

# **CURRICULUM-VITAE**

## **Name: Dr. Chandreshvar Prasad Yadav**

Assistant Professor

Department of Physics

P.B.P.G. College, Pratapgarh City-230002.



## **Objective:**

To serve an organization which provides challenging assignments to bring out the best of my creative potential, which gives an environment to constantly learn new things and which supports me to excel in my field of endeavor.

## **Personal Information:**

- Email- cpy99physics@gmail.com
- Mob. (+91) 9450857696, 8318267501
- Nationality: Indian, Sex: Male,
- Languages Known: English & Hindi

## **Educational Qualifications:**

<b>Qualification</b>	<b>University/Institution</b>	<b>Year</b>	<b>Subjects</b>	<b>%</b>
High School	U. P. Board, Allahabad	1999	Hindi, English, Mathematics 2, Science 2, Social Science, Biology	53.33
Intermediate	U. P. Board, Allahabad	2001	General Hindi, Physics, Chemistry, English, Mathematics	50.80
B. Sc.	R. M. L. Awadh University, Faizabad	2005	Physics, Chemistry, Mathematics	55.16
M. Sc.	R. M. L. Awadh University, Faizabad	2007	Physics - (Electronics)	63.74
B. Ed.	Kurukshetra University, Kurukshetra	2010	Science, Math Group	64.00
Ph.D.	C. S. J. M. University, Kanpur (Registration No. 15290036)	2020	Physics (Thesis)*	Awarded

\***Title of Thesis:** Ultrasonic Characterization of Structured Materials and Smart Fluids.

**Publications:** Research paper published in reviewed International/national journals: 14+05=19

## **Awards/Achievement-**

- Ph.D CET-2012 – Dr. R.M.L Awadh University, Faizabad (U.P.).
- Best Paper Award –2019 by Ultrasonic Society of India, New Delhi at ICUMSAT-2019 (V.B.S. Purvanchal University, Jaunpur, U.P.).
- Dr. T. K. Saksena Memorial Award –2021 for best Ph.D. Thesis by Ultrasonic Society of India, New Delhi-110012, India.

**Membership in Professional Bodies-** Ultrasonic Society of India (LM-372)

**Experience:****(a) Teaching Experience:**

Department of Physics P.B.P.G.College, Pratapgarh City Pratapgarh-230001, U.P., India Assistant Professor 11 <sup>th</sup> May 2022 to Till now	Department of Physics S.V.M. Sci.& Tech. P.G. College, Lalganj Ajhara Pratapgarh-230132, U.P., India Lecturer 07 <sup>th</sup> December 2008 to 30 <sup>th</sup> June 2009 & 01 <sup>st</sup> August 2010 to 30 <sup>th</sup> June 2015
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**(b) Research Experience:**

Ultrasonics Group, Dept. of Physics  
P.P.N. (P.G.) College, Kanpur-208001, U.P. India  
Research Scholar  
November, 2015 to October, 2020

**List of Publications:**

S.N.	Author(s)	Year	Title of the Paper	Reference	Impact Factor
1.	M. Kumar, <b>C.P. Yadav</b> , D. K. Pandey, D. Singh	2022	An ultrasonic exploration of physico-chemical properties for mixture of Dichloroacetyl Chloride with Polar, Non-polar and Polymers at 300K	Journal of Pure and Applied Ultrasonics 44, 2022.	---
2.	M.A. Khan, <b>C.P. Yadav</b> , M. Kumar, D. K. Pandey	2022	Temperature dependent ultrasonic characterization of AuRE intermetallics	Journal of Pure and Applied Ultrasonics 44, 2022.	---
3.	M.A. Khan, M. Kumar, <b>C.P. Yadav</b> , D. K. Pandey	2021	Mechanical, thermal and ultrasonic properties of AgRE intermetallics at different temperatures	Phase Transitions, 95(2), 131-142.	1.42
4.	M. Kumar, M.A. Khan, <b>C.P. Yadav</b> , D. K. Pandey, D. Singh	2021	Ultrasonic characterization of the binary mixture of 2,3 Dichloroaniline with methanol and ethanol	Indian Chemical Engineer	1.091

5.	M. Kumar, <b>C.P. Yadav</b> , D. K. Pandey, D. Singh	2021	Physico-Chemical properties of binary mixture of 2,3 Dichloroaniline and Carbon Tetrachloride at 300 K	Asian Journal of Chemistry, 30(10), 2386-2392.	0.535
6.	M. Kumar, M.A. Khan, <b>C.P. Yadav</b> , D. K. Pandey, D. Singh	2021	Ultrasonic characterization of binary mixture of 2,3 Dichloroaniline with Polyethylene glycol	Journal of Chemical Thermodynamics, 161 (2021) 106557.	3.178
7.	M.A. Khan , M. Kumar, <b>C.P. Yadav</b> , D. K. Pandey	2021	Investigation of elastic, thermal and ultrasonic properties of ScRu under variation of pressure and size	Zeitschrift für Naturforschung A- A Journal of Physical Sciences, 76 (7), 2021	1.426
8.	B.K. Yadav, P. Singh, <b>C.P. Yadav</b> , D.K. Pandey	2021	Synthesis and characterization of ZnSe <sub>1-x</sub> Tex chalcogenide thin films	Phase Transitions, 94, (2021), 326-337.	1.42
9.	B.K. Yadav, P. Singh, <b>C.P. Yadav</b> , D.K. Pandey and D. Singh	2020	Structural and Wavelength Dependent Optical Study of Thermally Evaporated Cu <sub>2</sub> Se Thin Film	Zeitschrift für Naturforschung A- A Journal of Physical Sciences, 75 (9), 2020, In Press	1.426
10.	<b>C.P. Yadav</b> , D. K. Pandey and D. Singh	2020	Ultrasonic Study of Si-oil based Magneto-Rheological Fluid	Zeitschrift für Naturforschung A- A Journal of Physical Sciences, 75 (7), 2020, 657-663	1.426
11.	J. Bala, D. Singh, D. K. Pandey and <b>C.P. Yadav</b>	2020	Elastic and ultrasonic properties of ScM (M:Ru, Rh, Pd, Ag) intermetallics	International Journal of Thermodynamics 41(4), 2020, 1-13	1.608

