



NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY
HATIA, RANCHI - 834 003

Resume for Institute Website

- 1) Name : **G. RAJAMOHAN**
2) Designation : **Associate Professor**
3) Address : **Room No. 229, Faculty Block**
Dept. of Manufacturing Engineering
NIFFT, Ranchi
Phone : **0651 - 2292069**
E-mail : **grajamohan.nifft@gov.in; g.rajamohan@yahoo.co.in**
4) Education :

Examination	College / Institute	Name of the University / Institution
B. E. (Mechanical Engg.)	College of Engineering, Guindy	Anna University, Chennai
M. E. (Manufacturing Tech.)	Regional Engineering College Tiruchirappalli	Bharathidasan University, Tiruchirappalli
Ph. D. (Mechanical Engg.)	Indian Institute of Technology Madras	Indian Institute of Technology Madras

- 5) Experience : **About 27 Years; Teaching UG and PG**
6) Research : (a) **Published 30 papers (Journals and Conferences)**
(b) **Guided 2 PhD theses; 1 Ongoing**
(c) **Guided 17 M. Tech. dissertations; 2 Ongoing**
(d) **Reviewer for "International Journal of Advanced Manufacturing Technology", "Measurement", etc.**
7) Research Interests : (a) **CAD, CAM and CAI of freeform surfaces**
(b) **Form and surface metrology**
(c) **Applications of computers in manufacturing**
(d) **Image processing and applications in manufacturing**
8) Teaching Interests : (a) **UG: Engineering Metrology**
(b) **PG: Metrology and CAI / Artificial intelligence in manufacturing / Geometrical product specifications / Precision engineering**
9) Expertise : **Geometric Dimensioning and Tolerancing (GD&T)**
10) Books / Proceedings : (a) **Rajamohan, G. and Manoj Kumar (2017), Proceedings of the International Conference on Advances in Materials and Manufacturing (ICAMM 17), held at NIFFT, Ranchi (ISBN: 978-9-38-625636-2), Excel India Publishers, New Delhi**

- 11) Awards : (a) **Best Paper Award** for the paper entitled “**Adaptive sampling strategies for the measurement of freeform surfaces using continuous scanning coordinate measuring machines**” (co-authored by Prof. M. S. Shunmugam) presented at the **25th All India and 4th International Conference on Manufacturing Technology, Design and Research (AIMTDR 2012)** held at **Jadavpur University, Kolkata.**
- 12) Talks Delivered : (a) **Cloud Computing** at Indian Institution Engineers (India), Jharkhand State Centre
(b) **Trends in measurement of dimensions and surface finish** at National Institute of Technology Warangal
(c) **Some metrological applications of lasers** at Indian Institute of Technology Guwahati
(d) **Dimensional micro-metrology** at National Institute of Technology Tiruchirappalli
(e) **Precision Manufacturing** at Indian Institution Engineers (India), Jharkhand State Centre
(f) **Precision Manufacturing** at Birsa Institute of Technology (Trust), Ranchi
(g) **Overview of coordinate metrology** at SRMIST, Chennai
(h) **Measurement strategies for CMMs** at SRMIST, Chennai

Note:

- (a) This resume is intended for publication in NIFFT Website and purely for academic purposes.
(b) The information contained in this resume are as on 06/01/2020.
(c) Any omission (such as mobile number, etc.) is intended to protect my privacy.