

## Teachers Profile of

### Dr. Krishna Chandra Dubey

S/O – Hari Shankar Dubey

Date of Birth – 01/01/1974

Assistant Professor (Level-12)

Department of Physics,

Shia P. G. College, Lucknow, India.



#### Qualification -

- PhD awarded from Lucknow University in Physics
- MSc. Physics awarded from Lucknow University, Lucknow
- BSc. (Physics, Maths and Statistics) awarded from Lucknow University, Lucknow
- Intermediate – Passed with Ist Division from U.P Board, Allahabad
- HighSchool – Passed with Ist Division (with Honor) from U.P Board, Allahabad

**Teaching Experience** – 10 years

#### Positions previously/currently hold/holding other than teaching:-

1. Worked as Lucknow University Representative in B. Ed. Entrance Examination – 2021
2. Worked as Lucknow University Representative in B. Ed. Entrance Examination – 2020
3. Worked as an **Asst. OSD** of Lucknow University Evaluation cell since March 2012-June-2012 .
4. Worked as an **Asst. OSD** of Lucknow University Evaluation cell since March 2017-June-2017 .
5. Worked as an **Asst. OSD** of Lucknow University Evaluation cell since March 2018-June-2018 .
6. Worked as an **Asst. OSD** of Lucknow University Evaluation cell since March 2019-June-2019.
7. Worked as an **Asst. OSD** of Lucknow University Evaluation cell since March 2020-June-2020
8. Worked as **Program officer** NSS of the college.
9. **Organizing secretary** of national seminar in “Innovative Methods in Teaching Physics” organized by department of Physics, Shia Post Graduate College, Lucknow, on 5 and 6<sup>th</sup> March 2020.
10. Practical Examiner of Amity University Lucknow.
11. Practical Examiner of **CSJM University** Kanpur.

12. Examiner of B.Sc. III Physics paper I in Lucknow University examinations 2017.  
Examiner of B.Sc. II Physics paper II in Lucknow University examinations 2013.
13. **Paper Setter of** B.Sc. II semester Physics paper I in Lucknow University examinations in 2019.
14. Examiner of B.Sc. I, II & III Physics Practical/Theory examinations in Siddhartha University Siddarthanagar, UP, in 2019.
15. Examiner of B.Sc. II paper I and III & III Physics paper III in Lucknow University examinations 2019.
16. Worked as an **Observer** in JEE B.Ed. entrance examination held on 3-5-2017.
17. Worked as an **Observer** in CTET entrance examination held 2019 and 2020.

### **Orientation and Refresher Courses Performed**

- **Orientation program** in 2013 from UGC-ASC Lucknow University Lucknow, from May-01 to May-21.
- **Refresher course** (Interdisciplinary) in 2015 from UGC-HRDC- Ranchi University, Ranchi, from Aug-04 to Aug-24.
- **Refresher course** (Physics) in 2018 from UGC-HRDC- Allahabad Central University, Allahabad, from Nov-12 to Dec-02.
- **Refresher course** (Physics) in 2020 from UGC-HRDC- , University of Gorakhpur02-11-2019 to 14-11-2019
- **Faculty Development Program** on Entrepreneurship Training in Renewable Energy Sector organized by Centre of Excellence Renewable Energy Education and Research, University of Lucknow 20<sup>th</sup> Jan to 1<sup>st</sup> Feb 2021
- **Faculty Development Program** on advances in Nanotechnology and optoelectronics, photovoltaic applications in 2018 from Central Institute of Plastics Engineering and Technology, Lucknow. From June 25/2018-June 30/2018
- **Member of Indian Science Congress**

### **Published Papers (Total 21)**

1. Structural and optical studies of multi-walled carbon nanotubes N. Dwivedi, K. C. Dubey, R. K. Shukla Materials Today: Proceedings 29 (2020) 872-875

