CURRICULAM-VITAE

DR. JITENDRA GAUR (M.Sc.-Gold Medalist)

Permanent Address	Present Address
S/O Lt. Sh. B.K.Gaur VPO-Keshopur Sathla Dist.-Bulandshahr, U.P.-245402 Em@il-jitendra_metro@yahoo.co.in Mobile No.-+91-8059900284	B-3, Vidyagram Campus, B.R.C.M.C.E.T., Bahal, Haryana-127028 Em@il – jitendra_metro@yahoo.co.in Mobile No. – +91-8059900247



Objective:

To achieve a challenging growth oriented position in the field of education; where my skills can be utilized for self and organizational growth.

Job Experience:

- Working as an Associate Professor (Physics), HOD (Applied Sciences & Humanities), Dean Academics, Admission Incharge & Chief Coordinator-Students' Activity Cell, **B.R.C.M. College of Engineering & Technology,** Bahal, Haryana since November 01'2018.
- Worked as an Assistant Professor (Physics), Coordinator-Students' Activity Cell and HOD (Applied Sciences & Humanities) in **B.R.C.M. College of Engineering & Technology,** Bahal, Haryana, from August 01'2011 to October 31'2018.
- Worked as a Lecturer in dept. of Physics, **Krishna Institute of Engg. & Technology (K.I.E.T.),** Ghaziabad from August 01' 2007 to July 2011.
- Worked as a Teaching Faculty in dept. of Physics, **Modi Group of Institutions**, Modinagar (Ghaziabad), U.P. from July 2005 to July 2007.

Academic Positions:

- **Head of Department** of Applied Sciences & Humanities, BRCM CET, Bahal, since 01.03.2015.
- **Admission Incharge** of BRCMCET.
- **Member to NAAC preparation team** of BRCMCET & **Coordinator of 7th Criterion of NAAC**.

- **Coordinator-Students' Activity Cell** in B.R.C.M. College of Engineering & Technology**,** Bahal, Haryana, since 2011.
- **Coordinator of time table and discipline committee** of B.Tech. I year.
- **Students' counselor** of B.Tech. I Year.
- **Member of organizing committee of International Conference** on Advances in Basic Sciences (ICABS-19), held during 07-09 Feb., 2019, at GDC Memorial College, Bhiwani (Haryana).
- **Member of organizing committee of national seminar** on "Recent Applications of Nanotechnology in Engineering" at B.R.C.M.C.E.T., Haryana, on Nov. 19'2011.
- **Member of organizing committee of National Conference** on "Recent Drifts, Breaks in Applied Sciences & Its Technology for Innovation Management (NCRDBAIM-2009)" at KIET, Ghaziabad during 07-09'08'09.
- **Coordinator of various extra-curricular activities** held in K.I.E.T.
- **Faculty Patron** of K.I.E.T. Eco-Club.
- **Faculty Patron** of BRCM Club of Nobels (BCON) & Chief Coordinator-Students' Activity Cell.
- **President of Staff Club** in B.R.C.M.C.E.T. since Feb. 2014.

Ph.D. Guidance:

- Ph.D. awarded to Ms. Kaushlya Sihag from J.J.T.U., Rajasthan.
- Ph.D. ongoing in the name of Ms. Rashmi from Om Sterling Global University, Haryana.

Papers Published:

- **"Computation of Thermodynamic Parameters for $Cu_{47}Ti_{34}Zr_{11}Ni_8$ Bulk Metallic Glass"** in American Institute of Physics (AIP) proceeding of International Conference on Advances in Basic Sciences (ICABS-19), Vol. 2142, 2019, Pg. 110032-1-110032-05.
- "Estimation of Thermodynamic Properties for Au- and Mg- Based Metallic Glasses" in Chemical Physics Letters (CPLETT by Elsevier), Vol. 685, 2017, Pg. 244-250 (Impact factor of 1.8).
- "Analysis of Thermodynamic Properties for Pd-Based Bulk Metallic Glasses" in Journal of Alloys & Compounds (JALCOM by Elsevier), Vol. 658, 2016, Pg. 465-469 (Impact Factor 2.999).
- **"Thermodynamical Properties of Zr-Based Bulk Metallic Glasses"** in Phase Transitions: A Multinational Journal (Taylor and Francis), Vol. 88, No. 11, 2015, Pg. 1137-1145 (Impact Factor 1.044).

