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**National Seminar**  
**CHAMPARAN: RIVERS AND FLOOD**  
**(चम्पारणः नदियां एवं बाढ़)**

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**Keynote Speaker**

**DR. KUSHAGRA RAJENDRA**  
**(Ph.D., J.N.U. New Delhi)**

*Associate Professor & Head,  
School of Earth & Environmental Science,  
Amity University Haryana*



**Organizer**

**Department of Zoology**

**L. N. D. College, Motihari**

(NAAC Accredited B+ College Under  
B.R.A. Bihar University, Muzaffarpur)  
Motihari, East Champaran-845401, Bihar, India

**Venue**

**Seminar Hall**

**Date**

**06 & 07 May, 2022**

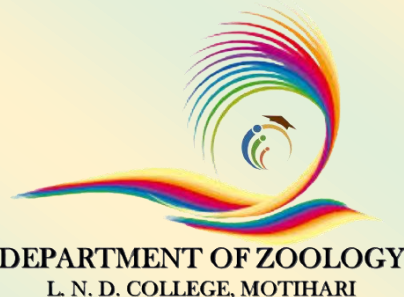
**Time**

**11.00 am to 2.30 pm**

**In Association With**

**Department of Geography, L. N. D. College, Motihari**

**Internal Quality Assurance Cell (IQAC), L. N. D. College, Motihari**



## THEME OF THE NATIONAL SEMINAR

*Aquatic resources* are an important feature of Earth's landscape. They are not only a significant source of precious water, but often provide valuable habitats to plants and animals, moderate the hydrological extreme events (drought and floods), influence microclimate, enhance the aesthetic beauty of the landscape and extend many recreational opportunities. North Bihar is bestowed with many perennial rivers, originating from the adjacent country, Nepal and among them Gandak, Kosi, Burhi Gandak (Sikrahana), Ghagra, Kamala, Mahananda, Bagmati and Dhanauti are significant. The North Bihar has two distinct river basins: The Gandak Basin and The Kosi Basin. The Gandak basin is bestowed with the vast resources of natural water bodies. Champaran district is very rich in natural water resources having several rivers, ox-bow lakes (mauns), ponds, tanks, chauras and canals. Both Champaran districts are flood-prone districts of Bihar. Each year during July to September, the Champaran district suffers heavy loss due to floods.



## ABOUT OUR EMINENT CHIEF GUEST & KEYNOTE SPEAKER

**Dr. Kushagra Rajendra** is a VLIR-UOS fellow, Associate Professor and currently heading School

of Earth and Environmental Science at Amity University Haryana. His expertise lies in sustainability education, Sustainability, and cross-disciplinary understanding of environment. By education, he is trained and qualified M.Sc., M.Phil. and Ph.D. in interdisciplinary aspects of Environment from Jawaharlal Nehru University and for same awarded with distinction like Academic Excellence Medal, President of India Gold Medal, JRF-SRF (UGC), academic and research mobility grants from NSF, USA and VLIR-UOS fellowship, Belgium. Dr. Kushagra Rajendra has been associated with institutional building, created a niche of Earth and Environmental Science Education and also established prestigious 'LEED Lab' a green building capacity

building Programme with GBCI & USGBC at Amity University Haryana. He is actively engaged with delivering popular lectures on Natural History, Disaster and resilience, Climate Change, Agriculture, Flood, Water resources, Pollution, and conservation, writes popular articles on contemporary environmental and sustainability concerns for mass awareness. Dr. Rajendra is person of field-based education, conducted numerous field trips across various parts of Indian landscape including Deccan trap, Himalayas, Coasts, Central India, Kuttch, river plains of Kaveri, Ganga & Brahmaputra to enrich understanding of environment and nature.



