

NAMAN SHUKLA**M.Tech. (Opto-electronics & Laser Technology), UGC-NET Electronic Science**

C/o Vivekananda Kendra Kanyakumari Shakha Raipur,
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**OBJECTIVE:**

To work as a responsible individual in an educational group where I can effectively utilize my experience.

ACADEMIC PROFILE:

- Ph.D. (Electronics) 2017 pursuing: School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.).
- Qualified UGC – NET NOV 2017 for Assistant Professor in the subject *Electronic Science*.
- Diploma in English 2016: School of Studies in Literature and Languages, Pt. Ravishankar Shukla University, Raipur (C.G.).
- M.Tech. (Opto-electronics and Laser Technology) 2013-15: School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.), (First division with distinction).
- M.Sc. (Electronics & Communication) 2012: School of Electronics, Devi Ahilya University, Indore (M.P.), (First division with distinction).
- B.Sc. (Math, Physics, Electronics) 2010: DDU Gorakhpur University, Gorakhpur (U.P.).
- Higher Secondary 2007: M.A. Intermediate College Deoria (U.P.).
- Secondary 2005: CSA Inter College Deoria (U.P.).

EXPERIENCE:

- Working as a Guest Faculty in School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.) in the periods from 2 August, 2018 to till the date.
- Worked as a Guest Faculty in Renewable Energy Technology and management department, Pt. Ravishankar Shukla University, Raipur (C.G.) in the periods 21 September, 2015 to 23 August, 2016 and from 07 July, 2016 to 30 April, 2017.
- Worked as a Guest Faculty in School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur (C.G.) in the periods from 23 August, 2016 to 3 May, 2017 and from 26 July, 2017 to 30 November, 2017.

AREA OF INTEREST:

Embedded System and Programming, Laser physics and applications in plasma, Photonic devices, development and fabrication of efficient Solar cell .

PROFESSIONAL SKILL:

- Programming Languages: C, C++, Data Structure, Java, MATLAB.
- Hardware Programming: Embedded Programming using C in AT89C51, Microprocessor 8085 programming.
- Operating System: Windows XP/VISTA/7/10.

- Subjects of Interest: Embedded System, Opto-electronics, Photonic Devices, Plasma Experiments and its Applications, Laser Technology, Nonlinear Optics.
- Awareness of Vacuum Coating Unit, Spin Coating Unit, Spray Pyrolysis, Ellipsometry Technique, Light Runner Experiments.
- Areas of development and applications of high energy, high power lasers.

PROJECT WORKS:

[1] Project Work on "Simulation, Fabrication & Characterization of BHJ Inverted Organic Photovoltaic Cells" executed at NCPRE, IIT Bombay in duration 4 July, 2018 to 1 August, 2018.

[1] M.Tech. Opto-electronics and Laser Technology (1 year- July, 2014 to June, 2015)

Title: Particle velocity measurement techniques for the determination of Equation of State of materials at high temperature and pressure.

From: Raja Ramanna Centre of Advance Technology, Indore (M.P.).

Established two beam shadowgraph setup, Piezo-electric sensor PVDF setup for idea of momentum of the particles, awareness of Indigenous Streak Camera, Basic knowledge of Laser Plasma Experiments.

[2] M.Sc. Electronics & Communication (6 months - Jan, 2012 to June, 2012)

Title: Industrial Automation Using Cell-Phone and P89V51RD2 Microcontroller.

From: Devi Ahilya University, Indore (M.P.).

Fabricated the DTMF decoder for sensing very low frequencies and on chip burner used with microcontroller, awareness of Proteus software.

Language: Assembly & C++

Tool: Keil μ -Vision3

[3] B.Sc. Maths, Physics, Electronics

As a minor Project, fabricated four bit multiplier digital circuit and Transistor modulator in curriculum.

