



Swami Swatantranand Memorial College, Dinanagar

A Multi Faculty, Post Graduate Co-Educational Institution

(Accredited with 'A' Grade by NAAC /Affiliated to Guru Nanak Dev University, Amritsar)

Report On

*Two Days Workshop on 'Radiation
Detection and Measurements'*

on

20th to 21st May 2022

Organized by:

P.G. Department of Physics

2021-22

Website: www.ssmdinanagar.org

Email: ssmdnn@yahoo.com

Two Days National Workshop on “Radiation Detection & Measurement” (RDM-2022)

(Research Methodology)

Objective:

- To popularize the beneficial aspects of Nuclear Sciences among students.

Resource Person:

- **Dr. Annu** (Department of Physics, Kurukshetra University)
- **Dr. S. Venkiteswaran** (IANCAS, BARC Mumbai)
- **Dr. P.C. Kalsi** (IANCAS, BARC, Mumbai)
- **Dr. T.S. Bhatia** (Department of Physics, Khalsa College Amritsar)

Department Of Physics, of Swami Swatantranand Memorial College Dinanagar, organized an International Webinar on **“Two days National Workshop on Radiation Detection & Measurement (RDM-2022)”** jointly collaboration with **BARC** from 20-05-2022 to 21-05-2022. **Dr. Annu, Dr. S. Venkiteswaran, Dr. P.C. Kalsi, and Dr. T.S. Bhatia** were invited as the main speakers at the event. Principal Dr. R.K. Tuli welcomed them with utmost respect. Firstly, Coordinator of the Webinar Dr. Ritika Sayal (Head of the Department of Physics) introduced everyone about the features of webinar. Dr. P.C. Kalsi gave some information about the nuclear track detectors. Students got knowledge through practicals that were conducted by worthy resource persons. Students and teachers were awarded with certificates. As a whole, this workshop was very interesting.

Tentative Schedule

Date/Time	Lecture /Tittle	Proposed Speaker
May 20,2022		
9:30 to 10:00 am	Registration of Participants	
10:00 to 10:30 am	Inaugural Function	
10:30 to 11:00 am	Tea	
11:00 to 12:00 pm	Introduction to Radioactivity	Prof. Annu, Physics Department Kurukshetra University
12:00 to 1:00 pm	Interaction of radiation with	Shri Venkiteswaran,

	Matter	IANCAS, BARC Mumbai
1:00 to 2:00 pm	Lunch	
2:00 to 4:30 pm	Practical with Radiation Detectors	

Date/Time	Lecture /Tittle	Proposed Speaker
May 21,2022		
9:30 to10:30 am	Radiation Detectors	Shri Venkiteswaran
10:30 to 11:30 pm	Nuclear Track Detectors	P.C. Kalsi, IANCAS BARC, Mumbai
11:30 to 12:00 pm	Tea	
12:00 to 12:30 pm	Valedictory Function and Distribution of certificates to the participants	
12:30pm	Lunch	

Brochure

IANCAS

NATIONAL WORKSHOP



IANCAS OFFICE BEARERS

Dr. Anil Kakodkar, Patron,
Ex-Chairman, AEC & Secretary, DAE Mumbai.
Dr. P. K. Pujari, President, and former Director,
RC & I Group, BARC, Mumbai.
Dr. S. Kannan, Vice President & Director, RC & I Group,
BARC, Mumbai
Dr. M.S. Batra, President, Northern Chapter of IANCAS
C/o Khalsa College, Amritsar

WORKSHOP CO-ORDINATORS

Dr. P.C. Kalsi, EC Member IANCAS & Former Senior
Scientist RCD, BARC, Mumbai
Dr. Taminder Singh, Secretary IANCAS (N.C)

CHIEF PATRON:
Swami Sadanand Ji
Saraswati
President, SSM College,
Dinanagar

PATRON:
Dr. R.K. Tuli
Principal, SSM College,
Dinanagar

WORKSHOP CONVENER
Dr. Ritika Sayal

P.G. Department of Physics, SSM College, Dinanagar.
M.: 70095-54095 | Email: ssmdnnphysics@gmail.com

ADVISORY COMMITTEE

Dr. N.P.S. Saini (Prof. & HOD, Physics Dept., G.N.D.U.)
Dr. B.S. Bajwa (Prof., Physics Dept., G.N.D.U.)
Dr. Atul Khanna (Prof., Physics Dept., G.N.D.U.)
Dr. D.P. Singh (Prof., Physics Dept., G.N.D.U.)
Dr. Aman Mahajan (Asst. Prof., Physics Dept., G.N.D.U.)
Dr. Anupinder Singh (Asst. Prof., Physics Dept., G.N.D.U.)
Dr. Bindya (Asst. Prof., Physics Dept., G.N.D.U.)
Mr. Prabodh Grover (Asst. Prof. & HOD, Economics,
Mr. Vishal Mahajan (Asst. Prof. & HOD, Mathematics, SSMC)
Ms. Monika (Asst. Prof., Computer Sci., SSMC)
Dr. Rajiv Gupta (Asst. Prof., Physics, SSMC)

Department of Atomic Energy - Board
of Research in Nuclear Sciences
(DAE-BRNS)

IANCAS NATIONAL WORKSHOP on "RADIATION DETECTION & MEASUREMENT" (RDM-2022)

