

RESUME

PREDHIMAN K KAW

1. **Name in Full** Predhiman Krishan Kaw
2. **Date of Birth, Country & Nationality** 15th January 1948, India, Indian
3. **Affiliation and its address** Institute for Plasma Research
Bhat, Gandhinagar 382428, Gujarat State, India
4. **Home Address** 18, Jayantilal Park, Ambli-Bopal Road
Ahmedabad 380 059
5. **Present Position** DST Professor
6. **Positions held :**

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| 1982-to 2013 | Founder Director of Institute for Plasma Research (IPR), Bhat, Gandhinagar 382 428, an internationally renowned and competitive premier Institute of the Department of Atomic Energy, Government of India. The Institute has programmes in controlled magnetic fusion, fundamental plasma sciences and industrial application of plasmas. It spearheaded the program for India's participation in ITER* and has set up a separate entity, ITER India, to follow up on the participation. IPR and ITER India together employ about 500 scientists/engineers, have a rough 5 year budget of about US \$ 750 million and today form the cradle of plasma and fusion technology development in India. |
| 1975-82 | Principal Research Physicist, Princeton Plasma Physics Laboratory and Lecturer with the rank of Professor in Astrophysical Sciences, Princeton University, Princeton, New Jersey |
| 1971-75 | Associate Professor / Professor, Physical Research Laboratory, Ahmedabad, India |
| 1967-71 | Postdoctoral fellow / Research Staff member, Princeton Plasma Physics Laboratory and Lecturer with the rank of Assistant Professor, Astrophysical Sciences, Princeton University, Princeton, NJ |

7. Other Honorary Positions Held :

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| 1989 | Chairman, International Conference of Plasma Physics , New Delhi |
| 2000-2002 | Chairman, Commission on Plasma Physics, International Union of Pure & Applied Physics |
| 2000-2007 | Chairman, IFRC (International Fusion Research Council) of International Atomic Energy Agency (IAEA) |
| 2007-2009 | Chairman, Science and Technology Advisory Committee of ITER Council |
| 2007- to date | Member IFRC, IAEA |
| 2009- to date | Member ITER Council |
| 2013- | Associate Editor, Physics of Plasmas, Am Instt of Physics |
| 2012- | Associate Editor, Physica Scripta |

8. Other Distinctions :

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| 1985 | Padma Sri One of the highest Civilian awards of Govt of India |
| 1991 | Ghent University Belgium Doctoris Honoris Causa |
| 1992 | Artsmovitch Memorial Lecture at Fusion Energy Conference, Wurzburg 1992 |
| 1992 | Distinguished Alumni Award, Indian Institute of Technology Delhi, New Delhi |
| 1999 | APS Centennial Celebrations Plenary talk, Atlanta |
| 2006 | Indian National Science Academy Albert Einstein Research Professorship |
| 2009 | Physics Prize of Third World Academy |

* ITER is the International Fusion Energy Experimental Reactor being built on the European site of Cadarache (France) by Europe, China, Japan, Russia, South Korea and United States of America and is one of the largest International Research Projects in the world.