

5<sup>th</sup> International Science Congress  
ISC-2015

Organized by **International Science Congress Association**  
Focal Theme

Diverse Resources: Solutions and Advancements

8<sup>th</sup> & 9<sup>th</sup> December, 2015

Venue

**Tribhuvan University**  
Kirtipur, Kathmandu, NEPAL

Photo

**Registration Form**

Name \_\_\_\_\_

Gender: Male  Female

Designation \_\_\_\_\_

Name of Organisation \_\_\_\_\_

Address for Correspondence \_\_\_\_\_

Country \_\_\_\_\_

Phone(R/O) \_\_\_\_\_ (Mob) \_\_\_\_\_

E-mail \_\_\_\_\_

Status of Participant: Delegate / Research Scholar / Student / Spouse / Other \_\_\_\_\_

Please tick: Oral  Poster

• I intend to attend the conference and present a paper

Name of Section \_\_\_\_\_

(Please refer sections in the Brochure or at the website)

• I intend to attend the conference but will not present paper

**Details of payment for Registration Fee**

Electronic / Wire Money Transfer through bank / NEFT / RTGS / PayPal/  
Western Union/Cash/Cheque/Demand Draft.

No./ID \_\_\_\_\_ Dated \_\_\_\_\_

Amount `/NC/\$/€ \_\_\_\_\_ Banker's Name \_\_\_\_\_

ISCA Fellow Members are exempted from the registration fees.

Please write your ISCA Fellow Membership No. \_\_\_\_\_

**Accommodation**

Accommodation: Yes/No, Tour: Yes/No

(please visit ISCA website for details on accommodation & tour)

Place \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Note: Please send completed form at Krishnaashraya, 427, Palhar Nagar,  
RAPTC, VIP-Road, Indore-452005, MP, INDIA.

Organizing Committee

**Prof. Dr. Hira Bahadur Maharjan, Chief Patron**

Vice-Chancellor, Tribhuvan University, Kirtipur, Kathmandu, Nepal

**Prof. Dr. Ishwar Chandra Dutta, Patron**

Chairman, Tribhuvan University Service Commission, TU, Kathmandu, Nepal

**Prof. Guna Nidhi Nyaupane, Patron**

Rector, Tribhuvan University, Kirtipur, Kathmandu, Nepal

**Prof. Dr. Dev Raj Adhikari, Patron**

For Registrar, Tribhuvan University, Kirtipur, Kathmandu, Nepal

**Prof. Dr. Kedar Nath Ghimire, Patron**

Member, Tribhuvan University Service Commission, TU, Kathmandu, Nepal

**Dr. Deba Bahadur Khadka, President**

Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal  
& President, Nepal Chemical Society, Kathmandu, Nepal

**Dr. Megh Raj Pokhrel, Convenor**

Professor & Head, Central Department of Chemistry, TU, Kathmandu, Nepal

**Dr. Amar Prasad Yadav, Organizing Secretary**

General Secretary, Nepal Chemical Society, Kathmandu, Nepal

Core Members

**Prof. Dr. Chintamani Pokhrel**

Dean, Faculty of Humanities and Social Sciences, TU, Kathmandu, Nepal

**Prof. Dr. Ram Prasad Chaudhary**

Executive Director, Research Centre for Applied Sci. & Tech., TU, Kathmandu, Nepal

