

CURRICULUM VITAE

DR. ATUL PANDEY



ACADEMIC QUALIFICATIONS :

EXAM/DEGREE	YEAR	DIVISION	BOARD/ UNIVERSITY	SUBJECTS
B.Sc.	1997	I	V.B.S. PURVANCHAL UNIVERSITY, JAUNPUR, U.P., INDIA	PHYSICS, CHEMISTRY & MATHEMATICS
M.Sc.	1999	I	V.B.S. PURVANCHAL UNIVERSITY, JAUNPUR, U.P., INDIA	PHYSICS
Ph.D.	(AWARDED IN 2003)		V. B. S. PURVANCHAL UNIVERSITY, JAUNPUR, U.P., INDIA	PHYSICS
MBA (THROUGH DISTANCE MODE)	2011	II	ALAGAPPA UNIVERSITY, KARAIKUDI, TAMILNADU, INDIA	EDUCATION MANAGEMENT

TEACHING EXPERIENCE (POST Ph. D.):

- PESENTLY WORKING AS FACULTY (ON CONTRACT) IN INDIAN INSTITUTE OF CARPET TECHNOLOGY, BHADOHI, SINCE 1ST OCTOBER 2025.
- WORKED AS GUEST FACULTY IN INDIAN INSTITUTE OF CARPET TECHNOLOGY, BHADOHI (FOR 08 MONTHS IN 2023-24 & FOR 01 SEMESTER IN 2024-25).
- WORKED AS ASSOCIATE PROFESSOR IN THE DEPARTMENT OF APPLIED SCIENCE, CHANDIGARH UNIVERSITY, GHARUAN, MOHALI, FROM 21ST JULY 2015 TO 12TH AUGUST, 2016.
- WORKED AS ASSOCIATE PROFESSOR IN THE DEPARTMENT OF APPLIED SCIENCES, FACULTY OF ENGINEERING & TECHNOLOGY, SHOOLINI UNIVERSITY, BAJHOL, SOLAN, HIMACHAL PRADESH, FROM 8TH MAY 2012 TO 8TH JULY 2015.
- WORKED AS ASSTT. PROFESSOR IN THE DEPARTMENT OF APPLIED SCIENCE , D.A.V. COLLEGE OF ENGINEERING & TECHNOLOGY (DAVCET), KANINA, MOHINDERGARH, HARYANA, FROM 11TH AUGUST 2009 TO 16TH NOVEMBER 2011.
- WORKED AS LECTURER & ASSTT. PROFESSOR IN THE DEPARTMENT OF APPLIED SCIENCE, INDO GLOBAL COLLEGE OF ENGINEERING, S.A.S. NAGAR, MOHALI, PUNJAB, FROM 1ST DECEMBER 2003 TO 10TH AUGUST 2009.

ADDITIONAL ADMINISTRATIVE RESPONSIBILITIES UNDERTAKEN:

- ❖ WORKED AS HEAD (DEPTT. OF APPLIED SCIENCES) AT INDO GLOBAL COLLEGE OF ENGINEERING, S.A.S. NAGAR, MOHALI (PUNJAB).
- ❖ WORKED AS OFFICIATING PRINCIPAL AT D.A.V. COLLEGE OF ENGINEERING & TECHNOLOGY (DAVCET), KANINA, MOHINDERGARH, HARYANA. (FROM OCT. 2010 TO FEB. 2011).
- ❖ WORKED AS DEAN ACADEMICS, AT D.A.V. COLLEGE OF ENGINEERING & TECHNOLOGY (DAVCET), KANINA, MOHINDERGARH, HARYANA.