(May 20-21, 2022)
Jointly Organized by



P.G. Department of Physics
S.S.M COLLEGE
Dinanagar, Punjab - 143531



and
**INDIAN ASSOCIATION OF
NUCLEAR CHEMISTS AND
ALLIED SCIENTIST (IANCAS)**
C/o Radiochemistry Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400085

ORGANISING COMMITTEE

- Dr. Shashi Kanta
- Dr. Pardeep Singh
- Dr. Hirdesh
- Dr. Harinder Kaur
- Dr. Sunny
- Mrs. Reena
- Mrs. Kavita
- Mr. Yashpal
- Mr. Amit Mahajan

☎ 01875-220015/16 ✉ ssmdnn@yahoo.com
🌐 www.ssmdinanagar.org 📍 Dinanagar (Punjab)



ABOUT THE COLLEGE



Swami Sadanand Memorial College, one of the prestigious institutes of the area, is the only co-educational college, accredited with 'A' Grade by NAAC in two districts (Pathankot and Gurdaspur). It is a multi faculty, Post graduate, government aided premier institution established in 1973 in the sacred memory of Swami Sadanand Ji, a staunch Arya Samajist, freedom fighter and social reformer and founder of Dayanand Math Dinanagar. The foundation stone was laid down by Swami Sarvanand Ji, the foundation head of institution. At present, it is being run under the judicious and sagacious guidance of Swami Sadanand Ji, the present acharya of Dayanand Math, along with other members of the Management Committee.

During the last 49 years, the seed sowed by early founders of the college has grown into a full fledged tree to take the legitimate pride in rendering meritorious services in this rural backward and border belt area by carving a niche for itself in the educational spheres. Endeavouring to be one of the best and speedy growing institutions, the college has been expanding its wings in all fields by adhering to moral values as its strength. In overall performance, the college is accredited with 'A' Grade by NAAC. In Academics, the college has captured many top positions in GND University examinations in all PG & UG courses. Our NCC cadets have been awarded by our worthy Prime Minister Shri Narendra Modi in RDC group. In sports, it is the only college in GND University having the honour of winning fourteen times Overall Sports Trophy (B-Division). In co-curricular activities, the college has been winning laurels since many years.

ABOUT THE WORKSHOP

The Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) (www.iancas.org) was founded in 1981 with an objective to popularize the beneficial aspects of nuclear sciences & applications of radioisotopes/radiations in science, technology, food, agriculture & health-care among the academic community. The workshop, which is sponsored by DAE-BRNS, will provide a forum for mutual interaction among faculty members of science and technology from various educational institutes and research organizations and experts from DAE. Eminent scientists from DAE & some other reputed institutes will be the resource persons of the workshop. Most of the lectures will be supplemented by laboratory experiments for the benefits of the participants. The program will also consist of a keynote lecture on DAE program, BRNS activities & research funding opportunities in basic and nuclear sciences for the benefit of participants associated with teaching & research.

ELIGIBILITY & CALL FOR PARTICIPANTS

Applications are invited in the enclosed "Participation form" from mainly faculty members and research scholars in the relevant areas like Nuclear Science and Technology, Chemistry, Physics, Bioscience/Biotechnology, Health Science and Pharmaceutical chemistry etc. The duly filled participation form (enclosed or its photocopy) can be sent to convener till 16 May 2022. Selection of participants will be done on the basis of first come first serve. Selected participants will be informed through e-mail.

PARTICIPATION FEE

For Faculty & Scientists Rs. 500/
For Research Scholars & Students Rs. 300/
Send DD/multicity Bank Cheque (Scanned copy of the same in advance) in favour of Principal, SSM College, Dinanagar. (Mention your name & contact number on the backside of DD)
For accommodation, separate charges will be applicable



PARTICIPATION FORM

DAE BRNS-IANCAS National Workshop
on
"Radiation Detection and Measurement"
(Send the filled form by e-mails or
post before May 16, 2022)

Name:.....
Designation:.....
Organization:.....
Area of Research/Teaching:.....
Address:.....
Details of DD (No./Date):.....
Accommodation Required: Yes/No
Contact No.:.....
E-mail:.....
Date:.....
Place:..... Signature

SEND PARTICIPATION FORM TO

Dr. Ritika Sayal (Convener)
P.G. Department of Physics
SSM College, Dinanagar- 143531
Mobile No.: 98721-38771
E-mail: ritikaphy001@gmail.com

Inaugural Session



Talk session by Dr. Annu and by Shri Venkiteswaran





Valedictory & Certificates Distribution



News Report


National Workshop on Radiation Detection and Measurements organized at SSM College



JASPOONAM KOHLI
DINANAGAR, MAY 23

A two-day National Workshop on Radiation Detection and Measurements was organized at SSM College in collaboration with the Post Graduate Department of Physics and Northern Chapter of Indian Association of Nuclear Chemists and Allied Scientists Bhabha Atomic Research Center Mumbai under the leadership of Principal Dr. RK Tuli. In which Dr. PC Kalsi of IAN CAS, BARC Mumbai, Dr. S. Venketshwara, Prof. Anu Sharma of Kurukshetra University, Dr. Taminder Singh of the Department of Physics, Khalsa College Amritsar participated as keynote speakers. First of all, the principal, on reaching the college, duly welcomed the key speakers in the two-day workshop. The workshop was inaugurated by lighting the Vidya Jyoti by the keynote speakers. After that Prof. Dr. Ritika of the Department of Physics apprised everyone about the program outline of the two-day National Workshop.




Principal
SWAMI SWATANTRAMAND MEMORIAL COLLEGE
Dinanagar (Gurdaspur)