

Outreach Program carried out at S.K. B. University Purulia (5th March, 2018)

Conference on Recent Advancements in Astrophysics and Space Science

March 5, 2018

Venue: Sidho Kanho Birsha University, Purulia, West Bengal 723104

Major Topics

- Astrophysics & Cosmology
- High Energy Physics
- Sun and Solar Physics
- Night Sky and Telescope
- Atmospheric & Ionospheric Science
- Cosmic Rays
- Radio Sounding
- Seismic Hazards
- Polar Ionosphere
- Satellite Observation

Distinguished Speakers

| | |
|---------------------------------------|---|
| Prof. Sandip K. Chakrabarti (SNBNCBS) |  |
| Prof. Archan S. Majumdar (SNBNCBS) |  |
| Prof. Subrata K. Midya (CU) |  |
| Dr. Nirvikar Dashora (NARL) |  |
| Dr. Ramkrishna Das (SNBNCBS) |  |
| Dr. Sudipta Sasmal (IERCOO/ICSP) |  |

SPONSORS

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|  SNBNCBS |  SKBU |  ICSP |
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S. N. Bose National Centre for Basic Sciences,
JD Block, Sector III, Salt Lake, Kolkata - 700098

 Celebrating 125 Years Anniversary

Program Schedule:

**Conference on Recent Advancements
in Astrophysics and Space Science (CORASS)**

5th March'18, Department of Physics, SKE University, Purulia,

| Time | Program |
|----------------------|---|
| 09:00 - 10:00 | Registration |
| 10:00 - 10:30 | Inaugural ceremony |
| 10:00 | Lighting the lamp |
| 10:05 | Welcome Speech by Prof Sandip K Chakrabarti |
| 10:10 | Welcome Speech by HOD/VC/Registrar of SKBU |
| 10:15 | Celebration of 125 th Birth Anniversary of S N Bose by S N Bose Centre: RK das |
| 10:30 - 11:00 | Tea and photo session |
| 11:00 - 13:00 | <u>Scientific Session: I</u> |
| 11:00 | Prof S K Chakrabarti: <i>Mysterious Universe</i> |
| 11:45 | Prof Archan S Majumdar: <i>Accelerating Universe: what will be its fate?</i> |
| 12:30 | Dr Ramkrishna Das: <i>Observing the sky: tools and techniques</i> |
| 13:00 - 14:00 | Lunch |
| 14:00 - 14:15 | Documentary film on S N Bose |
| 14:15 - 17:00 | <u>Scientific Session: II</u> |
| 14:15 | Dr Nirvikar Dashora: <i>Space Weather, Climate & GPS: Frontiers & Opportunities</i> |
| 14:45 | Dr Anindya Bose: <i>Global Navigation Satellite System (GNSS): Easy Tool for Using Satellite Signals</i> |
| 15:15 | Dr S K Midya: <i>To be sent</i> |
| 15:45 | Dr Sudipta Sasmal: <i>Radio Science in Antarctica</i> |
| 16:05 | Dr Ritabrata Sarkar: <i>Low cost space exploration by Indian Centre for Space Physics</i> |
| 16:25 | Dr Tamal Basak: <i>Quantitative modeling of lower ionospheric response during solar X-ray and solar eclipse: a propagating radio wave simulation approach</i> |
| 16:45 | Dr Suman Chakraorty <i>Understanding seismo-ionospheric anomalies</i> |
| 17:05 | Concluding remarks/vote of thanks |
| 17:15 | Tea |
| 18:00 - 19:30 | Sky Watching by Dr RK Das & Rana Khan |

About 150 students and teachers participated the conference. The honorable Vice Chancellor and the Registrar were present at the inaugural session. All the talks were well attended. Quite some time was spent for Q&A sessions after each talk..

All the participants' wer egiven lunch packets. All the students were also given a Certificate signed by S.K. Chakrabarti (SNBNCBS) and S. Mondal (SKBU).

Convenor: Prof. Sandip K. Chakrabarti



Inauguration in progress. VC, SKBU is second from left.



Audience: VC sitting on the front row (3rd from left).







