile: 9832053244

Dr. Nayan Kamal Bhattacharyya, Associate Professor, Dept. of Chemistry, SMIT, Majitar, Rangpo, Sikkim (East)- 737132  
E-mail: nkamalhatt@yahoo.com, Fax: 03592-246112, Mobile: 9434713093

PROGRAMME SCHEDULE

REGISTRATION: 8:00-9:00 AM, NEAR SEMINAR HALL, 2<sup>nd</sup> Floor, SMIT

Date	MORNING SESSION				AFTERNOON SESSION	
	9:00-10:00 am	10:00-11:00 am	11:00-12:00 am	12:00-1:00pm	2:00 am - 3:00 pm	3:00 pm - 4:00 pm 4:00-5:00pm
8.12.2010	Inaugural Function	Mihir Kantti Choudhuri	Anil Bhalekar Theory of Reaction Rates	Anil Bhalekar Relaxation Kinetics	R K Poddar Molecular Symmetry	R K Poddar Molecular Symmetry
9.12.2010	R K Poddar Symmetry Groups	R K Poddar Symmetry Groups	Anil Bhalekar Thermodynamics-I	Anil Bhalekar Thermodynamics-II	Anil Bhalekar Thermodynamics-III	A Chatterjee Colloids
10.12.2010	Anil Bhalekar Non-equilibrium Thermodynamics-I	Anil Bhalekar Non-equilibrium Thermodynamics-II	R K Poddar Symmetry Groups Applications	R K Poddar Symmetry Groups Applications	Sanjay Dahal Supramolecular Chemistry-I	Sanjay Dahal Supramolecular Chemistry-II
11.12.2010	Ashok Ghosh Electrochemistry-I	Ashok Ghosh Electrochemistry-II	Anirban Mishra Quantum Chemistry-I	Anirban Mishra Quantum Chemistry-II	Anirban Mishra Application of Quantum Chemistry-I	
<b>TRIP TO GANGTOK/VISIT TO SMU</b>						
12.12.2010	G Bez Organic Reactions Mechanism-I	G Bez Organic Reactions Mechanism-II	P K Sen Enzyme Catalysis-I	P K Sen Enzyme Catalysis-I	P K Sen Enzyme Catalysis-I	S C Bhattacharya Fluorescence as diagnostic tool for molecules
13.12.2010	G Bez Organic Reactions Mechanism-I	G Bez Organic Reactions Mechanism-II	P K Sen Enzyme Catalysis-I	P K Sen Enzyme Catalysis-I	P K Sen Enzyme Catalysis-I	S C Bhattacharya Fluorescence as diagnostic tool for molecules
14.12.2010	S C Bhattacharya Self Organised Assemblies: Formation and Applications	S C Bhattacharya Fundamentals and applications of Nanoparticles	S Bagchi Spectroscopy-I	S Bagchi Spectroscopy-II	G Bez Organic Reactions Mechanism-III	G Bez Organic Reactions Mechanism-IV
15.12.2010	S Ghosh Organic Reaction Mechanism & Applications-I	S Ghosh Organic Reaction Mechanism & Applications-II	S Bagchi Spectroscopy-III	S Bagchi Spectroscopy-IV	C R Sinha Fluorescence Spectroscopy	S Ghosh Organic Reaction Mechanism Applications-III
16.12.2010	C R Sinha Metal Carbonyls: Impact & Prospect	C R Sinha Metal Carbonyls: Impact & Prospect	S Bagchi Spectroscopy-V	S Bagchi Spectroscopy-VI	C R Sinha Fluorescence Spectroscopy	C R Sinha Fluorescence Spectroscopy

17.12.2010	B C Ranu Green Chemistry-I	Arun Chattopadhyay Nano Chemistry & Applications	Arun Chattopadhyay Nano Chemistry & Applications	Arun Chattopadhyay Nano Chemistry & Applications	B C Ranu Green Chemistry-II	Kaushik Das Electrochemist ry-I	Kaushik Das Electrochemistry-II
18.12.2010	Kaushik Das Electrochemistry-III	Naorem Homendro Surface Chemistry	Naorem Homendro Surface Chemistry	Naorem Homendro Surface Chemistry	Presentation	Presentation	
19.12.2010							
20.12.2010	Presentation	Presentation	Presentation	Presentation	B C Roy Fluorescence Spectroscopy - An important Analytical Tool	B C Roy Fluorescence Spectroscopy - An important Analytical Tool	
21.12.2010	B C Roy Fluorescence Spectroscopy - An important Analytical Tool	B C Roy Fluorescence Spectroscopy - An important Analytical Tool	Presentation	Presentation	VALIDICTORY FUNCTION/ FEED BACK SESSION		

