

**A Report on the celebration of  
DAE Iconic Week for “Azadi Ka Amrit Mahotsav”  
at  
Institute for Plasma Research (IPR), Gandhinagar  
(22-28 August 2022)**



आजादी का अमृत महोत्सव  
**Azadi Ka Amrit Mahotsav**



पऊवि आइकॉनिक सप्ताह  
**DAE Iconic Week**

**(22 - 28 अगस्त August, 2022)**

प्लाज़्मा अनुसंधान संस्थान **Institute for Plasma Research**  
गांधीनगर, गुजरात **Gandhinagar, Gujarat**

## Report of events organized by IPR under the aegis of “आज़ादी का अमृत महोत्सव”

IPR has celebrated the ICONIC Week as a part of AKAM campaign, by conducting a week long celebrations from 22-28 August, 2022. In addition to organizing various events at IPR campus, the week long program on "**Plasma, its Applications and Nuclear Fusion**" also has been organized jointly by IPR Outreach Division and Dept. of Physics, BIT (Mesra), at their BIT off-campus Jaipur. This program named "**Plasma Gyan**" which includes exhibition (20 live exhibits on plasma, static models, posters and other interactive resource materials such as books and a comic book), training and popular talks for various schools/colleges students and teachers.

Below are the some highlights of the events organized at IPR campus:

- 22/08/2022: Commencement of Iconic by Tree Plantation program in IPR Campus;
- 23/08/2022: Visit of 70 students from Deaf and Dumb School, Ahmedabad to IPR;
- 24/08/2022: Visit of 64 students from Deaf and Dumb School, Ahmedabad to IPR;
- 25/08/2022: Visit of 55 students from SSIT Engineering college, Gandhinagar to IPR;
- 25/08/2022: AKAM Lecture on “**Towards centenary celebrations**”, by Dr. Indira Nityanandam, Director, Bharatiya Bhasha Sanskriti Sansthan, Gujarat Vidyapith;
- 26/08/2022: AKAM Webinar on “**AtmaNirbhar Bharat: Indian GNSS Paradigm and international trends**”, by Dr. Surendra Pal, Retired Vice-Chancellor of Defense Institute of Advanced Technology (DIAT), Pune, DRDO

There are various competitions also have been organized on the subject of Azadi Ka Amrit Mahotsav or Atmanirbhar Bharat

- Essay Writing (for IPR staff members and students): on the subject of
- Slogan writing ( For family members of IPR staff members):
- Poster making (For the children (upto class 12) of IPR staff members):

**Day-1 ( 22/08/2022): Tree Plantation Program at IPR**



**Day-1 (22/08/2022): Tree Plantation Program at IPR**



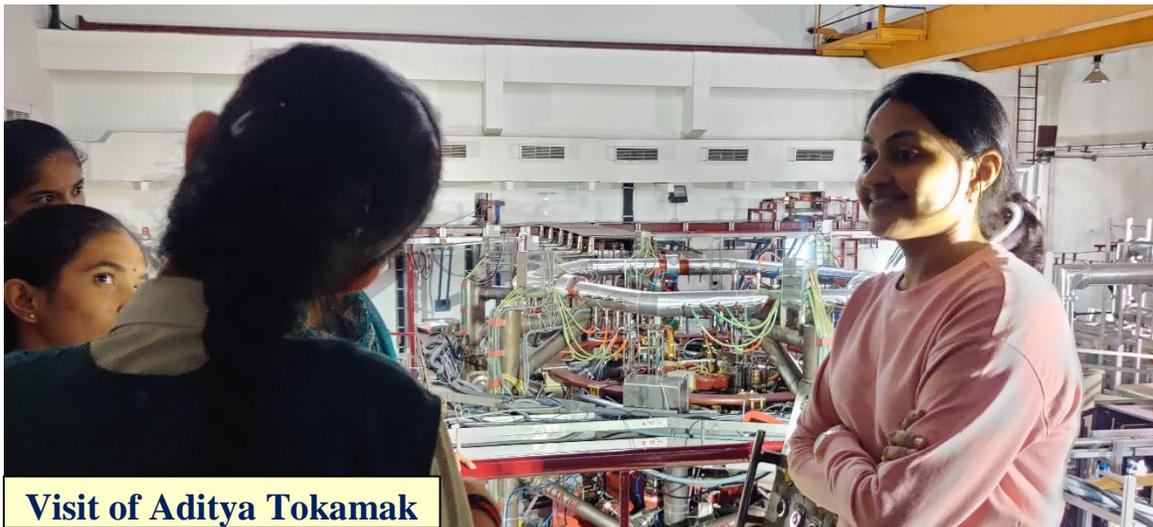
## Day-2 (23/08/2022): Visit of Deaf, Dumb and Blind students from Ahmedabad







