

Under Institute Scholarship / National Fellowship / Project Staff etc. Category

Sr. No.	Proposed Guide	Subject/ Research Area	Qualification Required
1.	Dr. Balasubramanian K.	Polymer Composite/Biotechnology/ Microbiology/ Biochemistry/ Nanocomposites/ Flexible Electrodes/Textile Materials/Biomaterials/ Bio nano Technology/ Bio nano polymer	M.Sc Chemistry/ Microbiology/ Biochemistry/ Nanotechnology/ Materials/ Polymers/ Biopolymers / Fire Science Or M.Tech / M.E. Chemical / Mechanical/ Textiles/ Polymers/ Surface Coating/ Fire Engineering
2.	Dr. Shanmugasundaram T.	High Entropy Alloys, High Temperature Materials, Coating / Corrosion	ME/ M.Tech in Metallurgy/ Mechanical/ Materials Engineering/ Materials Science & Technology/ Nano Technology/ Manufacturing / Production or equivalent
3.	Dr. H. S. Panda	Supercapacitor and battery type electrode materials, Piezoelectric materials, Armor materials, Coating materials, Composite materials, High Temperature Coating and Ceramics	M.Sc or M.Tech degree in any branch
4.	Dr. Vijay Hiwarkar	Additive manufacturing, Texture, Thermomechanical Processing of Metallic Materials Electrical Steel, Additive Frictions Stir Processing / Welding, Corrosion Behaviour in Metallic Materials	ME/M.Tech in Metallurgy/ Mechanical/ Materials Engineering/ Materials Science & Technology or equivalent Or M.Sc in Materials Science / Physics / Chemistry or equivalent.
5.	Dr. T. U. Patro	Polymer Nanocomposites for energy storage and water treatment, polyurethane foam for acoustic absorption and oil-water separation, and carbon foams for energy storage, Polymer blend structure property relationship.	M.Sc in Chemistry/ Physics/ Materials Sci/ Polymer Sci or equivalent or MTech in Materials Science/ Nanotech/ Mechanical Engg/ Polymer Engg./Metallurgical Engg. or equivalent

MoD Sponsored / MoD Self Sponsored Category / Industry Sponsored etc.

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2.	Dr. Shanmugasundaram T.	High Entropy Alloys, High Temperature Materials, Control welding, Entropy Alloy	ME/ M.Tech in Metallurgy/ Mechanical/ Materials Engineering/ Materials Science & Technology/ Nano Technology/ Manufacturing/ Production or equivalent
3.	Dr. H. S. Panda	Supercapacitor and battery type electrode materials, Piezoelectric materials, Armor materials, Coating materials, Composite materials, High Temperature Coating and Ceramics	M.Sc or M.Tech degree in any branch
4.	Dr. Vijay Hiwarkar	Additive manufacturing, Texture, Thermomechanical Processing of Metallic Materials Electrical Steel, Additive Frictions Stir Processing / Welding, Corrosion Behaviour in Metallic Materials	ME/ M.Tech in Metallurgy/ Mechanical/ Materials Engineering/ Materials Science & Technology or equivalent, Or M.Sc in Materials Science / Physics / Chemistry or equivalent
5.	Dr. T. U. Patro	Polymer Nanocomposites for energy storage and water treatment, polyurethane foam for acoustic absorption and oil- water separation, and carbon foams for energy storage, Polymer blend structure property relationship.	M.Sc in Chemistry/ Physics/ Materials Sci/ Polymer Sci or equivalent or MTech in Materials Science/Nanotech/ Mechanical Engg/ Polymer Engg./Metallurgical Engg. or equivalent