

**DHARMENDRA KUMAR**  
M. Tech. (Optoelectronics & Laser Technology)  
Pt. Ravishankar Shukla University  
Raipur, Chhattisgarh.  
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### **Career Objective:**

Looking for a position in the areas related to academics and research; where I can fruit fully use my experience and technical skills. I aim at establishing a research career in the specialized fields of Material science, Solar Photovoltaic (Inorganic, Organic, DSSC etc.),and OLED ,

### **Academic Qualification:**

<b>CLASS</b>	<b>BOARD/UNIVERSITY</b>	<b>YEAR OF PASSING</b>	<b>MARKS (%)</b>
M. Tech.	Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	2017	83.00
M.Sc.	Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	2015	78.13
B.Sc.	V.B.S. Purvanchal University, Jaunpur (Utter Pradesh)	2011	52.55
12 <sup>th</sup>	Utter Pradesh Board of Secondary Education, Varanasi	2007	66.20
10 <sup>th</sup>	Utter Pradesh Board of Secondary Education, Varanasi	2005	58.00

### **Training**

<b>DEPARTMENT</b>	<b>SEMESTER</b>	<b>DURATION</b>	<b>PLACE</b>
"Electrical department"	M. Sc. 4 <sup>th</sup> Sem.	1 month	Bhilai Steel Plant, Bhilai (C.G.)

### **Research Interests**

- Solar Photovoltaic
- DSSC
- Optoelectronics
- Material science
- OLED

## **M.Sc. Project :-**

Major project report entitled “**Micro-Controller Based Tachometer**”, Pt. Ravishankar Shukla University, Raipur (C.G.) for award of M.Sc. Degree (2015).

## **M. Tech Project :-**

**Topic: Structural and optical characterization of  $(\text{Ga}_x\text{Cr}_{1-x})_2\text{O}_3$  ( $0 \leq x \leq 0.45$ ) and  $(\text{Al}_x\text{Cr}_{1-x})_2\text{O}_3$  ( $0 \leq x \leq 1$ ) synthesized using solid state reaction method**

**Guide:** Mr.Ravindra jangir SO/E, Material Research Laboratory, Synchrotron Utilization Section, RRCAT, Indore, Madhya Pradesh, India

## **Publication: -**

Jangir, Ravindra, Dharmendra Kumar, Velaga Srihari, Ashok Bhakar, A. K. Poswal, P. R. Sagdeo, Mangla Nand, S. N. Jha, Pragya Tiwari, and Tapas Ganguli. "Studies on structural and optical gap tunability in  $\alpha$ - $(\text{Ga}_x\text{Cr}_{1-x})_2\text{O}_3$  solid solutions." Journal of Alloys and Compounds (2018).

## **Academic Accomplish**

- Participated in “**PCB & Circuit Designing**” workshop cum championship at Pt. Ravishankar Shukla University, Raipur organized by Robo Edutech India Pvt. Ltd. In Association with Wissenaire IIT Bhubaneswar during 4-5 march 2016.
- Participated in the “**National Conference on Recent Trends in Photonics**” at Pt. Ravishankar Shukla University, Raipur, during 12-14 march 2014.
- Participated and presented his work titled “Structural and optical characterization of  $\text{Al}_x\text{Cr}_{2-x}\text{O}_3$  ( $0 \leq x \leq 2$ ) and  $\text{Ga}_x\text{Cr}_{2-x}\text{O}_3$  ( $0 \leq x \leq 1$ ) synthesized using solid state reaction method” in the poster session ANUGOONJ 2K17-an annual fest of project trainee held on 10<sup>th</sup> April 2017 at Raja Ramanna Center for Advance Technology (RRCAT) Indore.

## **Personal Particulars**

Name : Dharmendra Kumar  
Father's Name : Mr. Mangala Prasad  
Date of Birth : 26/03/1991  
Address : Vill-Dhanapur, Post-Paniyara, Dist-Varanasi, Pin-221305 (U.P.) India  
Language known : English, Hindi

## **Declaration**

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Date and Place: (DHARMENDRA KUMAR)