**CV**

Name : Dr. Rajesh Kumar P C

Date of Birth : 1st June, 1973

Father’s Name : Chaniappa Shetty

Marital Status : Married

Nationality : Indian

Languages Known : English, Kannada, Hindi & Tulu

**Contact Details**
Permanent address Correspondence Address

Dr. Rajesh Kumar P C Dr. Rajesh Kumar P C

SHREEMATHA Professor and Head

D No 3-117/13 Dept. Physics

Behind Petrol Bunk St. Joseph Engineering College,

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**Educational Qualification:**  : Ph D in Physics, Mangaluru University

 : 1996- Master of Science (M. Sc) in Physics from Mangaluru University.

 : 2005- Master of Information Technology (MIT) from MAHE

 : 1994 – Bachelor of Science (B. Sc) at

 St. Philomena College, Puttur, D.K, Karnataka.

 **Memberships** : Life member of International Society for Technical Education (MISTE)

**Work Experience** : **28 Years**

**Research Experience : 19 Years**

 Supervisor for Ph D Program in Physics under Visvesvaraya Technological University, Belgaum, Karnataka, INDIA

**Field of Research :** Crystal Growth, Non Linear Optical materials, Photonics, NLO nonlinear polymer films

 **Orcid Id :0000-0003-0865-5020**

**Scopus Id :57222389830/55667885600**

**Google Scholar Id :**[**NXVMl4YAAAAJ**](http://scholar.google.co.in/citations?user=NXVMl4YAAAAJ)

**Project Handled:**

* Principal Investigator for the research project entitled ‘**Development and characterization of graphene-porphyrin hybrid thin films for photonics**’ and sensor applications’ under K-FIST L2 scheme of 20 lakhs from VGST, Govt of Karnataka.
* Principal Investigator for the research project entitled **‘Irradiation Supported Design and Properties of Nonlinear optical materials for Photonic Applications’** of Rs20.36 lakhs from DAE-BRNS, Govt of India
* Received 2 lakhs fromVTU for the project entitled **‘Growth, Characterization and Properties of Photonic Materials’**
* Co-Investigator for the DAE-BRNS project **“Irradiation effects on some organic NLO crystals and doped polymers”** of 10.18 lakhs

**Publications**

International Journals : 19 Papers

International Conference 15

National Conference 11

Workshops and Seminars:

1. Participated in Faculty Development Program on Applied Physics, 18 June 2023, SJEC Mangaluru.
2. Participated in a workshop on Physics using MATLAB, 1-2 June 2023, SJEC Mangaluru.
3. Participated in a webinar on LOW DIMENSIONAL PHYSICS: A NEW PARADIGM held on 14th July 2020, organized by department of Physics, St Joseph Engineering College, Mangaluru.
4. Participated in the National level webinar on "Medical Physics and beyond" organized by the department of Physics at St Aloysius College (Autinomous), Mangaluru on 24th June 2020
5. Participated in the workshop ಕನ್ನಡದಲ್ಲಿ ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ ನಿರ್ಮಾಣ: ಸಂವಾದ which was organized by ಕನ್ನಡ ಅಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರ at Bangaluru on 29 Feb and 1 March 2020
6. Attended a workshop organized by BOS, VTU on 2nd May 2019 at VTU Belagavi for discussing syllabus of elective subjects of Physics.
7. Attended a work shop ‘FEEL Teacher’ at St Joseph Engineering College, Vamanjoor, from 2nd July 2018 to 4th July 2018.
8. Participated in three-day workshop Integra-18 on Course design and Management from 16 July to 18 July at St Joseph Engineering College, Vamanjoor
9. Participated in workshop Integra-15 on Preparation for Accreditation, New SAR & Introduction to CBCS held on 20th and 21st July 2015 at St Joseph Engineering College, Vamanjoor.
10. Participated in the workshop Integra-14 on Outcome based education from 10th to 12th July 2014 at St Joseph Engineering College, Vamanjoor.
11. Appreciative Experimental Learning workshop-Spoorti 9-12 July 2013, Pegasus Institute of Excellence, Bangalore
12. Participated in the workshop Latex on 22nd May 2013 at St Joseph Engineering College, Vamanjoor.
13. Participated in the workshop ‘Nanoscience and Technology’ held on 2rd and 3rd of Dec 2009 at Manipal University
14. Participated in the workshop ‘Current trends in Material Science’ held on 23rd and 34th of March 2009 at Yenepoya University Mangalore
15. Participated in the Soft Skills Train the trainer workshop from 4th August 2008 to 6th August 2008 at St Joseph Engineering College, Vamanjoor Participated in workshop at St Joseph Engineering College, Vamanjoor.
16. Participated in the workshop ‘Electronic and optical materials and Devices held at NMAMIT Nitte on 24-25 August 2006
17. Participated in the work shop on Optics and Photonics on 18 and 19 August 2006 at NIT, [Tiruchirappalli](https://en.wikipedia.org/wiki/Tiruchirappalli)