<b>12.</b>	D. K. Pandey and <b>C.P. Yadav</b>	2020	Ultrasonic study of GdCu under effect of temperature and pressure	Phase Transitions 93(3), 2020, 338-349.	1.42
<b>13.</b>	J. Bala, V. Bhalla, D. Singh, D. K. Pandey and <b>C. P. Yadav</b>	2020	Elastic and Ultrasonic Properties of Cadmium Oxide	Journal of Pure and Applied Ultrasonics 42, 2020, 78-80.	---
<b>14.</b>	<b>C.P. Yadav</b> , D. K. Pandey and D. Singh	2019	Elastic and ultrasonic study of RM ( R= Tb, Dy, Ho, Er, Tm; M=Zn, Cu) Compounds	Zeitschrift für Naturforschung A- A Journal of Physical Sciences, (74), 2019, 1123-1130	1.426
<b>15.</b>	A. Khan, <b>C. P. Yadav</b> , D. K. Pandey, D. Singh, and D. Singh	2019	Elastic and thermo-acoustic study of YM intermetallics	Journal of Pure and Applied Ultrasonics 41, 2019, 1-9.	---
<b>16.</b>	<b>C. P. Yadav</b> and D. K. Pandey	2019	Pressure dependent ultrasonic characterization of nano-structured w-BN	Ultrasonics (Elsevier) 96, 2019, 181-184	3.065
<b>17.</b>	<b>C. P. Yadav</b> , D. K. Pandey and D. Singh	2019	Ultrasonic study of Laves Phase Compounds ScOs <sub>2</sub> and YO <sub>s2</sub>	Indian Journal of Physics (Springer), 93, 2019, 1147-1153.	1.407

18.	<b>C. P. Yadav</b> and D. K. Pandey	2019	Pressure and orientation dependent elastic and ultrasonic characterization of w-BN	Pramana- Journal of Physics (Springer), 2019, 92:5	2.219
19.	<b>C. P. Yadav</b> and D. K. Pandey	2017	Temperature dependent ultrasonic characterization of wurtzite boron nitride	Journal of Pure and Applied Ultrasonics, 39, 2017, 103-109	---

### **Papers Presented in Conferences and Abstract Published**

- Participated in “International Conference on Nanoscience and Nanotechnology (ICNN)-2017” held at Department of Applied Physics School for Physical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow during 22-24 September (2017).
- Participated and presented paper (Poster) in “National Seminar on Nano Science and Nano Biotechnology” held at Department of Physics, D A-V P.G. College, Kanpur during 25-26 February (2017).
- Participated and presented paper in “22<sup>ND</sup> International Conference of International Academy of Physical Sciences (CONIAPSXXII)” held at Faculty of Science, DR. R.M.L. Awadh University, Faizabad during 13-15 April (2018).
- Participated in “Short term Course/Workshop On 3D and 4D Microscopy in Material Science” conducted by the Department of Material Science and Engineering, IIT Kanpur during from Oct 1-6, (2018).
- Participated and presented paper (poster) in “National Symposium on Advanced Materials Science” held at Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur during 07 and 08 December (2018).
- Participated and presented paper in “National Seminar On Developments and Opportunities in Material Science” held at Department of Physics, D.B.S. College, Kanpur during 02 February (2019).
- Participated and presented paper in “International Conference on Ultrasonics and Materials Science for Advanced Technology (ICUMSAT-2019)” held at V.B.S. Purvanchal University Jaunpur during 16-18 November (2019).

### **Academic Identity:**

Vidwan- ID : <https://vidwan.inflibnet.ac.in/profile/227193>

Orcid- ID : <https://orcid.org/0000-0001-8318-1393>

Google Scholar ID: <https://scholar.google.co.in/citations?hl=en&user=a-nzjcwAAAAJ>

Research Gate ID: <https://www.researchgate.net/profile/Chandreshvar-Yadav-2>

Scopus- ID : 57204474928

### **Computer Acquaintance:**

- Operating System : MS DOS, Windows XP/Vista
- Professional Package : MS Word, MS Excel, MS Power Point, Origin
- Language : C,C++
- Internet & outlook Express

### **DECLARATION:**

I, hereby declare that all the information provided here is true as per my knowledge & I will be responsible for that if any of them find false.

**Place:** Pratapgarh

**Date:** 06/June/2022

**(Dr. Chandreshvar Prasad Yadav)**