

CURRICULUM VITAE

NAME: SACHIN KUMAR JAIN

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Personal Details:

Date of birth (DD/MM/YY) : 10/07/1992 **Father's Name** : Late Lalit Kumar Jain
Sex : Male **Mother's Name** : Premlata Jain
Nationality : Indian **Languages known** : Bengali, Hindi and English
Present Address: Flat- 1C, First Floor **Permanent Address:** Jain Colony, PO- Dhulian,
Rakhakrishna Apartments PS- Samsherganj,
26, Uttam Ghosh Lane Dist- Murshidabad,
Salkia, Howrah-711106, West Bengal Pin: 742202, West Bengal

Career Objective:

To contribute to the society by doing quality research work with the best teams at the best research Institutions applying and improving my skills and knowledge.

Present Status:

Joined Indian Institute of Technology, Madras as a **Ph.D. research scholar** (2018-).

Educational Background:

Examination	School & Board	Year	Obtained	Subjects
Secondary (10)	Kanchantala J.D.J. Institution, Dhulian [W.B.B.S.E]	2008	87.625% [701/800]	<i>Mathematics: 89%</i> <i>Sciences: 91%</i>
Higher Secondary (10+2)	Kanchantala J.D.J. Institution, Dhulian [W.B.C.H.S.E]	2010	80.6% [403/500]	<i>Mathematics: 88%</i> <i>Physics: 87%</i> <i>Chemistry: 96%</i>
Bachelor of Power Engg.	Jadavpur University, Kolkata	2015	8.59 (out of 10)	EM, TD, FM, HMT, EMI, CS, ICE etc.
Master of Mechanical Engg. (Heat Power)	Jadavpur University, Kolkata	2018	9.16 (out of 10)	ATD, EMMS, CE, CHT, TPF, MSHT

Industrial Training & Projects

- (a) B.E. final year project on ‘**Determination of temperature profile of a steady state 1-D flame**’.
- (b) Power Plant Familiarization Camp at **NPTI-NER (National Power Training Institute-North Eastern Region), Guwahati** for the duration of three weeks (9th June, - 29th June 2014).
- (c) Attended GIAN course on ‘**Two-phase flow and Heat Transfer**’ by **Prof. Stéphane Zaleski** from Pierre-et-Marie-Curie University, France at IIT Roorkee from 23rd Oct to 3rd Nov 2017.
- (d) M.E. thesis on spray atomization and estimation of droplet size distribution using Matlab image processing.

Publications

1. S. Jain, P. Datta, A. Chakravarty, A. Mukhopadhyay, S. Sen, S. Chatterjee ‘*Comparative Analysis Of Primary Atomization Of Liquid Sheets And Films: A Numerical Approach*’ ICLASS 2018: 14th International Conference On Liquid Atomization & Spray Systems, July 22-26, 2018, University Of Illinois - Chicago, USA, Paper ID 237.

Computer Proficiency

Operating Systems: Windows, Linux.

Languages Known: C programming language.

Application Software: Microsoft Excel, Word, PowerPoint, MATLAB, Tecplot, Origin etc.

CFD Software: OpenFOAM.

Skills & Achievements

- General skills: Hard working, desire to learn, adaptive, teamwork, reliable and honest.
- Topped school in 10th standard.
- Won Merit-cum-Means Scholarship offered by Govt. of India.
- Qualified GATE (Graduates Aptitude Test in Engineering) in 2016 with score- 713.

Activities and Hobbies

- Participated in camps organized by NSS.
- Participated in robots building competition.
- Volunteered in International conference ‘INCOM 2018’ at Jadavpur University, Kolkata.
- Learning about new computer applications.
- Listening to music.
- Surfing internet.
- Swimming and cycling etc.