- ❖ WORKED AS CO-ORDINATOR , PERSONALITY DEVELOPMENT PROGRAMME, AT D.A.V. COLLEGE OF ENGINEERING & TECHNOLOGY (DAVCET), KANINA, MOHINDERGARH, HARYANA.
- ❖ WORKED AS CO-ORDINATOR (ADMISSION SUB COMMITTEE, SESSION 2010-11), AT D.A.V. COLLEGE OF ENGINEERING & TECHNOLOGY (DAVCET), KANINA, MOHINDERGARH, HARYANA.
- ❖ WORKED AS HEAD (DEPTT. OF APPLIED SCIENCES) IN THE FACULTY OF ENGINEERING & TECHNOLOGY, SHOOLINI UNIVERSITY, BAJHOL, SOLAN, HIMACHAL PRADESH.
- ❖ HAD BEEN MEMBER OF BOARD OF MANAGEMENT, SHOOLINI UNIVERSITY, BAJHOL, SOLAN, HIMACHAL PRADESH.
- ❖ WORKED AS EXAM SUPERITENDENT (MAY 2013 EXAMS), SCHOOL OF ENGINEERING & TECHNOLOGY, SHOOLINI UNIVERSITY, BAJHOL, SOLAN, HIMACHAL PRADESH.
- ❖ WORKED AS EXAM SUPERITENDENT (MAY 2015 EXAMS), SCHOOL OF ENGINEERING & TECHNOLOGY, SHOOLINI UNIVERSITY, BAJHOL, SOLAN, HIMACHAL PRADESH.
- ❖ WORKED AS ACADEMIC CO-ORDINATOR IN DEPARTMENT OF APPLIED SCIENCE (PHYSICS GROUP), CHANDIGARH UNIVERSITY, GHARUAN, MOHALI, PUNJAB (JAN. 2016 TO JULY 2016).

FACULTY DEVELOPMENT PROGRAMME/ WORKSHOP ATTENDED:

- ❖ FIVE DAYS MHRD/AICTE SPONSORED WINTER SCHOOL CONDUCTED BY NITTTR, CHANDIGARH (FROM 19/01/2009 TO 23/1/2009) AT IGCE, MOHALI, PUNJAB.
- ❖ ONE DAY WORKSHOP ON “THE EMERGING TRENDS IN MECH. ENGG.(ETIME-2011)” ON 4TH FEBRUARY 2011, AT DAVCET, KANINA, MOHINDERGARH (HARYANA).
- ❖ TWO DAYS WORKSHOP ON “ANTENNA MATERIALS” AT JUIT, WAKNAGHAT, HIMACHAL PRADESH (ON 14TH -15TH DECEMBER 2012).
- ❖ WORKSHOP ON “AaKASH” CONDUCTED BY IIT BOMBAY ON 10TH – 11TH NOVEMBER, 2012. (AT SHOOLINI UNIVERSITY, SOLAN).
- ❖ WORKSHOP ON “INSPIRATIONAL LEADERSHIP” HELD ON MARCH 13TH, 2014 (AT SHOOLINI UNIVERSITY, SOLAN).
- ❖ FACULTY DEVELOPMENT PROGRAMME ON HIGH IMPACT TEACHING SKILLS “EFFECTIVE TEACHING – METHODOLOGY & PEDAGOGY”, ON 20TH SEPT., 2014, (SHOOLINI UNIVERSITY, SOLAN).
- ❖ 15 DAYS FACULTY DEVELOPMENT PROGRAM ON “EXCELLENCE IN TEACHING & RESEARCH” (1ST -15TH JULY, 2016) AT CHANDIGARH UNIVERSITY, GHARUAN, MOHALI.
- ❖ THREE DAYS FACE-TO-FACE FACULTY DEVELOPMENT PROGRAM OM THE THEME “INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION” ORGANEZED BY AICTE AT IICT, BHADOHI (8TH FEB TO 10TH FEB 2024).