Visit of SST Tokamak



Visit of Aditya Tokamak







**Visit of SST Tokamak**

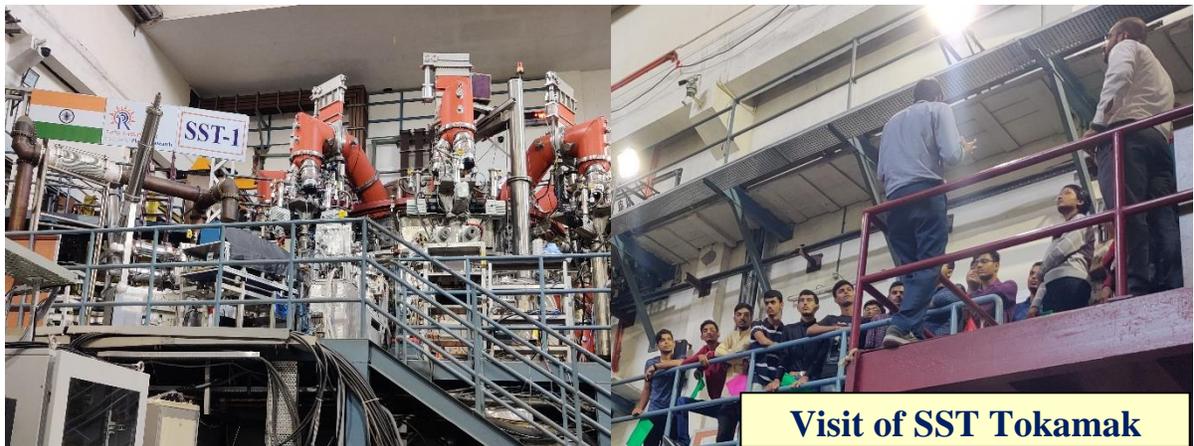


**Visit of Aditya Tokamak**





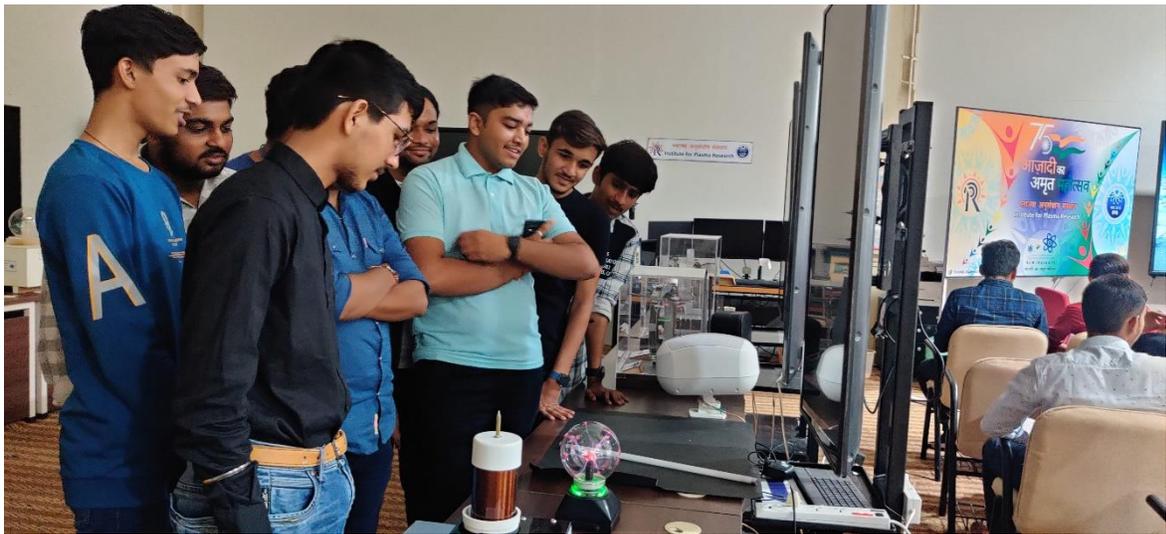
## Day-4 (25/08/2022): Visit of Students from Shree Swaminarayan Institute of Technology (SSIT), Gandhinagar



