

## Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Kaushik Hebbar Kannur**  
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Nationality Indian  
Date of birth September 01, 1991  
Gender Male  
Passport Number J9310725

### Work experience

Dates July 18, 2013 onwards  
Occupation or position held **Project Assistant**  
Main activities and responsibilities Assisting professor in research in the areas of Friction Stir Welding/processing (FSW/P). Currently working on FSW of bronze based material (NAB) for usage in ship hull and propeller blades, aluminium alloy to Titanium (Ti 6Al 4V) and aluminium alloy to magnesium alloy. I have worked on similar and dissimilar welding of various aluminium alloy series with different plate thicknesses. I have also worked on Friction Surfacing of Aluminium on MS and Copper on MS. From this I have gained knowledge and experience on basic material characterization techniques, mechanical and corrosion testing in accordance with ASTM standards.  
Also, I have experience working on Fretting wear with optical 3D profilometry. I gained working knowledge on natural and eco-friendly Greece and Cutting fluid preparation and testing. I am familiar with handling molten metal.  
Name and address of employer Prof. Satish V. Kailas, Department of Mechanical Engineering, Indian Institute of Science, Bangalore PIN- 560 012 Email: [satvk@mecheng.iisc.ernet.in](mailto:satvk@mecheng.iisc.ernet.in)  
Type of business or sector Research and Development

### Education and training

Dates 2009- 2013  
Title of qualification awarded **Bachelor of Engineering in Mechanical Engineering**  
Principal subjects/occupational skills covered Engineering Mathematics, Applied Mechanics and Design, Fluid Mechanics and Thermal sciences, Manufacturing and Industrial Engineering  
Name and type of organisation providing education and training BTL Institute of Technology, Bangalore affiliated to Visvesvaraya Technological University, Belgaum  
Percentage and Class 64.69% and FIRST CLASS  
Academic Project **Computational Analysis of Hemispherical Radiating Fin.**  
**Description:** The aim of this project is to minimize the absorption of solar (or albedo) radiation by a radiating fin. We proposed a hemispherical radiating fin. This result in a minimum possible surface area exposed to solar radiation, for a given mass of the fin. This project has a scope in the preliminary thermal design of space radiators.

Internships And Trainings	Completed internship in <b>L&amp;T Komatsu Ltd</b> under <b>line production assembly</b> , as well as done project over the title “ <b>design of manipulator of PC-300-LC Hydraulic Excavator Revolving Frame</b> ”, from <b>July 2012-August 2012</b> . Successfully completed <b>A Training programme on BOSCH Diesel Engine Management System, Gasoline Engine Management System and Vehicle Diagnosis</b> at <b>BOSCH training Centre</b> , Naganathapura, Bangalore, in <b>February 2013</b> .
year	2009
Title of qualification awarded	<b>CBSE Class 12<sup>th</sup></b> .
Name and type of organisation providing education	Kendriya Vidyalaya ASC Centre (south), Bangalore.
Percentage	76%
year	2007
Title of qualification awarded	<b>CBSE Class 10<sup>th</sup></b> .
Name and type of organisation providing education	Kendriya Vidyalaya ASC Centre (south), Bangalore.
Percentage	78.6%
<b>Personal skills and competences</b>	
Mother tongue(s)	Kannada
Other language(s)	English, Hindi
Social skills and competences	Participated in presenting paper in <b>Joint International Conference on Advanced Materials-2011(ICAM-2011)</b> , Organised by University of Delaware, USA & B.T.L Institute of Technology, Bangalore held at BTLIT Campus, Bangalore in August 2011. I have taken part in the <b>Trekking program in kumaon hills</b> , Uttaranchal conducted by AVADH (Activists of voluntary action for development of Humanity). Participated in <b>Inter-Collegiate Climate Science Quiz-2012</b> organized <b>Divecha Centre for Climate Change, Indian Institute Of Science (IISc)</b> , Bangalore. Participated in <b>8<sup>th</sup> National Cyber Olympiad-2008</b> organized by Science Olympiad Foundation. Team work, gained by working with multiple project groups.
Organisational skills and competences	Project management skill gained through my work experience and by working on my dissertation project. Event organisation ability, gained by organizing National level Technical symposium and Intercollegiate Fests as a student coordinator. I have been the Class representative/monitor for more than 7 years in my education.
Technical skills and competences	Design software:- Solid Edge, AutoCAD Analysis software:- ANSYS, Deform 3D Computer aided Manufacturing:- CADEM Languages:- C++,FORTRAN
Computer skills and competences	Operating System:-Windows, Linux Tools: Dream Weaver, Photo Shop, Microsoft office
Artistic skills and competences	Have been Master of Ceremony (MC) in college fests and technical symposium. Habitual sketching, painting and also fond of cooking.
Achievements and Position held	I was part of Organizing committee of the Techno-cultural fest ESPERANZA, the first of its kind in BTL Institute of Technology. As a member of Core committee in 2010 & 2011.As a Chief Coordinator, Core Committee in 2012. I have been as the Chief Organizer of the Technical Symposium INTRATECH '11 & TECHKSHTRA '12 in BTL Institute of Technology. I have been the Chairman of BTL Student Council for the year 2011-2012. I have been the secretary for SAE INDIA-BTLIT club for the year 2011-12. I have successfully completed thritya sopan in Bharat scout/guides.