

## **BIO-DATA**

### **1. Name and designation**

Prof. P. RAMACHANDRA RAO  
Raja Ramanna Fellow (Department of Atomic Energy),  
ARCI, Hyderabad-500 005

### **2. Age and date of birth**

66 years – 21 Mar 1942

### **3. Education**

<b>Degree</b>	<b>University</b>	<b>Year</b>
M. Sc. (Physics)	Osmania University, Hyderabad	1961
BE (Metallurgy)	Indian Institute of Science, Bangalore	1963
M. Sc. (Metallurgical Engineering)	Banaras Hindu University, Varanasi	1965
PhD (Metallurgical Engineering)	Banaras Hindu University, Varanasi	1968

### **4. Positions Held**

<b>Post</b>	<b>Institution</b>	<b>Year</b>
Lecturer & Reader in Metallurgical Engineering and Professor of Materials Science	Banaras Hindu University, Varanasi	1964-92
Director	National Metallurgical Laboratory, CSIR, Jamshedpur	1992-2002
Vice Chancellor	Banaras Hindu University, Varanasi	2002-2005
Director/Vice Chancellor	Defence Institute of Advanced Technology, DRDO, (Deemed University), Pune.	January 2005 March 2007
Raja Ramanna Fellow DAE	International Centre for Powder Metallurgy and other Novel Materials (ARCI), Hyderabad	August 2007 To date

### **5. Research Experience**

Nearly 45 years of research experience in the area of Rapid Solidification of Metals, Thermodynamics of Alloys, Phase Transformations and Biomimetics. 28 years of teaching

experience as Lecturer & Professor in Metallurgical Engineering and Materials Science. Published about 230 technical papers in national and international journals and contributed articles to books. Holds 20 Patents, both Indian and American.

## **6. Research Guidance**

14 students were guided for their Doctoral work. Many of them are now occupying prestigious positions and have won recognitions at the national level.

## **7. Fellow of:**

Indian National Science Academy;  
The National Academy of Sciences;  
Indian Academy of Sciences;  
Indian National Academy of Engineering;  
The Institution of Engineers (India);  
The Institute of Materials, Minerals & Mining (London) UK;  
Third World Academy of Sciences, Italy;  
Maharashtra Academy of Science;  
Indian Institute of Metals

## **8. Member/Life Member of:**

Materials Research Society of India  
Indian Science Congress Association  
Materials Research Society, USA

## **9. Served/Serving as:**

### **Current:**

President, The Asia-Pacific Academy of Materials (APAM), India Chapter

### **Former:**

President, Indian Institute of Metals  
Sectional President, Materials Science Section, Indian Science Congress  
Vice President, Materials Research Society of India

## **10. Awards**

**National Metallurgist's Day Award, Ministry of Steel & Mines, Govt. of India, 1979;**  
**Intercosmos Medal, USSR 1984;**  
**Shanti Swarup Bhatnagar Prize, CSIR 1985;**  
**Distinguished Alumnus Award, Metallurgy Department, BHU 1994;**  
**Indian National Science Academy Prize for Materials Science 1997;**  
**VASVIK Award 1997;**  
**Om Prakash Bhasin Award 1998;**

