



Nehru street
Avinashi
Tamilnadu.

Mobile No: 8454993510

rampradesh@gmail.com

EDUCATION

Program	Institution	%/CGPA	Year of completion
M.Tech in Metallurgical and Materials Engineering (Specialization: Materials Science)	Indian Institute of Technology Bombay, Mumbai	9.0*	2015
B.E in Metallurgical Engineering	PSG College of Technology, Coimbatore	8.56	2011
XII	Kurinji Higher Secondary school, Namakkal.	94.08	2007
X	Rayar Kalvi Nilayam, Avinashi.	92.0	2005

*CGPA upto 1stSemester

WORK EXPERIENCE

Name and Address of Employer	: Larsen & Toubro Ltd, Modular Fabrication Facility, Chennai.
Dates	: July 2011 – June 2013
Type of Business or sector	: Construction of Offshore Oil and Gas platforms and related structures (Hydrocarbons Upstream Business)
Position held	: Senior Engineer
Responsibilities	: Qualifying Welding procedure specification and Procedure qualification. Procurement of welding consumables and equipments via SAP
Projects Undertaken	: Mumbai High North Process Platform (Client: ONGC) Process cum Living Quarters Platform (Client: GSPC) Yetagun Phase V development project (Client: Petronas)

COURSE WORK

⌚ Concepts in Materials Science	⌚ Modelling and Analysis
⌚ Advanced Composites	⌚ Diffusion and Kinetics
⌚ Thermodynamics of Materials	⌚ Nano materials for Advanced energy storage and conversion
⌚ Fatigue, Creep & Super plasticity	⌚ Introduction to Corrosion & Engineering

LABS

⌚ Experiments in Material processing and characterization

AREAS OF INTERESTS

- ⌚ Ceramic science
- ⌚ Modelling and Analysis

SKILLS

Software skills : Fundamentals of C , C + +
Software packages : SAP, Primavera, MATLAB, GNU Octave

PROJECTS

- Synthesis of Nano crystalline Cadmium Oxide via Sol gel route and its characterization
 - ⌚ CdO is produced from Cadmium nitrate precursor via sol gel method
 - ⌚ XRD and SEM analysis are carried out on the samples

INDUSTRIAL TRAINING AND INTERNSHIP

- BHEL, Trichy
Undergone In-Plant Training in the Welding Research Institute (WRI). Studied the different types of welding processes from the welding sections of the Institute
- Visakhapatnam Steel Plant
Undergone In-Plant Training in the Sintering plant, Blast furnace and Rolling mill section

PRESENTATIONS

- “Studies on thermal stability and mechanical properties of the Nano grained aluminium alloy sheets produced by accumulative roll bonding” in the International conference on synthesis, characterization, consolidation and modelling of Nano materials (ICON-2010) held on March 5-6, 2011.
- "Effect of Temper Bead Welding on Heat Affected Zone in Low Carbon Steels" in Technology Conclave-I held at L&T Powai during 9th-11th Jan 2013.

POSITIONS OF RESPONSIBILITY

- Secretary of Metallurgical Engineering Association, PSG college of Technology
- Member of safety committee at Modular fabrication Facility, L&T.

I hereby declare that all the above mentioned information is true to the best of my knowledge.

(Rampradesh N)