


Faculty Profile

	Dr. A.X. AMAL REBIN	Academic Credentials <ul style="list-style-type: none"> • Under-Graduation: B.E (Mechanical Engineering) -Madras University • Post-Graduation: M.E(Prod. Design & Development)- Anna University • Doctoral Degree: Ph. D (Metallurgy)) – NIT-Trichy
Designation	Associate Professor	Experience <ul style="list-style-type: none"> • Teaching - 14 years • Industry - 2 years
E-Mail ID:	axamalr@hindustanuniv.ac.in	
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57268999000	Research Areas <ul style="list-style-type: none"> • Magnesium/Aluminium Alloy Development • Composites • New Product Development • Metal Additive Manufacturing
Google Scholar	https://scholar.google.com/citations?user=IZSukE4AAAAJ	
Recent Publications		
<ol style="list-style-type: none"> 1. A.X.Amal Rebin, A.Amal Krishna, A.Shravana Kumar, R.Christu Paul, Design Development and Analysis of Pylon prosthesis through Reverse engineering, Accepted for publishing in Materials today proceedings. 2. R. Christu Paul , , A. X. Amal Rebin, R. Senthil Kumar, C. Ramesh, A.M. Shanawaz, D.Raja Joseph, Computational Investigation of Low-Pressure Turbine Cascade in Low Reynolds Number Flows, International Journal of Mechanical Engineering (2022), Volume 7, No.1, Pg. 6288-6298 3. R. Christu Paul, R. Balaji, A.X. Amal Rebin, Jason Charles Karmokar, Modification in Variable Gear Ratios Along with Fuel Saving Technology, International Journal of Innovative Technology and Exploring Engineering (2019), Volume 8, Issue 12, Pg 2367-71 4. A.X.Amal Rebin and S.Kumaran, Some studies on extruded ZM21-x Scandium magnesium alloy, OPJIT International Journal of Innovation and Research(2014), Vol 3, No1,Pg 40-43 5. A.X.Amal Rebin et al Influence of Scandium on Magnesium and its Structure-Property Correlation, Materials Science Forum (Trans tech Publications), 2012, Vol.710, Pg 132-136 		
Patents		
1.	Australian Innovation Patent published (2021106045) for the title “An insect trapping device for domestic applications”.	
Awards and Honours		
1.	Fellow Member in ASME	
2.	Fellow Member in IET	