

Curriculum Vitae of A.Kandasamy

Education

- Post – Doctoral Fellow, Computational Fluid Dynamics
Chuo University, Tokyo, Japan, 1991.
- Ph.D., Applied Mathematics
Indian Institute of Technology, Bombay, India, 1989.
- Master of Science, Applied Mathematics,
Madurai – Kamaraj University, India, 1983.
- Bachelor of Science, Special Mathematics,
Madurai – Kamaraj University, India, 1981.

Teaching

Positions Held

- Lecturer, Department of Mathematics, NITK, Surathkal,
Aug. 1991 – July. 1996.
- Senior Lecturer, Department of Mathematics, NITK, Surathkal,
Aug. 1996 – Nov. 1997.
- Assistant Professor, Department of Mathematical & Computational Sciences,
NITK, Surathkal, Dec. 1997 – Nov. 2005.
- Professor, Department of Mathematical and Computational Sciences,
NITK, Surathkal, Dec. 2005 – Sept. 2018.
Professor (HAG), Department of Mathematical And Computational
Sciences, NITK Surathkal, Oct.2018 – till date.

Research

(i) Areas of Research : CFD, Rheology, Tribology, , Computational Techniques, Optimization Techniques, Data Mining, Image Processing, Wireless Sensor Networks and Cloud Computing.

(ii) Post Doctoral Research Supervision: -One-

(iii) Doctoral Research Supervision: Completed – 9, Ongoing – 2

(iv) Master’s Students Dissertation Supervision

Master of Technology – More than 30 completed.

Master in Computer Applications – More than 60 completed.

(v) Research Contributions

No. of Independent/Co-authored Research Papers Published

(a) Refereed Journals : 46 (45 International + 1 National)

(b) Proceedings of Reputed Conferences : 39 (32 International + 7 National)

PROFESSIONAL ACTIVITIES

(i) Organization of Conferences and other Academic Events

1. Organizing Secretary of “30th National Conference on Fluid Mechanics and Fluid Power”, organized during 11 – 13 Dec. 2003.
2. Co-ordinator for the AICTE-ISTE sponsored 2 – weeks STTP on “Applications of Finite Element Methods in Engineering Problems”, conducted during 06 – 18 Dec. 2004.
3. Co-ordinator for the AICTE sponsored 2 – weeks STTP on “Information Security”, conducted during 13 – 25 March 2006.
4. Jointly organized with the capacity of Finance Chair, the “International Conference on Advanced Computing”, (ADCOM 2006) during Dec. 2006.
5. Convenor for the All India “National Institute of Technology MCA Common Entrance Test” for the year 2008. (NIMCET 2008).

(ii) Awards and Distinctions

- University I Rank in M.Sc. (Applied Mathematics).
- Post – Doctoral Fellowship from Chuo University, Tokyo, Japan.
- Visiting Professor, AIT Bangkok deputed by Government of India.
- Gave invited talk at various international conferences in India and abroad.

(iii) Assignments/Responsibilities

- Warden for NITK PG Hostel, 2001-2002.
- Finance Warden for NITK Hostels for three years 2002-2005.
- Head of the Department, May 2006 to Aug. 2009.
- Visiting Faculty to Mangalore University for Five years.
- Institute Co-ordinator for NPTEL Activities.
- Institute Co-ordinator for NKN Project “Creation of Virtual Class Room”.
- Secretary, Research Advisory Board of NITK Surathkal.
- Member of Board of Studies of various Universities and Institutions.
- Reviewer for various International Journals of Springer, Elsevier, Taylor and Francis, Wiley, IEEE and other reputed publications.
- Doctoral Research Evaluator for various Universities and Institutions.
- Expert Member of National Board of Accreditation of AICTE.
- Institute First Appellate Authority from August 2013 – March 2016.
- Dean (Faculty Welfare), NITK Surathkal from January 2013 – Mar.2016.
- Chairman, AcoFAR (Advisory Committee for Faculty Recruitment) NITK Surathkal, 2013 - 2018.
- Chief Vigilance Officer (CVO) of NITK Surathkal, July 2018–July 2021.
- Professor-in-Charge, Legal Affairs, NITK Surathkal, April 2022 – March 2023.
