



Kanoria
PG Mahila
Mahavidyalaya
Jaipur

10. National Workshop on Instrumentation Techniques for Research in Chemical Sciences (WITRCS-2017)

Date: 22-12-2017 to 23-12-2017

1. Brochure:

REGISTRATION FORM

Dr./Mr./Mrs.....
Designation.....
Department.....
Title of the Paper/Poster.....
Full Postal Address:.....
Code:.....
- Mail:.....
Mobile Number:.....
I shall take part in the Workshop on
"Instrumentation Techniques for Research in
Chemical Sciences (WITRCS - 2017), scheduled for
December 22 - 23, 2017 at Kanoria P. G. Mahila
Mahavidyalaya, Jaipur. Necessary registration fee
remitted through Crossed Demand Draft No.
..... Dated..... of
..... Bank.
Place..... payable at Jaipur is
attached herewith.
Date:.....

(Signature)
Name in Capital Letters

Address for Correspondence:
Dr. Kumud Tanwar, Convener (WITRCS-2017)
Department of Chemistry, Kanoria PG Mahila
Mahavidyalaya, JLN Marg Jaipur (Rajasthan),
Mobile: 08095942288, 09660990760
Mail-address: witracs2017@gmail.com
Dr. Ashok Kumar Kakodia, Co-convener
Mobile : 09462877572

Instruction for Payment through NEFT you shall require:
beneficiary Name : KANORIA PG MAHILA
MAHAVIDYALAYA, JAIPUR
Account No. : 0247000100153159
Bank Name : Punjab National Bank
Branch Name : Bapu Nagar, Jaipur
IFSCCode : PUNB0024700

Chief Patron
Dr. Rashmi Chaturvedi
Director
Kanoria PG Mahila Mahavidyalaya, Jaipur (Raj.)

Patron
Dr. Mital T. C.
Principal
Kanoria PG Mahila Mahavidyalaya, Jaipur (Raj.)

Convener
Dr. Kumud Tanwar
Kanoria PG Mahila Mahavidyalaya, Jaipur (Raj.)

Co-convener
Dr. Ashok Kumar Kakodia
S. G. G. Government College, Banswara (Raj.)

Organizing Secretaries
Dr. Neera Razdan Dr. Nidhi Gupta Dr. Arti Mishra
Department of Chemistry
Kanoria PG Mahila Mahavidyalaya, Jaipur (Raj.)

Amber Fort

Hawa Mahal

NATIONAL WORKSHOP
On
Instrumentation Techniques
For Research in Chemical Sciences
(WITRCS - 2017)
December 22 - 23, 2017

Sponsored by:

Organized by:
Department of Chemistry
Kanoria P. G. Mahila Mahavidyalaya,
Jaipur (Rajasthan)
Venue: Kanoria P. G. Mahila
Mahavidyalaya, Jaipur



**Kanoria
PG Mahila
Mahavidyalaya
Jaipur**

About the Institution
Kanoria PG Mahila Mahavidyalaya was established in 1965 by Late Bhagirath Kanoria in aesthetic environs at Jawahar Lal Nehru Marg as the first institution of higher education for women through grant-in-aid from the Government of Rajasthan. Sprawling lush green lawns adorned with ornamental trees beautify the campus and make it conducive to learning. A well maintained botanical garden, nursery and the abounding greenery also protect the biodiversity of the area. Infrastructure facilities and amenities in the college add the effective and efficient conduct of all educational programs. The college offers degree programs at the undergraduate and post graduate level in Arts, Commerce and Science. This college has earned a prestigious reputation of harnessing a progressive outlook towards education by introducing new courses at UG and PG level, from time-to-time, skill enhancement and career oriented courses, ICT enabled teaching facilities, outreach activities and discipline. About 6500 students enroll every year in 24 subjects in Science, Arts and Commerce streams for Bachelor's program and 11 Master's programs.

Theme of the Workshop
The workshop on "Instrumentation Techniques for Research in Chemical Sciences (WITRCS-2017)" is focused at the postgraduate students, research scholars, and teaching faculty, to enrich their knowledge on advancements taking place in the arena of various spectroscopic, thermo-analytical, chromatographic, emission & absorption, electro-analytical techniques, and structure determination techniques. Eminent specialists on each one of these techniques will share their knowledge and experience. All are cordially invited to participate and derive the benefit.

Sub-theme*

- Photochemistry
- Green Chemistry
- Environmental Chemistry
- Electrochemistry
- Heterocyclic and Drug Chemistry
- Chemical Kinetics
- Co-ordination Chemistry
- Organo-metallic Chemistry
- Nano Technology
- Phyto Chemistry and Biological Activity

Full papers and abstracts are invited for only poster presentation (Size 3 x 4 feet) on the above sub-themes. Organizers have decided to publish proceedings of the workshop with full papers under ISBN.

