

**NATIONAL CONFERENCE-Cum-WORKSHOP
(RTP-2017)**

on

**Recent Trends in Physics
(06-08 September, 2017)**

Organized By

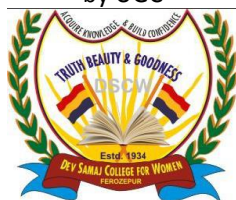
Post Graduate Department of Physics

**Dev Samaj College for Women,
Ferozpur City-152002, Punjab**

NAAC Re-accredited 'A' Grade College (2nd Cycle) with 3.75/4
CGPA (Highest in India, 2013-14) by NAAC Bangalore

**College of Excellence status awarded by the UGC,
New Delhi**

College with Potential for Excellence & Star Science
Department status – awarded by the UGC New Delhi
Establishment of DeenDayalUpadhya Kaushal Kendra
by UGC



In Collaboration with NTSI
(Nuclear Track Society of India)



CHIEF PATRON
ShrimanNirmal Singh
(Chairman DSCW)

PATRON
Dr. Madhu Prashar
Principal
National & State Awardee

Convener
Dr. Asha Arora
Asstt.Prof.
Deptt.ofPhysics

Dear Sir/Madam

DSCW cordially invites you to the three day National Conference cum Workshop on **Recent Trends in Physics(RTP-2017)** under the aegis of Nuclear Track Society of India to be held on 6-8 September 2017.

ABOUT THE COLLEGE

The sapling which was planted 83 years ago in the border area of Punjab has taken the shape the *dense tree under the stewardship of ShrimanNirmal Singh Dhillon, Chairman, DSCW*. DSCW started its journey with only 32 students in the year 1934 has now reached to the pinnacle of its success with more than 4000 girl students. The college has been re-accredited as India's No.1 College (2013-14) by the **National Assessment and Accreditation Council, Bangalore** with an exceptional CGPA of **3.75 out of 4**. It has also been awarded the status of College of Excellence and Community College, with the establishment of **DeenDayalUpadhya Kaushal Kendra** by the University Grants Commission, New Delhi. But we always look forward to the tryst with the golden hours of tomorrow, imitating the sun itself that starts on its upward journey across the skies, never looking back but ever climbing towards the zenith.

Post Graduate Department of Science

The Department of Science which was established in 1960 is conferred with the status of "Three Star Department" by the University Grant Commission under the status of Potential for Excellence. It is running B.Sc. (Medical, Non-Medical and Computer Science) at U.G. Level and M.Sc. Chemistry, Physics, Mathematics, Chemistry, Botany, Zoology and Cosmetology & Health Care at P.G. level. DSCW feels pride in establishing one of the best science departments comparable with the international standards having the most modern twenty labs equipped with most modern international standard fixtures which contain most sophisticated and expensive equipment that can support innovative, cutting edge experiments. The department is committed to excellence in teaching and providing research opportunities in order to enrich learning experience of under graduate and post graduate students.

Post Graduate Department of Physics

The post graduate department of Physics of DSCW is one of the prestigious departments of the institute. The rapid growth of the department is reflected in its expansion under the dynamic stewardship of Dr. Asha Arora, who is a great Physicist and scientist of international repute. The department is committed to excellence in teaching and providing research opportunities in order to enrich

learning experience of the under graduate and the post graduate students. It plays a leading role in conducting national level seminars/workshops/conferences in collaboration with NTSI, UGC, BRNS etc. Workshops, group discussions, guest lectures and competitions like quiz, essay writing, poster making are also organized to enable students to become fully competent in the global community. The department has its unique contribution in the field of physics and human values with the exploration of new frontiers of knowledge and innovations in academics.

About Nuclear Track Society of India (NTSI): It was founded as a professional body in the year 1987 as a cohesive group of Material Science Experts, Nuclear and Geo Physicists & Technologists etc, with multifarious objectives. NTSI has been organizing conference on Solid State Nuclear track Detectors and Their Applications and Their Applications biennially with the prime objective to promote meaningful interaction among scientists working on SSNTDs and their applications in diverse fields

About the Conference

The conference will provide an overview and a perspective on the breadth and types of technologies that may have an impact on the physical sciences enterprise of the future, with the understanding that there are inherent difficulties in anticipating or predicting how any of these technologies alone or in combination will alter the nature of the future threat.