Visit of SST Tokamak

**Visit of Aditya Tokamak**





## Day-4: AKAM Lecture on Towards centenary Celebrations



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पञ्चवि आइकॉनिक सप्ताह **DAE Iconic Week**  
(22 - 28 अगस्त August, 2022)  
**AKAM Lecture on Towards centenary celebrations**  
By  
**Dr. Indira Nityanandam**  
Director, Bharatiya Bhasha Sanskriti Sansthan, Gujarat Vidyapith  
**25/8/2022 (Today) : 3.00 pm : Seminar Hall**  
प्लाज़्मा अनुसंधान संस्थान **Institute for Plasma Research**





Dr. Indira Nityanandam

Dr. Indira Nityanandam, Principal (Retd.), Smt. S.R.Mehta Arts College, Ahmedabad, Director, Bharatiya Bhasha Sanskriti Sansthan, Gujarat Vidyapith, was Visiting Faculty at IIM (Ahmedabad) and at EDI (Gandhinagar). She also teaches PG classes at the SAP Centre, Gujarat University and at St. Xavier's College, Ahmedabad. With more than 4 decades of teaching experience, she has written and presented papers at National and International Conferences, guides M.Phil. and PhD. scholars, has been a resource person at the Gujarat. She has published 6 books and edited 8. Among her latest achievements is Altitudinis, a novel penned by ten authors and Varanasix with 2 authors. Another recent feather to her cap is the publication of Translation Studies: Approaches and Practice co-edited by her and she has also edited a book on Amitav Ghosh.



**Day-5 (26/08/2022): AKAM Webinar on AtmaNirbhar Bharat:  
Indian GNSS Paradigm and international trends**



आज़ादी का अमृत महोत्सव

**Azadi Ka Amrit Mahotsav**



**परुवि आइकॉनिक सप्ताह DAE Iconic Week**

**(22 - 28 अगस्त August, 2022)**

**AKAM Webinar on AtmaNirbhar Bharat**

**Title: Indian GNSS Paradigm and international trends**

**Speaker: Dr. Surendra Pal,**

**Retired Vice-Chancellor of Defense Institute of Advanced Technology (DIAT), Pune, DRDO**

**26/8/2022 : 11.00 am, Link: <https://meet.google.com/urw-yhkf-vnd>**

**प्लाज़्मा अनुसंधान संस्थान Institute for Plasma Research**



Dr. Surendra Pal is a researcher and an academician of international repute having more than 52. years of experience in the field of Antennas, Microwaves, Space Communication and Satellite Navigation. He is Former: Vice-Chancellor of Defense Institute of Advanced Technology (DIAT), Pune, DRDO Dr.DS Kothari Chair, President of IETE (2012-2014), Distinguished Scientist, Prof. Satish Dhawan Professor, Senior Adviser, Satellite Navigation (ISRO) .

Dr. Pal was the founder Programme Director of Indian Satellite Navigation Programme. GAGAN and NaVIC. The NaVIC (IRNSS) constellation is a unique constellation at GEO orbit for Regional Navigation, providing better position and timing, stand-alone, for accuracies, for navigation. GAGAN is certified and handed over to Air Port Authority of India. For NAViC Indian defense and security agencies will be the main user, will be independent of GPS and GLONASS Uses. It is a great development for the country. Among the many honours, recently Academy of CSIR has announced him to be conferred Academy Professor, a rare honor to an individual.



