

Curriculum Vitae of Dr. P. Srinivasa Rao



1. NAME IN FULL: PAVULURI SRINIVASA RAO

Date of Birth: 05 August 1970

2. Department: Agricultural and Food Engineering

Specialization: Food Processing Engineering

3. Mailing Address:

Agril. & Food Engineering Department
Indian Institute of Technology Kharagpur
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4. Permanent Address

S/o Late Pavuluri Subba Rao
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Nationality:

Indian

Category: GEN/SC/ST/OBC (Please write)

GEN

5. EDUCATIONAL QUALIFICATIONS:

Degree/ Examination	University/Institution	Year	Discipline	Division / Class	% of Marks	Rank in Board/ University
Ph.D.	IIT, Kharagpur	2002	Post Harvest Engineering	Not given	NA	-
M. Tech.	IIT, Kharagpur	1994	Post Harvest Engineering	-do-	76.8	
B. Tech.	A.P.A.U, Hyderabad	1992	Agricultural Engineering	II-Class	81.5	-----
Intermediate	Board of Intermediate Education	1986	Maths, Physics, Chemistry	I-Class	78.0	--
Matriculation	Andhra University	1984	Maths, Physics	I-Class	76.4	<u>2nd</u>

7. PROFESSIONAL EXPERIENCE

University / Organisation	Designation	From	To	Total Period	Nature of Experience
Indian Institute of Technology IIT Kharagpur	Professor	31-08- 2018	Till date	2 year 0 months	Teaching and Research
IIT Kharagpur	Associate Professor	13-12- 2011	30-08- 2018	5 years 9 months	Teaching and Research
IIT Kharagpur	Assistant Professor	1 st June 2004	13-12- 2011	7 years 6 months	Teaching and Research
Bidhan Chandra Krishi Viswavidyalaya	Senior Lecturer	June, 2001	30 th May 2004	2 years, 5 months	Teaching, Research and Extension
-Do-	Lecturer	June, 1995	June, 2001	6 years	-do-

W.B. University of
Animal and Fishery
Sciences

Guest Lecturer

October,
1995

August,
1998

2 yr, 10
months

Teaching Food
Engineering &
related subjects

8. TEACHING EXPERIENCE (Subjects taught / teaching)

More than **25 Years** teaching and research experience

5 years of **Administrative experience** as Head, Department of Post Harvest Engineering, BCKV Mohanpur, W.B.

At the undergraduate level:

Industrial Processing of Food and Beverages, Mechanical Operations in Food Engineering, Mass Transfer Operations in Food Processing, Food Analysis Laboratory

At the postgraduate level:

Non-thermal Methods of Food Processing, Processing of Horticultural and Plantation Products, Grain Storage Principles and Structures, Post Harvest Engineering Operations, Advances in Drying and Dehydration, Processing and Preservation of Aquaculture Products, Water Quality Management Practices, Design of Aquacultural Facilities and Equipment, Aquacultural Engineering Laboratory-I, Aquacultural Engineering Laboratory-II, Post Harvest Engineering Laboratory.

9. PUBLICATIONS †

Number completed

a. Publications in referred journals

92
(85- International; 7 - National)

b. Publications in proceedings of seminars/conferences

49
(26-International)
9 chapters, 1 Edited volume

c. Books and Monographs

d. Patent/copyright obtained/filed

1 Granted; 2 (Filed)

10. RESEARCH GUIDANCE †

Number completed

a. Guidance at doctoral level

8+7* (15)

b. Guidance at masters level

64+9* (73)

* Number of guidance jointly offered with another faculty.

LIST OF PROJECTS UNDERTAKEN IN LAST FIVE YEARS

- **Project Title:** Establishment of 'Innovation and Entrepreneurship Cell' under RKVY-RAFTAAR, Agri-Food Business Incubation Center IIT Kharagpur (On-going)
Principal Investigator & CEO : Dr. P. Srinivasa Rao
Sponsor : RKVY-RAFTAAR, Ministry of Agriculture, Govt. of India, New Delhi
Amount: Rs. 233+120 lakhs
- **Project Title:** High hydrostatic pressure induced cold extraction and encapsulation of bioactive components into reconstituted Aloe vera hydrogel (On-going)
Principal Investigator : Dr. P. Srinivasa Rao
Sponsor : Science & Engineering Research Board (SERB), DST, New Delhi;
Amount: Rs. 46.874 lakhs
- **Project Title:** Technological interventions for production, processing and logistics (Sub-project: Development of storage technologies for improved food grain storage (Completed)
Principal Investigator: Dr. P. Srinivasa Rao
Sponsor: MHRD, New Delhi **Amount: Rs. 46.6 lakhs**
- **Project Title:** Studies on High Pressure Processing (HPP) of High Value Perishable Commodities
Principal Investigator : Dr. P. Srinivasa Rao
Sponsor : National Agricultural Innovation Project, ICAR, New Delhi
Amount: Rs. 608.456 lakhs
- **Project Title:** A Value Chain on Aloe Vera Processing
Principal Investigator : Dr P P Srivastav
Co-Principal-Investigator : Dr P Srinivasa Rao
Sponsor : National Agricultural Innovation Project, ICAR, New Delhi
Amount: Rs. 385.657 lakhs

12. CONSULTANCY PROJECT UNDERTAKEN

- Performance Testing of Aerators.
Client: J K Fenner India Ltd.. **Value:** Rs. 2.00 lakhs (Completed).
- Trail Milling of Paddy for out-turn ratio in West Bengal, Bihar and Assam.
Client: Food Corporation of India. **Value:** Rs. 7.20 lakhs (Completed).
- Design/ Development of Model Farm / Community Level Storage Structures
Client: Central Ware House Corporation, **Value:** Rs. 0.68 Lakhs; Period: 6 months
Consultant: Dr. P. Srinivasa Rao (Completed)

13. Professional activities (outside agencies):

- a. Reviewer: Journal of Food Engineering, Transactions of ASABE, Journal of Food Science & Technology, Innovative Food Science and Emerging Technologies, etc.
- b. Associate Editor: Grain Processing and Storage, Jakraya Publications
- c. Honoraray Secretary, IEI Kharagpur Local Centre, and Agricultural Engineering Subcommittee member, W.B. State Centre, Institution of Engineers, Kolkata.
- d. External examiner for various universities
ICAR-IARI, New Delhi, NIFTEM, Kundli, ANGRAU, Guntur, JNTU, Hyderabad, JNTU, Kakainada, CAU, Gangtok; CAU, Agartala, OUAT, Bhubaneswar, UAS, Raichur, BCKV, Mohanpur, WBUAFS, Kolkata.

Date: 31-08-2020

P. Srinivasa Rao

Signature of the Candidate