Keeping the above mentioned fact in view, following sub themes will encourage us to understand the modern concept of technology and its being concerned with the advancement in life science –

SUB-THEMES OF THE CONFERENCE

1. Heavy ion Nuclear Physics and cosmic rays
2. Instrumentation, Devices and software
3. Radon, Thoron studies, Applications in environmental and earthquake studies
4. Radiation Measurements and Dosimetry
5. Microanalysis
6. Latent Tracks in Materials and Ion Track Technology
7. Nanosciences and nanotechnology

PRESENTATIONS (Oral/Posters)

The oral presentation should be submitted online at dscw.fzr.physics@gmail.com and the research papers must be in IEEE format and the number of pages should not exceed eight. Extra pages (if any) will be charged @200/- per page. There will be parallel technical sessions for paper presentation. Seven minutes will be allowed for the presentation and three minutes for discussion, LCD projector facility will be available to all.

For poster presentation, each participant will be provided with a board measuring 100 cm x 70 cm for mounting the display of written material diagrams, photographs, etc. There will be Best Paper (oral/poster) award in each category comprising memento, certificate and cash prize of Rs.2100/-.

| IMPORTANT DATES TO REMEMBER | | REGISTRATION FEE | | |
|--|----------|--------------------------------------|------------------------|-------------|
| | | | Early bird 10.08.17 | On the spot |
| Last date for full length paper submission | 28.07.17 | Paper Presenters | Rs.2000 | Rs.2200 |
| Deadline for presenters to register | 10.08.17 | Delegates / Research Scholars | Rs.1500 | Rs.1700 |
| Early bird registration | 10.08.17 | Student | Rs.500 | Rs.700 |

How to register?

Please complete the delegate registration form (attached with the brochure) and send it to the college before 28.07.2017.

The registration fee may be sent by DD in favour of "**Principal, Dev Samaj College for Women, Ferozepur City**".

The registration fee includes Lunch, visit to Indo-Pak Border and all conference material.

Publication

The selected papers submitted to dscw.fzr.physics@gmail.com by the deadline will be published in a **Research Journal/ book** with ISBN. The research paper should be in 2000-2500 words accompanied by abstract (not more than 250 words). It should be typed in MS word in Times New Roman 12 font size, single column, A4 size page set up.

Accommodation

Accommodation to the delegates in Guest House/Hotel shall be provided if requested in advance. For further queries about accommodation contact Er. Prateek Prashar, Dean College Development (98151-88529)

How to reach Ferozepur

The campus is situated 220 km from Chandigarh, 120 km from Ludhiana, 120 km from Amritsar and 375 km from Delhi. It is well connected to various parts of country by rail, road and air. Pakistan border is just 10 km away. A visit to Indo-Pak Husainiwala Border will be organized on 06.09.2017 (on the request of delegates, on or before 07.09.17).

National Advisory Committee (NAC)

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Subbaramu, Ex-BARC, BARC, Mumbai
Zoliana B., GZRSC, Aizwal, Mizoram

CHIEF PATRON

Shriman Nirmal Singh
(Chairman DSCW)

PATRON

Dr. Madhu Prashar (Principal)
National & State Awardee

Co-Patron

Er. Prateek Prashar
Dean, DSCW, Fzr

Convener

Dr. Asha Arora
(Asstt. Prof., PG Deptt. of Physics)
Co-Convener

Prof. S.S. Gill, PG Deptt. of Physics

Organizing Secretary

Prof. Satinderjit Kaur Sethi, PG Deptt. of Physics

Local Organizing Committee

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Prof. KK Prinja, PG Deptt. of Physics
Prof. Sonia, PG Deptt. Of Physics
Prof. Preeti, PG Deptt. of Physics

NATIONAL CONFERENCE cum WORKSHOP

on

"Recent Trends in Physics"

RTP- 2017

(06-08 September, 2017)

Registration Form

Name: _____

Designation: _____

Affiliation: _____

Address: _____

Tel. No.: _____ Mobile: _____

Fax: _____ E-mail: _____

Participation Details:

- Paper presentation/participation
- Title of the Paper

Registration Fee Details:

- Mode of Payment (Multicity Cheque/DD)
- Bank Details
- Amount (In figures & words)

Accommodation required or not.....

(Accommodation in Guest House/Hotel will be arranged if requested in advance)

Name & age of accompanying person(s)

Date: _____ Signature of the Applicant

Please send the filled form to:

Dr. Asha Arora
Asstt. Prof., PG Dept of Physics
Dev Samaj College for Women,
Ferozpur City-152002, Punjab
Phone: 09780441407
01632-222145, 229145
Email Id: dscw.fzr.physics@gmail.com
Website: www.dscwfzr.org