

प्रो. पी. क्रिस्टोफर सेल्विन  
कुलसचिव

Prof. P. Christopher Selvin  
Registrar



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### **Sub: SPORTS FACILITIES**

All the CIs/OCC have excellent facilities for sports, auditorium for cultural activities, and multi - purpose halls in the campus. For the sake of brevity, examples of facilities available in some of the institutions are described below.

A majority of the students and the faculty of BARC stay in Anushaktinagar. The colony has very good facilities for sports. There are many Badminton courts, Tennis courts, Basket Ball court, Cricket grounds, Football grounds, and multi - purpose halls for indoor games and yoga. There are two community halls for cultural activities. In addition, DAE Convention Centre is used to organize seminars/conferences beside conducting many cultural activities. All these facilities are open for use by students.

At IGCAR, the research scholars stay in an Enclave with exclusive facilities of mess, sports, indoor and outdoor games and cultural activities. There are sports facilities exclusively for the Scholars and also common facilities which can be used by other Students. Some of the facilities are shuttle court, swimming pool, cricket and hockey grounds, tennis court, table tennis, chess, carom, etc. Students participate in various sports competitions within institution and also at inter unit levels.



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The student hostel of the Institute of Plasma Research has sports room for indoor games. The Gymnasium room has manual treadmill, flat bench, inclined bench, multifunctional machine, dumbbells, rotatable stand, etc. The outdoor games such as shuttle badminton, volleyball are played by the students. Sports event competitions are also conducted in the institute.

A sport facility centre at Anushaktinagar, Mumbai, is given below.



  
(Prof.P.C. Selvin)





IOP\_Auditorium



IOP\_Gymnasium



IOP\_Sports\_facility



RRCAT\_Convention\_Centre



RRCAT\_Convention\_Centre\_2



RRCAT\_Gymnasium



RRCAT\_Sports\_1



RRCAT\_Sports\_2



RRCAT\_Yoga\_Centre



SINP\_auditorium



SINP\_Gymnasium



# HRI\_Auditorium\_1



HRI\_Auditorium\_2



**Arail Uparhar, Uttar Pradesh, India**

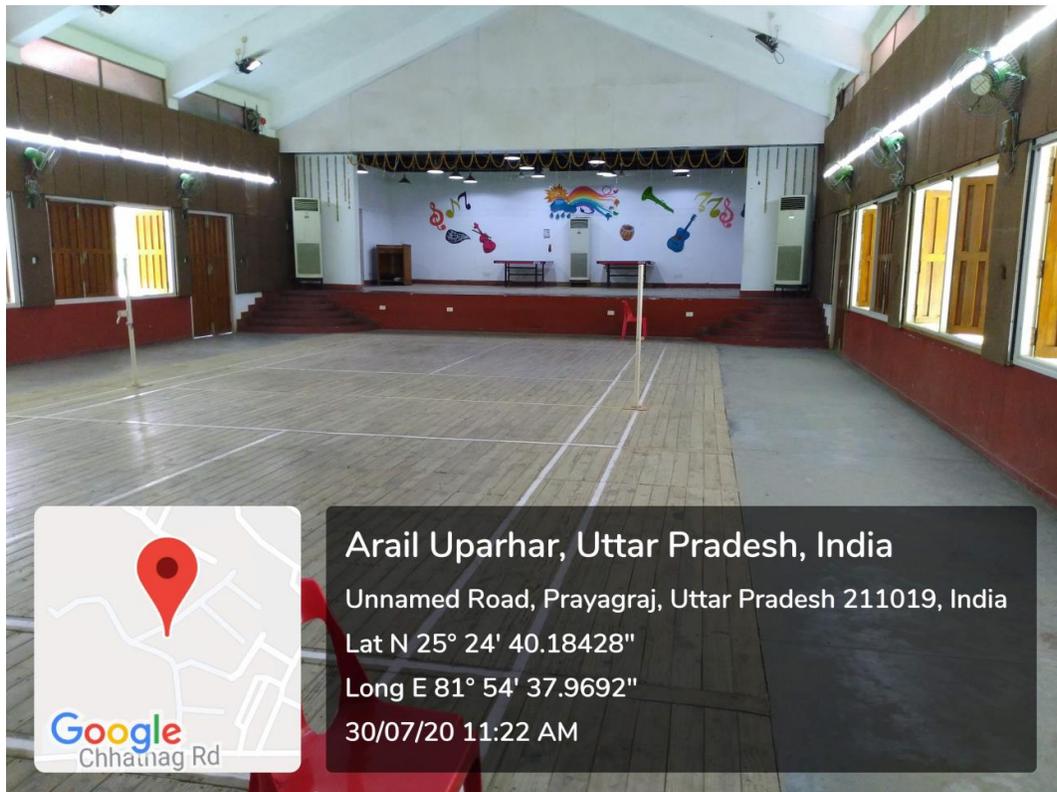
Chhatnag Rd, Arail Uparhar, Uttar Pradesh 211019, India

