

Hislop College, Nagpur
(A Heritage Status Institution)

In Academic Association with
IGNOU Regional Centre, Nagpur

**One Day National Conference
on
INDIAN HERITAGE IN CHEMISTRY
(IHC 2018)**

27th March 2018

Hislop College, Nagpur



Sponsored by
University Grants Commission

Hislop College, Nagpur

Hislop College is not just an institution but a byword for excellence, a synonym for quality, and a signature of the best in higher education. Hislop College, backed by its liberal and proactive management the "Hislop Education Society", is one of the premier institutions of Higher education in Central India with a history of 135 yrs. Founded by Rev. Stephen Hislop in 1883, college is now recognised as a hub of academic and research excellence. It caters to all the three streams with 12 Postgraduate Programmes and 9 recognised Research Centres. It is the first institution to be recognised by RTM Nagpur University as a "Place of Higher Learning and Research". Hislop College is the proud recipient of "**Heritage Status Grant**" by the University Grants Commission, New Delhi, besides re-accredited by NAAC with 'A' grade. It also enjoys the coveted status of an "Ideal Institution" conferred by RTM Nagpur University.

About the PG & Research Department of Chemistry

The PG Department of Chemistry of Hislop College was the first department to be affiliated amongst the private colleges under Nagpur University in the year 1997. Dr. Ira Nimdeokar Research Centre for Chemistry started in the year 2007 and is the first centre to be recognised by RTM Nagpur University as "Place of Higher Learning and Research". This centre was set up with a financial assistance by Dr. N.M.Nimdeokar in memory of his late wife Dr. Mrs. Ira N. Nimdeokar. This Centre offers research programme leading to Doctoral (PhD) Degree in Chemistry. Till date, seventeen students have been awarded PhD degree by RTM Nagpur University. PG Department of Chemistry of Hislop College offers Post Graduate Diploma in Analytical Chemistry (PGDAC) approved by IGNOU and Career Oriented Certificate Course in "Analysis of Ores, Minerals, Alloys and other Materials (AOMAOM)" is also been offered by the department.

Indira Gandhi National Open University (IGNOU), New Delhi

The Indira Gandhi National Open University (IGNOU), established by an Act of Parliament in 1985, has continuously striven to build an inclusive knowledge society through inclusive education. It is trying to increase the Gross Enrollment Ratio (GER) by offering high-quality teaching through the Open and Distance Learning (ODL) mode.

The University began by offering two academic programmes in 1987, i.e., Diploma in Management and Diploma in Distance Education, with strength of 4,528 students.

Today, it serves the educational aspirations of over 3 million students in India and other countries through 21 Schools of Studies and a network of 67 regional centres, around 2,667 learner support centres and several overseas partner institutions. The University offers about 228 certificate, diploma, degree and doctoral programmes, with strength of nearly 785 faculty members at the Head Quarters and Regional Centres and about 58,400 Academic Counsellors from conventional institutions of higher learning, professional organisations, and industry among others.

IGNOU Nagpur Regional Centre

It started functioning from 2008-2009 with 14 Districts of Eastern Maharashtra (all 11 Districts of Vidarbha and 3 Districts of Marathwada) under its jurisdiction. Since inception this Regional Centre is focussing on “Reaching the Unreached” sections of the Society and making targeted efforts. The target groups include Tribals of Gadchiroli, Prisoners, Commercial Sex Workers, Transgenders, Rural women and many others. In order to acquaint the people with the concept of Distance Education and flexibility in the Open University System “GYANDHARA” Awareness Meetings are held at the respective places of these disadvantaged groups like interior tribal villages, village Panchayat offices, Jail Premises etc. As a result of consistent efforts, the cumulative enrollment of prisoners is more than 1,000 and the Tribals from Gadchiroli crossed 1200.

The Science Programmes of IGNOU are also attracting large number of students with more than 2500 cumulative enrolment under Nagpur Region. Their Compulsory Lab Sessions are held at Institute of Science and Hislop College, Nagpur. To provide the students varied learning experiences, this Regional Centre has been organising various Conferences in collaboration with Royal Society of Chemistry (London), Indian Science Congress Association, TReNDYS etc. Present Conference is another forward step in this direction.

THEME

Ancient India was a land of sages, saints and seers as well as a land of scholars and scientists. Ancient India's development in chemistry was not confined at an abstract level, but found development in a variety of practical activities. In any early civilization, metallurgy has remained an activity central to all civilizations from the Bronze Age and the Iron Age, to all other civilizations that followed. Buddhist Philosopher and alchemist Nagarjuna was said to have prescribed the method of transforming iron or base metals into gold. By the side of QutubMinar, a World heritage site, in Delhi, stands an Iron Pillar. It has been standing in the open for last 1500 years, withstanding the wind, heat and weather, but still has not rusted, except for very minor natural erosion. Paintings found on walls of Ajanta and Ellora (both World heritage sites) which look fresh even after 1000 years, also testify to the high level of chemical science achieved in ancient India. From ancient times, Indian philosophers believed that except ether or space, all other elements were physically palpable and hence comprised of small and minuscule particles of matter. They believed that the smallest particle which could not be subdivided further was paramanu and this was a concept at an abstract level which indicated the possibility of splitting atom, which is now the source of atomic energy.

