



# HARIHARAN V S

## EDUCATION

**2014–2018**

B.E. • Metallurgy • PSG College of Technology, Coimbatore

## PROJECTS

- Completed a project titled, “*Design of Chills for effective solidification*” in Bradken India Pvt Ltd, Coimbatore
- Completed a project titled, “Synthesis, characterization and study of thermoelectric properties of  $Ti_2NiCoSnSb$ ” in IIT-Madras, Chennai
- Completed a project titled, “*Modification in flux composition of SMAW ENiCrMo-3 Electrode for better welding characteristics*” in Centre of Excellence in welding, PSG College of technology, Coimbatore
- Completed a project titled, “*Studies on the phase evolution and magnetic properties of  $Al_xCoFeMnNi$  ( $x=0, 0.3, 0.7, 1$ )*” in collaboration with Prof B S Murty, Dept of MME, IIT-Madras, Chennai.

## ACADEMIC ACHIEVEMENTS

- Receipt of Ministry of Steel Fellowship
- Completed a Summer Research Fellowship Programme sponsored by IASc(Bengaluru), INSA(New Delhi), NASI(Allahabad) in IIT-Madras, Chennai under the guidance of Prof B S Murty, Dept of MME, IIT-Madras, Chennai

## RESEARCH INTERESTS

- Solidification of high entropy alloys (HEAs)
- Phase Field Modelling
- Magnetic Materials



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