Workshop, Seminar, Symposium Attend and Activities:

- Participated in Four Week Summer Training at OCB section in BSNL Gorakhpur(U.P.)
- Attended a 3-Day National Seminar on "VLSI: Design and Fabrication Aspects" Organized by Columbia Institute of Engineering and Technology sponsored by AICTE, New Delhi.
- Attended DAE-BRNS 7th National Symposium on "Pulse Laser deposition on Thin Films and Nanostructured Materials", Organized by IIT Kharagpur and RRCAT Indore.
- Attended Annual Photonic Workshop 2014 Organized by International School of Photonics, CUSAT, Cochin.
- Naman Shukla, Mohan Patel, Sanjay Tiwari, "Application of Nanomaterial : Organic Transistor Odour sensor", National Conference on Recent Trends in Photonics (NCRTP2014), Pt. Ravishankar Shukla University, Raipur (C.G.).
- Tameshwari Nayak, Naman Shukla, R.N. Baghel : "Holographic Memory Devices : A Review", National Conference on Recent Trends in Photonics (NCRTP2014), Pt. Ravishankar Shukla University, Raipur (C.G.).

- Kundan Lal Verma, Naman Shukla, Anil Kumar Verma, Sanjay Tiwari: A Survey of Biophotonics Applications in Neuroscience Practices, National Conference on Recent Trends in Photonics(NCRTP-2014) , Pt. Ravishankar Shukla University, Raipur (C.G.).
- Participated in a National Laser symposium-23 Organized by RRCAT Indore and Tirupati University.
- Atul Kumar, N.Shukla, M.P.Kamath, A.S.Joshi, P.A.Naik, P.K.Gupta, P.D.Gupta, et. al. "Simultaneous measurements of Particle Velocity using PVDF detector and Shadowgraphy technique and their comparison", National Laser Symposium-24, Raja Ramanna Centre for Advance Technology, Indore.
- Atul Kumar, P.K. Singh, Y.B.S.R. Prasad, M. P. Kamath, N. Shukla, A. S. Joshi, H.S. Vora, P. A. Naik, C.P. Navathe and P. D. Gupta et. al., "Equation of State Studies of Aluminum by simultaneous measurements of Shock velocity using indigenously developed Streak camera and Particle velocities using shadowgraphy and comparison with simulations", National Laser Symposium- 24, Raja Ramanna Centre for Advance Technology, Indore.
- Participated in a Surya IOM Professional Training Programme (13 days) of NISE, Govt. of India organized by CREDA, Raipur.
- Participated in an INUP Familiarization Workshop (3 days) and 7th Hands-on Training (10 days) on "Photovoltaic and Micro and Nano Characterization Techniques" of CeNSE, Indian Institute of Science, Bangalore.
- Annul Student Organization member of Photonic Society of India, Indian Laser Association (Student Member, SM-231), Chhattisgarh Vigyan Bharti (Life Member, Membership No.- 281) and Vivekananda Kendra Kanyakumari, Spritual Organization.

PERSONAL DETAILS :

Name : Naman Shukla
 Father's Name : Anil Kumar Shukla
 Mother's Name : Nirmala
 Date of Birth : 15.07.1992
 Nationality : Indian
 Religion : Hindu
 Hobby : Reading, Playing Cricket and Badminton
 Languages Known : English, Hindi

Referees:

[1] Dr. Sanjay Tiwari, Prof. & Head, SoS in Electronics and Photonics, Pt. Ravishankar Shukla University Raipur, (C.G.) E-mail: stiwari@fulbrightmail.org, Mobile: +91-9424225771.

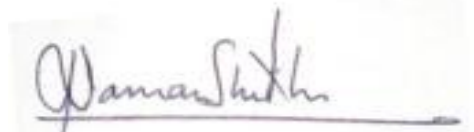
[2] Shri M.P. Kamath, Scientific officer 'G', Raja Ramanna Centre of Advance Technology, Indore E-mail: kamath@rrcat.gov.in, Mobile: +91-9302103180.

Declaration:

The above mentioned information are true the best of my knowledge and perception.

Date: 16/09/2018

Place: Raipur



Naman Shukla