Surendra Pal is presenting

### Recovered data signal

**Ideal signal**

**Real Signal with noise and clock error**

Parameters:  $T = 1 \text{ ms}$  and  $B_c = 1 \text{ Hz}$   
(No Noise,  $B = 8 \text{ MHz}$ ,  $C_1 = 0.0001$  - 1 Stable)

Parameters:  $T = 1 \text{ ms}$  and  $B_c = 1 \text{ Hz}$   
(With Noise,  $B = 16 \text{ MHz}$ ,  $C_1 = 0.0001$  - 1 Stable)

11:48 AM | urw-yhkf-vnd

Surendra Pal is presenting

### Advantages

- Ease of Navigation
- Used for Military and Civilian purpose
- GIS information system
- Economic benefits – easy, shortest, faster
- Location based system
- Host of application : Science, Agriculture, Air, Land, Sea transportation, Space, Defense, Timing, Survey, weather info.
- Personal Navigation - Getting Smart by adding PVT

11:51 AM | urw-yhkf-vnd

urw-yhkf-vnd



**Banners on DAE Iconic week at the prominent locations in IPR Campus**



**Banner at the IPR Main Building**



**Banner at the IPR New Building**



**Banner at the IPR Second Gate**



**Posters on AKAM are displayed at the  
corridor and other places in IPR Campus**





## Posters prepared for on AKAM for displaying

हम सभी ने मिलकर ठाना है,  
आज़ादी का अमृत महोत्सव  
को धूमधाम से मनाना है।

**INDIA**

Let us celebrate "Azadi Ka Amrit Mahotsav"  
DAE Iconic Week (22 - 28 August, 2022)  
Institute for Plasma Research, Gandhinagar

हम सभी का साथ हो,  
जन जन का प्रयास हो,  
ऐसा आज़ादी का  
अमृत महोत्सव  
हम सभी का खास हो

हर मन का  
ये उत्सव है,  
आज़ादी का  
अमृत महोत्सव है।

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आज़ादी का अमृत महोत्सव हम सभी को मिलकर मनाना है  
जन जन की भागीदारी से भारत को आत्मनिर्भर बनाना है।

CELEBRATE  
75 YEARS OF INDIA'S INDEPENDENCE

साथी हाथ बढ़ाना, मिलकर आगे बढ़ते जाना  
मिलकर सभी ये आज़ादी का अमृत महोत्सव मानना ।

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आज़ादी का अमृत महोत्सव है अमूल्य रत्न  
इसे मिलकर सभी मनाने का करे प्रयत्न ।

इस वर्ष मनाएंगे हर मन का उत्सव,  
जो कहलाएगा आज़ादी का अमृत महोत्सव...

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75वां स्वतंत्रता दिवस है आज़ादी का त्यौहार,  
हर भारतवासी करे देश में अपना योगदान



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आज़ादी का  
अमृत महोत्सव



यही समय है, सही समय है, भारत का अनमोल  
समय है। असंख्य भुजाओं की शक्ति है, हर तरफ  
देश की भक्ति है। तुम उठो तिरंगा लहरा दो, भारत  
के भाग्य को फहरा दो

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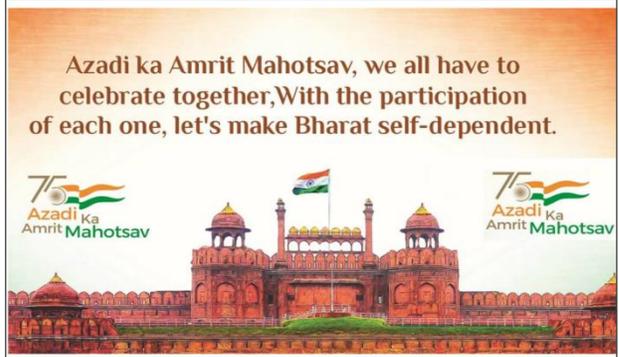
INDIA @75  
**75 AZADI KA AMRIT MAHOTSAV**  
COMMEMORATING  
75 Years of INDEPENDENCE



DAE Iconic Week (22 - 28 August, 2022)  
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Azadi ka Amrit Mahotsav, we all have to  
celebrate together, With the participation  
of each one, let's make Bharat self-dependent.



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