**About NSRP-22**

Indian Society for Radiation Physics (ISRP) is happy to announce the 22nd National Symposium on Radiation Physics (NSRP-22) which is being organised at Jawaharlal Nehru University New Delhi during the November 8-10, 2019. The scientific programme of the symposium has the tentative focal theme, Recent Developments in Radiation Physics Research. In comparison with conventional radiation sources, advanced radiation facilities use sources which are highly intense. Such facilities are excellent tools for probing matter and provide a detection level lower than what can be achieved with conventional radiation sources. The symposium will cover the salient features of such facilities, their capability as a potential tool for radiation physics research, the challenges faced and experimental techniques. There will be invited talks by eminent scientists, from India and abroad &amp; oral and poster presentation of contributed papers during the symposium. The event will provide an opportunity for scientists and students to present their work and interact with experts

**Jawaharlal Nehru University**

The University is located, since 1976, on a campus that is spread over approximately 1000 acres of land on the Aravali range in New Delhi. Presently the university has over 7300 students, who come from all parts of the country and abroad, and from all sections of society. There are over 600 faculty members in addition to administrative staff. The ten schools and four special centres of University produce high quality research publications, books, working articles etc. recently JNU has been ranked by the NAAC as the top university in the country.

**Scope of Topics to be covered**

The non-exhaustive list of the tentative topics to be covered in the symposium is given below

1. Advanced Atomic and Nuclear Radiation Sources
2. Radiation physics research at advanced radiation facilities
3. Interaction, transport, and Radiation damage
4. Radiation in material and diagnostic research
5. Energy and Environmental applications of Radiation physics
6. Radiation dosimetry & shielding
7. X-rays, gamma rays and Synchrotron Radiation
8. Ion beams and Particle accelerators
9. Radiation Waste Management and disposal
10. Biological, therapic and diagnostic applications of radiation
11. Characterization and Experimental techniques
12. Theories and models of radiation processes and interactions

**Eligibility/ who should attend?**

The symposium is open to researchers /faculty /scientists /R&D laboratories, working in allied and interdisciplinary areas of radiation physics.

**Publication in Journal/ Proceedings**

Selected quality papers may be published in some good referred journal or as proceedings in conference series

**Registration Fee**

ISRP Members Rs. 3000/-

Non-ISRP members Rs. 4000/-

Students/Research Scholars: Rs. 2000/-

Late Registration fee Rs. 1000/-

Foreign Participants US$ 400/-

***Note: Those who are not the members of ISRP can become Life member of ISRP by paying just Rs. 1100/- and avail the concessional rate of registration in present and all future symposia.***

**Mode of Payment**:

Bank/Online transfer to the following account

**Name: JNU sponsored seminar/Conference**

**A/c number 35404650496**

**Name of bank: State Bank of India**

**Branch JNU New Campus**

**Address Near Godawari Hostel JNU New Delhi-110067**

**MICR Code 110002428**

**Branch Code 10441**

**IFSC code SBIN0010441**

**How to Register**

* Download the abstract template from the symposium website **https://www.nsrp22jnu.org/nsrp-22**
* Prepare the abstract as per instructions given and submit online through the conference management system
* Submit the registration fee after acceptance of the abstract along with payment proof to [**nsrp22jnu@gmail.com**](mailto:nsrp22jnu@gmail.com)

Registration fees include participation in the technical sessions, tea, working lunch dinner and cultural program.. The participation certificates shall be issued only to those who attend the workshop.

**Schedule of program**

**To be announced later on the website**

**For latest updates please keep visiting the website**

**https://www.nsrp22jnu.org/nsrp-22**

**Important Dates**

***Abstract / Full paper Submission July 1, 2019***

***and Registration opens***

#### Abstract Submission ends August 20, 2019

***Abstract Acceptance Notification August 31, 2019***

#### Full paper Manuscript September 30, 2019 Submission ends

***Registration ends October 31, 2019***

**How to Reach JNU**

From anywhere in the city or NCR one can take an Auto/pre-paid Taxi/ Ola/ Uber for JNU new campus post office. Or from New Delhi Railway Station (Ajmeri gate side) you can take the bus no. 604 up to Munirka / Vasant Vihar Depot and then change for the bus no. 615 to reach JNU Campus. Or use metro train from New Delhi railway station to reach Hauz khas and then and take an auto/ taxi to reach JNU new campus. Airport is 5-6 Km from campus, directly get an Auto/pre-paid Taxi.

**Chief Patron**

Prof M Jagdish Kumar VC JNU

**Patrons**

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2. Prof S C Gargoti (Rector, JNU)
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31. Dr. C. Ningappa,  VVIET, Mysore
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**Director**

University Science Instrumentation Centre

Jawaharlal Nehru University

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Web site: [www.jnu.ac.in](http://www.jnu.ac.in)

Email: [**nsrp22jnu@gmail.com**](mailto:nsrp22jnu@gmail.com)

**NATIONAL SYMPOSIUM ON RADIATION PHYSICS**

**Registration Form**

Name……………………………………………………

Designation………………………………………………

Name of Institute/university/College /organisation …………………………………………………………………………………………………………………………

Experience:………………………………………………

Qualifications……………………………………………

Current area of research............................................

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Correspondence Address……………………………

………………………………......................................…

Mobile no………………………………………………….



Phone Number……………………………………………

Email: …………………………..……………..………......

**Details of the registration fee paid**

Mode of Payment: ……………………………….

Date of payment…………………………………..

DD/ Online transaction no………………………..

**Declaration**

I agree with all the rules and regulations for participation in the workshop.

Signature with Date

**Date**

**Place**

**Indian Society for Radiation Physics**

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**NATIONAL SYMPOSIUM ON**

**RADIATION PHYSICS**

**8-10th November 2019**

**Jointly Organised by**

|  |  |  |
| --- | --- | --- |
| **Board of Research in Nuclear Sciences**  **BARC Mumbai** | **Jawaharlal Nehru University (JNU) New Delhi** | **Department of Atomic Energy, Govt. of India** |

**Venue:**

**Convention Centre, JNU, New Delhi-110067**

University Science Instrumentation Centre

Jawaharlal Nehru University

New Delhi-110067