Ancient India was a treasure store of knowledge and was brought into daily usage in an encapsulated form. Like the daily usage of turmeric powder by common man and the antibacterial properties of turmeric are patented now globally. Similarly Earth is always referred as Bhoo Gola “भूगोल” in all ancient scriptures but it was reported as proved by Columbus that earth is spherical. Several specialised books on scientific advances of Ancient India are available.

This conference will cater to the essence of ever greenness of Indian heritage in Chemistry and will decode the scientific approach practiced in ancient India. It will also be a congruence of Ancient Indian Chemistry knowledge with Modern Chemistry knowledge.

Objectives of the Conference

'Indian Heritage in Chemistry(IHC 2018)' has been designed with following broad objectives:

- To provide an excellent opportunity to researchers and academicians for presenting Indian Heritage in Chemistry and critical debate with respect to applications of ancient chemistry with modern techniques.
- To study the synchronisation of chemistry and other sciences with respect to ancient scientific approach.
- To extrapolate the ancient techniques into modern remedial medicinal techniques.
- To generate awareness among the common man regarding the utility of ancient Ayurveda medication.
- To impart training with regard to scientific conservation works.

Thrust Areas of the Conference

- Agricultural Chemistry
- Food Chemistry
- Medicinal Chemistry
- Biochemistry
- Medical Science
- Fine Arts
- Civil Engineering & Architecture
- Chemical Technology
- Mechanical & Production Technology
- Archaeology
- Material Science and Metallurgy
- Plant Biotechnology
- Ethnomedicine
- Environmental Science

Call for Abstracts (Oral/Poster Presentations)

Interested Participants should send an abstract through email attachment to **ncihc2018@gmail.com** . The abstract should not exceed 200 words. The title should be completely capitalised (14pts centre aligned in bold), name of the author presenting the paper should be underlined with address and email ID. Text should be in MS-Word Times New Roman 12 Pts with single line spacing on an A-4 sized page. Selected papers will be scrutinized by subject experts and the approved papers will be published in the proceedings of the conference or in the next issue of Hislopia Journal (ISSN 0976-2124).

All Poster should be 2 feet by 2.5 feet in portrait layout. The two best posters and oral presentations will be selected by a committee of experts and awarded.

Important Dates

Abstract Submission Last Date	:	5 th March 2018
Confirmation of Acceptance	:	10 th March 2018
Registration Last Date	:	15 th March 2018

Registration

Duly filled registration form along with registration fees should be sent to the Organising Secretary. Payment should be made through NEFT/RTGS/D.D/ Crossed Cheque in favour of '**Convener IHC 2018**' on details given below:

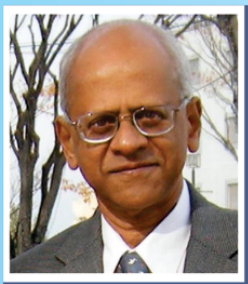
Name of Bank	Indian Overseas Bank, Ramdaspath, Nagpur
Account No	030201000013280
IFSC	IOBA0000302
MICR	440020002

Category of Delegates	:	Fees
Academia/Industry	:	600/-
Research Scholars/ Students	:	400/-
Late Registration fees (after 15 th March 2018)	:	700/-
(for both Categories)		

Registration fees include Conference kit, High Tea and Lunch.

Nagarjuna Chakrapani Ayurveda
Patanjali Rasaratnasamuchchaya
Vrinda Rasarnava Vagbhata

Eminent Speakers :



Prof. Gautam R. Desiraju
Indian Institute of Science,
Bangalore.



Shri Mukul Kanitkar
Bharatiya Shikshan Mandal,
Nagpur.

Contact Details

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Principal,
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Nagpur.

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FRSC
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IGNOU Regional Centre,
Nagpur.

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Indian Heritage in Chemistry (IHC 2018)
27th March 2018



Organised by
PG and Research Department of Chemistry
Hislop College, Nagpur & IGNOU Regional Centre, Nagpur

Registration Form

Name of the Participant (Capital Letter): _____

Name of the Institute/ College with address _____

_____ Designation _____

Mobile No. _____ Email Id _____

Mode of Payment (Cash/NEFT/RTGS/Crossed Cheque/DD) _____

Details of Payment:

RTGS/NEFT Ref. No _____

DD Number/ Cheque no with Bank name: _____

Title of Abstract/ Research Paper _____

Oral Presentation/Poster Presentation _____

Date:

Place :

Signature

1. Account details for RTGS/NEFT

Name of Bank: **Indian Overseas Bank, Ramdaspeth, Nagpur**
Account No : **030201000013280**
IFSC : **IOBA0000302**
MICR : **440020002**

2. D.D./Crossed Cheque should be drawn in favour of '**Convener IHC 2018**'

3. All communications are to be addressed to:

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