- **"Analysis of Thermodynamical parameters for Au-Based Bulk Metallic Glasses"** in proc. of International Conference on Frontiers of Science & Technology, organized on 6-7 Jan., 2017 at K.I.E.T., Ghaziabad.
- **"Thermodynamical Study of Undercooled Metallic Melts"** in Proc. of International Conference on Science & Engineering of Materials (ICSEM-14) held at Sharda University, Greater Noida, in Jan-14.
- **"The Correlation Between Reduced Glass Transition Temperature and Glass Forming Ability of Undercooled Polymeric Glasses"** i**n** International Journal of Optoelectronic Engineering, Vol.2, No.5, Feb. 2012, p.26-29**.**
- **"Electrical Properties of Cadmium Telluride Screen-Printed Films for Photovoltaic Applications"** in Chalcogenide Letters, Vol.5, No.8, Aug 2008, p.171-176.
- **"Polycrystalline ZnS Thin films by Screen Printing Method & Its Characterization"** in Chalcogenide Letters, Vol.5, No.11, Nov 2008, p.289-295.
- **"Study of Structure, Composition & Optical Properties of $ZnS_{0.5}Se_{0.5}$ Films as a Function of Sintering Temperature"** in Journal of Optoelectronic and Biomedical Materials, Volume 1, Issue 1, March 2009, p. 52-58.
- **"Role of Smart Materials in Future Technology"** in Proc. of National conference on Recent Drifts, Breaks in Applied Sciences & its Technology for Innovation Management (NCRDBAIM-2009), KIET, Ghaziabad, August 7-9, 2009.
- **"Preparation and Characterization of Nano Crystalline SnTe Films"** in Proc. of National conference on Recent Drifts, Breaks in Applied Sciences & its Technology for Innovation Management (NCRDBAIM-2009), KIET, Ghaziabad, August 7-9, 2009.

Papers presented in conferences / Seminars:

- **"Estimation of Thermodynamical Parameters for Ti36.89Cu43.87Ni9.36Zr9.88 and Zr46(Cu4.5/5.5Ag1.5/0.5)46Al8 Bulk Metallic Glasses"** in 3rd International Conference on Frontiers of Science & Technology, organized during 13-14 August, 2021 at K.I.E.T., Ghaziabad (Uttar Pradesh).
- **"Thermodynamical Parameters of Bulk Metallic Glasses"** in XXV International Conference of International Academy of Physical Sciences (CONIAPS-XXV) on Physical & Biological Sciences at Cross-roads: Explorations & Exciting Challenges, held during 29-31 Dec., 2019, at Guru Jambheshwar University of Science & Technology, Hisar (Haryana).

- **"Computation of Thermodynamic Parameters for $Cu_{47}Ti_{34}Zr_{11}Ni_8$ Bulk Metallic Glass"** in an International Conference on Advances in Basic Sciences (ICABS-19), held during 07-09 Feb., 2019, at GDC Memorial College, Bhiwani (Haryana).
- **"Analysis of Thermodynamical parameters for Au-Based Bulk Metallic Glasses"** in an International Conference on Frontiers of Science & Technology, organized during 6-7 Jan., 2017 at K.I.E.T., Ghaziabad (Uttar Pradesh).
- **"Thermodynamical Study of Undercooled Metallic Melts"** in an International Conference on Science & Engineering of Materials (ICSEM-14) at Sharda University, Greater Noida, Jan. 6-8, 2014.
- "**Role of Smart Materials in Future Technology**" in National Conference on Recent Drifts, Breaks in Applied Sciences & its Technology for Innovation Management (NCRDBAIM-2009), KIET, Ghaziabad, August 7-9, 2009.
- **"Preparation & Characterization of Nano Crystalline SnTe Films"** in National Conference on Recent Drifts, Breaks in Applied Sciences & its Technology for Innovation Management (NCRDBAIM-2009), KIET, Ghaziabad, August 7-9, 2009.
- **"Electrical Properties of CdTe Sintered Films for Photovoltaic Applications**" in NCETPEGU-2008 held at IIT, Kanpur during March 27-29, 2008.
- **"Study of Structure, Composition & Optical Properties of $ZnS_{0.5}Se_{0.5}$ Films as a Function of Sintering Temperature"** at IIT, Bombay during March 27-29, 2008.