Journal for paper:
Font: Times New Roman, Title-14pt bold, Authors name 12pt bold, Text 11pt normal and Reference 10pt normal in ACS style. Figure in black & white, not more than 2.5 inches wide in English only. Full paper not exceeding 4 pages and abstract within 250 words. Abstracts along with full paper must be mailed to [email: witrcs2017@gmail.com](mailto:witrcs2017@gmail.com). Last date of abstracts and full paper submission: 10th December, 2017.

Registration Fee: All the participants are requested to deposit a registration fee of Rs. 1000 per participant, and Research Scholar Rs. 500 per person. Advance in the form of crossed demand draft only drawn in favor of Principal, Kanoria P.G. Mahila Mahavidyalaya, Jaipur on any of the National Bank payable at Jaipur.

Last date of Registration: 18th December, 2017.

Travel Connections to Jaipur: Jaipur is well connected by Air, Rail and Road routes from all directions. Economy Hotel Accommodation @ Jaipur (Note: Delegates are requested to make their own accommodation arrangements directly with the hotels) Climate in the month of December: Maximum - 24°C Minimum - 10°C

Members of Organizing Committee

Dr. Usha Bhana	Mr. Nisha Saini
Dr. Rama Saxena	Ms. Medha Babel
Dr. Ranjola Jain	Ms. Rakshit
Dr. Ranjana Agarwal	Dr. Prachi Nayal
Dr. Jyotsna Jain	Dr. Nidhi Agnihotri
Dr. Sarita Shekawat	Dr. Hemlata Sharma
Dr. Eetu Gupta	Ms. Lakshmi Parwar
Dr. Eetu Jain	Dr. Usha Parwati
Dr. Preeti Sharma	Dr. Sarita Shekawat
Dr. Swati Singh	Dr. Sarita Sharma

National Advisory Committee

Dr. A. K. Tyagi, FRSC, Head, Solid State Chemistry Section, Chemistry Division, Bhabha Atomic Research Center Mumbai
Prof. Anand K. Shah, Vice-Chancellor, Gujarat Vidyapeeth, Ahmedabad
Prof. Anshu Dandia, Former Head, Department of Chemistry, University of Rajasthan, Jaipur
Dr. Atul K. Bhatnagar, BBD Govt. College, Chemsapur, Jaipur
Dr. B. Sreedhar, Senior Principal Scientist, Indian Institute of Chemical Technology (IICT), Hyderabad
Dr. C. P. S. Chandel, Head, Dept. of Chemistry, UOR, Jaipur
Prof. D. C. Deka, Gwalhati University, Gwalhati, Aizawl
Prof. D. I. Brahmabhatt, SF University, Anand, Gujarat
Prof. I. K. Sharma, Dept. of Chemistry, UOR, Jaipur
Prof. K. J. Rao, Emeritus Professor & Ramanna Fellow Indian Institute of Science, Bangalore
Prof. K. S. Rane, Prof. Rani Channamma University, Belgaon, Karnataka
Dr. M. R. R. Prasad, Scientist (Retired), Indian Space Research Organization (ISRO), Dept. of Space, Gov. of India
Dr. M. C. Sharma, Dept. of Chemistry, UOR, Jaipur
Prof. M. P. Dholbhai, Suresh Gyan Vihar University, Jaipur
Prof. N. S. Gajbhiye, Ex- Vice-Chancellor DDU Gorakhpur
Dr. H. S. Gour University, Sagor, Dept. of Chemistry, IIT - Kanpur
Dr. N. Bhojraj, Durgam Govt. College, Bikaner
Dr. Neelima Gupta, Dept. of Chemistry, UOR, Jaipur
Prof. P. S. Verma, Former Head, Dept. of Chemistry, UOR, Jaipur
Prof. Paboo Singh, Former Head, Dept. of Chemistry, UOR, Jaipur
Prof. P. M. S. Chaitan, Central Drug Research Institute, Lucknow
Prof. R. G. Martin, Director, UOC - Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
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Prof. R. K. Bansal, Dept. of Chemistry, IIS University, Jaipur
Prof. R. N. Prasad, JECRC University, Jaipur
Prof. R. N. Yadava, Dr. H. S. Gour University, Sagor (M.P.)
Dr. Raaj Maheshwari, SBPM Govt. College, Nagpur, Rajasthan
Prof. Rajeev Gupta, University of Delhi, Delhi
Prof. Rajeev Jain, Jwaji University, Gwalior
Prof. Rajneesh Dutt Kaushik, Head, Department of Chemistry, Gurukul Kangri University, Haridwar
Dr. S. C. Baghel, Dept. of Chemistry, KMM, Jaipur
Dr. Satpal Singh Bhatnara, Dept. of Chemistry, UOR, Jaipur
Dr. Subhash C. Tripathi, Vice-President, Indian Society of Analytical Scientists, Mumbai
Prof. Vijay K. Agrawal, Head Dept. of Chemistry, A.P.S. University, Rewa, Madhya Pradesh
Prof. Y. C. Bhatt, Former Head, Dept. of Physics, MNTI Jaipur
Dr. Y. C. Joshi, Dept. of Chemistry, UOR, Jaipur
Dr. Y. P. Singh, Former Head, Dept. of Chemistry, UOR, Jaipur

