

## RESEARCH PROFILE

Name : Dr. S. M. Raj kumar M.E., Ph.D  
Designation : Associate Professor  
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### EDUCATION

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University
BE	Mechanical Engineering	2000	The Indian Engineering College, Vadakkangulam	Manonmanium Sundaranar University Tirunelveli
ME	CAD	2009	Government College of Engineering, Salem	Anna University of Technology, Coimbatore
Ph.D	Mechanical Engineering	2017	Government College of Technology, Coimbatore	Anna University, Chennai

### LIST OF PUBLICATIONS

#### Journals:

1. S M Raj Kumar & R Malayalamurthi, Agglomeration and sizing of rolling particles in the sago sizing mechanism, Powder Technology, Vol. 320, 2017, pp. 428 – 444.
2. S M Raj Kumar & R Malayalamurthi, The Coriolis Effect on Spherical Particles Inside the Bowl, International Journal of Scientific Research in Multidisciplinary Studies, Vol.3, Issue.10, 2017, pp.1-6.
3. S M Raj Kumar & R Malayalamurthi, Measurement of Particle Size Distribution Attained from the Sago Sizing Mechanism, International Journal for Scientific Research and Development, Vol. 5, Issue.8, 2017, pp. 58-62.
4. S M Raj Kumar & C Naveen Kumar, Design of Workstations for Computer Users: A Review, IRE Journals, Vol. 1, Issue.4, 2017, pp. 24-34.
5. S M Raj Kumar, R Malayalamurthi & R Marappan, A review on techniques for sago pearl granulation and sizing process, International Journal of Applied Engineering

Research, Vol. 10, Issue.55, 2015, pp. 3811- 3818.

6. S M Raj Kumar, R Malayalamurthi & R Marappan, Rolling and bouncing dynamics of particles in the inclined rotating bowl for sago sizing mechanism, Powder Technology, Vol. 267, 2014, pp. 279-288.
7. S M Raj Kumar, R Malayalamurthi & R Marappan, Analysis of locus of point on rotating disc in the proposed mechanism for delivering sago granules, International Journal of Engineering Research & Technology, Vol.1 – No. 10, 2012, pp. 01-06.

#### **Conference Proceedings:**

- S M Raj Kumar, R Malayalamurthi & R Marappan, A review on techniques for sago pearl granulation and sizing process, International Conference on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, 14-16 May, 2015.
- S M Raj Kumar, R Malayalamurthi & R Marappan, Mechanized sago sizing through complex path, National Conference on Recent trends in Mechanical Engineering, Paavai Engineering College, 24-25 April, 2009.

#### **AWARDS / RECOGNITIONS**

##### **Editorial Board Member:**

- International Journal of Advance Research in Science and Engineering
- International Journal of Education and Research

##### **Journal Reviewer:**

- Powder Technology
- International Journal of Engineering Research
- International Journal of Scientific Engineering and Technology

**ANNA UNIVERSITY SUPERVISOR RECOGNITION – Ref. No: 3020043**

#### **CITATION DETAILS**

##### **Scopus:**

- Article: 2
- Citation: 4
- h index: 1

##### **Google Scholar:**

- Article: 7
- Citation: 4
- h index: 1