

K ANIL KUMAR

✉ Email Id : erkanilkumar@gmail.com

📍 Address : Raipur, Chhattisgarh



🌐 LinkedIn: <https://www.linkedin.com/in/kanilkmr/>

Date of Birth : 07 April 1993 | **Gender** : Male | **Nationality** : Indian | **Contact** : +91-7898301229

PERSONAL STATEMENT

"I'm having 9-10 Months of teaching experience. Classes taught to post-graduate students (M.Tech in Optoelectronics and Laser technology) at Government owned State University. In this short span of my teaching experience, I Co-supervised one M.Tech, Major Project Phase-II thesis.

I'm a passionate educator with a strong desire to help students recognize the connection between learning and experience. Strong communicator who can clearly and confidently lecture students in a classroom or auditorium setting. Outgoing, energetic and motivating personality to encourage students to participate in in-class discussions and to help them learn the value of group work. Team player who is committed to contributing to departmental objectives to create an optimal experience for both students and faculty."

PROFESSIONAL HIGHLIGHT

- Curriculum development
- Student assessment
- Classroom management
- Lesson planning
- Discussion facilitation
- Attention to detail

EDUCATION

2020-2021

M.Tech, Optoelectronics and Laser technology,

School of Studies in Electronics and Photonics, PRSU, Raipur, Chhattisgarh

88.41 %

2012-2016

B.E, Electronics and telecommunication,

Government Engineering College, Raipur, Chhattisgarh

63.96 %

AISCE-2011 (Class XII)*Kendriya Vidyalaya, Raipur, Chhattisgarh***74.8 %****AISSE – 2009 (Class X)***Kendriya Vidyalaya, Raipur, Chhattisgarh***80.6 %****DIGITAL TOOLS / SKILLS / SOFTWARES****C/C++ | Matlab | Octave | Python 3 | Quirk | Qiskit | Microsoft Office (Word, Power Point, Excel)****GD-Calc | Xilinx | VHDL | HTML | CSS****WORK EXPERIENCE / TEACHING EXPERIENCE**

Name of Institute/ College/ University	Designation/ Scale of Pay/ Honorarium	Nature of appointment (Contract/ Guest/ Part Time/ Permanent)	Classes Taught (UG/PG)	Period (From- To)	Total Teaching Experience (Years & Months)
S.O.S in Electronics and Photonics, PRSU, Raipur, Chhattisgarh	Assistant Professor/ 31,200 / 300 per class	Guest Faculty	PG (M.Tech in Optoelectronics and Laser Technology)	October 2022 – June 2023	9 Months

INTERNSHIPS

- **January 2022 – June 2023 (M.Tech)**
Research Intern, CSIR-Central Electronics Engineering Research Institute
CSIR-CEERI, Pilani, Rajasthan.

- **June 2015 – July 2015 (B.E)**
Vocational Trainee, Airports Authority of India
Air Traffic Control (ATC), CNS and Security
Swami Vivekananda International Airport, Raipur, Chhattisgarh.
- **August 2014 – September 2014 (B.E)**
Vocational Trainee, Steel Authority of India
Signaling and telecommunications within a Plant, Plant safety, Basic knowledge on working of different production mills and shops within a Plant.
Bhilai Steel Plant, Bhilai, Chhattisgarh.

ACOMPLISHED PROJECTS

Major Project (M.Tech): Jan 2022 – June 2022

Topic: "Design and modeling of nanostructured surfaces for improved light absorption for photo sensing application."

Project description:

The main aim of this project is to study different nanostructured surfaces for light improvement. We examined three different models for the absorbance, with the change in material and geometry, using COMSOL.

Major Project (B.E): Feb 2016 – May 2016

Topic: "Traffic Control System for Emergency Vehicles"

Project description:

The main aim of this project is to develop an intelligent ambulance which will reach the hospitals without any problem in heavy traffics. We introduced a scheme called ITLS (Intelligent Traffic Light System), which would control mechanically the traffic lights in the path of the ambulance.

Minor Project (B.E): Oct 2015 – Dec 2015

Topic: "Automatic Speed Control of Vehicles using VHDL"

Project description:

In this project, a way of automatic speed control (ASC) of vehicles in speed limiting zones is analyzed using VHDL models and coding. VHDL is an acronym for VHSIC (very high speed integrated circuit) Hardware Descriptive Language.

AREA OF INEREST

**Solar PV Technology | Quantum Communication | Quantum Computing | Photonic integrated circuits
 Optoelectronics device design and modelling**

LANGUAGES

Telugu | Hindi | English