2. List of resource person/guests:

1. Prof. N.S. Gajbhiye, Former VC, Banaras Hindu University, DDU Gorakhpur University & HS Gour University
2. Dr. M.R.R. Prasad, Former Scientist/Engineer-SF, ISRO
3. Dr. B. Sreedhar, Sr. Principal Scientist, IICT, Hyderabad
4. Dr. K. Rakesh Sharma, MS University Baroda
5. Prof. K. Shanta, St. Joseph's College, Kurnool, AP
6. Prof. D.I. Brahmabhatt, Sardar Patel University, Gujarat
7. Dr. Priyanka Sen, CBST, VIT Vellore
8. Dr. Arun Kumar, SABIC Technology Centre, Bangalore
9. Dr. Kalawati Saini, University of Delhi



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Mahavidyalaya
Jaipur**


3. Geotagged photograph of the event:



 26.88635, 75.81223

Inaugural Ceremony of National Conference



 26.88635, 75.81223

Keynote address during National Conference

Summary Report on the workshop titled
“Instrumentation Techniques for Research in Chemical Sciences”
held during December 22-23, 2017 at Kanoria P. G. Mahila Mahavidyalaya, Jaipur

A two days' workshop on “Instrumentation Techniques for Research in Chemical Sciences” was organized at the Kanoria P. G. Mahila Mahavidyalaya, Jaipur on December 22-23, 2017 which was jointly sponsorship by the Department of Science & Technology, Government of Rajasthan; and Association of Chemistry Teachers (ACT), Mumbai. Prof. (Dr.) N. S. Gajbhiye, former Vice-Chancellor of Banaras Hindu University, Varanasi; DDU Gorakhpur University, Gorakhpur; and H. S. Gour University, Sagar was the Chief Guest on this occasion. Dr. M. R. R. Prasad, Scientist/Engineer – SF (Retired), ISRO, Department of Space, Government of India, delivered the Keynote Lecture.

The event began with prayer to the almighty followed by lighting of the lamp by all the dignitaries present on the dais. As a part of environmental conservation program, Prof. N. S. Gajbhiye and Dr. M. R. R. Prasad planted tree samplings in the campus of this institution.

Dr. (Mrs.) P. C. Mini, Principal of Kanoria P. G. Mahila Mahavidyalaya gave the welcome address. Dr. (Mrs.) Kumud Tanwar, the Organizing-Secretary elaborated on the theme of the workshop. The workshop proceedings were released by the Chief Guest, Prof. N. S. Gajbhiye in the presence of other dignitaries present on the dais.

Prof. Gajbhiye enlightened the audience on the historical progress and spectrum of various instrumentation techniques and their significance in scientific research and utility in offering solutions to the industrial and societal problems. The Guest of Honor, Dr. Ashok Kumar Nagawat, Dean of Sciences, Rajasthan University, Jaipur enumerated the inter disciplinary nature of scientific and technological developments across the globe, and the important role played by these analytical tools. Dr. Neeru Razdan, the Organizing Secretary of the workshop presented the schedule of planned for these two days. Towards the concluding part, Dr. Ashok Kumar Kakodia, the Co-Convener of this workshop presented vote of thanks.

More than 300 delegates consisting of Undergraduate, Postgraduate students, teaching faculty from different colleges across the country have taken part in this program.