SEMINAR / CONFERENCE ORGANIZED:

- ❖ MEMBER OF ORGANIZING COMMITTEE (AS *DEPUTY SECRETARY*) IN THE NATIONAL CONFERENCE ON ANIMATION PERSPECTIVES (3RD FEBRUARY 2009) AT IGCE, MOHALI.
- ❖ AS CO-ORDINATOR, ORGANIZED 1ST ANNUAL NATIONAL CONFERENCE ON “SCIENCE: EMERGING SCENARIO & FUTURE CHALLENGES”, (SPOSNSORED BY BRNS, DRDO, ISRO & SJVN), 08-10 MARCH 2013, SHOOLINI UNIVERSITY, BAJHOL, SOLAN.
- ❖ MEMBER OF ORGANIZING COMMITTEE IN “NATIONAL CONFERENCE ON ADVANCED MATERIAL PROCESSING & CHARACTERIZATION (NCAMPC-2016)” (27TH MAY 2016) AT CHANDIGARH UNIVERSITY, GHARUAN, MOHALI.

LIFE MEMBERSHIP OF PROFESSIONAL BODIES:

- INDIAN PHYSICS ASSOCIATION (IPA), NEW DELHI.
- INDIAN SOCIETY OF TECHNICAL EDUCATION (ISTE), NEW DELHI.
- HIM SCIENCE CONGRESS ASSOCIATION (HSCA), HIMACHAL PRADESH.

LIST OF PUBLICATIONS

(IN INTERNATIONAL / NATIONAL JOURNALS & CONFERENCE/SEMINAR PROCEEDINGS):

1. “Dynamics of RbF and RbCl” K.S.Upadhyaya, A.N. Pandey, Atul Pandey and R.C. Dubey; Latvian Journal of Physics and Technical Sciences, N-6, pp. 12-22 (2004).
2. “Lattice vibrational properties of Transition Metal Carbides (TiC, ZrC and HfC)” K.S.Upadhyaya, Ajay Kumar Singh, Atul Pandey, S.N. Pathak and A.K.Singh; Pramana- Journal of Physics, Vol. 64, No. 2, pp. 299-304 (2005).
3. “A study of the phonon properties of uranium monochalcogenides: US as an example” K.S.Upadhyaya, Atul Pandey and D. M. Srivastava ; Chinese Journal of Physics. Vol. 44, No. 2, pp. 127-136 (2006).
4. “Effect of van der Waals interactions in the phonon dynamics of USe” Atul Pandey and K.S.Upadhyaya ; Lithuanian Journal of Physics, Vol. 46, No. 3, pp. 355-359 (2006).
5. “vander Waals three body force shell model mechanics of UTe” Atul Pandey , Amar Nath Pandey and K.S.Upadhyaya; Romanian Journal of Physics; Vol.51, No. 3-4, pp. 391-400 (2006).
6. “Phonon dispersion relations in ND_4F ” Atul Pandey, S.N.Pathak, D. M. Srivastava and K.S.Upadhyaya; Indian Journal of Theoretical Physics; Vol. 54, No. 4, pp. 301-307 (2006).
7. “Optimization of Hexagonal Boron-doped Silicate Photonic Crystal Fiber to obtain near Zero flattened Dispersion for Nonlinear Waves by Finite Difference Method” Subhashish Tiwari, Ajay Kumar Vyas, Atul Pandey , Rajesh Kumar, Praveen Chandra Pandey, Achyutesh Dixit, Optical and Quantum Electronics (2022).
8. “Exploring Specialty Optical Fiber for Astrophotonics Applications” Ajay Sudhir Bale, Vinay N., Subhashish Tiwari, Achyutesh Dixit, Ajay Kumar Vyas, Atul Pandey, Yogesh Dixit, Results in Optics (Elsevier), Volume 11, May 2023.
9. “On the dynamical behaviour of IV-VI ionic semiconductors” K.S.Upadhyaya, A. Pandey, G.K.Upadhyaya and M.Yadav ; International Conference on Phonons in Condensed Materials (Phonons 2K3), Deptt. of Physics, Barkatullah University, Bhopal (20-30 Jan., 2003)
10. “On the study of lattice dynamics of uranium carbide and uranium pnictides” , A.K.Singh, Atul Pandey and K.S.Upadhyaya ; Journal of Purvanchal Academy of Sciences (PAS), Vol.-10, pp. 168-176 (2004).
11. “Effect of many - body interactions in the lattice dynamics of uranium chalcogenides” Atul Pandey, A. K. Singh, M. K. Tewari and K.S.Upadhyaya ; Journal of Purvanchal Academy of Sciences, Vol.- 10, pp. 147-153 (2004).
12. “Vibrational dynamics of some lithium salts” M. K. Tewari, Atul Pandey, U. C. Srivastava and K.S.Upadhyaya ; Journal of Purvanchal Academy of Sciences (PAS), Vol.-10, pp. 137-140 (2004).
13. “Unified Study of Lattice dynamics of Silver halides” S.N.Pathak, Atul Pandey, S. P. Singh and K.S.Upadhyaya; Journal of Purvanchal Academy of Sciences (PAS), Vol.-10, pp. 141-146 (2004).
14. “On the lattice vibrational study of Rubidium Halides”, Atul Pandey , R.C. Dubey, A.N. Pandey and K.S.Upadhyaya; Journal of Purvanchal Academy of Science (PAS), Vol.-11, pp. 101-106 (2005).
15. “Anharmonic properties of some Uranium Compounds in NaCl phase”, Atul Pandey, D. M. Srivastava, G.K.Upadhyaya, A.N. Pandey and K.S.Upadhyaya; Journal of Purvanchal Academy of Sciences (PAS), Vol.-11, pp.125-130 (2005).
16. “On the Study of Phonon dynamics of SnTe” Atul Pandey, M. Yadav, A. N. Pandey and K. S. Upadhyaya; Journal of Purvanchal Academy of Sciences (PAS), Vol.-11, pp.31-34 (2005).
17. “Women empowerment Vs Gender imparity: with special reference to Engineering Education” Atul Pandey and D. Joy Chakraverty, 36th ISTE Annual Convention & National Seminar at Bannari Amman Institute of Technology, Sathyamangalam,

