

## Faculty Profile



**Dr. K. Kumar Rajeshwari P S Kumar**

**M.Sc., MPIL., Ph.D**

Assistant Professor-Chemistry

### HIGHLIGHTS:

- Number of Journal Publications: 7
- H-Index :Nil
- Project Funding Received: Nil
- Patents Published: Nil
- Patents Granted: Nil

### PROFESSIONAL LINKS:

- Scopus ID: 18436181100
- Scopus Link: Nil
- Google Scholar ID: Nil
- Anna University Faculty ID:
- AICTE Faculty ID:
- Anna University Supervisor ID:
- LinkedIn: Nil

### PROFESSIONAL BACKGROUND:

- Teaching and Research Experience till date: 19.5 Years
- Industrial Experience: Nil

### INTERNATIONAL EXPOSURE: Nil

### AREA OF SPECIALIZATION:

- General Chemistry
- Analytical Chemistry
- Biochemistry
- Nanotechnology

### Research Interests:

- Nanotechnology

## Ph.Ds AWARDED WITH DETAILS: Nil

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

## Ph.Ds GUIDING:

- Full Time Scholars: Nil
- Part Time Scholars: Nil

## SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- Nil

## PAPERS PUBLISHED:

- K. Rajeshwari, Srinivasan Latha, T. Gomathi, K. Sangeetha and P.N. Sudha “ Preparation and Characterisation study of Nanochitosan (NCS) and polyvinyl alcohol (PVA) binary blends with glutraldehyde as a crosslinking agent” Der Pharmacia Lettre, 2016, 8 (19):485-495.ISSN 0975-5071 USA CODEN: DPLEB4.
- K.Rajeshwari, Srinivasan Latha, T. Gomathi , K. Sangeetha and P.N. Sudha "Adsorption of heavy metal Cr (VI) by a ternary biopolymer blend"Materials Today proceedings. Elsevier (accepted)
- K. Rajeshwari, Gomathi, and P.N. Sudha “Synthesis and characterization of nanochitosan-polyvinyl alcohol-carboxymethyl starch ternaryblends of various compositions with glutaraldehyde as crosslinking agent”. World Journal of Pharmaceutical Research. SJIF Impact Factor 8.074, 7 (4). ISSN 2277– 7105
- K.Rajeshwari, and P.N.Sudha “ General Spectroscopy” A Review. National Conference on Frontiers In Spectroscopy organized by Dept of chemistry Government Arts College Thiruvannamalai on 2nd & 3rd April 2012.
- K.Rajeshwari, T.Gomathi and P.N.Sudha ““Comparative studies of binary and ternary blends” (Proceedings of National Conference on Nanomaterials (NCONM-2013) at Government Arts College Thiruvannamalai) ISBN 978-93-80624-75-4.
- T. Gomathi, K.Rajeshwari , V. Kanchana, P.N.Sudha K. Parathasarthy “Impact of nanoparticle shape, size and properties of sustainable nanocomposites” Sustainable polymer composites nanocomposites,pp313-336.Springer first online: 2/ 2/2019.
- A.Rekha<sup>1</sup>, Srinivasan Latha<sup>2</sup>, K. Rajeshwari<sup>3</sup>, Annie Kamala Florence<sup>4</sup>, P.N. Sudha<sup>5,6\*</sup>, A. Vidhya<sup>1\*</sup> ” Study on the efficacy of the Sargassum wightii biochar on the remediation of partially treated tannery effluent of Ranipet Industrial area, India, ISSN:1539-1590 | E-ISSN:2573-7104, Vol. 5 No. 2 (2023) pp 1258-1268.

**JOURNAL PUBLICATIONS:**

NIL

**PATENTS PUBLISHED/GRANTED:**

NIL

**COURSES CERTIFIED:**

NIL

**ACHIEVEMENTS AND AWARDS:**

NIL

**SPECIAL SESSIONS PRESENTED/DELIVERED:**

NIL

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

Nil

**PROFESSIONAL MEMBERSHIPS: Nil OTHER DETAILS (If any):**

**Professional Development Activities:**

S.NO	NAME OF THE AWARD	YEAR	AGENCY
1	Senior Research Fellow	2005	NRC ICAR, Govt. of India