



Dr. DINESH UTHRA

Assistant Professor-Physics
Department of Pure&Applied Physics
G.G.V. Central University, Bilaspur -Chhattisgarh-495009

Date of Birth-29.101971 at Bilaspur

Sex -Male

Nationality- Indian

Martial Status-Married ,one son

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Academic Qualification:

2002 Ph.D.(Physics) Guru Ghasidas University , Bilaspur (C.G.)

Title of Thesis : Preparation & Characterization of Some Doped Rare Earth Manganites (Colossal Magnetoresistance Materials) .

1997 Master of Science Physics(Material Science)

First Division Department of Pure & Applied Physics , Guru Ghasidas University, Bilaspur (C.G.)

1995 Bachelor of Science (B.Sc.)

Second Division,C.M.D. Post Graduate College, Guru Ghasidas University ,Bilaspur(CG.).

Honors, Awards &Memberships

- Awarded 'Gold Medal' in the year 1998 for securing First Rank in the University in the M.Sc. Physics(Material Science) Exam of Guru Ghasidas University, Bilaspur(C.G.) .
- Affiliate Member of Institute of Physics 76, Portland Place, London ,W1N 3DH,U.K. My membership no. is 1069191.

- Life time Member of Indian Physics Association(IPA), Bhabha Atomic Research Centre, Mumbai,(MEMNo.GEN/LM/11759).
- Member of Material Research Society of India(MRSI), Indian Institute of Science, Bangalore , (Membership no. AMB084).
- Worked as an Incharge Head of Physics Department Government Engineering College,Bilaspur- C.G. in the year of 2011to 2014 .
- Worked as a TEQUIP in charge for Physics Department of Government Engineering College Bilaspur(C.G.).
- Worked as Honorary City Coordinator for Bilaspur area by Science Olympiad Foundation, New Delhi held in December 2003.
- Worked as a Member of Anti Ragging Committee of Government Engineering College, Bilaspur (C.G.) in the session 2004-05,2005-06,2007-08,2008-9 ,2012-13,2014-15, 2015-16 .
- Worked as an Officer in charge of Document Verification Centre of Government Engineering College,Bilaspur (C.G.) in the year of 2010,2011.
- Worked as a Stock verification Officer of Mechanical Department , Civil Engineering Department ,T.P.O.and Garden of Government Engineering College, Bilaspur (C.G.)in the year of 2010,2011.
- Worked as an Assistant Exam Superintendent (Mid Term Exam) of Government Engineering College , Bilaspur(C.G.) in the session 2011-2012 ,2012-13.
- Worked as a SC/ST Coaching In charge of Government Engineering College, Bilaspur(C.G.)in the session 2011-12.
- Worked as a First year In charge of for preparing time table , Sessional work Government Engineering College, Bilaspur (C.G.) in the session 2011-12.
- Worked as an Officer in charge for organising 26th January,15th August, NSS activities of Government Engineering College, Bilaspur (C.G.) in the session 2010-11,2012-13.
- Worked as a Board member of Interview Committee for the Part Time Lecturer(Physics & Management)of Government Engineering College, Bilaspur(C.G.) in the year of 2010 to 2012.

- Worked as a President of Student Development Council of Government Engineering College, Bilaspur (C.G.) in the session 2012-13,2013-14.
- Worked as a Member of Admission Committee of B.E. first year of Government Engineering College, Bilaspur(C.G.) in the session 2012-13,2013-14.
- Worked as a Nodal Officer Member of RUSA of Government Engineering College , Bilaspur(C.G.) in the year of 2014.
- Worked as a Coordinator of Discipline Committee for Student election of Government Engineering College, Bilaspur (C.G.) in the year of 2015.
- Worked as a Team Member of N.B.A of Government Engineering College, Bilaspur (C.G.) in the year of 2015.
- Worked as a DFRC In charge of Account section of Government Engineering College, Bilaspur (C.G.) in the year of 2015.
- Worked as a Member of Post Metric Scholarship for SC/ST/OBC students of Government Engineering College , Bilaspur(C.G.) in the session 2014-15,2015-16.
- Valuer & Paper Setter of M.P. Bhoj (Open) University , Bhopal , Indira Gandhi National (Open) University , New Delhi , India, Guru Ghasidas University, Bilaspur(C.G.) , Chhattisgarh Swami Vivekanand Technical University, Bhilai (C.G.), Dr.C.V. Raman University, Kota, Bilaspur(C.G.).
- Conducted University exam (as an Observer) of Chhattisgarh Swami Vivekanand Technical University , Bhilai in Siddhi Vinayaka Institute of Pharmacy , Mangla , Bilaspur and J.K .Institute of Pharmacy , Gatora , Bilaspur(C.G.), Lakhmi Chand Institute of Technology , Bilaspur(C.G.) .
- Worked as an Expert of M.Phil.Exam of Physics Department , Dr. C.V. Raman University Kota , Bilaspur (C.G.) .