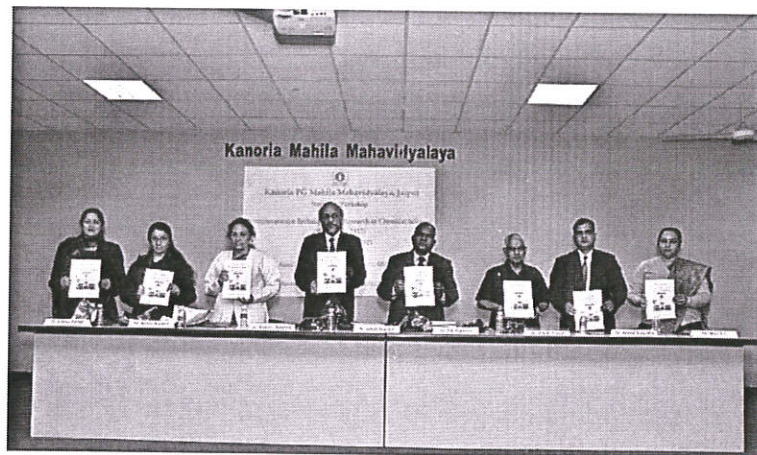


Inaugural Function of the Workshop

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JAIPUR



Inauguration of the Workshop

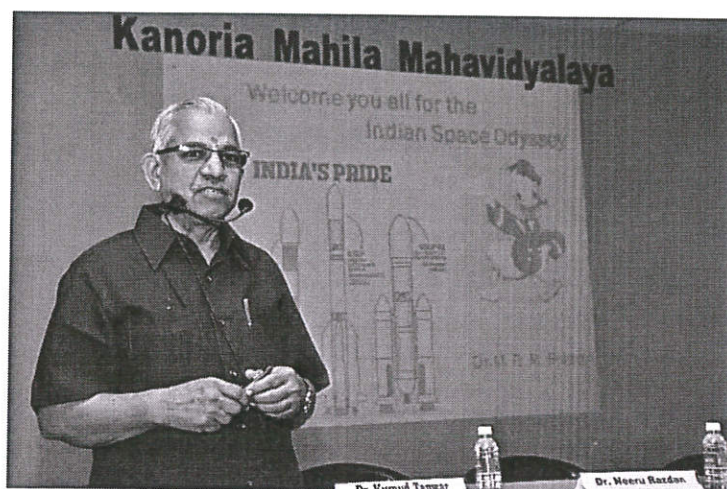


Release of Workshop Proceedings



Talk by the Chief Guest – Prof. N. S. Gajbhiye

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Keynote Lecture by Dr. M. R. R. Prasad



Panorama of the Participants



Invited Speakers with the Faculty Members of Kanoria PG Mahila Mahavidyalaya, Jaipur

The following Life Members of ACT gave invited talks on this occasion:

- Dr. B. Sreedhar, sr. Principal Scientist, IICT, Hyderabad gave two invited talks on "Surface analysis Perspective by X-Ray Photoelectron Spectroscopy," and "Electron Paramagnetic resonance Spectroscopy".

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- Dr. M. R. R. Prasad gave a talk on “Thermo-Analytical Techniques”.
- Dr. K. Rakesh Sharma of Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, talked on “FTIR Spectroscopy”.
- Prof. Dr. (Mrs.) K. Shanta, St. Joseph’s College, Kurnool, Andhra Pradesh delivered a talk on “Electro-Analytical Techniques”.

Besides these, the following additional speakers delivered invited talks:

- Prof. Dr. D. I. Brahmabhatt, Sardar Patel University, Vallabh Vidyanagar, Gujarat talked on “2-D NMR Spectroscopy and its Applications”.
- Dr. Priyankar Sen, CBST, VIT, Vellore, Tamil Nadu, delivered a talk on “Fluorescence Spectroscopy”.
- Dr. Arun Kumar of SABIC Technology Centre, Bangalore, Karnataka, delivered a talk on “Applications of advanced GC – MS and LC – MS Techniques”.
- Dr. (Mrs.) Kalawati Saini, University of Delhi, delivered a talk on “Chemistry of Nano-structured Materials: Fundamentals to Recent Advances”.

In addition to the invited talks in the workshop, a parallel poster session was held on December 22, 2017 involving student community wherein 100 poster presentations were done. These posters were judged by a team of professors and three best poster presentations were selected for awards based on their quality of presentation and defending by the presenter. A first-prize of Rs.1, 000/-; a second-prize of Rs. 600/-; and a third-prize of Rs. 400/- were presented to the winners.

Dr. D. I. Bharmabhatt (Chief Guest), Dr. M. C. Sharma, Controller of Examinations, Rajasthan University (Guest of Honor); and Shri G. C. Rai, Ex-IGP (Special Guest) decorated the dais in the valedictory function. Dr. Ashok Kumar Kakodia, the Co-Convener of the workshop, presented the Vote of Thanks.

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