

UGC-SPONSORED NATIONAL SEMINAR

ON

GROUND WATER CONTAMINATION, ITS
CHALLENGES TO HUMAN HEALTH AND
MITIGATION MEASURES

9th & 10th December, 2011

ANNOUNCEMENT AND CALL FOR PAPER



Organized By

DEPARTMENT OF CHEMISTRY
Lakhimpur Girls' College
Khelmati, North Lakhimpur,
Assam-787031

In collaboration with
Lakhimpur Seva Sadan, North Lakhimpur



Dr. M. Pandit
President

Mr. Mridul Buragohain
Convenor

Website: www.lgcollege.org



INVITATION

The organizing committee of Lakhimpur Girls' College cordially invites all faculty members, research scholars to attend the seminar and to present papers on any of the sub themes.

ABOUT THE SEMINAR

The year 2011 has been officially declared as "International Year of Chemistry" by UNESCO and IUPAC. To celebrate the year, the Department of Chemistry, Lakhimpur Girls' College is going to organize a UGC-Sponsored National Seminar in the field of **Ground water contamination, its challenges to human health and mitigation measures.**

SUBTHEMES OF THE SEMINAR

The following sub themes would be covered:-

1. Groundwater Crisis
2. Geomorphology and Groundwater contamination
3. Heavy metal groundwater contamination in N.E. India
4. Groundwater Arsenic contamination in N.E. India
5. Causes of groundwater pollution and its impact on human health
6. Management strategies for groundwater
7. Low-cost cum easily available techniques for controlling drinking water contamination
8. Water Rights

SCOPE OF THE SEMINAR

Water pollution has emerged as a major public health concern as a result of man-made and environmental changes at local and global scales. This seminar welcomes theoretical approaches, methodological discussions and application of transdisciplinary knowledge in exploring this linkage and identifying the challenges involved for human health and mitigation measures taken by various development agencies in addressing water pollution.

THE INSTITUTE

Lakhimpur Girls' College, affiliated to Dibrugarh University was established on 16th August, 1972 as one of the first institutions imparting higher education to women in the entire north bank of the river Brahmaputra in upper Assam. It is included in section 2(f) and 12(B) of the UGC Act, 1956. It is situated in the heart of the North Lakhimpur town. Nearly forty years of its dedicated service to higher education was duly recognized by its accreditation with B⁺ by NAAC.

LOCATION OF THE INSTITUTE

North Lakhimpur is well connected by roadway and airway from Guwahati which is about 400 km away. The college is located at about 1 km and 8 km from North Lakhimpur bus station and Lilabari air port respectively.

ABSTRACT & PAPER SUBMISSION

Author(s) are requested to send soft copy of abstract (within 300 words) and full papers to the convenor on or before 15th Nov. 2011, preferably by e-mail. Author(s) guidelines are attached herewith. Peer reviewed papers, abstracts and posters will be published in the proceeding.

THE PROGRAMME

The programme includes both oral and poster presentation of papers. Oral presentations can be done with multimedia project (in Power Point Format) provided by the host institute. For poster presentation, size of each poster should be **1 meter x 1 meter**.

REGISTRATION FEE

Faculty member with paper: Rs. 500/-
Research scholar with paper: Rs. 300/-
Participation without paper: Rs. 200/-
Students' participation: Rs. 50/-

The registration fee covers the expenses for the seminar material, proceedings, refreshments in tea breaks and working lunch.

