

N.11.4: Best Poster Awards
N.11.4.1: Best poster awards in 27th DAE-BRNS National Laser Symposium held at RRCAT, Indore during Dec. 03 - 06, 2018

Following three posters of RRCAT received the best poster awards of the Indian Laser Association at the DAE-BRNS National Laser Symposium (NLS-27) held at RRCAT, Indore during December 03 - 06, 2018. The award carries a cash prize of ₹2,500 and a certificate. The details of the poster papers are given below:

1. *Title:* Effect of synchrotron x-ray radiation on fiber Bragg gratings written in hydrogen loaded telecommunication and erbium doped fiber

Authors: Sudhir Kumar, J. Kumar, A.K. Agarwal, B. Singh, G.S. Purbia, O. Prakash, S.K. Dixit, S.V. Nakhe

Mr. Sudhir Kumar, SO/D, Fibre Sensors & Optical Spectroscopy Section, who presented the poster paper, received the award.



2. *Title:* K- α x-ray emission spectroscopy in a high contrast ultrashort laser interaction with thin foil target for fast electron characterization

Authors: V. Arora, T. Mandal, A. Moorti, J.A. Chakera

Dr. Vipul Arora, SO/F, Advanced Plasma Acceleration Section, who presented the poster paper, received the award.



3. *Title:* Development of 700 W of single transverse mode all-fiber Yb-doped CW fiber laser at 1080 nm

Authors: Pushkar Misra, Avdhesh Kumar, R.K. Jain, Rajpal Singh, B.N. Upadhyaya, K.S. Bindra

Mr. Pushkar Misra, SA/G, Laser Development & Industrial Applications Division, who presented the poster paper, received the award.


N.11.4.2: Best poster awards at other conference / symposium / theme meetings

1. **Shri Mukund Kumar**, SO/E, received the best poster award at the DAE-BRNS Theme Meeting on Ultra-Fast Sciences (UFS-2018) held at RRCAT, Indore during Oct. 22 - 24, 2018. The award carries a cash prize of ₹ 2,500.

The details of the poster paper are:

Title: High resolution electron time of



flight spectrograph for temporal characterization of ultrashort high order harmonic pulses

Authors: M. Kumar, H. Singhal, A. Ansari, J.A. Chakera

2. **Ms D. Hazra**, SRF, HBNI received the best poster award at the 33rd National Symposium on Plasma Science & Technology (PLASMA- 2018), held at University of Delhi, Delhi during Dec. 4-7, 2018. The award carried a cash prize of ₹ 5,000.



The details of the poster paper are:

Title: Generation of quasi-monoenergetic electron beams through direct laser acceleration using ionization induced injection in high-Z mixed gas target

Authors: D. Hazra, S. Mishra, A. Moorti, R. A. Khan and J. A. Chakera

3. **Shri Priyabrata Mudi**, SRF, HBNI received one of the best poster award during the 63rd DAE-SSPS organized by BARC, Mumbai at Guru Jambheshwar University of Science and Technology, Hisar, Haryana during Dec. 18-22, 2018. The award carries a certificate.



The details of the poster paper are:

Title: Observation of strong photo-induced inverse spin Hall effect in heavily doped n-GaAs.

Authors: P. Mudi, Shailesh K. Khamari and T. K. Sharma

N.12: New Recruits

RRCAT welcomes the following personnel who have joined during July to December 2018.

- Shri Ashwin Pandey, SOC, PHPMD
- Shri Bhuvnesh, SOC, LDIAD
- Kum. Alka, SOC, LBAS
- Shri Gaurav Agrawal, SOC, CDCAS
- Shri Basant Kumar Kumre, ASO(A), ADMIN
- Shri Manoj Soni, ASO(A), ADMIN
- Shri Monil Solanki, ASO(A), ADMIN
- Shri Dinesh Carpenter, ASO(A), ADMIN
- Shri Kharat Jagdish Ramesh, ASO(A), ADMIN
- Shri S.V.R. Krishna Raju Sagi, ASO(A), ADMIN
- Shri Gaffar Khan, ASO(A), ADMIN
- Shri Bhupesh Sharma, ASO(A), ADMIN
- Shri Surendra Kalyane, ASO(A), ADMIN
- Shri Gaurava Chaurasia, ASO(A), ADMIN
- Shri Satyanarayan Jat, ASO(A), ADMIN