**Dr. Bal Mukunda Bhandari**

Executive Director, Centre for International Relations, TU, Kathmandu, Nepal

**Prof. Dr. Govinda Subedi,**

Principal, Central Campus, Tribhuvan University, Kirtipur, Kathmandu, Nepal

**Prof. Dr. Shiva Sharan Maharjan**

Head, Central Department of Education, TU, Kathmandu, Nepal

**Prof. Dr. Binil Aryal**

Head, Central Department of Physics, TU, Kathmandu, Nepal

Advisory Board

**Prof. Dr. Mohan B. Gewali**

Dean, School of Sciences, Kathmandu University, Dhulikhel, Kavre, Nepal

**Prof. Dr. Pramod Kumar Jha**

Head, Central Department of Botany, TU, Kathmandu, Nepal

Apex Committee

**Prof. Swapan Kumar Chakrabarti**

Department of Physics, M.M.A.M. Campus, Biratnagar, TU, Nepal

**Prof. Rajeshwar Man Shrestha**

Dept. of Sci. and Hum., Inst. of Engg., Pulchowk Campus, Lalitpur, Nepal

**Prof. Khem Narayan Poudyal**

Dept. of Sci. and Hum., Inst. of Engg., Pulchowk Campus, Lalitpur, Nepal

**Prof. Ram Kumar Sharma**

Dept. of Sci. and Hum., Inst. of Engg., Pulchowk Campus, Lalitpur, Nepal

**Prof. Sahira Joshi**

Dept. of Sci. and Hum., Inst. of Engg., Pulchowk Campus, Lalitpur, Nepal

**Prof. Manoj Kumar Thapa**

Dept. of Sci. and Hum., Inst. of Engg., Pulchowk Campus, Lalitpur, Nepal

Conference Director

**Prof. Dipak Sharma**

Maharaja Ranjit Singh College of Professional Sciences, Indore, MP, India

II MARUTI II

5<sup>th</sup> International Science Congress

ISC-2015

Focal Theme

Diverse Resources: Solutions and Advancements



8<sup>th</sup> & 9<sup>th</sup> December, 2015

Organized by

**International Science Congress Association**

under the auspices of

**Nepal Chemical Society**

and

**Central Department of Chemistry,  
Tribhuvan University, Kathmandu, Nepal**

[www.isca.in](http://www.isca.in)  
[www.isca.net.co](http://www.isca.net.co)  
[www.isca.co.in](http://www.isca.co.in)  
[www.isca.net.in](http://www.isca.net.in)  
[www.isca.me](http://www.isca.me)

Venue

**Tribhuvan University**

KIRTIPUR, KATHMANDU, NEPAL

**International Science Congress Association**

ISCA International Peer Reviewed Journals

[www.isca.in](http://www.isca.in)

- ◆ Research Journal of Recent Sciences
- ◆ Research Journal of Chemical Sciences
- ◆ International Research Journal of Biological Sciences
- ◆ Research Journal of Engineering Sciences
- ◆ International Research Journal of Social Sciences
- ◆ Research Journal of Management Sciences
- ◆ International Research Journal of Environmental Sciences
- ◆ International Research Journal of Earth Sciences
- ◆ Research Journal of Pharmaceutical Sciences
- ◆ Research Journal of Agriculture and Forestry Sciences
- ◆ Research Journal of Material Sciences
- ◆ Research Journal of Mathematical and Statistical Sciences
- ◆ International Research Journal of Medical Sciences
- ◆ Research Journal of Physical Sciences
- ◆ Research Journal of Physical Education Sciences
- ◆ Research Journal of Marine Sciences
- ◆ Research Journal of Educational Sciences
- ◆ Research Journal of Library Sciences
- ◆ Research Journal of Language, Literature and Humanities
- ◆ Research Journal of Animal, Veterinary and Fishery Sciences
- ◆ Research Journal of Computer and Information Technology Sciences
- ◆ Research Journal of Family, Community and Consumer Sciences

ISCA International E-Publication

[www.isca.co.in](http://www.isca.co.in)

Publish Theses, Dissertation, Projects, Books, Souvenir, Case Study,  
Conference Proceedings, Essay, Information Bulletin with ISBN.

ISCA International E-Bulletin

[www.isca.net.in](http://www.isca.net.in)

Send your information/news related with Academics and Research.

ISCA International Awards

[www.isca.in](http://www.isca.in)

- ◆ International Life Time Achievement Dr. N. C. Jain Award- Research
- ◆ International Life Time Achievement Dr. Anjani Phadnis Award- Teaching
- ◆ International Best Researcher Award
- ◆ International Best Teacher Award
- ◆ International Best Research Supervisor Award
- ◆ International Best Research Scholar Award
- ◆ International Highest Publication Award
- ◆ International Highest Cited Paper Award
- ◆ International Highest Published Books Award
- ◆ International Women Empowerment Award

ISCA International Conference

[www.isca.net.co](http://www.isca.net.co)

- ◆ 6<sup>th</sup> International Science Congress (ISC-2016), 8<sup>th</sup> & 9<sup>th</sup> December 2016,  
Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune, Maharashtra, India
- ◆ 3<sup>rd</sup> International Virtual Congress (IVC-2016) & Workshop on  
Environmental Studies, 5<sup>th</sup> - 10<sup>th</sup> April 2016, online conference &  
Workshop.
- ◆ 2<sup>nd</sup> International Young Scientist Congress (IYSC-2016) & Workshop  
on Scientific Writing, 8<sup>th</sup> & 9<sup>th</sup> August 2016, India

## ISCA International Science Congress Association

The International Science Congress Association was formed with the following objectives:

- ◆ To advance and promote the cause of science at International Level.
- ◆ To publish Proceedings and Journals at International level.
- ◆ To organize an annual congress to bring worldwide intellectual people on a common platform.
- ◆ To explore the scientific efforts from all over the globe and appreciate them.
- ◆ To provide an expert publishing service to the scientific community.

## ISC 5<sup>th</sup> International Science Congress

We invite you to 5<sup>th</sup> International Science Congress (ISC-2015) being organized by International Science Congress Association under the auspices of Nepal Chemical Society and Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal from 8<sup>th</sup> and 9<sup>th</sup> December 2015 at Tribhuvan University, Kathmandu, Nepal.