1:00pm - 2:00pm - Launch Break

REFRESHER COURSE ON "RECENT ADVANCES IN CHEMICAL SCIENCE & ITS  
TECHNOLOGICAL APPLICATIONS"

Sponsored by

Indian Academy of Sciences, Bangalore  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India, Allahabad  
8 to 21 December 2010

in

Collaboration with

Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East)-  
737132

APPLICANTS LIST

1. Dr. K.V.V.V.SATYANARAYANA  
Associate Professor  
Department of chemistry  
GIS,GITAM University  
VISHAKAPATNAM  
ANDHRA PRADESH  
INDIA- 530045.  
Phone No: +91-9949867448  
Email : [kvvvorg@yahoo.co.in](mailto:kvvvorg@yahoo.co.in)
2. Sri Harekrishna Deka  
Dept. of Chemical Sciences  
Tezpur University, Tezpur  
P.O.: Napaam, Sonitpur  
Assam, India  
Mobile: 09864541627  
E-mail: [hkdeka10@yahoo.co.in](mailto:hkdeka10@yahoo.co.in)  
[hkdeka10@gmail.com](mailto:hkdeka10@gmail.com)
3. Dr. Utpal Tamuly  
Dept of Chemistry  
Namrup College  
P.O.Parbatpur  
Dibrugarh  
Assam-786623  
Mobile: 9435475054  
Email: [tamulyutp@yahoo.com](mailto:tamulyutp@yahoo.com)
4. DR. H. C. DEVARAJEGOWDA *M.Sc.,  
Ph.D*  
Associate Professor,  
Department of Physics,  
Yuvaraja's College (Constituent  
College)  
University of Mysore, Mysore-570 026  
Tel:+91- (0)821-2419292  
Email: [devarajegowda@yahoo.com](mailto:devarajegowda@yahoo.com)
5. Dr. Monalisa Boruah  
C/O Prof. P.S. Pandey  
Department of Chemistry, Block VI,  
Lab. No 233  
IIT, Delhi, New Delhi-110016  
Mobile numbers: 01126596450 (O);  
09560737702(m)  
E-mail: [lisadergaon@yahoo.co.in](mailto:lisadergaon@yahoo.co.in)
6. Dr. Satish Kumar Murari MSc., PhD.,  
Assistant Professor of Chemistry,  
Department of Chemistry & VTU  
Chemistry Research Center,  
Vidya Vikas Institute of Engineering &  
Technology,  
Visvesvaraya Technological University,  
# 127 - 128, Mysore Bannur Road,  
Alanahalli, Mysore - 570028.  
Mobile: # 91- 9686088514  
E-mail: [murari\\_sk@hotmail.com](mailto:murari_sk@hotmail.com)
7. Dr. Kunal Kumar  
C/O: Head, Department of Chemistry  
  
B.I.T. Sindri,  
Dhanbad- 828123  
Mobile number:  
9431912543/(+91)9504254327  
E- mail: [kumarkunalls@yahoo.com](mailto:kumarkunalls@yahoo.com)