2. Synthesis of undoped and Fe doped nanoparticles of TiO<sub>2</sub> via co-precipitation technique and their characterizations Neetu Rathore, R. K. Shukla, K.C. Dubey, AsitaKulshreshtha Materials Today: Proceedings 29 (2020) 861-865 ISSN: 2214-7853 <https://doi.org/10.1016/j.matpr.2020.05.074>
3. ZnO Nano-micro structures and their Photo Conducting Properties Synthesized by Sol-Gel Method Sheo K. Mishra, U.K. Tripathi, Saurabh Dixit, K.C. Dubey and R.K. Shukla SAMRIDDHI An International Journal, Vol.10, No.2, 95-97 (2018) ISSN:2229-7111 (Print) ISSN:2454-5767 (Online) DOI:10.18090/samriddhi.v10i02.3 UGC Approved Journals No. 64061
4. ZnO Nano-micro structures and their Photo Conducting Properties Synthesized by Sol-Gel Method Sheo K. Mishra, U.K. Tripathi, Saurabh Dixit, K.C. Dubey and R.K. Shukla SAMRIDDHI An International Journal, Vol.10, No.2, 95-97 (2018) ISSN:2229-7111(Print)ISSN:2454-5767(Online)DOI:10.18090/samriddhi.v10i02.3 UGC Approved Journals No. 64061
5. Structural, Morphological and Optical Studies of As-Prepared and Annealed Cadmium Doped Te<sub>90-x</sub>Se<sub>10</sub>Cd<sub>x</sub> Chalcogenide Arvind Kumar Verma, Susheel Kumar Singh, R. K. Shukla and K. C. Dubey International Journal of Pure and Applied Researches (IJOPAAR) 2017 Vol. 3(1); pp. 08-15, ISSN No. 2455-474X UGC Journal No. 45204 IF= 4.03.
6. Electrochemical behavior and Optical properties of Pani/ Mn Divyanshi Srivastava, R.K. Shukla, K.C. Dubey International Journal of Pure and Applied Researches (IJOPAAR) 2017 Vol. 3(1); pp. 32-37, ISSN: 2455-474X UGC JOURNAL NO. 45204

7. Investigation of Photoresponse in Cadmium Sulfide Nanoparticles Sheo K. Mishra, Akhilesh Tripathi, Rajneesh Kumar Srivastava, K.C. Dubey and R. K. Shukla AIP Conference Proceeding 1665, 110034 (2015); ISBN: 978-0-7354-1310-8 Editors: D. Bhattacharyya, R. Chitra and N. K. Sahoo Volume number: 1665 Published: Jun 24, 2015 ISSN No. 0094-243X, e-ISSN Number: 1551-7616 DOI: 10.1063/1.4918090
8. Optical and Humidity Sensing Properties of Pure ZnO and ZnO/SnO<sub>2</sub> Thin Films Deposited by Spray Paralysis Method K C Dubey, Harshita Singh, R K Shukla International Journal of Scientific Research and Management 3 (7), 3416-3420 (2015) Website: www.ijstrm.in ISSN (e): 2321-3418
9. Synthesis, Optical and Humidity Sensing Properties of Pure ZnO and ZnO: SnO<sub>2</sub> thin films K C Dubey, Abhay S Jaiswal & R K Shukla IMPACT: International Journal of Research in Engineering & Technology: Vol. 3, Issue 7, 57-621 (2015) ISSN(E):2321-8843; ISSN(P):2347-4599.
10. Thermal Behavior of Chalcogenide glasses Te<sub>90</sub>Se<sub>10</sub> and Se<sub>90</sub>Te<sub>10</sub>. Arvind Kumar Verma, Anchal Srivastava, R.K Shukla and K.C Dubey SAMRIDDHI-A Journal of Physical Sciences, Engineering and Technology (S-JPSET) 7 (2) (2015) Page 113-118 ISSN:2229-7111 (print), e-ISSN Number : 24545767 (online) DOI: 10.18090/samriddhi.v7i2.8636 Corresponding Author
11. Humidity Sensing Study of Zn<sub>1-x</sub>Ag<sub>x</sub>O Polycrystalline Thin films Akhilesh Tripathi, Sheo K. Mishra, Indra Bahadur, K.C. Dubey and R.K. Shukla J. Sci. & Tech. Res.24, 53-55 (2013). ISSN Number: 2278-3350 Corresponding Author