Papers Reviewed:

- **"Er3+, Yb3+-doped oxyfluorotellurite glasses-impact of temperature on spectroscopic properties and optical sensor qualities"** for Journal of Non-Crystalline Solids (Elsevier) in 2020.
- **"Structural, Physical, Elastic and Optical Properties of Zinc Tellurite Glass doped with Erbium Oxide"** for Journal of Non-Crystalline Solids (Elsevier) in 2018.

Courses/Programmes Attended:

- One day webinar on "The Power of Technology in Your Hands" organized by BRCM College of Engineering & Technology, Bahal, on 28th of June, 2020.
- A 5-days online FDP "NRO CRO Incorporating Universal Human Values in Education (An AICTE Initiative)" organized by AICTE during 21-25 June, 2020

- One day national webinar on "COVID-19 Pandemic: Historical & Socio-Economic Impact" organized by GDC Memorial College, Bahal on 10th June, 2020.
- One day webinar on "Engineering Prospects after COVID-19" organized by ME department of BRCM College of Engineering & Technology, Haryana on 11th June, 2020.
- One day webinar on "Attitude for Success Learning from Dr. APJ Abdul Kalam's Life" organized by BRCM College of Engineering & Technology, Haryana on 13th June, 2020.
- Two days online technical workshop on "Arduino for Beginners" organized by EE department of BRCM College of Engineering & Technology, Haryana on 15th -16th June, 2020.
- One day webinar on "Impact of COVID-19 on IT sector" organized by CSE department of BRCMCET on 17th June, 2020.
- One day national webinar on "Impact of COVID-19 on School & Higher Education" held on 24th May, 2020.
- One week short term training program through ICT mode on **"Effective Teaching"** organized at BRCM College of Engineering & Technology, Haryana by N.I.T.T.T.R., Kolkata during July 15' 2019 – July 19' 2019.
- Short term training program through ICT mode on **"Assessment and Evaluation under Outcome Based Education"** organized at BRCM College of Engineering & Technology, Haryana by N.I.T.T.T.R., Kolkata during June 10' 2019 – June 14' 2019.
- Two weeks short term training program through ICT mode on **"Problem Based Learning"** organized at BRCM College of Engineering & Technology, Haryana by N.I.T.T.T.R., Kolkata during May 20' 2019 – May 31' 2019.
- One week short term training program through ICT mode on **"NBA Accreditation"** organized at BRCM College of Engineering & Technology, Haryana by N.I.T.T.T.R., Kolkata during April 22' 2019 – April 26' 2019.
- Short term course on **"Optical Fiber Communication Technology"** at NITTTR, Chandigarh during July 17-21' 2017.
- Two week ISTE STTP on **"Electrical Power Systems"** conducted by IIT, Khargpur at BRCM CET, Bahal during June 12' 2017 – July 8' 2017 & July 10' 2017 – July 15' 2017.
- Short term course on **"Relevance of Nanotechnology to the Rechargeable Battery Technology"** at IIT, Roorkee during 18-22 July 2016.
- Two week ISTE STTP on **"CMOS, Mixed Signal & Radio Frequency VLSI Design"** conducted by IIT, Khargpur at BRCM CET, Bahal during Dec. 26' 2016 – Feb. 4' 2017 & Jan. 30' 2017 – Feb. 4' 2017.