Lat N 25° 24' 41.73408"

Long E 81° 54' 30.36708"

30/07/20 11:08 AM

HRI\_Badminton\_Table\_Tennis\_Court



**Arail Uparhar, Uttar Pradesh, India**

Unnamed Road, Prayagraj, Uttar Pradesh 211019, India

Lat N 25° 24' 40.18428"

Long E 81° 54' 37.9692"

30/07/20 11:22 AM

HRI\_Community\_Yoga\_Centre



DAE\_Convention\_Centre\_2



DAE\_Convention\_Centre\_Anushaktinagar



**11. Institutional Efforts/Initiatives in Providing an Inclusive Environment (Tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities):**



Glimpses of the Staff Club Indoor tournaments

**12. Sensitization of Students and Employees to Constitutional Obligations (Values, rights, duties, and responsibilities of citizens):**

**EMPLOYEES WATCHING SKIT ON CORRUPTION**



## SENSITIZING STUDENTS OF NEARBY VILLAGE ON BRIBE AND CORRUPTION



### ANTI RAGGING OATH TAKING CEREMONY



**13. Institution Celebrates/Organizes National and International Commemorative Days, Events, and Festivals:**

**TALK ON WOMEN'S DAY**



#### 14. Outreach Activities, Sports Activities, and Other Events (Including yoga, physical fitness, health, and hygiene activities):

Outreach activities of Institute for Plasma Research for the period between April 2024 – December 2024 are summarized as below

##### Off-Campus Events (Plasma Exhibitions)

##### April 2024

- The off-campus exhibition events had been organized by IPR Outreach Division at **Gitanjali Institute of Technical Science, Udaipur, Rajasthan** in the month of April'24 and as National Technology Day, Science City, Ahmedabad. The event in Udaipur - The Fourth State of Matter, held from **15th to 19th April, 2024**. This program was a part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The event was inaugurated by the Director of GITS, Dr. Narendra Singh Rathore. About 60 students of 1<sup>st</sup> Year Engineering course participated as volunteers. Over 3000 students from over 48 schools and colleges in Udaipur visited the exhibition. A quiz program was also conducted for school students and Tokamak assembly competition was conducted for the volunteers.



##### May 2024

- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with **Gujarat Science City, Ahmedabad and GUJCOST** celebrated the National Technology Day by organizing a series of events at the Gujarat Science City, Ahmedabad on **11th May, 2024** with the theme "**Technology for Viksit Bharat**". This program is a part of IPR's scientific outreach activity under the auspices of "70 years of DAE" celebrations. The event was inaugurated by Dr. Narottam Sahoo, Advisor and Member Secretary, GUJCOST. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion for science teachers, students and public. UG students of MG Science College Ahmedabad participated as student volunteers for the exhibition. Over 1500 people visiting the science city also visited the exhibition.



July 2024

- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with Smt. P.D.Shroff Sanskardeep Vidhyalaya, Ankleshwar (Gujarat) organized an exhibition on Plasma, "The Fourth State of Matter" during **09-11 July, 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The event was inaugurated by the district collector, Mr. Tushar Sumera. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion for science teachers. Thirty two students of 9th and 10th standard from the host school were trained by IPR staff to explain the various exhibits to visiting public. Over **1700** students and teachers from over **17** schools and colleges in Ankleshwar and Bharuch visited the exhibition.





## August 2024

- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with **Parvathaneni Brahmaya Siddhartha College of Arts & Science, Vijayawada** (Andhra Pradesh) organized an exhibition on Plasma, "The Fourth State of Matter" during **05-09 August, 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion. Seventy two students from the host college were trained by IPR staff to explain the various exhibits to visiting public. Over **5000** students and teachers from over **72** schools and colleges in and around Vijayawada visited the exhibition.





- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with Bhavan's Vivekananda College, Secunderabad (Telangana) organized an exhibition on Plasma, "The Fourth State of Matter" during **12-14 August, 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion. **76** students from the host college were trained by IPR staff to explain the various exhibits to visiting public. Over **1750** students and teachers from over **19** schools and colleges in and around Secunderabad visited the exhibition





- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with Muktajivan English School, Maninagar, Ahmedabad (Gujarat) organized an exhibition on Plasma, "The Fourth State of Matter" during **21-23 August, 2024**. This program is part of IPR's scientific outreach activity in rural areas across Gujarat under the auspices of "70 years of DAE" celebrations. The event was inaugurated by the **Director, Muktajivan group of Education**. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion. 32 Students of 11th and 12th standard from the host school were trained by IPR staff to explain the various exhibits to visiting public. Over **1200** students and teachers from nearby schools visited the exhibition.



September 2024

- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with Sir Pratap School Idar (Gujarat) organized an exhibition on Plasma, "The Fourth State of Matter" during **25-27 September, 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion for school and college students and teachers/faculty. Over **2000** students and teachers from over **22** schools and colleges in Idar visited the exhibition.



October 2024

- Institute for Plasma Research (IPR), Gandhinagar (Gujarat), in association with **Noble University, Junagarh (Gujarat)** organized an exhibition on Plasma, "The Fourth State of Matter" during **08-10 October, 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of "70 years of DAE" celebrations. The programme consisted of an exhibition on plasma, its applications as well as introductory talks on plasma for visiting students and training program on plasma, its applications and nuclear fusion for school and college students and teachers/faculty. Students from the host school were trained by IPR staff to explain the various exhibits to visiting public. Over **4450** students and teachers from over **31** schools and colleges in and around Junagarh visited the exhibition



- The Outreach Division organized on 13-9-2024 an **induction programme** for the new recruits (TO-C, ITSO and SA-B) who joined on or after January 2024. The new recruits were informed about their responsibilities and obligations as per IPR's administrative rules & procedures which would include matters related to leave, attendance, conduct, pension and other general administrative matters to be followed by the staff. The speakers were

Dr. Paritosh Chaudhury

Mr. Gattu Ramesh

Mr. Niranjana Vaishnav, CAO

Mr. Tejas Parekh

Visit to IPR labs (Aditya, SST1, Neutronics, robotics & remote handling, ITER India labs) were also organized





- The Department of Atomic Energy (DAE) has significantly contributed to numerous national and international programs over the past seven decades. To honour these achievements and chart a course for future advancements, DAE organized its inaugural **Conclave from October 22-26, 2024, at National Institute of Science Education and Research (NISER) Bhubaneswar** as part of its Platinum Jubilee Celebrations. This landmark event brought together experts and participants from all DAE units and its aided institutions, offering a vibrant platform to showcase their scientific and

technological accomplishments. The institute actively participated in the Conclave, presenting its cutting-edge research and developmental activities through five posters and 16 videos, highlighting its contributions to advancing plasma science and technology. Additionally, many models were also presented by the IPR Outreach Division, further enhancing the interactive experience at the event. Director IPR has delivered a comprehensive talk, shedding light on its pioneering work and vision for the future. The following five posters were presented from IPR that included those from IPR Outreach Division:

1. Plasma Pyrolysis Technology for Safe Disposal of Organic Waste
2. AI & High-Performance Computing for Scientific Research & Medical Diagnosis
3. 14 MeV Neutron Generators: Bridging the Gap between Research
4. Fundamental Plasma Research Activities at IPR
5. TOKAMAK: A Pathway to Nuclear Fusion

This event underscored DAE's enduring legacy and its commitment to fostering innovation and collaboration across its institutions, paving the way for ground-breaking advancements in science and technology. The Outreach division of IPR also displayed their poster



## November 2024

- IPR Gandhinagar participated in "**Amalthea 2024**", Annual Technology exhibition organized by Indian Institute of Technology (IIT), Gandhinagar during **9-10 November 2024**. Amalthea is a student-run annual technical summit. The event consisted of several tech exhibitions including robotics, AI and mobility based innovations. Several industry and national R & D institutions participated in the event. IPR exhibited working and static models related to Tokamak, ITER, Wiggler Experiment, Plasma for Grooming and Ion thruster. Around **800** visitors from schools, colleges and industry visited IPR exhibition stall during the event.



