

BRIEF REPORT OF

International Webinar on Physics

30 December 2020



Organized by

Department of Physics

***in collaboration with, IQAC, Jawaharlal College,
Patnagarh***



JAWAHARLAL COLLEGE, PATNAGARH

International Webinar on Physics

Time: 09:40 a.m. Date: 30.12.2020



Link: <https://meet.google.com/bpj-ogmd-xmw>



Link: <https://youtu.be/L1wX1OQY0Zk>

Inauguration by:

Resource Person



Prof. Sarira Sahu

Institute of Nuclear Science
National Autonomous University
of Mexico, Mexico City, Mexico
Topic: Messengers from Heaven
Time- 10:00 a.m.



Dr. Devraj Mishra

Principal & Director, IQAC
Jawaharlal College, Patnagarh
Time: 09:45 a.m.

Resource Person



Dr. Nachiketa Khamari Sharma

Associate Professor of Physics, ITER
SOA Deemed to be University, BBSR
Topic: Traditional Science & Technologies of India
Time- 11:30 a.m.



Mrs. Arati Panda

Co-ordinator, IQAC
Jawaharlal College, Patnagarh



Shri. Naba Kumar Mishra

HOD Physics
Jawaharlal College, Patnagarh

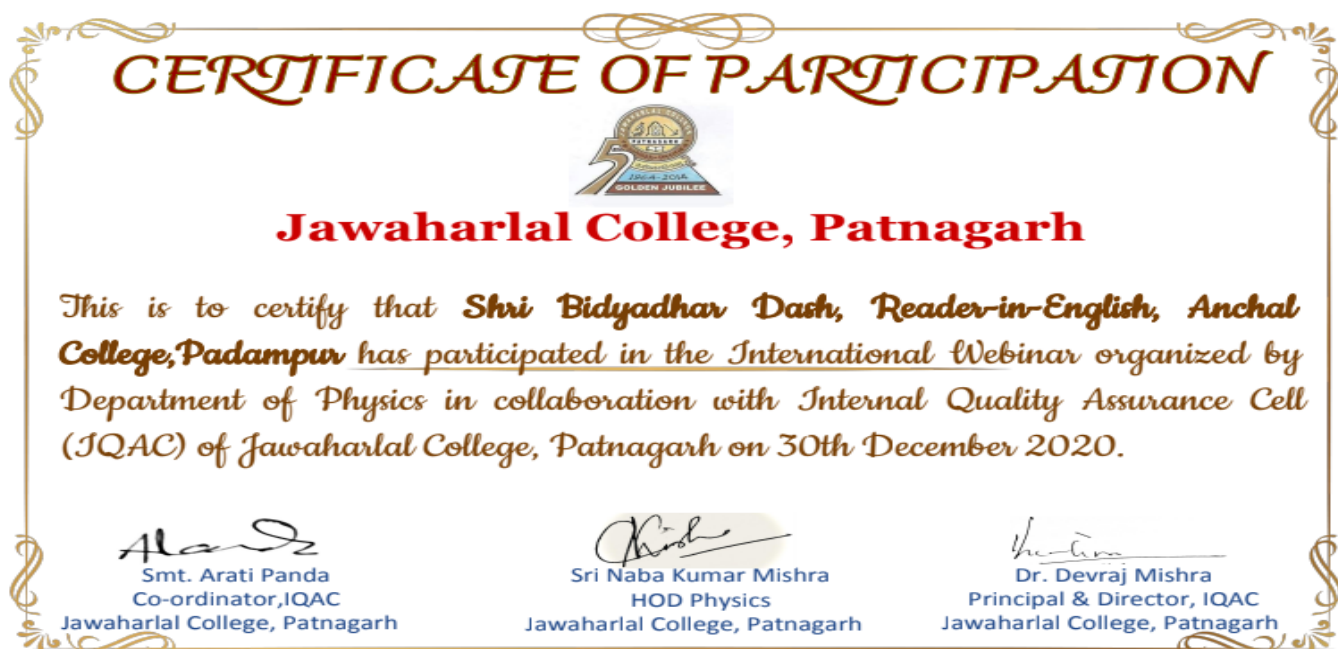
Organized by Department of Physics in collaboration with IQAC

Contact for Details: jc.iqac@gmail.com // Cell. 94377 06399, 89173 15510, 89842 44663, 94383 15952

