



National Science Day Celebration

by

School of Sciences, Netaji Subhas Open University

Programme Report

Date: 28 February, 2022

Time: 2.20 PM

Mode: Blended (NSOU HQ and Virtual platform)

Introduction of the Programme:

As approved by the Hon'ble Vice-Chancellor, NSOU, the School of Sciences, NSOU has celebrated the "National Science Day" for the very first time in the University on 28 February, 2022. The three Post Graduate Departments of the School of Sciences i.e., Department of Geography, Department of Mathematics and Department of Zoology took the responsibility to organise the special day in blended mode (both on line and off line) due the prevailing COVID situation.

Objectives of the Programme:

- This programme was organised, like the other educational and research institutions of India, to commemorate the great scientific discovery of Raman Effect by Sir C.V. Raman.
- To sensitize the august gathering about the need of integrated approach in science and technology disciplines for the sustainable future.
- Also to encourage scientific temperament among the participants.

Participants:

The Post graduate students of three PG Science departments of NSOU, faculty members of School of Sciences and University officials were invited to participate in the programme. About 55 participants attended the programme in on-line mode and 12 members (both the faculties and officers of the University) had participated in the programme at the headquarters of the University. Mr. Gourab Barua, Assistant Registrar, NSOU assisted to maintain the liaiso of offline and online (blended) mode of the event.

Representatives: (University internal members)

- **Prof. Kajal De**, Director, School of Sciences, NSOU & Head, Department of Mathematics
- **Prof. Anirban Ghosh**, Director, CIQA, NSOU (Online)
- **Prof. Manan Kumar Mandal**, Director, School of Humanities, NSOU

- **CA Sachindra Chandra Kar**, Finance Officer, NSOU
- **Dr. Ashit Baran Aich**, Director, Study Centre, NSOU
- **Dr. Bibhas Guha**, Head & Associate Professor of Zoology, NSOU (Organizing Secretary of the programme)
- **Dr Biraj Kanti Mondal**, Assistant Professor of Geography, NSOU (Organizing Secretary of the programme)
- **Dr. Anirban Ghosh**, Associate Professor of Zoology, NSOU (Member)
- **Dr. Chhanda Dana Kundu**, Associate Professor of Geography, NSOU (Member)
- **Dr. Ushnish Sarkar**, Assistant Professor of Mathematics, NSOU (Member)
- **Mr. Chandan Kumar Mondal**, Assistant Professor of Mathematics, NSOU (Member)
- **Mr. Ashif Ahamed**, Assistant Professor of Zoology, NSOU (Member)

Some of the faculty members of other disciplines also participated in the programme virtually.



Photo 4: Representatives of the National Science Day Programme

Details of the Programme:

The programme started at 2.30 p.m. in the board room of the NSOU headquarters and students and some other academic personalities are joined through the virtual link. In the outset, Dr. Bibhas Guha, Head and Associate Professor of Zoology, NSOU welcomed all the participants with his welcome address. Dr. Guha also explained the importance and need for organising such type of scientific endeavours in the academic institutions. He said that these type of programmes surely popularise the scientific temperament among the learners.

Prof. Anirban Ghosh, Director, CIQA, NSOU expressed his gratitude to the School of Sciences for organising this programme. He said the bright legacy of School of Sciences surely will make a breakthrough in future and these programmes will help in that cause.

Prof. Kajal De, Director, School of Sciences highlighted the research works done by Professor C. V. Raman and how his work popularised Science in the academia. Prof. De also enlightened the audience about the various activities and awards given for scientific contributions on this day by the government.



Photo 2: Address by Prof. Kajal De highlighting the research works of Prof. C. V. Raman

The three Post Graduate Science departments presented interesting aspects of science respectively.

- On behalf of the Department of Mathematics, Mr. Chandan Kumar Mondal, Assistant Professor of Mathematics delivered a presentation on “ *Science Day*”. His lecture was concentrated on set theory, natural number, group theory, differential equation, topology, differential geometry and fluid mechanics relating each other and highlighted the implications of these topics of PG curriculum in our daily life.
- On behalf of the Department of Geography Dr. Biraj Kanti Mondal, Assistant Professor of Geography, delivered a presentation on “ *Studying Geography as a Science Subject*”. His lectures was focussed on the development of science in the pre-independence era to the relevant and advance research with special

reference to geography. He also deliberated the significance of studying geography from school to university and further level and the application modern methods, approaches, tools to decipher diverse environmental issues through the research by employing mapping, remote sensing, GIS and GPS system.

- On behalf of the Department of Zoology, Dr. Anirban Ghosh, Associate Professor of Zoology, delivered a presentation on “*The Arms Race*”. His lecture highlighted the preamble significance of moth and butterfly in maintaining biodiversity, ecological balances and sustainable environment based on general and his own research experience.

All the three lectures were most illuminating on their subjects in the light of National Science Day.



Photo 3: Presentation of Mr. Chandan Kumar Mondal on “Science Day”

Question & Answer Session:

There was an interactive Q & A session. Many queries amongst the learners of all the science discipline, participated in the event was addressed. The learners, especially the newly admitted ones were keen to understand the academic framework and curriculum of their respective disciplines. Moreover, their grievances of some learners were also addressed by the faculty members and officers present in the programme.

The diverse issues of sciences in the form of blessings were also discussed. Learners also added their thought about celebrating this day and the contribution of Sir C. V. Raman as well.



Photo 4: Presentation of Dr. Biraj Kanti Mondal on “Studying Geography as a Science Subject”



Photo 5: Presentation of Dr. Anirban Ghosh on “The Arms Race”

Summing up:

The entire programme was compared by Mr. Ashif Ahamed, Assistant Professor of Zoology. Smt. Tinki Kar Bhattachayya, Assistant Professor of Geography proposed the formal vote of thanks.

Concluding Session:

It can be said that the celebration of “National Science Day” by School of Sciences, NSOU will sensitize an integrated approach in science and technology for sustainable future by creating enthusiasm and awareness among the participants/learners about science.



Photo 6: Addressing Question & Answer Session by Dr. Bibhas Guha

Programme Report

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Guided by

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