

**Dr. SAJITH BABU C**  
Associate Professor



**Contact Details:**

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Govt Engg College, Kozhikode

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**Professional Qualifications :**

<i>Degree</i>	<i>Specialization</i>	<i>Institute/University</i>	<i>Year</i>
B-Tech	Mechanical Engg	Calicut	1996
M-Tech	Machine Design	IIT Madras	2006
MBA		IGNOU	
PhD	Nano crystalline High Entropy Alloys	NIT Thiruchirappalli	2015

**Areas of Interest :**

Mechanical and Metallurgical characterization of materials, Nanocrystalline materials, Composite materials, High Entropy alloys, Fatigue and fracture behaviour of materials.

**Professional Experience**

- Industrial – 4 years
- Teaching – 15 years

**PUBLICATIONS**

*INTERNATIONAL JOURNALS*

1. Sajith Babu, C., Koundinya, N.T.B.N., Sivaprasad, K., Jerzy.A.Szpunar, (2014)  
“Thermal Analysis and Nanoindentation Studies on Nanocrystalline AlCrNiFeZn High Entropy Alloy”, Procedia Materials Science, Vol. 6, 641 – 647

2. **Sajith Babu, C., Sivaprasad, K., Muthupandi, V., Jerzy.A.Szpunar, (2014)** “Characterisation of Nanocrystalline AlCoCrCuNiFeZn High Entropy Alloy Produced by Mechanical Alloying”, Procedia Materials Science, Vol. 5, 1020 – 1026.
3. **Sajith Babu, C., Koundinya, N.T.B.N., Sivaprasad, K (2014)** “Nanocrystalline AlCrNiFeZn High Entropy Alloy Produced by Mechanical Alloying”, OPJIT International Journal of Innovation & Research, Vol. 1, 63 - 69.
4. **Koundinya, N.T.B.N., Sajith Babu, C., Sivaprasad, K., Susila, P., Kishore Babu, N., Baburao, J. (2013)** “Phase Evolution and Thermal Analysis on Nanocrystalline AlCrCuFeNiZn High entropy alloy produced by Mechanical Alloying”, J. of Materi Eng and Perform, Vol. 22, 3077 – 3084
5. **Akhilkrishna.N.R, Abhijith Anilkumar, Sajeeb.A.M, Sajith Babu.C, Muhammed Arif., (2015)** “Development of fibre reinforced composite”, J. of Advanced Research Trends in Engineering and Technology (IJARTET), volume II, special issue X.
6. **Dinu G Thomas, Sajith Babu C, Sajith Gopi., (2016)** “Performance Analysis of a Latent Heat Thermal Energy Storage System for Solar Energy Applications”, Procedia Technology.

## **CONFERENCES**

1. **Dinu G Thomas, Sajith Babu C, Sajith Gopi., (2015)** Performance Studies of Phase Change Material Based Thermal Energy Storage System