- 8.** Dr. SHIVAJI SANDU PANDIT  
Department of Chemistry,  
Padmashri Vikhe Patil College  
Pravaranagar (Loni)  
Tal. Rahata ,  
Dist. Ahmednagar-413713 (MS)  
INDIA.  
Phone: 02422-273425  
Fax: 91 2422 273426  
Email:  
[akankshapandit2002@yahoo.com](mailto:akankshapandit2002@yahoo.com)
- 9.** Dr. Biju Dharmapalan ( WITH WIFE)  
Assistant Professor  
Dept. of Plant Biotechnology  
Mar Athanasios College For  
Advanced Studies Tiruvalla,  
Vandithadam, Vellayani (P.O)  
Thiruvananthapuram-695 522  
Kerala  
Mobile: 09447121718 (Mob.)/ 0471  
2382098(Res.)/Fax: 0469 3058017  
E-mail : [biju@macfast.org](mailto:biju@macfast.org) /  
[biju\\_dharmapalan@yahoo.co.uk](mailto:biju_dharmapalan@yahoo.co.uk)
- 10.** Dr. Chanchal Das  
Department of Chemistry  
Sikkim Government College, Tadong  
Gangtok, East Sikkim-737 102  
Mobile No. 9434144055  
E-mail: [cdaschem@gmail.com](mailto:cdaschem@gmail.com)
- 11.** Dr. Chandan Kumar Mondal  
Department of Chemistry  
Physical Chemistry Section  
Jadavpur University  
Kolkata – 700032  
Mobile: 09836262198/ 033-2414-6119  
(Residence)  
E-mail: [pcckm@yahoo.co.in](mailto:pcckm@yahoo.co.in)
- 12.** Dr Arup Gayen  
Department of Chemistry  
Physical Chemistry Section  
Jadavpur University  
Kolkata – 700032  
Mobile: Tel: 09433852307/033-2493-  
0989 (Residence)  
E-mail: [agayenju@yahoo.com](mailto:agayenju@yahoo.com)
- 13.** Dr. Sayyed Hussen Sajjansab  
Dept. of Chemistry, Sir Sayyed College,  
Roshan Gate, Post Box No. 89,  
Aurangabad (M.S.)- 431 001. INDIA  
Mobile: 09923320201/Tel. - Fax (0240)  
– 2311285  
E-mail: [hussainsyud@yahoo.com](mailto:hussainsyud@yahoo.com)
- 14.** Dr. Jaishree V  
SAC College of Pharmacy  
B.G. Nagar-571 448, Nagamangal Tq,  
Mandya Dist, Karnataka, India.  
Mobile: 08234287870/09632742574  
E-mail: [jaishreek2@rediffmail.com](mailto:jaishreek2@rediffmail.com)
- 15.** Dr. Chandra Shekhar Azad  
Department of Chemistry,  
S.P. College, Dumka  
Jharkhand
- 16.** Mr Varun Kumar Singh  
Dept. of Applied Chemistry  
Birla Institute of Technology  
Mesra-835215,  
Ranchi (Jharkhand)  
Mobile No: +919430140308  
Email: [vks2679@gmail.com](mailto:vks2679@gmail.com)
- 17.** Bijoy K Choudhary  
G.L.Colony, Behind G.L. Motors,  
Pt. B. N. Jha Path, Deoghar – 814 112.  
Phone : +919939925553,  
918102424737 (R), +919931149489,  
+9709278761.  
E-mail: [karbkc2006@rediffmail.com](mailto:karbkc2006@rediffmail.com)
- 18.** Dr. K. K. Nandi  
Asst. Prof. in Chemistry,  
Department of Chemistry; B. K. C. College  
111/2, B.T. Road; Kolkata –700108; West  
Bengal  
Phone: +91-9433425083  
E-Mail: [kknandi@yahoo.com](mailto:kknandi@yahoo.com)

