

Resume

S.M.RAJ KUMAR. B.E., M.E., (PhD).

Assistant Professor, Mechanical Engineering,
Faculty of Engineering, EBET Group of Institutions,
Kangayam, Tiruppur, Tamilnadu, India – 638108.

<http://www.ebet.edu.in> Ph: +91 4257 241935, +91 4257 241545,

Fax: +91 4257 241885 Mobile No: +91 9940981644.

Email Id : kumar_tpm@yahoo.com



ACADEMIC BACKGROUND

Course	Name of the Institution	University / Board	Year of passing
B.E (Mechanical Engineering)	The Indian Engineering College, Vadakkangulam.	Manonmainum Sundaranar University, Tirunelveli	2000
ME (CAD)	Govt. College of Engineering, Salem	Anna University of Technology, Coimbatore.	2009
PhD* (Mechanical Engineering)	Govt. College of Engineering, Salem	Anna University, Chennai	Pursuing (Part Time)

SERVICE

Position	Name of the Institution	Period
Lecturer	Arulmigu Senthilandawar Polytechnic College, Tenkasi.	2001 - 2003
Lecturer	Thanapandian Polytechnic College, Madurai.	2003 - 2007
Lecturer	EBET Group of Institutions, Kangayam	2009 - 2010
Assistant Professor	EBET Group of Institutions, Kangayam	2010 – Till Date

RESEARCH

- Studies on dynamic behaviour of rigid particles in the spatial coordination system during the rotation.

PROJECTS

- Design of Material handling equipments and Automatic sampler in the Indian Rare Earths limited, Manavalakurichi.
- Kinematic Analysis of Automatic Sago Sizing Mechanism.
- Brake pedal undulation fix by fluid behaviour analysis inside the brake system.
- Design of fixture for power tiller engine casing.
- Design and Fabrication of seeding machine.

MINI PROJECTS

- Fabrication of solar tracking parabolic heliostat.
- Fabrication of Pneumatic actuated robotic arm.
- Fabrication of grain separator machine.
- Pedaling washing machine and power generation

AREAS OF COMPETENCE

- Dynamics
- Mechanism and Machine Theory
- Mechanical Engineering.

PROFESSIONAL ACHIEVEMENTS

- GATE 2007 Qualified
- University First Rank in Post Graduate Degree (M.E., CAD)

ACTIVE MEMBER

- Life Member of Association for Machine and Mechanisms (AMM)
- Life Member of International Association of Engineers (IAENG)
- Reviewer in International Journal of scientific Engineering and Technology (IJSET)

PUBLICATIONS

- International Journals: 01
- National Conference: 01

CO-CURRICULAR ACTIVITIES

- Workshop / Carrier development programme attended : 18
- Industry Visited: 14

SOFTWARE SKILLS

- Drafting and Modeling : THINK3, AUTO CAD and PRO-E.
- Analysis and Simulation : ANSYS, DEMPack and ADAMS.

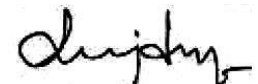
PERSONAL PROFILE

Name : S.M.Raj Kumar
Date of Birth : 25.05.1979
Age : 34
Gender : Male
Marital Status : Married
Spouse Name : K.Jeyalakshmi
Nationality : Indian
Language Known : English, Tamil

Present address : S.M.Raj Kumar,
176, Jeyam Complex,
Nathakadaiyur, Kangayam,
Tirupur, Tamilnadu,
India – 638108.

Permanent address : S.M.Raj Kumar, S/O.S.Murugiah
216, School Street, Thiruchittarbalam
Sundarapandiapuram, Tenkasi,
Tirunelveli, Tamilnadu,
India – 627858.

Truly,



(S.M.Raj Kumar)