



Dr. A. Rajkumar obtained his Bachelor of Engineering degree in Production Engineering from Regional Engineering College, Trichy in the year 1996. He obtained his Master of Engineering in Industrial Systems Engineering from College of Engineering, Guindy, Anna University in the year 2004. He obtained his Doctoral degree in the Department of Industrial Engineering, College of Engineering, Guindy, Anna University, Chennai, Tamilnadu, India in September 2016.

He started his career as “Faculty” in M/s. Autodesk Training Services, Trichy and worked with them for 3 years and 1 month. Then he joined M/s. Gem Sugars Limited as “Project Engineer” where, under his leadership, a sugar plant and a power plant was constructed and successfully operated. He served there for around 5 ½ years during which he was twice awarded as “Best Employee of the organization”. Then he joined as “Manager – Projects” in M/s. Sosam Sugar Consultants, Chennai and did consultancy services for the construction of Sugar and Power plants. In the year 2004, he joined M/s. Rajalakshmi Engineering College, Chennai and currently working as Professor in the Department of Mechanical Engineering.

Papers Published:

1. Rajkumar, A & Malliga, P 2016, ‘A Fuzzy Analytical Hierarchy Process approach for prioritising the buyers in selling by-product of a Sugar Plant’, International Journal of Logistics Systems and Management, vol. 24, no. 1, pp. 94-112.
2. Rajkumar, A & Malliga, P 2015, ‘Quality improvement of sugar by two factor factorial experimentation in optimization of quantity of Lime and Sulphur added in the Juice Sulphitation process of a Sugar plant’, Applied Mechanics & Materials, vol. 766-767, pp. 928-934.
3. Rajkumar, A & Malliga, P 2014, ‘Prioritisation of Buyers in selling by-product of a Sugar Plant by Analytical Hierarchy Process’, International Journal of Applied Engineering Research, vol. 9, pp. 16503-16519.

Paper under Review:

Rajkumar, A, ‘Process Optimization at Imbibition Unit of a Sugar Plant Using Design of Experiments’, Journal of Industrial and Management Optimization.

Registered Patent:

1. ‘A Seed and fertilizer embedded food / beverage container for spreading seeds’, Professor, Dept. of Mechanical Engineering, Rajalakshmi Engineering College,

Thandalam, Chennai, Tamil Nadu, India – 602105. Rajkumar.a@rajalakshmi .edu.in.
Application Number: 201741018513.

2. 'A Multipurpose Natural Fibre Reinforced Composite containing a blend of Long Natural Fibres and Fillers', Professor, Dept. of Mechanical Engineering, Rajalakshmi Engineering College, Thandalam, Chennai, Tamil Nadu, India – 602105. Rajkumar.a@rajalakshmi .edu.in. Application Number: 202041047778.

As a whole, he has nearly a decade of industrial work experience and 16 years of teaching experience. His research interests are in the areas of Supply Chain Management, Logistics Management, Optimization Techniques, Design of Experiments and Manufacturing Engineering.

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