SHAPING THE FUTURE OF INTELLIGENCE
2026
SFIN
JUBILEE COLLEGE, BHURKUNDA

Two Days National Seminar on

Shaping the Future of Intelligence (SFIN-2026)

ORGANISED BY

Jubilee College, Bhurkunda,
(Vinoba Bhave University),
Hazaribag, Jharkhand.

SPONSORED BY

CSIR
Council of Scientific and Industrial Research, Human Resource Development Group, New Delhi (CSIR)

Center for Science, Technology and Innovation, Department of Higher and Technical Education, Government of Jharkhand (JCSTI)

Patratu Vidyut Utpadan Nigam Ltd
(A Subsidiary of NTPC)

Bank of India
(Bhurkunda Branch)

Tata Steel Utilities and Infrastructure Services Ltd.

Date:
26-27 October, 2026



About Jubilee College, Bhurkunda



Jubilee College, Bhurkunda, established with a commitment to academic excellence and holistic education on 24th December 1981. It was established as a part of the Silver Jubilee Celebrations of the then National Coal Development Corporation (NCDC) to spread Silver Light of knowledge and education in the rural & forest areas holding "black diamond" mining activities. It is one of the leading institutions under Vinoba Bhave University, Hazaribag (Jharkhand). The college continuously strives to promote interdisciplinary learning, research, and innovation.

Climate & Clothing

The climate in Jharkhand during October **(26-27 October, 2026)** is typically pleasant, with temperatures ranging from **20-22 degrees Celsius.** We recommend wearing light, comfortable clothing suitable for mild spring weather, ensuring a pleasant experience throughout the seminar.



Getting There

Jubilee College, Bhurkunda, is well-connected and easily accessible:

- Approximately **60 km** from Ranchi Airport.
- Only **17 km** from Ramgarh Cantt.
- The nearest railway station is **Barkakana Junction**, situated just **12 km** from the College campus, offering convenient rail access.

Local Tourist Attractions

Bhurkunda's natural beauty and cultural heritage offer a variety of enchanting destinations for visitors:



Scenic Vistas

The green valley is enveloped by forests, hills, the Dam, and the serene **Patratu Valley.** Enjoy panoramic views of Ramgarh and Bhurkunda from **Pithoria and Chuttupalu Ghatis.**



Rajrappa

A famous Shaktipith, **40 km** from Bhurkunda, known for its spiritual significance and natural beauty.



Waterfalls & Temples

Discover **Dasham Falls, Jonha Falls, Gautam Dhara,** the ancient **Dewari Temple,** and the magnificent **Surya Temple.**



Birsa Jaivik Udhyan

Explore this Zoological Park, home to diverse wildlife, located just **35 km** from Bhurkunda.



Maa Dewri Temple

Maa Dewri Temple is an ancient temple, situated in Diuri village, Tamar near Ranchi in Jharkhand. The main attraction is the **700 year old murti of 16-armed village deity Maa Dewri.** It is an ancient temple and was renovated few years back.

Theme of the Event

JUELLEE COLLEGE BHURKUNDA
सा विद्या या विमुक्तये

Shaping the Future of Intelligence (SFIN-2026)



The proposed National Seminar, **"Shaping the Future of Intelligence (SFIN-2026)"**, aims to explore the rapidly evolving landscape of intelligence in the era of Artificial Intelligence (AI), Machine Learning (ML), Data Science, Robotics, Intelligent Automation, and Human–Machine Collaboration. The seminar will provide an interdisciplinary platform for scientists, academicians, researchers, technologists, students, policymakers, and industry professionals to deliberate on how emerging intelligent technologies can transform society and contribute to India's scientific and technological advancement.

Key Discussion Areas

1



Human–AI Synergy

- Merging machine intelligence with human insight.
- Building ethical, explainable, and empathetic AI systems.

2



AI for Sustainable Development

- Addressing environmental, social, and economic challenges.
- Leveraging AI to address climate change, health disparities, and global inequality.

3



Ethics and Governance

- Designing policies for responsible AI and data use.
- Ensuring responsible AI use and safeguarding data integrity.

4



Intelligent Automation & Smart Societies

- How AI-driven infrastructure and governance can improve human life.
- Building smart cities, smart health systems, and digital economies.

5



Future Frontiers

- From cognitive computing to artificial creativity, consciousness, synthetic and emotional intelligence.



Major Sub-themes

JUBILEE COLLEGE BHURKUNDA
सा विद्या या विमुक्तये

Science Stream

1. 

Physics + AI

AI in Quantum Physics Simulations, Machine Learning to Predict Material Properties.

2. 

Chemistry + AI

AI in Drug Discovery & Molecular Design, Machine Learning & Chemical Reactions.

3. 

Mathematics + AI

Algorithms Based on Linear Algebra and Calculus, Statistics and Probability in Machine Learning, Optimization Techniques in Deep Learning, Mathematical Modeling of Neural Networks.

4. 

Botany + AI

AI in Plant Disease Detection and Crop Management, Smart Agriculture, AI in Monitoring Plant Growth, Image Recognition for Leaf and Species Identification, AI for Predicting Climate Impact on Plant Diversity.

5. 

Zoology + AI

Animal Behavior Analysis & AI Vision, Use of Drones and AI in Ecological Surveys.