NATIONAL ADVISORY COMMITTEE

Prof. Krishna Gopal Bhattacharyya
Director, Academic Staff College, Gauhati University, Guwahati-781014, Assam, India

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Head, Department of Environment Management, Demoria College, Demoria, Assam

LOCAL ORGANIZING COMMITTEE

President: Dr. Monoranjan Pandit
Principal, Lakhimpur Girls' College

Working president: Mr. Haren Kr. Borah
Vice-Principal, Lakhimpur Girls' College

Vice- president: Mr. Mridul Kr. Dutta
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- **Dr. (Mrs.) Sabitri Saikia Kakati**
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- **Mr. Siba Pd. Sarma**

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TENTATIVE PROGRAMME

Fridav. 9th Dec. 2011

9.00- 9.30 AM: Registration
9.30 - 11.00 AM: Inaugural Session

11.00 -11.15 AM: High Tea
11.15 - 1.00 PM: **Technical Session-I**
1.00 – 2.00 PM: Lunch
2.00 – 3.00 PM: **Poster Presentations**
3.00 -3.15 PM: Tea
3.15 - 4.45 PM: **Technical Session-II**

Saturday, 10th Dec. 2011

9.00-11.00 AM: **Technical Session-III**
11.00 -11.15 AM: Tea
11.15 - 1.00 PM: **Technical Session- IV**
1.00 - 2.00 PM: Lunch
2.00– 3.30 PM: **Technical Session- V**
3.30-3.45 AM: Tea
3.45– 5.00 PM: **Valedictory Function**

REGISTRATION FORM

NATIONAL SEMINAR ON

GROUND WATER CONTAMINATION, ITS CHALLENGES TO HUMAN HEALTH AND MITIGATION MEASURES

9th & 10th December, 2011
Deptt. of Chemistry, Lakhimpur Girls' Colege

1. Full Name: _____
2. Designation: _____
3. Organisation: _____
4. Address: _____
5. Mobile No: _____
6. e-mail: _____
7. Title of the paper: _____
8. Accomodation Required? (Yes/ No) _____

Date: _____

(Signature)

Author Guidelines

Authors should prepare their manuscripts according to the instructions given: Manuscripts which do not follow the format and style of the journal may be returned to the authors for revision. Manuscripts should be written in clear and concise English. Manuscripts should be prepared as word documents in Times New Roman (font size 12) on A4 size with a margin of 2 cm of all four sides and in MS Word 2003 or 2007 format.. The manuscript should be typed double-spaced including references given at the end. All figures and tables should be placed at the end of the text.

1. RESEARCH PAPERS:

It should be arranged into the following sections: **Title of paper** , Name of author [contain, an (*) asterisk placed after the name of the corresponding author, address (es) of the institution(s), complete mailing address, telephone number, e-mail address for the corresponding author], **Abstract** (not exceed more than 300) words and **Keywords** (It should have 5-7 keywords related to the work), **Introduction, Experimental, Results and**

Discussion, Conclusion and

Acknowledgement, Tables and Figures (For the units of measurement, the use of the International System of Units (**SI**) is recommended), References. All the references must be in the following order:

Author's initials surname. *Journal*, Year, Volume (Issue), Page No.

Examples: a) Journals:

C. Gillard, J. Disdier, C. Monnet, J. Dussaud, S. Malato, J. Blanco, M. I. Maldonado and J.M. Herrmann, *Appl. Catal. B .Environ.*; 2003, **46** , 319

b) Books:

Author(s) of book (surname initials). Title of book. Edition. Place of publication: Publisher; Year of publication, Page no.

K.Wüthrich, *NMR of Proteins and Nucleic Acids* (WileyInterscience, New York), 1986.

Tables: All tables must be numbered consecutively (using Arabic numerals) and be cited in the text. Titles of the tables should be short but descriptive. Each table should be on a separate sheet, together with a legend and/or footnotes identified by superscripts a, b, c, etc. In tables, the units are usually in brackets

following the quantity and the font should be in Times New Roman with font size 12.

Figures: photographs, drawing, diagrams and charts are to be numbered in a serial order in Arabic numerals in which they are cited in the text and abbreviated as Figure X. The captions for figures should be typed on a separate sheet of paper.

2. **REVIEW ARTICLES**- Review articles should be about 5 pages and contain up-to-date information providing comprehensive coverage of relevant literature. Review articles should preferably be written by scientists who have in-depth knowledge of the topic. All format requirements are similar to those applicable to Research papers. Reviews Articles need not be divided into sections such as Materials and methods, and Results and discussion, but should definitely have an abstract and introduction.