## ABOUT OUR COLLEGE

**Laxmi Narain Dubey College**, better known as L.N.D. College (a permanent Constituent and NAAC B+ Accredited College Under B.R.A. Bihar University, Muzaffarpur) situated in the heart of Motihari town, East Champaran-845401, Bihar, India was started in the year 1966, established in 1970 and was given the Status of constituent unit in 1980. This college is approved by the University Grants Commission, New Delhi, under section 2(f) of the U.G.C. Act, 1956. This college is situated in the district headquarter of East-Champaran, Motihari, having lush green campus and fulfil the quality educational needs of this backward district of Bihar. Presently, this college is a premier institution of higher education, and it is situated in the heart of Motihari town just in front of Sadar Hospital and Town Police Station. This college imparts teaching in Intermediate (Science and Arts); full time Under-Graduate courses in Science (Chemistry, Physics, Mathematics, Botany and Zoology) and Arts (History, Psychology, Philosophy, Political Science, Economics, Geography, Hindi, English and Urdu). Post-Graduation course was started in 2019 in Chemistry, Physics, History, Economics, Geography, Political Science and Psychology. This college also provides Job-oriented self-financing three-year degree course in Computer Application (BCA), Bachelor in Business Administration (BBA) and two year's Bachelor of Education (B.Ed.). This college has also NCC and NSS units which are attractions to students.





### Chief Patron

Prof. (Dr.) H. P. Pandey

Honorable Vice Chancellor

B. R. A. Bihar University, Muzaffarpur, Bihar

### Patron

Prof. (Dr.) S. N. Singh

Professor and Head

University Department of Zoology

B. R. A. Bihar University, Muzaffarpur, Bihar

By  
Faculty and Staff Members of  
University Department of



### Chairman

Prof. (Dr.) Arun Kumar

Principal, Laxmi Narain Dubey College, Motihari

(NAAC B+ Accredited College under B. R. A. B. U, Muzaffarpur, Bihar)

President, Bihar University Teacher's Association (BUTA)

### Coordinator

Mr. Rakesh Ranjan Kumar

Assistant Professor and Head, Department of Geography

Controller of Examinations

Laxmi Narain Dubey College, Motihari



### Organizing Secretary and Convenor

Dr. Niraj Kumar, FIAES, FESW

Assistant Professor & Head, Department of Zoology

Laxmi Narain Dubey College, Motihari



## Organizing Committee

**Dr. Subodh Kumar**

*(Associate Professor and Head, Department of History, L.N.D. College, Motihari)*

**Dr. Rajesh Kumar Sinha**

*(Associate Professor and Head, Department of Philosophy, L.N.D. College, Motihari)*

**Prof. Durgesh Mani Tewary**

*(Assistant Professor and Head, Department of Economics, L.N.D. College, Motihari)*

**Dr. Pinaki Laha**

*(Assistant Professor & Head, Department of Physics, L.N.D. College, Motihari)*

**Dr. Sarvesh Dubey**

*(Assistant Professor, Department of Physics & Coordinator B.C.A., L.N.D. College, Motihari)*

**Prof. Arvind Kumar**

*(Assistant Professor and Head, Department of Botany, L.N.D. College, Motihari)*

**Dr. Kumar Rakesh Ranjan**

*(Assistant Professor and Head, Department of Political Science, L.N.D. College, Motihari)*

**Dr. Radhey Shyam**

*(Assistant Professor and Head, Department of Hindi, L.N.D. College, Motihari)*

**Dr. Jauwad Hussain**

*(Assistant Professor and Head, Department of Urdu, L.N.D. College, Motihari)*

**Dr. Parmanand Tripathi**

*(Assistant Professor & Head, Department of Education, B.Ed.)*

**Mr. Ram Prawesh**

*(Guest Assistant Professor, Department of Economics, L.N.D. College, Motihari)*

**Dr. Neelmani**

*(Guest Assistant Professor, Department of History, L.N.D. College, Motihari)*

**Mr. Jaipal Kumar**

*(Guest Assistant Professor, Department of Hindi, L.N.D. College, Motihari)*

**Dr. Prity Priya**

*(Guest Assistant Professor, Department of Geography, L.N.D. College, Motihari)*

**Ms. Swarna Rani**

*(Guest Assistant Professor, Department of Geography, L.N.D. College, Motihari)*

**Dr. Kasturi S. Saundaryam**

*(Guest Assistant Professor, Department of Hindi, L.N.D. College, Motihari)*

*All Faculties of B.Ed. & B.C.A. Departments and All Non-Teaching Staffs, L.N.D. College, Motihari*

