

CONFERENCE THEME

- Miniaturized substrate integrated waveguide cavity filters
- Metamaterial devices and its applications
- Innovative world of flexible solar cells, a cutting-edge technology poised to revolutionize the solar energy industry
- Computational analysis of optical waveguides using COMSOL software
- Aspects of different 2D materials in semiconductor field
- RF and magnetic field energy harvesting
- Programming timers for embedded system-based applications
- Simulation and modelling
- Recent trends in communication systems
- Fabrication and simulation of cutting-edge electronic devices

IMPORTANT DATES

- Last date of Full length Paper Submission: **31/12/2024**
- Acknowledgement of Paper acceptance: **12/01/2025**
- Registration: **20/01/2025 to 31/01/2025**

Registration Fee (In INR)

Category	Without Accomodation	With Accomodation
UG/PG Students	500	1000
Research Student	600	1200
Post-docs/ Academicians/Scientist	700	1400
Industry Personal	2000	3500

- Registration fee include- Conference Kit, soft copy of proceeding, certificate, High tea & Lunch
- Accomodation is available only for selected Participant.
- No TA/DA will be paid to the participant.

ABOUT BCST

The Bihar Council on Science & Technology, Patna was set up by the Government of Bihar resolution no. 845 dated 25th February, 1984 under the financial and administrative control of the Department of Science & Technology, Government of Bihar and was registered on 21st June, 1984 as an autonomous organization under Societies Registration Act 21 of 1860 (No. 101/84-85).

VISION:- To become facilitator and mentor for promoting R&D on one hand and to service the technological requirements of the common man through development of science and technology on the other.

MISSION:- To promote science and technology in the state by encouraging scientists, academicians and technologists to pursue world class research and to nurture a scientific temper in young scientists in their early stage.

ABOUT SPNREC

Shri Phanishwar Nath Renu Engineering College (SPNREC), Araria (formerly Government Engineering College, Araria) was established in 1919 by the Science, Technology and Technical Education Department, Government of Bihar, with the aim to set-up an effective technical education system in Bihar. It is affiliated to the Bihar Engineering University (BEU), Patna and approved by All India Council for Technical Education. The institute offers 4 year B.Tech course in Civil, Electrical, Electronics and Communication, Mechanical, Mechatronics and Computer Science Engineering discipline. M.Tech course of 2 year duration in Electronics and Communication Engineering and Electrical Power System is recently approved by AICTE which starts from this session. The institute possesses all the facilities necessary for it to be a centre of excellence. For excelling in academic and research, the institute has well-qualified faculty members which are recruited through a rigorous process by Bihar Public Service Commission (BPSC). The institute boasts of efficient classrooms, well-equipped laboratories, a central library (with reading room facility), and other amenities to improve the skill level of engineers it graduates.

ABOUT ARARIA CITY

Araria is a district situated in the northern part of Bihar and Araria town is the administrative headquarter of this district. Araria district is a part of Purnea division. This district has total 2 sub- divisions namely Araria and Forbesganj and 9 blocks. The origin of the name 'Araria' as during the British period, the area where Mr. Forbes's bungalow was located was called "Residential Area", which people abbreviated to R. Area. Over time, R. Area. acquired the pronunciation araria. Araria is situated at the northern part of Purnia and Madhepura in Bihar. Borders of Araria are surrounded by Nepal on the northern side, Kishanganj on the eastern side and Supaul on the south-west side. The district touches the Indo-Nepal international border and also this area is close to three countries: Nepal, Bangladesh, and Bhutan. Jogbani is the last point of Araria and after that, Morang district of Nepal starts. It has a view of Mount Kanchenjunga (one of the great peaks of the Himalyan range).