- Tamilnadu, (14-16 December 2006).
18. *Development of Rural Market by Vocational Education/Training*, **Atul Pandey**, A. Sharda, and D. Joy Chakraverty, National Seminar on Rural India – A Strategic Pathway to Competitive Advantage at N. C. College of Engg., Israna, Panipat, Haryana, on 24th March, 2007.
 19. *“Direct Hydrogen Powered Fuel cell vehicle: perspectives and advantages”* A. Sharda, D. Joy Chakraverty and **Atul Pandey**, National conference on recent trends in Mechanical Engineering at Chitkara Institute of Engg. & Tech., Rajpura, Patiala, pp. 2-11 (Jan 2007).
 20. *“Positive Classroom Approaches For Children with learning Disabilities”* Atul Pandey & Jagmit Kaur, Seminar at IGCEd., Abhipur, Mohali, Punjab, On 13th March 2009 (Sponsored by ICSSR N.W. Regional Center, Chandigarh).
 21. *“Design of All Optical Logic Gate for High Performance Computing”* Divya Sharma, R.P. Dwivedi, Santosh Kumar, Ashish Bisht and **Atul Pandey**; National Conference on Advanced Material Processing & Characterization (NCAMPC-2016) held at Chandigarh University, Gharuan, Mohali, pp. 1-2 (27th May 2016).
 22. *“An Ultra compact optical switch using Phase transition phenomenon in VO₂”* Tanvi Vaidya, R.P. Dwivedi and **Atul Pandey**; National Conference on Advanced Material Processing & Characterization (NCAMPC-2016) held at Chandigarh University, Gharuan, Mohali, pp. 70-74 (27th May 2016).

PERSONAL DETAILS

DATE OF BIRTH	03-08-1977
CONTACT NUMBER	9454320487
E.MAIL	ap.physics77@gmail.com
MOTHER’S NAME	LATE (SMT.) SHAKUNTALA PANDEY
FATHER’S NAME	DR. A. N. PANDEY
PERMANENT ADDRESS	C/O DR. A. N. PANDEY, BEHIND POLICE STATION, GYANPUR DISTT.- BHADOHI, U.P., 221304