**Focal theme: Diverse Resources: Solutions and Advancements**

Mother Earth is bestowed with diverse resources. Most of the resources are limited and hence it is the responsibility of human beings to use and maintain them effectively and extract the best out of it. Human being the superior race is responsible to develop alternative means for sustainable development of civilization to cope up with depleting nonrenewable resources.

## ISC Sections

There are twenty sections namely:

1. Agriculture and Forestry Sciences
2. Animal, Veterinary and Fishery Sciences
3. Biological Sciences
4. Chemical Sciences
5. Computer and Information Technology Sciences
6. Earth and Geological Sciences
7. Engineering Sciences
8. Environmental Sciences
9. Forensic and Medical Sciences
10. Family, Community and Consumer Sciences
11. Material Sciences
12. Mathematical and Statistical Sciences
13. Pharmaceutical Sciences
14. Physical Sciences
15. Physical Education and Sports Sciences
16. Educational Sciences
17. Commerce, Law and Management
18. Library Sciences
19. Language and Literature
20. Social and Humanity Sciences: Researches in the field of Economics, Political Science, Geography, Drawing, Music, Dance, Philosophy, History, Journalism and role of Media, NGOs and their role.

## ISC Submission of Abstracts

The abstracts of your research work are invited for presentation in ISC-2015. Abstract should not be more than 200 words containing title, name of authors, affiliation/Institution's name, email id, mobile no. followed by content / text and keywords.

The author (s) should indicate their preference for oral or poster presentation along with the name of section to which their work belongs in capital bold letters at the top of the abstract.

The abstracts will be published in ISC-2015 souvenir only when one of the authors gets registered for the conference.

**Abstracts should be submitted before**

**15<sup>th</sup> November 2015 - Print Souvenir with ISBN 978-93-84648-44-2**

**5<sup>th</sup> December 2015 - E-Souvenir with ISBN 978-93-84648-43-5**

**Email: iscaconference@isca.net.co, iscaconference@gmail.com**

## ISC Publication of Papers

Full length research papers/review papers submitted latest by 30<sup>th</sup> November 2015 by e-mail [iscaconference@isca.net.co](mailto:iscaconference@isca.net.co) and presented by author in the conference can be considered for publication (on request) in special issue of ISCA international peer reviewed journal "Research Journal of Recent Sciences" (ISSN 2277-2502) only after approval from ISCA editorial board and reviewers. Please see instructions to authors and details at [www.isca.in](http://www.isca.in)

## ISC International Awards

**ISCA Young Scientist Award**

- ◆ International Young Scientist Award - For Best Oral Presentation
- ◆ International Young Scientist Award - For Best Poster Presentation

**ISCA Best Presentation Award**

- ◆ International Best Oral Presentation Award
- ◆ International Best Poster Presentation Award

\*Guidelines/instructions/rules and regulations can be seen at [www.isca.net.co](http://www.isca.net.co)

## ISC Highlights

For detailed information regarding Committees, Events, Programme Schedule, Sectional Programme, Registration, Paper Presentation, Name and Receipt No., Abstract and Paper Received, General instruction, Important Dates, How to reach, Venue, Local Transportation, Accommodation, Tour and Travels, Visa, News, Sponsorship, Awards etc. please visit: [www.isca.net.co](http://www.isca.net.co).

## ISC Book Release Function

If you wish to release your book in inaugural / valedictory ceremony of the conference; please contact the Conference Director.

## ISC Kathmandu

Kathmandu, the largest city of Nepal, is the political as well as cultural capital of the country. Kathmandu is a city where ancient traditions rub shoulders with the latest technological advances. However, it is the grandeur of the past that enchants the visitor whose gaze may linger on an exquisitely carved wooden window frame, on 18<sup>th</sup> century bronze sculpture or the spiritually uplifting stupas. Like any big city, Kathmandu has seen rapid expansion in the last decade, but despite the hustle and bustle so typical of metropolitan cities, its people remain as refreshingly friendly as ever. Retaining its ancient traditions, Kathmandu is blessed by a Living Goddess and is enriched by endless ceremonial processions and events that take to the streets every now and then with throngs of devotees seeking blessings. These religious festivals are steeped in legend and are quite a spectacle with chariot processions and masked dancers often possessed by the spirits of deities.

## ISC Tribhuvan University and NCS

Tribhuvan University (TU) is the first national institution of higher education in Nepal. There are 1053 affiliated colleges, 38 central departments and 4 research centres in TU, and out of them 31 departments and 3 research centres are located at Kirtipur. The university at Kirtipur is spread over an area of 154.77 hectares. In the session 2014-2015 4,05,341 students have been enrolled at various levels of TU academic programmes. Tribhuvan University is a non-profit making autonomous institution funded by the Government of Nepal.