National
Conference



on
Electronics, Communication
and Computational Intelligence
NCECCI-2025

Feb 21-22, 2025

Sponsored by

BIHAR COUNCIL ON SCIENCE & TECHNOLOGY



Organized by

**Department of Electronics &
Communication Engineering**



**SHRI PHANISHWAR NATH RENU
ENGINEERING COLLEGE,
ARARIA**

**Science, Technology and Technical
Education Department
Government of Bihar**

KEY PERSONS



Patron

Dr. Aseem Kumar Thakur
Principal,
SPNREC, Araria



Chief Guest

Dr. Sanjeev Kumar Raghuwanshi
Associate Professor,
IIT (ISM) Dhanbad



Organizing Secretary

Dr. Ritesh Kumar
Assistant Professor (ECE)
SPNREC, Araria



Coordinator

Mr. Aamir Sohail
Assistant Professor (ME)
SPNREC, Araria



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Mr. Amit Ranjan
Assistant Professor (ECE)
SPNREC, Araria



Coordinator

Mr. Krishnanand Mishra
Assistant Professor (CSE)
SPNREC, Araria

ABOUT THE CONFERENCE

NCECCI is a two days national conference sponsored by BCST (Bihar Council On Science and Technology). It is organised by Department of ECE, SPNREC under Department of Science, Technology and Technical Education (DSTTE). The conference theme is to aware students, researchers, faculty members, scientists and industrialist about the cutting edge technology and development in the area of Electronic, Communication and Computational Intelligence. The keynote speakers from the premium institutes like IIT, NIT, IIIT and state government will share their knowledge in emerging trends in simulation, computation and fabrication of semiconductor materials, metamaterials, 2D materials, communication system, RF and optical devices, embedded system, RF and magnetic field energy harvesting and artificial intelligence. Participants and attendees of the conference will be benefitted by the valuable knowledge sharing of the resource person.

ADVISORY COMMITTEE

- Prof. T. Srinivas- IISC Bangalore
- Prof. Rajan Jha- IIT Bhubaneshwar
- Dr. Sanjeev Kumar Raghuwanshi- IIT ISM Dhanbad
- Dr. Sanjoy Kumar Parida- IIT Patna
- Prof. Manoj Taleja- NIT Delhi
- Prof. S Indu- DTU Delhi
- Prof. Santosh Kumar- KL Deemed to be University, Guntur
- Dr. Mandeep Singh- NIT Surathkal
- Dr. Rakesh Ranjan- NIT Patna
- Dr. Dharmendra Kumar- Madan Mohan Malaviya University of Technology, Gorakhpur

KEYNOTE SPEAKERS

- Dr. Aseem Kumar Thakur- SPNREC, Araria
- Dr. P. K Tiwari- IIT Patna
- Dr. Sooraj- IIIT Bhagalpur
- Dr. Chetan Barde- IIIT Bhagalpur
- Dr. Subhash Chandra Yadav- NIT Patna
- Dr. Amit Ranjan Azad- IIIT Kalyani
- Dr. Syed Sadique Anwer Askari- IIIT Ranchi
- Dr. Satish Chandra- MNNIT Allahabad
- Dr. Sumit Kumar Jindal- VIT Vellore
- Dr. Deepak Punetha- MNNIT Allahabad
- Dr. Ritesh Kumar- SPNREC Araria
- Dr. Rituraj Singh- NSUT Delhi

ORGANISING COMMITTEE

- Mr. Priyatam Kumar, Head, ECE, SPNREC, Araria
- Mr. Arjun Kumar, Head, EE, SPNREC, Araria
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- Mr. Manish Kumar, Head, ME, SPNREC, Araria
- Mr. Krishnanand Mishra, Head, CSE, SPNREC, Araria
- Mr. Kishan Kumar, Head, Sci. & Humanities Dept., SPNREC, Araria
- All Faculty Members, SPNREC, Araria

PAPER SUBMISSION GUIDELINE

- Go to website : <https://www.ncecci2025spnrec.in.net/>
 - Download Template 'NCECCI 2025 Template'
 - Follow the guidelines mentioned in the template
 - Submit the full length paper (Doc. & pdf file) to E-Mail 'ncecci2025spnrec@gmail.com'
 - Authors are advised to keep the plagiarism below 20%
 - Authors are required to transfer the Copyright permission to NCECCI 2025
 - Accepted paper will be presented in hybrid mode
 - Atleast one registration is mandatory for each accepted paper.
- NOTE:** Paper ID will be generated and shared after successful submission of paper.

All presented/accepted papers will be published in conference proceeding with ISBN

IMPORTANT DETAILS



www.ncecci2025spnrec.in.net/

Payment Details: UCO BANK

- **Account Name:** PRINCIPAL SHRI PHANISHWAR NATH RENU ENGINEERING COLLEGE ARARIA
- **Account No :** 16610110046098
- **IFSC Code :** UCBA0001661

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