

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohiya Avadh University, Ayodhya, U.P.)

“Science doesn’t deny your right to question things.”



A Report On



National Seminar (Bahraich) Visit

Session

2022-23

Submitted By

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Department of Physics

“The future starts with scientific innovation”

Department of Higher Education Uttar Pradesh sponsored Two Days National Seminar organized by Department of Physics, Kisan Degree College, Bahraich on entitled “Basic Analytical Technique: X- Ray Diffraction and Transmission, Electron Microscopy for the Crystallographic and Medical Application (NSBAT-2023)” during March 27-28, 2023.

“Solving global challenges through collaboration in science”.

Keeping these words in mind Department of Physics, Shri Lal Bahadur Shastri degree College, Gonda decided to participate in this conference. Many keynote speakers shed light on the international opportunities available for young research scholars and PG students. There were four technical sessions that dealt with varying aspects of central theme of the seminar. In the first technical session **Dr. Geetika Srivastava, Associate Professor, Department of Physics and Electronics, Dr Ram Manohar Lohiya Avadh University, Ayodhya** presented his research on titled “Impact of physics on Biomedical data processing”. In Technical session II, **Prof. Jitendra Singh (HOD, Department of Physics, Shri Lal Bahadur Shastri Degree College, Gonda)** gave practical exposure to the participants on the topic “Electrical behavior of Ferroelectric Liquid Crystalline Material”.



Photo: Presentation of Prof. Jitendra Singh & All Faculty member of Department of Physics, Shri Lal Bahadur Shastri Degree College, Gonda in Kisan Degree College, Bahraich, U.P.

In technical session III, **Mr. Santosh Kumar Srivastava (Department of Physics, Shri Lal Bahadur Shastri Degree college, Gonda)** gave hands on “**Enhancement of power efficiency in solar cell**”. In Technical session IV, as more as, **13 M. Sc. Students of Department of Physics, Shri Lal Bahadur Shastri Degree College, Gonda** presented their papers in two parallel tracks. There were **56 M. Sc. (Physics) students of Shri Lal Bahadur Shastri Degree College, Gonda** participate in this seminar. **Dr. Avneesh Mishra, Department of Physics, Shri Lal Bahadur Shastri Degree College, Gonda** presented “**A Review on the Development of Liquid Crystals**” and **Dr. D. N. Pandey** from same institute also presented “**Impact of ICs in Different Electronics Circuits**” in other technical sessions.



Photo 2. All Students of M.Sc. (Physics) of Shri Lal Bahadur Shastri Degree College, Gonda in Campus of Kisan Degree College, Bahraich.

Outcomes of the Seminar: After attending this seminar, the participants became more professionally competent. They (PG students) got familiar with the various tools available for the creation of research methodology. Finally, students of M.Sc. (Physics) acquired a quality orientation in the field of research processes. Follow up Actions more focus on technology enabled research and teaching learning process using multiple online platforms. Adoption of technology driven mapping of

programme outcomes motivated us for conducting of **Two day's** departmental seminar on new learning platforms/research.

Head of Physics Department, **Prof. Jitendra Singh** (Shri Lal Bahadur Shastri Degree College, Gonda) gratefully thanks to **Prof. R. K. Pandey** (Principal, Shri Lal Bahadur Shastri Degree College, Gonda) for permission to attending seminar. All students and Faculty members of department of physics acknowledge to HOD, **Prof. Jitendra Singh** for attending such fantastic national seminar.

Thanks.

(Prof. Jitendra Singh)
HOD , Department of Physics