12. Heat Treatment of Nanocrystalline ZnO and AZO films Grown by Pulsed Laser Deposition K.C.Dubey, Dharmendra Mishra, Anchal Srivastava and R.K. Shukla Sensors And Transducers Journal, Vol. 113, Issue 2, February, 2010, pp.150- 157 ISSN 1726-5479
13. Oxygen pressure and heat treatment effect on nanocrystalline ZnO films grown by pulsed laser deposition K. C. Dubey, A. Srivastava, A. Srivastava and R.K. Shukla Optoelectronics and Advanced Materials-Rapid Communication Vol.4, No.2, 2010, p.169-173. ISSN: 1842-6573
14. Enhancement in the Visible Photoluminescence from Fe Doped ZnO Films R.K. Shukla, Anchal Srivastava, K. C. Dubey and Kaakhya Prakash Misra Proceedings of 3rd National Conference on Nanomaterials and Nanotechnology, 21-23 Dec.,2010. Mindshare International Refereed Journal: Vol.1, 2010,pp.282 ISSN:2229-4872 Corresponding Author
15. Synthesis and Characterization of Copper Nanoparticles R.K. Shukla, Anchal Srivastava, K.C. Dubey and Anurag Prasad Proceedings of 3rd National Conference on Nanomaterials and Nanotechnology, 21-23 Dec., 2010. Mindshare International Refereed Journal: Vol.1, 2010,pp.332 ISSN:2229-4872
16. Growth and Characterization of Nanocrystalline ZnO Thin Films By Spray Pyrolysis: Effect of Molarity of Precursor Solution Dharmendra Mishra, K.C. Dubey, R.K. Shukla, Anchal Srivastava and Atul Srivastava Sensors & Transducers Journal, Vol.105, Issue 6, June.2009, pp.119-126. ISSN 1726-5479
17. Dielectric Properties of Zinc Oxide Pellets RK Shukla, Atul Srivastava, KC Dubey and Nishant Kumar International Conference on Emerging Trends in Electronic and Photonic Devices & Systems, 2009.

ELECTRO'09. Pages 465 Publisher IEEE DOI:  
10.1109/ELECTRO.2009.5441067 Corresponding Author

18. Reduction in carrier concentration by calcium doping in ZnO thin films  
Kamakhya Prakash Misra, K. C. Dubey, R. K. Shukla and Anchal  
Srivastava International Conference on Emerging Trends in Electronic  
and Photonic Devices & Systems, 2009 (ELECTRO-20'09). Pages 495  
Publisher IEEE, December 2009 DOI:  
10.1109/ELECTRO.2009.5441059.

19. Humidity Sensing Property of Zinc Oxide Film Deposited by PLD  
Shobhna Dixit, KC Dubey, KP Mishra, Atul Srivastava, RK Shukla and  
Anchal Srivastava Mater. Res. Soc. Symp. Proc. Vol. 1074, 2008,  
pp.1074-I05-27 <https://doi.org/10.1557/PROC-1074-I05-27>

20. Temperature Sensitivity of Nanocrystalline Zinc Oxide Films K. C.  
Dubey, Shohana Dixit, D. Mishra, Atul Srivastava, Anchal Srivastava  
and R. K. Shukla Journal of Nepal Phys. Soc. Vol.23,NO.1, July 2007,  
Page 24-26. ISSN 2392-473X

21. Growth of Transparent Conducting Nanocrystalline Al Doped ZnO Thin  
Films by Pulsed Laser Deposition R.K.Shukla, Anchal Srivastava, Atul  
Srivastava, K.C. Dubey J. of Crystal Growth, 294 (2006) 427-431.  
ISSN:0022-0248 DOI:10.1016/j.jcrysgro.2006.06.035 Corresponding  
Author

