



# Darshan C



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**9.84**   **83.71%**   **84.50%**   **81.86%**

M.Tech

B.E.

12th

10th

## BIO

Birth Date

14 June 1995

Nationality

Indian

Location

Mangalore, INDIA

## ABOUT ME

I am an honest, helpful, polite and hard working individual always willing to learn new skills. I am able to work independently in busy environments and also within a team setting.

## EDUCATION

- 2020 ● M.Tech (Nanotechnology)  
National Institute of Technology, Karnataka  
CGPA - **9.84**
- 2017 ● B.E. (Mechanical Engineering)  
Visvesvaraya Technological University (VTU)  
St. Joseph Engineering College, Mangaluru  
Percentage - **83.70 %**
- 2013 ● 12th Grade  
Pre-University Board  
Sharada Pre-University College, Mangaluru  
Percentage – **84.50 %**
- 2011 ● 10th Grade  
ICSE  
St. Theresa's School, Mangaluru  
Percentage – **81.86 %**

## SKILLS

- Auto CAD, CATIA, ANSYS Fluent, Solid Edge, X' Pert High Score, Foundations of Business Strategy.
- Materials characterization techniques like: X-Ray Diffraction, Field Emission Scanning Electron Microscope, Atomic Force Microscope, Energy Dispersive X-Ray Spectroscopy and Nanoindentation Hardness Tester.

## ACHIEVEMENTS

- **Gold Medalist** in Nanotechnology in the Department of Metallurgical and Materials Engineering, NITK.
- **Gold Medalist** in the Department of Mechanical Engineering from St Joseph Engineering College, Mangaluru.
- Pursued my MTech Project at **CSIR-National Aerospace Laboratories Bangalore**, Surface Engineering Division.
- Qualified **GATE** in Mechanical Engineering in the year 2018.
- **Best outstanding performer** for the year 2016-17 in the department of Mechanical Engineering, St Joseph Engineering College.
- Secured **first highest** marks in **3<sup>rd</sup> and 4<sup>th</sup> year** and **second-highest** marks in **2<sup>nd</sup> year** examinations from Mechanical Engineering department of St. Joseph Engineering College.
- **Published a paper in a National Conference** Titled: "Flow and Thermal Characterization of Solid Breeder Blankets with  $\text{Li}_2\text{TiO}_3$ ,  $\text{Li}_4\text{SiO}_4$ ,  $\text{LiO}_2$  and  $\text{Al}_2\text{O}_3$  Pebbles".

## **Certification & Courses**

- 10-day workshop on CFD and FEA using ANSYS at Manipal University, Manipal.
- A 15-day workshop in automotive mechanical, electrical and electronics basic course on Maruti Suzuki Range of Vehicles at Mandovi Motors, Mangaluru.
- Programming for Everybody (Getting Started with Python) an online non-credit course authorized by the University of Michigan and offered through Coursera
- A one-month crash course in C from Indian Computer Academy, Pumpwell, Mangaluru
- Foundations of Business Strategy an online non-credit course authorized by the Darden School of Business, University of Virginia and offered through Coursera.
- 90 hr. training program on Communication Skills and Soft Skills Training organized by i- POINT Consulting Services Pvt Ltd.

## **COMPLETED PROJECTS**

### **Master of Technology (MTech):**

- **Major Project Title:** A Comparative Study Of Corrosion Behaviour Of TiN, TiAlN, CrN And CrAlN Based Thin Film Coatings Deposited On Brass Substrate  
**Institute:** CSIR - **National Aerospace Laboratories**, Surface Engineering Division, Bengaluru.

- **Minor Project Title:** Structural and Optical Study of thermally evaporated **ZnS<sub>x</sub>Se<sub>1-x</sub>** thin films.  
**Institute:** National Institute of Technology Karnataka, Surathkal.  
**Duration:** 3<sup>rd</sup> May 2019-16th July 2019.

**Bachelor of Engineering (B.E.):**

- **Project Title:** Flow and Thermal Characterization of Solid Breeder Blankets with Li<sub>2</sub>TiO<sub>3</sub>, Li<sub>4</sub>SiO<sub>4</sub>, LiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> Pebbles using **ANSYS** Fluent.  
**Institute:** St Joseph Engineering College, Mangaluru. Project Role: Team Lead.  
**Duration:** July 2016 - May 2017

I do hereby declare that all the above statements mentioned in the resume are true to the best of my knowledge and belief

**DARSHAN C**