## Technical Committee

**Shri Rajeev Kumar, Head Assistant, L. N. D. College, Motihari**

**Shri Kamesh Bhushan, Accountant, L. N. D. College, Motihari**

## PROGRAMME DETAILS

# NATIONAL SEMINAR ON CHAMPARAN: RIVERS AND FLOOD

Chief Guest & Keynote Speaker

**DR. KUSHAGRA RAJENDRA**

(Associate Professor & Head, School of Earth & Environmental Science, Amity University Haryana)

11.00 am – 02.30 pm / May 06 & 07, 2022

**Department Of Zoology, Geography & I.Q.A.C.**

Laxmi Narain Dubey College, Motihari, East Champaran-845401, Bihar

[www.lndcollege.ac.in](http://www.lndcollege.ac.in)

SN	TIME	EVENT	PRESENTER
	10.00 am – 10.45 am	Registration of Participants	Department of Zoology & Geography
<b>INAUGURAL SESSION</b>			
<b>Stage Coordinator: Dr. Radhey Shyam (Assistant Professor &amp; Head, Department of Hindi)</b>			
1.	11.00 am – 11.05 am	Inauguration & Lamp Lighting	Prof. (Dr.) Arun Kumar, Dr. K. Rajendra & Others
2.	11.06 am – 11.15 am	Welcome Address	Prof. (Dr.) Arun Kumar, Principal cum Chairman
3.	11.16 am – 11.25 am	Saraswati Vandana	Team of Students
4.	11.26 am – 11.40 am	Introduction to the Theme of the Seminar	Dr. Niraj Kumar Department of Zoology
5.	11.41 am – 11.50 am	Introduction of our Invited Speaker	Dr. Pinaki Laha Assistant Professor & Head Department of Physics & IQAC Coordinator, L. N. D. College, Motihari
6.	11.51 am – 12.00 pm	Special Remarks	Dr. Subodh Kumar Associate Professor & Head Department of History
<b>REFRESHMENT BREAK (12.01 pm to 12.15 pm)</b>			
<b>TECHNICAL SESSION</b>			
7.	12.15 pm – 12.30 pm	Champaran & Natural Disasters: With Special Reference to Flood	Prof. Rakesh Ranjan Kumar Assistant Professor & Head, Department of Geography & Coordinator
8.	12.30 pm – 12.45 pm	Flood, Human beings & Snakebite – A Case Study	Dr. Niraj Kumar Organizing Secretary & Convener
9.	12.45 pm – 01.00 pm	Agricultural Sustainability in flood prone water-logged areas of North Bihar	Prof. Arvind Kumar Assistant Professor & Head Department of Botany
10.	01.00 pm – 02.00 pm	Champaran: Rivers and Flood	Dr. Kushagra Rajendra (Keynote Speaker) Associate Professor & Head Amity School of Earth and Environmental Science, Amity University Haryana
<b>VALEDICTORY SESSION</b>			
02.01 to 02.10 pm		CERTIFICATE DISTRIBUTION OF WORLD WETLAND DAY	
02.11 to 02.20 pm		CERTIFICATE DISTRIBUTION OF NATIONAL SEMINAR	
02.20 to 02.25 pm		VOTE OF THANKS BY Dr. Kumar Rakesh Ranjan (Assistant Professor & Head, Department of Political Science)	
02.26 to 02.27 pm		NATIONAL ANTHEM BY ALL PARTICIPANTS	
02.27 to 02.30 pm		GROUP PHOTOGRAPHY AND CLOSING OF PROGRAMME	

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