- Plasma Exhibition was organized in **Dr. B.C. Roy Engineering College (BCREC), Durgapur from 1 Nov'24 to 14 Nov'24**. The event was organized by Dept. of Basic Science and Humanities, BCREC in collaboration with IIPC, BCREC and The Viswagandha Society, Durgapur, whose mission is to enrich the scientific minds of Young Bengal through interfaces with Scientific Organizations of the country. The Inaugural Session comprised collective watering of sapling by distinguished guests, followed by a felicitation ceremony where the Principal BCREC, Dr. Sanjay S Pawar, Chief Advisor, BCREC Group of Institutions, Dr. Saikat Maitra, HOD BSH, Dr. Saurav Ranjan Das, HOD ECE, Dr. Mrinmoy Chakraborty, Shri and Madam Kabiraj did the honours. About 640 students and 70 teachers from different educational institutes attended the exhibition with great zeal.



- Plasma Exhibition was organized in **Rani Durgavati Vishwavidyalay (RDV)** Jabalpur by IPR Outreach. Member of Parliament (Jabalpur) Shri Ashish Dubey, Inaugurated the exhibition. The Vice Chancellor of RDV Prof. Rajesh Kumar Verma presided over the event, the faculty members of the Department Physics and Electronics of RDV (Prof. Rakesh Bajpai, Dr. R. K. Dubey, Dr. Rinkesh Bhatt, Dr. D. K. Pandey, Dr. (Mrs.) Pallavi Shukla, University staff members, faculty members of local degree and PG colleges, students and teachers of local schools, and foremost the science enthusiasts and volunteers among the students of UG & PG science courses of RDV. The overwhelming response of enthusiastic school and college students while going through the exhibitions was very pleasing, satisfying and encouraging. About **1600 students and teachers from about 30 colleges** and schools and members of **Ordinance Factory Jabalpur** visited the exhibition, which had both static and working models and resource materials and attended the lectures delivered by the members of Outreach Division.







- Institute for Plasma Research (IPR) Gandhinagar (Gujarat) in association with Shri Sardar Patel And Swami Vivekanand School (Ahmedabad) organized an exhibition on plasma, "The fourth state of matter" during **28th & 29th November 2024**. This program is part of IPR's scientific outreach activity in various states of India under the auspices of 70 years of DAE Celebrations. **The event was inaugurated by Shri Vadibhai Patel (ex. principal of GLS college Ahmedabad) and their past student Shri Deven Mistry and Shri Ajaybhai chokshi Managing Director of Shri Vivek Education Trust.** About 2200 students and teachers visited the exhibition and quenched their curiosities on plasmas.





## December 2024

- For the first time a 2-day Hands-on **Basic Science Camp** for School students from class 10<sup>th</sup> to 12<sup>th</sup> was conducted by Outreach Division on **7th and 8th Dec 2024** (Sat & Sun) at Outreach Hall, IPR. The theme for this hands-on camp is **Electricity, Electromagnetism and Electromagnetic Induction**. For the first camp, the children of IPR staff were invited. 22 students registered and 20 students participated on both the days. The students were provided with practical booklet, writing materials, brief explanation about each experiment. The experiments were conducted in four half-day sessions supervised by scientists of IPR: Mr. Sunil Belsare, Mr. Prakash Parmar, Dr. Jyoti Sankar

Misra, Ms. Pramila, Ms. Praveena, Ms. Minsha Shah, Mr. Deepak kumar, Mr. Abhishek, Mr. Rahul Kumar, Mr. Pritesh Kumar Ray, Mr. Saurav kumar, Ms. Priyanka Patel and members from Outreach Division: Dr. Nirav Jamnapara, Mr. Manu Bajpai, Mr. Narendra Chauhan, Mr. Rahul Vishwkarma, Mr. Anand Kumar and Mr. Gattu Ramesh Babu. Special thanks to Mr. Dasharath Sonara and Ms. Aneesh for developing superconducting and temperature dependency experiment for this science camp.





- Plasma Exhibition in the 39<sup>th</sup> National Symposium on Plasma Science and Technology (Pandit Deendayal Energy University – PDEU) was organized. It was inaugurated by Shri K. N Vyas (Ex-Secretary, DAE). IPR-Director Dr. Shashank Chaturvedi was the guest of honour. Nearly 400 students and 20 teachers visited exhibition.