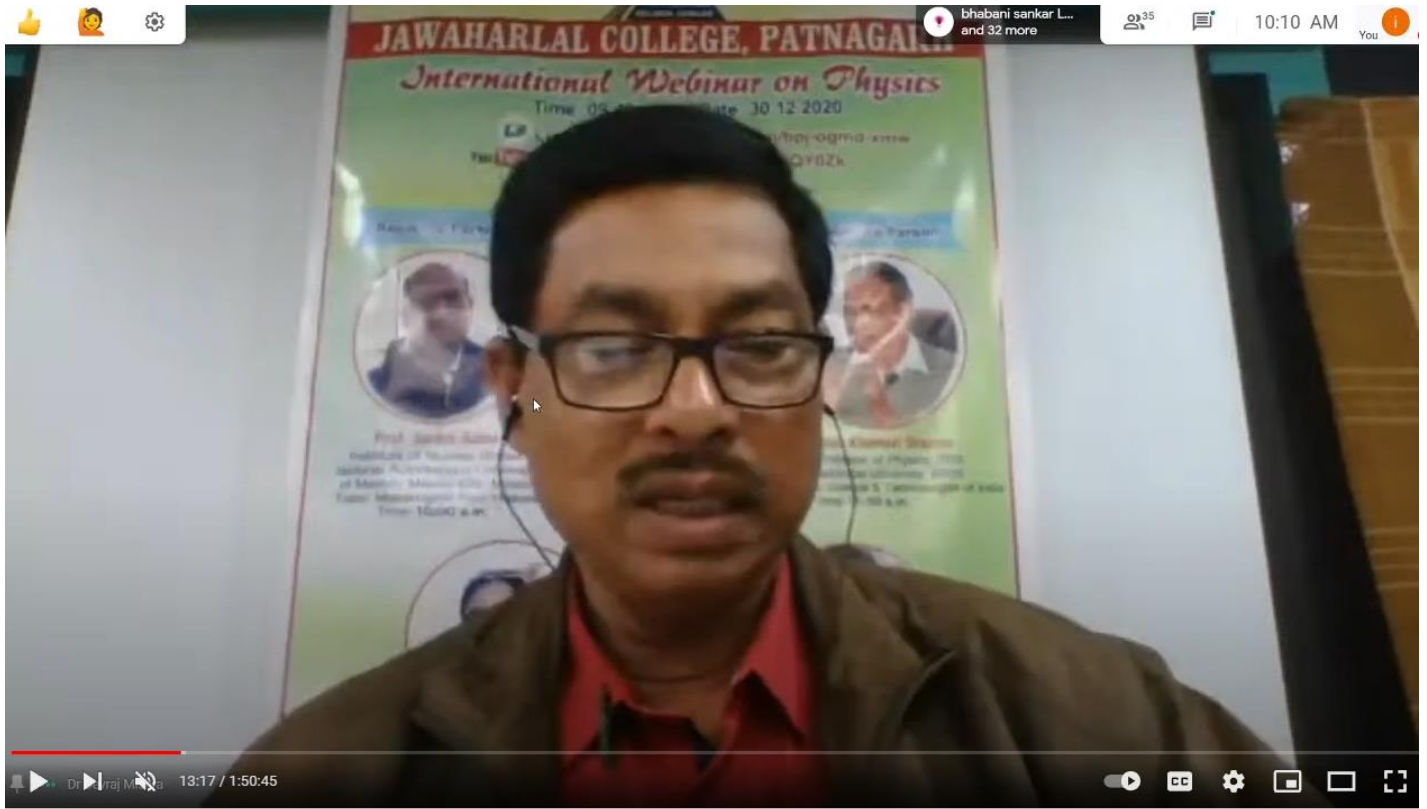
Detailed Report:

On 30 December 2020, the department of Physics in collaboration with IQAC conducted an international webinar at 11.a.m through Google Meet. It was also streamed live on YouTube. A total of 78 participants joined the webinar. The head of the institution Dr. Devraj Mishra inaugurated the Webinar and delivered the welcome address of. Sri Naba Ku Mishra, HOD, Department of Physics, Jawaharlal College Patnagarh introduced the Resource persons of the webinar. The first resource person of the webinar was **Prof. Sarira Sahu INSNAU, Mexico City, Mexico**. He delivered a wonderful and interesting lecture on “**Messengers from Heaven**”. The lecture revolved around Astro-Physics and the mechanism of electromagnetic radiation in bringing out information about the universe. . The second resource **Dr. Nachiketa Khamari Sharma, Associate Professor of Physics, ITER, SOA Deemed to be University, BBSR** presented a talk on “**Traditional Science and Technologies of India**”. Very beautifully he shed light on the ancient scientific treasure of India. Mrs. Arati Panda, Co-ordinator, IQAC, extended the vote of thanks followed by the declaration of closure of the webinar by Principal Dr. Devraj Mishra. Towards the end of the webinar a feedback link for filling up the feedback was provided to the participants. After the competition of the webinar each participant was provided with an e-certificate of participation.

Sample of the e-certificate of Participation



Glimpses/ Screenshots of the Webinar :





Smarajeet biswal has left the meeting
22:29 / 1:50:45

INTERNATIONAL WEBINAR OF DEP... X

People (47) 39 Chat

- Nabadip Gaigaria
- Nazia Shaikh
- Physics basic by satna...
- Pinku Dash
- Prateek Pansari
- Pratyusha Suna
- Purna Chandra Mirig
- Radheshyam Meher
- Rajashree Dhana
- Rojali Meher
- Sarira Sahu
- SHIMILI PRADHAN
- Shrabanee Dash

Sarira Sahu is presenting

Biswajeet Moha... and 43 more

PowerPoint File Edit View Insert Format Arrange Tools Slide Show Window Help

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What do you mean by a messenger ?

The entity who brings and delivers information to the recipient from the source.

- Electromagnetic wave (Light) γ -ray
- Cosmic Rays
- Neutrinos
- Gravitational wave

- Sources: Sun, Galaxies (Active Galactic Nuclei), Collapse of a star (neutronon star), Gamma-ray Bursts (GRB), Big Bang etc.

Slide 2 of 62 English (Mexico)

3:59 / 1:50:45

Nachieketa Sharma is presenting

Biswajeet Moha... and 36 more

Patnagarh_2022_2023_2024 - P... (Horizon Folder)

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Dharampal's Book on Indian Science and Technology in the 18th century

- 40 to 50 years back **general opinion** in India about the origin and development of science
- Before 1980s, works on Sciences in India, particularly mathematics and astronomy by Indian and European scholars
- 1970s & 1980s: Realisation of the **harmful effects of modern science and technology** known as Western
- Interest in alternate technologies, realisations that non-Western societies had viable technologies with their own worldviews and social norms (innovations like **gobar gas** and movements like **chipko andolan**)
- Traditional technologies not as science
- **Dharampal's Book on Indian Science and Technology in the 18th century** first published in 1971 (17 chapters, European account of the sciences and technologies as practiced in India in the later part of 17th century)

WEBINAR OF DEPARTMENT OF P... Turn on captions



<https://youtu.be/L1wX1OQY0Zk>