- 19.** Mr. Satanand Sahu  
C/O Dr. Sudip Maity  
CIMFR (DC), P.O. - FRI  
Dhanbad (JH) – 828108  
Mobile: **09204436785 (M), 0326-2388252(O)**  
E-mail: [snsahu19@gmail.com](mailto:snsahu19@gmail.com)
- 20.** Dr Suvangshu Dutta  
Dept. of Chemistry  
D.R. College, Golaghat-785621, Assam  
Mobile No: 9854537587  
E-mail: [suvangshu@rediffmail.com](mailto:suvangshu@rediffmail.com)
- 21.** A. Muthuvinayagam  
Chemical Sensor Research Centre  
Loyola College  
Chennai-600 034  
Mobile: 09445304132  
E-mail: [amuthuvinayagam@gmail.com](mailto:amuthuvinayagam@gmail.com)
- 22.** Dr.D.R.Kamalakaran  
202, Sri Sai Constructions  
Rukminipuri colony  
A.S.Rao nagar  
Hyderabad – 500062  
Andhra Pradesh  
Mobile: 9989100383  
Phone: 040-65440487  
Email: [kamalakaran@gmail.com](mailto:kamalakaran@gmail.com)
- 23.** Beena, A.O  
Lecturer, Dept. of Electronics &  
Communication Engineering,  
college of Engineering, Thalassery  
Kundoormala, Eranholi P.O. Thalassery  
670 107  
Kannur District, Kerala, India  
E-mail: [aobeena@yahoo.co.in](mailto:aobeena@yahoo.co.in)
- 24.** Dr. Arun Bhinde  
Arun H. Bhinde  
Tolani College of Arts & Science  
Near Railway Station,  
ADIPUR (Kutch) Gujarat – 370 205.  
Email: [arun.bhinde@rediffmail.com](mailto:arun.bhinde@rediffmail.com)
- 25.** Mr. Olusola O James  
C/O Dr. Sudip Maity  
Liquid Fuels Section, CIMFR (Digwadih  
Campus),  
Dhanbad – 828108  
JHARKHAND  
Mobile: 09031127204  
E-mail: [jamesoladele2003@yahoo.com](mailto:jamesoladele2003@yahoo.com)
- 26.** Prof. K. Marimuthu  
Guest Faculty,  
C/o Dr. G.S.Selvam,  
Department of Biochemistry,  
Madurai Kamaraj University,  
Madurai – 21.  
Mobile no: 09994277109  
Email: [marimuthu1945@yahoo.co.in](mailto:marimuthu1945@yahoo.co.in)
- 27.** A. Kalidoss  
Dept. of Biotechnology  
J.J. College of Arts and Science  
Pudukkottai-622422  
Mobile: 09842663881  
E-mail: [kalidassgene@gmail.com](mailto:kalidassgene@gmail.com)
- 28.** Basant kumar, IISER Hostel,  
IISER Bhopal, ITI (Gas-  
Rahat) Building,  
Govindpura, Bhopal-462 023  
E-mail: [basant@iiserbhopal.ac.in](mailto:basant@iiserbhopal.ac.in)  
Mobile No- 08989004829
- 29.** Ms. Lopamudra Bhattacharjee  
Research Scholar,  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [lopa22b@gmail.com](mailto:lopa22b@gmail.com)
- 30.** Dr. Ramaranjan Bhattacharjee  
Assistant Professor-I  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [ramaranjanb89@gmail.com](mailto:ramaranjanb89@gmail.com)

- 31.**Mr. Ramesh Sharma  
Assistant Professor-I  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mai: [rammesh1@gmail.com](mailto:rammesh1@gmail.com)
- 32.**Mr. Monoranjan Pandey  
Assistant Professor-Selection Grade  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mai: [mrpandey1@rediffmail.com](mailto:mrpandey1@rediffmail.com)
- 33.**Dr. Tapasi Kotoky  
Assistant Professor-I  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mai: [taposhi\\_k@yahoo.co.in](mailto:taposhi_k@yahoo.co.in)
- 34.**Dr. Mozzam Ali  
Assistant Professor-II  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mai: [mozzam2003@yahoo.co.in](mailto:mozzam2003@yahoo.co.in)
- 35.**Ms. Nitu Bhatnagar  
Research Scholar,  
ICNTAA LAB  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [niturbhatnagar@gmail.com](mailto:niturbhatnagar@gmail.com)
- 36.**Ms. Sangay Doma Bhutia  
Research Scholar,  
Nanonics & Sensor Research Lab  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [sangay.leo@gmail.com](mailto:sangay.leo@gmail.com)
- 37.**Mr. Anoop Gurung  
Research Scholar,  
Nanonics & Sensor Research Lab  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [anantchemistry@gmail.com](mailto:anantchemistry@gmail.com)
- 38.**Ms. Antara Sharma  
Research Scholar  
Nanonics & Sensor Research Lab  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [antara.sharma7@gmail.com](mailto:antara.sharma7@gmail.com)
- 39.**Ms. Snigdha Das  
Research Scholar  
Nanonics & Sensor Research Lab  
Department of Chemistry  
SMIT, Majitar, Rangpo, Sikkim (East)-  
737132  
E-mail: [amlan\\_snigdha@rediffmail.com](mailto:amlan_snigdha@rediffmail.com)
- 40.**Dr. Daya Shankar Gupta  
Home No: 288/B/171 Nath Nagar-II  
Gopalganj-II, Sant Kabir Nagar  
UP-272176  
Phone: 0554752429



