

# NATIONAL SEMINAR

On

*Hyphenated Techniques of Chromatography/  
Spectroscopy: A futuristic application in  
all branches of Science and Technology*

**15-16 October 2011**

## REGISTRATION FORM

Name: Prof/Dr/Mr/Mrs/Ms.....

Designation:.....

Address:.....

Age.....

Educational Qualification.....

Telephone: Office:..... Res.....

Mobile:..... Fax:.....

Email.....

DD No..... Bank.....

Accommodation required on Payment Basis Yes/No

Signature of Candidate

Recommendation of Principal / Head of the Institute

**N.B.** The Total number of participant is limited. Those who wish to participate may register their names well in advance. Xerox copy of registration form can be used.

### PATRON

**Dr. G.S. Chauhan**  
Education Officer  
UGC, CRO, Bhopal M.P.

**Dr. (Smt) Agnes Thakur**  
Principal and President  
Organizing Committee

**Dr. A.G. Datar (Advisor) SHIMADZU**  
Tel: 022-26528415, Email: datar@shimadzu.in  
Website: www.shimadzu.com

**Dr. R.C. Maurya**  
HOD. Chemistry  
R.D. University, Jabalpur

**Dr. O.P. Sharma**  
HOD. Chemistry  
Govt. Model Science College, Jabalpur

### CONVENER

**Dr. Arun Kakkar**  
Email: kakkararun@yahoo.co.in  
Mob: 9424927363

**Dr. (Smt) Anjali Bajpai**  
Email: abs\_112@rediffmail.com  
Mob: 7898173205

### ORGANIZING SECRETARY

**Dr. S.N. Shukla**  
Email: sns1963@gmail.com  
Mob: 09424657148

### ORGANIZING COMMITTEE

**Dr. S.K. Shrivastava**  
**Dr. Alok Shukla**  
**Dr. S.K. Bajpai**  
**Dr. D.S. Gupta**  
**Dr. A.K. Bajpai**  
**Dr. R.K. Shrivastava**

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Sponsored by UGC (CRO) Bhopal

Organised by

**Govt. Model Science College**  
(Autonomous), Jabalpur (M.P.)

Center of Excellence for Science Education  
NAAC Reaccredited 'A' Grade  
College with Potential for Excellence, UGC

In Collaboration with



1/3 Rushabh Chambers, Makwana Road,  
Near Marol Fire Bridge, Andheri East Mumbai-400 059

## About College

Government Model Science College, (Autonomous) Jabalpur, the pioneer educational institution of Central India has a glorious history since 1836. The erstwhile 'Robertson College' began Science faculty in the year 1896. Presently it is affiliated to R D University, Jabalpur since 1956. The college acquired status of Model College in 1985, conferment of Autonomy in 1988 and Center of Excellence In Science Education in 2002. NAAC accredited this college with 'A' grade in 2002 & 2011, College With Potential For Excellence status was given by UGC in 2004. Besides PG in 7 subjects, College offers 18 science subjects with 22 combinations in B.Sc. Classes and also BCA. Many of the staff members are actively engaged in research work of high standard.

## About Jabalpur



### A beautiful view of Dhuandhar, Bheraghat

Jabalpur named after the great saint 'Jabali' was termed as 'Sanskardhani' by Acharya Vinoba Bhave. This calm and green city owns the world famous marble rocks at Bheraghat and beautiful water fall at Dhuandhar. The city enjoys a moderate climate with average 28°C (max) to 15°C (min) temperature in the month of October.

## About Shimadzu

Shimadzu is one the leading Manufacturers / Suppliers of Analytical & Scientific Instruments such as Spectroscopy, Chromatography, Physical Testing, Life Sciences & Environmental Monitoring instruments.

Shimadzu Analytical India Pvt. Ltd. is a wholly owned subsidiary of Shimadzu Corporation, Japan. It has been established in April 2006 to reaffirm the commitment towards our customers. Shimadzu provide an extensive range of products, value-added services and customer support.

Shimadzu has been serving the Indian customers since many years through its established network of distributors.

Shimadzu continue to support the success of their customers by using our technology & know-how thereby assuring continued commitment to support our valued customers.

## Scope and Necessity

The year 2011 has been declared as International Year of Chemistry (IYC) by the United Nations. This seminar is our contribution to IYC. The recent advances in the instrumentation for Spectroscopic, Chromatographic and Hyphenated Techniques are proved to be very useful to students, academicians and researchers in their work. However, at the same time its important for all of us to understand the basic principles, learn their correct usage and familiarize themselves with the new applications of these sophisticated Hyphenated techniques. The contents of the seminar have been designed in keeping these aspects in mind. The technical sessions will cover the research papers and reviews on the applications of basic spectroscopic techniques like UV-VIS, IR, Atomic absorption spectroscopy (AAS), chromatographic techniques such as GC and HPLC Hyphenated Techniques like GC-MS, LC-MS & ICPMS etc. The lecture programme will be supported by hand on experience in laboratory sessions on some of these instruments. Experts from academic institutes and the multinational company M/s. Shimadzu will be covering the lecture and lab demonstration sessions.

## Registration Fee

The registration fee for seminar is Rs. 500=00, DD in favour of Principal, Govt. Model Science College, Jabalpur, Payble at Jabalpur should be sent along with registration form.

**Note: Registration fee covers the study materials, meals and snacks.**

Registration form along with DD, should reach on or before 30-09-2011 addressed to :

**Dr. Arun Kakkar or Dr. S.N. Shukla,  
Department of Chemistry,  
Govt. Model Science college, Jabalpur  
Email: kakkararun@yahoo.co.in  
sns1963@gmail.com**

### Abstracts/Paper

Abstracts of original research papers, reviews are invited for presentation on application of UV-VIS, IR, AAS, HPLC, GC, GCMS, LCMS, ICPMS in modern research in soft and hard copies. Full papers can be submitted in the time of seminar in CD. Abstracts in duplicate with not more that 500 words typed in Times New Roman fonts size 12 in 1½ space should be sent along with soft copy. (Last Date for submission of Abstract is 30th September 2011.)

### Accommodations

Outstation participants can avail accommodation on payment basis in Hotel (AC), Guest houses (AC) Hostal @Rs. 2000/-, 750/-, 200/- per day respectively.

Accommodation in institution guest house can be provided to limited number of participants.

Govt. Model Science College, Jabalpur is 2 km away from Railway Station, 5 km from Bus Stand and 13 km from Dumna Airport.