- National workshop on **"Developments in Energy Resources & Conservation"** at BRCM College of Engineering & Technology, Bahal during March 2-3' 2015.
- Short term course on **"Laser Technology"** at N.I.T.T.T.R., Chandigarh, during January 16-20' 2012.
- Short term course on **"Smart Nanoceramics & Nanoscience Research Tools"** at at I.I.T. Roorkee, during July 13-17' 2011.
- National seminar on **"Recent Applications of Nanotechnology in Engineering"** at BRCM College of Engineering & Technology, Bahal on November 19' 2011.
- Short term programme on **"Physics Laboratory Organization & Updating"** at N.I.T.T.T.R, Chandigarh, during July 19-23' 2010.
- Short term course on **"Orientation Programme for Technical Teachers"** at N.I.T., Hamirpur (H.P.) during June 28-July 02' 2010.
- Short term course on **"Nanoscience & Nanotechnology"** at I.I.T. Roorkee, during July 13-17' 2009.
- One day workshop on **"Fundamentals & Applications of Optics"** at Jaypee Institute of Information Technology University, Noida (U.P.) on September 20' 2008.
- Two weeks summer school on **"Design Techniques for VLSI & Nanotechnology"** at N.I.T., Hamirpur (H.P.) during July 12-21' 2008.
- Short term course on **"Nanotechnology: Opportunity & Challenges"** at N.I.T.T.T.R., Chandigarh, (Punjab) during April 21-25' 2008.
- Workshop on **"Relevance of Intellectual Property Rights in and Emerging Developing Society (with special reference to India)"** at Ginni Modi (P.G.) College, Modinagar, on September 10' 2005.

Presentations Given:

- **Fiber Optics** at B.R.C.M. College of Engg. & Technology, Haryana.
- **Nanotechnology** at B.R.C.M. College of Engg. & Technology, Haryana.
- **Nanoscience and Nanotechnology** at I.I.T., Roorkee.
- **Nanotechnology** at K.I.E.T.
- **Fiber Optics & Holography** at K.I.E.T.

Books Published/Under Publication:

- **Mechanics (Engineering Physics for Civil Engineering)** as per latest syllabus of AICTE.
- **Semiconductor Physics (Engineering Physics for CS Engineering)** as per latest syllabus of AICTE.

Professional Qualifications:

- Web designing knowledge in computer.
- Transaction analysis under Mr. Surya Prakash, Coimbatore.

Achievements:

- Students' feedback of **9+** in 10 point scale in all previous semesters.
- Received **Gold medal for being topper in M.Sc**.
- Achieved **Gold medals, prizes & certificates in debates, quizzes, essays, drawings, sports and extracurricular activities**.
- **N.C.C. "C" certificate** & under officer in N.C.C. for 2 years.
- **N.S.S. two camps & 240 hours certificate**; senior for 1 year.

Educational Qualifications:

- Awarded Ph.D. in **PHYSICAL SCIENCES** from Dr. A.P.J. Abdul Kalam Technical University (Formally Uttar Pradesh Technical University), Lucknow (U.P.) in September, 2018.
- Passed B.Ed. with I-Division (79.2%) in 2020 from S.J.K. College of Education, Kalanaur, Rohtak, Haryana.
- Passed M.Sc. in Physics (Electronics) as **GOLD MEDALIST** (72.0%) in 2005 from M. M. (P.G.) College, Modinagar, Ghaziabad, U.P.
- Passed B.Sc. (P.C.M.) with I-Division (66.7%) in 2003 from M.M.(P.G.) College, Modinagar, Ghaziabad, U.P.
- Passed XII (P.C.M.) with I-Division (71.8%) in 2000 from Dayawati Modi Academy-I (C.B.S.E.), Meerut, U.P.
- Passed X with I-Division (73.8%) in 1998 from L. N. Public School (C.B.S.E.), Hapur, U.P.

Personal Profile:

Date Of Birth	11/12/1982
Father's Name	Lt. Sh. B. K. Gaur
Mother's Name	Smt. Mamta Gaur
Marital status	Married
Nationality	Indian
Languages Known	English & Hindi

Interests:

- Reading scientific discoveries & articles.
- Writing poems.
- Playing Football & Volleyball.

Key Skills:

- Hard working, leadership, adaptability, self motivation, time management, ability to work under pressure, ready to accept challenges.

Declaration:

The above statements are true to the best of my knowledge and belief.

(DR. JITENDRA GAUR)