Nepal Chemical Society (NCS), established in 1979 is a national voluntary non-profit association of all the chemistry professionals of Nepal. At present, it has over 1000 members from different universities, colleges, research institutions, chemical industries and government organizations. The society is dedicated to contribute for the overall progress and prosperity of the nation by promoting the research activities and capabilities as well as the quality of chemical education of the country. The NCS is equally devoted to strengthen the ties among chemists and chemical technologists working in different academic and research institutions, industries and government bodies to enhance their overall well-being.

## ISC Conference Tour

**Tour-I: 7<sup>th</sup> to 15<sup>th</sup> December 2015 (8 Days and 8 Nights)**

Gorakhpur- Sunauli (India) – Bhairwa (Nepal) - Kathmandu- Manakamna - Pokhara - Lumbini – Sunauli (India)- Gorakhpur

**Tour-II: 7<sup>th</sup> to 14<sup>th</sup> December 2015 (8 Days and 7 Nights)**

Gorakhpur- Sunauli (India) – Bhairwa (Nepal) - Kathmandu- Manakamna - Pokhara- Kathmandu

**Tour III: 8<sup>th</sup> to 11<sup>th</sup> December 2015 (4 Days and 3 Nights)**

Kathmandu

**Tour IV: 8<sup>th</sup> to 15<sup>th</sup> December 2015 (7 Days and 7 Nights)**

Kathmandu- Manakamna - Pokhara- Lumbini- Sunauli (India)- Gorakhpur

For Details : [www.isca.net.co/tours.php](http://www.isca.net.co/tours.php)

## ISC Correspondence Address

**Prof. Dr. Dipak Sharma**  
**Director, ISC-2015**

Krishnaashraya, 427, Palhar Nagar, RAPTC, VIP-Road,  
Indore-452005, MP, INDIA

Phone: 91-731-2616100, Mobile: 91-9302232884

[dipaksharma07@yahoo.com](mailto:dipaksharma07@yahoo.com), [iscaconference@isca.net.co](mailto:iscaconference@isca.net.co)

## ISC Registration

**Registration Fee includes**

- ◆ Participation in inaugural and valedictory ceremony.
- ◆ Attendance to ISC sectional programmes.
- ◆ Breakfast, Lunch and Coffee / Tea on conference days.
- ◆ Conference package, Bag and Proceedings (not for spouse/others).

**Exemption from Registration Fee**

Registration fee is completely waived off for the ISCA Fellow Members. Please visit the ISCA website [www.isca.net.co](http://www.isca.net.co) for ISCA Fellow Membership.

**Mode of Payment**

By Electronic/Wire money transfer / RTGS / NEFT / Cheques / Cash / DD / Western Union / Pay Pal ([dipaksharma07@yahoo.com](mailto:dipaksharma07@yahoo.com)) / Money Gram in favour of "International Science Congress Association" payable at Indore, MP, India

**Bank details:**

**Bank Name: State Bank of India**

**Bank Account Name: International Science Congress Association**

**Bank Account No: 31865915572**

**Bank Branch Name: Indore City Branch,**

**Bank Branch Code: 0388,**

**Bank IFSC Code: SBIN000388,**

**SWIFT Code: SBININBB267 (For Foreign)**

**Bank Branch Address: Itwariya Bazar, Hukumchand Marg,**

**Indore-2, MP, India**

## ISC Registration Fee

**Before June 1<sup>st</sup>, 2015**

	Napalese	Indian`	SAARC\$	Foreign\$
Delegates	2750/-	3250/-	45	100
Research Scholar/ Students	2250/-	2250/-	35	80
Spouse/Others	2050/-	2050/-	30	50

**From June 1<sup>st</sup>, 2015 to July 31<sup>st</sup>, 2015**

Delegates	3050/-	3550/-	50	150
Research Scholar/ Students	2550/-	2550/-	40	100
Spouse/Others	2050/-	2050/-	35	80

**From August 1<sup>st</sup>, 2015 to September 30<sup>th</sup>, 2015**

Delegates	3250/-	3750/-	55	200
Research Scholar/ Students	2750/-	2850/-	45	150
Spouse/Others	2050/-	2050/-	35	80

**From October 1<sup>st</sup>, 2015 to November 30<sup>th</sup>, 2015**

Delegates	3550/-	4050/-	60	250
Research Scholar/ Students	3050/-	3050/-	50	200
Spouse/Others	2050/-	2050/-	35	80

**From December 1<sup>st</sup>, 2015 to December 7<sup>th</sup>, 2015**

Delegates	3750/-	4250/-	65	300
Research Scholar/ Students	3550/-	3250/-	55	250
Spouse/Others	2250/-	2250/-	40	100

**From December 8<sup>th</sup>, 2015 to December 9<sup>th</sup>, 2015**

Delegates	4050/-	4500/-	70	350
Research Scholar/ Students	3750/-	3500/-	60	300