

# Prasanta Kumar Sinha

## Professor & Principal

**Qualifications:** B.E & M.Tech, from NIT Durgapur.

Ph.D (Engg.) from Jadavpur University.

**Interest/Research :** Experimental Fluid Dynamics , Aerodynamics and Design of Machine Elements.

**Email Id :** pksinha@rahul.ac.in

### **Detailed Qualification:**

Ph. D (Engg.) from Jadavpur University in 2011

M. Tech in Mechanical Designs of Machines with 1st Class (1991).

B. E in Mechanical Engineering with 1st Class (1984).

### **Teaching Interests:**

Mechanical Designs of Machines Advanced Fluid Dynamics, Machine Design, Hydraulics Machines & Turbo Machinery.

### **Research Interests:**

Experimental Fluid Dynamics, Aerodynamics and Design of Machine Elements.

### **Honors and Awards:**

- Awarded National Scholarships.

### **Administrative Responsibilities:**

• **Principal**, Durgapur Institute of Advanced Technology & Management, Durgapur, West Bengal from April 30, 2012 to Till Date.

• **Principal**, Techno India Durgapur, Techno India Group of Institutions, West Bengal since January 03, 2012 to April 29, 2012.

• **Deputy Director** at Durgapur Institute of Advanced Technology & Management Durgapur, West Bengal from February 01, 2005 to January 02, 2012.

• **Head** of the department of Mechanical Engineering, Durgapur Institute of Advanced Technology & Management, Durgapur, West Bengal since March 20, 2003 to January 02, 2012.

## Membership:

Fellow of Institute of Engineers (India) (Membership No: F-113973-4)

Life Member of Fluid Mechanics and Fluid Power (Membership No. LM 510)

## Research & Publications:

International/National Journal – 49

International/National Conference – 62

## Research guidance:

**PhD awarded – 01**

**PhD in progress – 05**

**PG Dissertation – 07**

**Conferences/ Seminars/ Schools/ Workshops organised:28**

**Conferences/ Seminars/ Schools/ Workshops attended:18**

## Work Experience:

**Academic, Research and administrative – 34 years**

•**April 2012- Till date**-Principal,Durgapur Institute of Advanced Technology & Management,Durgapur, West Bengal India.

•**January 2012 – April 2012** –Professor &Principal,Techno India Durgapur, Techno India Group of Institutions, West BengalIndia.

• **2003 – 2012** – Joined as Lecturer inME, promoted to Sr. Lecturer from September 01 2004, Assistant Professor from February 01 2005 and Associate Professor from February 01 2006, in the department of Mechanical Engineering of Durgapur Institute of Advanced Technology & Management,Durgapur, West Bengal. He also appointed as Deputy Director from February 01 2005 to January 02 2012. He headed the department since joining the DIATM.

•**2002 – 2003** –Lecturer in Birbhum Institute of Engineering and Technology, Suri West Bengal India

•**2000 – 2002** –Visiting Faculty in National Institute of Technology, Durgapur on Contractual Basis.

• **1984 – 2000**–Work onMining and Allied Machinery Corporation Limited Durgapur, in the Capacity of Executive in the field of Design and Production.

## **Research – 12 years**

- 1) As an Associated Investigator worked on Sponsored project Styled as “Development of Jatropha (Crude) Oil Operated Lantern and their subsequent efficiency survey in the poor people dominated non-electrified backward rural area” under the **Department of Science & Technology, Govt. of west Bengal** in the month of September’07 and it successfully completed in March’09.
- 2) As a Resource Person worked on Sponsored project Styled as “Skill development Training Program in Automobile (Two & Three Wheeler) Repairing for Scheduled tribe Youths” under the **Department of Science & Technology, Govt. of west Bengal** in the month of April’09 and it successfully completed in June’10.
- 3) As a Chief Coordinator obtained a grant from **All India Council of Technical Education** for developing “Entrepreneurship Development Cell” at Durgapur Institute of Advanced Technology & Management, Durgapur, in the month of September, 2012 and it successfully completed in June’17.