6. 

Mining + AI

From Intelligent Mining to Human-Centric Coalfield Development.

Commerce Stream



- AI in Financial Forecasting and Stock Market Prediction
- Role of AI in Accounting and Auditing Automation
- Impact of AI on E-commerce and Digital Marketing
- Future of Employment in the AI-Driven Business World



Humanities & Social Sciences

1. 

History

AI in Historical Data Reconstruction and Preservation, Using AI to Decode Ancient Scripts and Languages.

2. 

Political Science

AI in Governance and Public Policy Decision-Making, Use of AI for Election Forecasting and Political Analysis.

3. 

Sociology

Social Media and AI: Understanding Human Behavior Online, Role of AI in Modern Education and Society.

4. 

Geography

AI in Climate Change Prediction and Disaster Management, Smart City Planning Using AI and GIS, AI in Remote Sensing and Land Use Mapping, AI for Water Resource and Environmental Management.

5. 

Hindi / English / Literature

AI in Creative Writing and Poetry Generation, Machine Translation: AI and the Future of Languages, Impact of AI on Journalism and Communication.

6. 

Philosophy

Can Machines Think? The Philosophy of AI, Consciousness and AI, A Philosophical Inquiry, AI and the Meaning of Human Creativity, Moral Decision-Making by AI.

Call for Papers

The Organising Committee cordially invites original research papers, review papers, conceptual papers, case studies, posters and innovative project papers.

Authors are requested to submit their abstract/full paper latest by **15 October 2026** in MS Word to:

sfin2026@gmail.com

- The submitted work should be original and should not have been published elsewhere.
- All papers will be subject to editorial/peer review and selection by the Seminar Editorial Committee.
- Selected abstracts will be considered for publication in the SFIN-2026 Souvenir.

Registration Details

Cost of Registration Fee Details

Category	Registration Fee (Rs)
Student (PG/UG)	Rs 500
Teacher/Faculty/Academician	Rs 700
Research Scholar/PhD	Rs 800
Industry Professional/Practitioner	Rs 2000
Institution/ Organization	Rs 3000
Accompanying Person/Guest	Rs 500
SFIN Scientific Volunteer (SSV)	Rs 300



Registration Link

Please click on the given Blue link for Registration

https://docs.google.com/forms/d/e/1FAIpQLSeOEt1AhKjLfBHOFW40G7sy2MCIsrjLvJ7VqBXN5e2Wj5l26g/viewform?usp=dialog

Click Here to Register

Payment Details

You can pay your registration fee on the details as given below:

Name : Jubilee College, Bhurkunda

A/C No : 480410100007289

IFS Code : BKID0004804

(Bank of India, Branch-Bhurkunda)

OR

or through UPI payment by Scanning the given QR Code

Bank of India
Relationship beyond banking

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SCAN & PAY

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BHIM UPI

UPI & Mobile Banking | G Pay | PhonePe | paytm

Payment Through Any UPI APP Accepted Here



Patrons & Organising Committee

Patrons

- **Sri Manish Jaisawal,** MP Hazaribag cum Chairman, JCB
- **Sri Nilendu Kumar Singh,** CMD, Central Coalfield Limited, CCL
- **Dr Chandra Bhushan Sharma,** VC, VBU Hazaribag
- **Sri Rituraj,** DC, Ramgarh
- **Sri Mukesh Kumar Lunayat,** S P Ramgarh
- **Sri Atul Bhatnagar,** Managing Director, TSUISL, Tata Steel
- **Sri Chaitanya Bhanu,** Vice President, Tata Steel
- **Sri Ashok Kumar Sehgal,** CEO, Patratu Vidyut Utpadan Nigam Limited
- **Sri Roshan Lal Chaudhury,** MLA, Barkagaon
- **Sri Arvind Kumar Sinha,** Chief Residential Executive, Tata Steel
- **Sri Ravi Kumar,** Plant Head, JSPL, Balkudra, Ramgarh, Jharkhand
- **Sri Ranjan Sinha,** GM, Barkakana Sayal Area, CCL
- **Sri sanjay Kumar Jha,** GM, Argadda Area, CCL
- **Dr Urmila Singh,** Secretary, Jubilee College, Bhurkunda

Organising Committee

- **Chairman**
  Prof Balkrishna, Principal & HOD Physics
- **Convener**
  Dr Balmukund Singh, HOD Chemistry (430786721)
- **Co-ordinator**
  Dr. S P Pandey, HOD Geography
- **Organising Secretary**
  Prof Rajesh Kumar, HOD Mathematics
- **Joint Org. Secretaries**
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- **Joint Co-ordinators**
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- **Registration & Certification**
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  Dr Gopal Vishwakarma, Sri Krishna Kumar
- **Help Desk**
  Dr B Ravidas (Mob: 7991185279),
  Dr S P Dangi (Mob: 9934180956)
  Miss Gayatri Kumari (Mob: 9304034024)

Director, SFIN-2026

Dr Shambhu Prasad,
Former Head, Department of Physics

Official Contact No:
8789207181, 7061122613

Website:
www.jucb.in

Email:
jubilee.college@gmail.com
sfin2026@gmail.com

"We sincerely appreciate your thoughtful presence, kind attention and valuable time."