Other Qualification:

M. B.A.(Marketing Management)
M.P.Bhoj(Open)University , Bhopal (M.P.),First Division

Experience : Teaching -18 years , Research-04 years

- **Assistant Professor in Physics** -November 2019-till date
Department of Pure&Applied Physics, Guru Ghasidas
Vishwavidyalaya Central University, Bilaspur from 18th
November,2019 to till date.
- **Assistant Professor in Physics -Adhoc** Feb. 2017 -Nov. 2019
Department of Pure&Applied Physic, Guru Ghasidas
Vishwavidyalaya ,Central University, Bilaspur from
6thFebruary 2017 to 17th November ,2109.
- **Assistant Professor in Physics on three years Contract basis**
May 2004- January 2017
Government Engineering College, Bilaspur(C.G.)under the
Education (Technical) Deptt, Govt .of Chhattisgarh,
Mantralaya ,Raipur (C.G.) from 12th May ,2004 to 11th
May,2007, 18th June ,2007 to 17th June ,2010 ,28th June ,2010
to 27th June ,2013 , 19th July 2013 to 09th January 2017 .
- **Assistant Professor in Physics**, July 2003- May 2004
D.P.Vipra Post Graduate College, Bilaspur(C.G.) Directorate of
Higher Education, Chhattisgarh. under the College code 28 from
1st July,2003 to 11th May ,2004.
- **Assistant Professor in Physics on Contract basis** 2002-2003
Government N.C.Jain CollegeDalliRajhara Distt.Durg(C.G.),
Directorate of Higher Education, Chhattisgarh Raipur(C.g.)
from 10th February ,2003 to 30th April ,2003.
- **Lecturer (Guest),**2002-2003
Instituteof Technology,Guru Ghasidas
University,Bilaspur(C.G.)from 24th July,2002 to 30th
September ,2002 and 29th October ,2002 to 07th
December ,2002.
- **Visiting Lecturer** ,October 2002 to March 2002 Computer
Science Department , Guru Ghasidas University,Bilaspur
(C.G.)from 1st October ,2001 to 07th March ,2002.
- **Junior Research Fellow**, December 1998 to December 2001
Department of Pure & Applied Physics , Guru Ghasidas
University , Bilaspur (Chhattisgarh)under the supervision of
Late Prof. R.K. Singh Principal Investigator , All India Center
for Technical Education(AICTE) , New Delhi & Ex -Vice
Chancellor of Guru Ghasidas University, Bilaspur from 1st
December,1998 to 31st December ,2001.

Courses taught in UG &PG level:

UG level

- Applied Physics-I&II
- Engineering Physics
- Applied Physics-New
- Physics-I,II &III
- Mechanics
- Electricity &Magnetism

PG level

- Digital Electronics
- Signals &System
- Semiconductor Devices &Fabrication
- Sensor &Transducers
- Nuclear &Particle Physics
- Electrodynamics

Development of Academic Curriculum:

B.E. Vith Sem -Electrical ,Optical Fiber Communication for the
Chhattisgarh Swami Vivekanand Technical University ,
Bhilai .

Research Contributions:

Research guidance :M.Phil-07 M.Sc-06 B.Sc.-14

Research papers published International & National Journals :14

Workshop attended:09 **Short term courses attended** :12

Seminar/Conferences/ Symposium attended &presented :10

Project Undertaken - Completed -02 **Invited talk delivered** :03

Details of Abroad assignment:

- My research has also been appreciated by the Eminent Scientist Prof.S.B.Palmer, Deputy Vice-Chancellor ,University of Warwick,Coventry U.K.
- My Research paper on Magnetism was included in the poster programme of the International Conference in Current Research in Magnetism organized at Rutherford Appleton Laboratory ,Oxford,London in May 2001.

- Selected for participation in the International Symposium on the Jahn-Teller Effects, Novel Aspects in Orbital Physics and Vibronic Dynamics of Molecules and Crystals at the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy from 28th August 2006 to 31st August 2006.
- Selected for participation in XV Training Course in the Physics of Strongly Correlated Systems at Vietri sul Mare (Salerno), Italy from 4th October to 15th October 2010.

Reviewer of following Journals:

- Peer Reviewers of Advances in Materials, Science Publication Group, 1 Rockefeller Plaza, 10th and 11th Floors, New York, NY 10020 U.S.A.
- Editorial Board Member of South Asia Journal of Multidisciplinary Studies .

Seminars / Workshops/Conferences Organized:

- Organising Committee Member of National workshop on Nanotechnology in August 2005 of Chhattisgarh Swami Vivekanand Technical University, Bilai

Specific Training Obtained:

- MATLAB fundamentals , Simulink for System and Algorithm Modelling by MathWorks Training Services Prestige Technology Park II Marathahalli – Sarjapur Ring Road Bangalore – 560103, Karnataka from 24th May to 27th May ,2016.
- Focus on Peer Review , Nature Master classes , online course, Springer Nature on 25th December ,2017.

Areas of Research Interest

- Material Science
- Superconducting Materials
- Colossal Magnetoresistance Materials
- Experimental Condensed Matter Physics
- Laser & Fiber Optics