### **Published Books**

1. Introduction to Photoconductivity R.K. Shukla, K.C. Dubey and S.K.  
Mishra Published by Walnut Publication, Bhubaneswar, India ISBN:  
978-93-8839-724-7
2. Conducting Polymer – Metal Nanocomposites and its Applications R.K.  
Shukla, K.C. Dubey and S.K. Singh Published by AkiNik Publication,  
New Delhi, India ISBN: 978-93-5335-053-6

### **Published Book Chapter**

1. Introduction and Synthesis of Conducting Polymers R.K. Shukla, S.K. Singh and K. C. Dubey Research Trends in Chemical Sciences, Vol.2: Page. No.17-27 AkiNik Publications, Delhi
2. Information Communication technology in education. K. C. Dubey. Published By: Environment and Society, Government P.G College Saidabad, Prayagraj. Issue Year: 2020 ISBN: 978-81-931262-3-3.
3. Gandhi – Direction for Development in Modern India. Dr. K. C Dubey. Published By: Progressive Publications. Issue Year: 2019 ISBN: 978-81-941592-1-6
4. Laser Applied in Medical Diagnosis and therapy. Dr. K. C Dubey. Published By: IMHRC, Lucknow, India. Issue Year: 2019. ISBN : 978-93-53-46-15-53

**Oral/Poster Paper/ Session Chair/ Invited Talks etc.**

- 32 Oral/ Poster paper presentations in different conference/seminars.
- 1 Session chair in International seminar in 2020.
- 1 Session chair in National e-conference on inter-disciplinary research in science and technology from 30 May-31 May, 2020.
- Organizing secretary in 1 national seminars and 2 e-conferences.
- 3 Invited talk at fourth Prof. K P Pandya lecture on 29<sup>th</sup> -30<sup>th</sup> August-2012 in Dept. of Physics, University of Lucknow, Lucknow. Oral talk at Prasad Institute of management and technology, Lucknow on January 7,2012. Oral Talk on February 11, 2019 in Dept. of Physics Pioneer Girls Degree College, Lucknow.

S.No	National/International	Title	Conducting Agency/Instt.	Year
<b>Last five years(after sept-2015)</b>				
1	International	Ammonia gas..	SMS-SPEEDS-2015	Nov 21-22, 2015
2	National	Innovative Method..	Dept. of Chemistry, University of Lucknow	Oct 8-10, 2015
3	International	Synthesis..	BHU, Varanasi	October 27-29, 2015
4	International	Structural Optical Properties..	SMS-SPEEDS, Lko	November 19-20, 2016
5	International	Advance in Life..	Dept. of Physics	Jan 16-18, 2016
6	International	Dielectric Properties ..	Amity University, Lucknow	Jan 20-21 2016
7	International	Structural. Morphological..	SMS-SPEEDS, Lko.	Dec 9-19, 2017
8	National	Study of spectroscopic	SMS, IE & AKTU LKO	12-10-2017
9		behaviour of 2-diphenyl..	SPEEDS	
10	International	Investigation of ...	Indian Science Congress	Jan 3-7, 2017
11	National	Temperature Sensitivity..	Dept. of Physics, University of Lucknow	Feb 11-13, 2017
12	International	Dielectric behaviour	Indian Science Congress, Manipur	March 16-20, 2018
13			University, Imphal	
14	National	Optical Studies..	F.A.A. govt. P G College	Feb 16-17, 2018
15	International	Spectroscopic..	Indian Science Congress,	Jan 3-7, 2019
16			LPU, Jalandhar	
17	International	Bio-psychological	Shia P G college Lko.	Jan 13, 2019
18	National	Mahatma Gandhi	Dept. of History	Feb 21-22 2019
19		Kalauraaj	Shia P.G. College, Lucknow	
20	International	Global Enivrionment...	Navyug Kanya Mahavidyalaya, LKO	September 7&8,2019
21	International	Electrical cum Optical	SMS-SPEEDS, Lko	Feb-6&7-2020

**Dr. Krishna Chandra Dubey**  
 Deptt. of Physics  
 Shia P. G. college Lucknow.