**REFRESHER COURSE ON "RECENT ADVANCES IN CHEMICAL SCIENCE & ITS  
TECHNOLOGICAL APPLICATIONS"**

Sponsored by

Indian Academy of Sciences, Bangalore  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India, Allahabad  
8 to 21 December 2010

in

Collaboration with

Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East)-  
737132

---

**LIST OF SPEAKERS/RESOURCE PERSONS**

1. Dr Ghanashyam Bez  
Associate Professor  
Dept of Chemistry  
North Eastern Hill University  
Shillong-793022  
Phone: +91-364 2722624 (O)  
E-mail:  
[ghanashyambez@yahoo.com](mailto:ghanashyambez@yahoo.com)
2. Dr R. K. Poddar  
Professor, Dept of Chemistry  
North Eastern Hill University  
Shillong-793022  
E-mail: [rkpoddar@nehu.ac.in](mailto:rkpoddar@nehu.ac.in)
3. Prof. B.C. Ranu  
Dept. of Organic Chemistry  
IACS, Jadavpur  
Kolkata- 700 032  
E-mail: [ocbcr@iacs.res.in](mailto:ocbcr@iacs.res.in)
4. Prof. Subrata Ghosh  
Dept. of Organic Chemistry  
IACS, Jadavpur  
Kolkata- 700 032  
E-mail: [ocsg@iacs.res.in](mailto:ocsg@iacs.res.in)
5. Prof. Arun Chattopadhyaya  
Dept. of Chemistry  
IIT, Guwahati  
E-mail: [arun@iitg.ernet.in](mailto:arun@iitg.ernet.in)
6. Prof. S.C.Bhattacharyya  
Centre for Surface Science  
Dept. of Physical Chemistry  
Jadavpur University  
E-mail:  
[scbhattacharyya@chemistry.jdvu.ac.in](mailto:scbhattacharyya@chemistry.jdvu.ac.in)
7. Prof. Anil Bhalekar  
Emeritus Scientist, CSIR  
Dept. of Chemistry  
R T M Nagpur University  
E-mail: [anabha@hotmail.com](mailto:anabha@hotmail.com)
8. Prof. Kaushik Das  
Physical Chemistry Section  
Dept. of Chemistry  
Jadavpur University  
Kolkata- 700 032  
E-mail: [kaushik\\_das@vsnl.net](mailto:kaushik_das@vsnl.net)
9. Prof. Pratik Sen  
Physical Chemistry Section  
Dept. of Chemistry  
Jadavpur University  
Kolkata- 700 032  
E-mail: [pksen@chemistry.jdvu.ac.in](mailto:pksen@chemistry.jdvu.ac.in)
10. Prof. Chittaranjan Sinha  
Physical Chemistry Section  
Dept. of Chemistry  
Jadavpur University  
Kolkata- 700 032  
E-mail: [c\\_r\\_sinha@yahoo.com](mailto:c_r_sinha@yahoo.com)

11. Prof. N. Homendra  
Dept. of Chemistry  
Manipur University  
Imphal  
E-mail:  
[naorem.homendra@gmail.com](mailto:naorem.homendra@gmail.com)
  
12. Prof. Sanjib Bagchi  
Visiting Professor  
Dept. of Chemistry  
IISER, Kolkata  
E-mail: [bsanjibb@yahoo.com](mailto:bsanjibb@yahoo.com)  
Mobile: 9434238073/9051241364
  
13. Prof. Bidhan Chandra Roy  
Dept. of Chemistry  
Jadavpur University  
Kolkata- 700 032  
Email: [bcrajjuchem@yahoo.co.in](mailto:bcrajjuchem@yahoo.co.in)  
Mobile: 9433245758
  
14. Mr. Arkendu Chatterjee M.Pharm  
(Pharmaceutics)(LOCAL)  
Dept. of Pharmaceutics.  
Himalayan Pharmacy Institute,  
Majhitar, Rangpo,  
East-Sikkim  
E-mail: [arkendu2001@yahoo.co.in](mailto:arkendu2001@yahoo.co.in)  
Mobile: 09434665841
  
15. Dr. Anirban Misra(LOCAL)  
Dept. of Chemistry  
North Bengal University  
Darjeeling  
E-mail: [anirbanmisra@yahoo.com](mailto:anirbanmisra@yahoo.com)  
Mobile: 9434228745
  
16. Prof. Sanjay Dahal (LOCAL )  
Dept. of Chemistry  
SMIT  
E-mail: [dahal.sanjay@gmail.com](mailto:dahal.sanjay@gmail.com)  
Mobile: 9434865113