**WORKSHOPS/SEMINARS ORGANIZED:**

1. Faculty Development Program on Applied Physics, 18 June 2023, SJEC Mangaluru.
2. Organized 'Skill development, career and research awareness programme' for UG students of SDM College Ujire on 31 Dec 2022, SDM College Ujire.
3. Organised Faculty Orientation Program on IUCEE Mission NEP 2020 on 6th May 2022, SJEC Mangaluru.
4. Organised the webinar series 'Insights into writing research proposals and Funding opportunities' which was organized by research and facilities group, St Joseph Engineering College, Vamanjoor, Mangaluru between 20th July to 24 July 2020

**WORKSHOPS/SEMINARS CONDUCTED AS RESOURCE PERSONS:**

1. Conducted a teachers training on the topic ‘Scientific Temper’ for High school teachers on 5th August 2023, Vivekananda English Medium School Puttur.
2. Given radio talks on ‘Sadhana Patha’ Chinthana programme series, from Mangaluru Akashavani, commemoration of 75th year of national Independence, 2022.
3. Department of Physics, St Joseph Engineering College Mangaluru and Dept of Physics and IQAC Cell, SDM College Ujire jointly organize 'Skill development, career and research awareness programme' for UG students of SDM College Ujire on 31 Dec 2022
4. Given radio talks
5. Moderator, Science and Technology Utsav, at Science Center Pilikula, Mangaluru on 26 Feb 2022, Commemoration of 75th Independence Celebration
6. Conducted a webinar on the topic 'Research and Higher education' on 23 July 2020 organized by research and facilities group, St Joseph Engineering College, Vamanjoor, Mangaluru.
7. Conducted an induction programme for first year engineering students on the topic ‘Time Management, Decision making and case Studies, Self-confidence and Esteem’ from 10 Feb 2020 to 20 August 2020 at St Joseph Engineering College, Vamanjoor
8. Conducted a workshop on Career Guidance for second P U students of Sharada P U College Mangalore on 22nd Feb 2019
9. Conducted a life style seminar at Rotary Club Mangalore East, on 21st Feb 2019 on the topic ‘Talk to yourself; for a change’.
10. Conducted a workshop on Technical education awareness on 1st Dec 2018 for PU Science students at St Joseph Engineering College, Vamanjoor.
11. Conducted an induction programme for first year engineering students on the topic Time Management, Decision making and case Studies, Self-confidence and Esteem’ from 8August 2018 to 20 August 2018 at St Joseph Engineering College, Vamanjoor.
12. Conducted a workshop on ನಮ್ಮ ಶಿಕ್ಙಣ ಪದ್ಧತಿ ಮತ್ತು ಬದಲಾವಣೆ for High school teachers at Srirama High School Kalladka on 15 Sept 2018.

**TECHNICAL INTEREST**

Research, Basic Computer skills, Effective teaching, Webinars, Online classes, Student motivation, Career Guidance, Entrepreneurship etc

**SKILL SET**

Innovative teaching, Training, Communication skills, Counseling, Writing Columns, Public talks, Radio talks, Self-discipline, Leadership, Creativity, Team work, Social service etc

**Courses:** Undergone a EER course of IUCEE.

 Introduction to Psychology, Yale University 2022

Introduction to Self-Determination Theory: An approach to motivation, development and wellness Responsibilities handled, University of Rochester

* Head-Dept. of Physics, St Joseph Engineering College, Mangaluru
* BOS, BOE, Chairperson, Basics Sciences, SJEC Mangaluru
* BOS Member, SDM College Ujire
* BOS Member, St Aloysius College Mangaluru 2019-2022
* Coordinator, BSc Honours Course, St Joseph Engineering College, Mangaluru
* Lead Coordinator Faculty for the courses offered in the IUCEE NEP Program, January 2022 to June 2022, IUCEE FOUNDATION.
* Chief Coordinator-VTU Evaluation center SJEC, 2018-19
* Convener, Graduation day 2015, St Joseph Engineering College, Mangaluru.
* Coordinator, NBA Accreditation, St Joseph Engineering College, Mangaluru.
* Coordinator, National Conference, NCSEA-2014, St Joseph Engineering College, Mangaluru.
* Convener, First year Inauguration 2014 and 2008, St Joseph Engineering College, Mangaluru.
* Coordinator, State level project exhibition-2004, St Joseph Engineering College. Mangaluru.
* Internal Exam Coordinator, DCS, St Joseph Engineering College, Mangaluru.
* Coordinator and Resource person for Outreach Programs, St Joseph Engineering College, Mangaluru.
* Resource person for the Orientation program for PUC students, St Joseph Engineering College, Mangaluru.

**Other Activities:**

* Columnist, Science writer
* Resource person for various youth empowering programs, NEP-2020
* Social Enthusiast