**Dr. NEERAJ BHARDWAJ**

**Associate Professor**

**College of Computer and Information Sciences**

**Educations:**

PhD. Indian Institute of Technology Roorkee (IITR), 2005

M.Phil. Indian Institute of Technology IITR (erstwhile University of Roorkee), 1996

M.Sc. CCS University Meerut, 1995

B.Sc. CCS University Meerut, 1992

**Academic Experience:**

Academic Appointment: Majmaah University

August 2015- Associate Professor College of Computer and Information Sciences

Academic Appointment: Pioneer Institute,Ghaziabad, India.

July 2013-June 2014 Associate Professor Visiting: Department of Mathematics

Academic Appointment: University Sains Malaysia

April 2010 to April 2013 Senior Lecturer School of Civil Engineering

(Senior Grade)

Academic Appointment: ITM College, Gurgaon

July 2008 to March 2010 Assistant Professor Department of Applied Sciences (Senior Grade)

March 2006 – July 2008 Senior Lecturer Department of Applied Sciences

Academic Appointment: IEC College, Greater Noida

June 2005 to March 2006 Lecturer Department of Applied Sciences

Academic Appointment: IIT Roorkee, India

July 1999 to 2005 Teaching Assistant Department of Mathematics

Academic Appointment: Lecturer MIET Engineering College, Meerut

June 2003 to Dec. 2003

Academic Appointment: D. N. Degree College Meerut

Oct. 1996 to March 1999 Tutor Department of Mathematics

**Non-Academic Experience:**

Consultant: Senior Company Advisor Status Water Level Controller, Delhi, India

**Current Membership in Professional Organizations:**

Life Member of The Indian Society for Technical Education

**Honors and Awards**

Research Publication Award: Shock and Vibration Journal Paper 2008

Research Publication Award:*MECCANICA Journal Paper*, 2007

Research Publication Award: *Journal of Applied Mathematical Modelling, 2005.*

Gold Medal Award: In M.Phil. from IITR,(erstwhile University of Roorkee)1996

**Service Activities (within and outside of the institution):**

1. **Member of Editorial Board of Journals and Conferences:**
2. International Journal of Mechanics Systems Engineering (IJMSE) ISSN: 2225-7403 (print) ISSN: 2226-6461(Online)
3. Journal of Researches and Applications in Mechanical Engineering (New Journal)
4. Journal of Electrical and Control Engineering*(JECE)* ISSN: 2226-2881 (Print), ISSN: 2226-289X (Online)
5. International Advisory Committee Member of IEEE Conference ICRDPET 2013: to be held in Nagapattinam, INDIA
6. Member of Technical Program Committee of International Conference on Materials and Mechanical Science (ICMMS2013)
7. Member of Technical Program Committee International Conference on Materials and Mechanical Science (ICMMS2014)
8. Member of Technical Program Committee of the International Conference on Mechanical Engineering and Design(MED 2014)
9. Member of Technical Program Committee of 3rd International Conference on Civil Engineering and Urban Planning-2014
10. **Conference Editor:**

Worked as one of the editors for the National Conference on "Contribution of Mathematics in Technological Development, " held on March 28, 2006 at the Institute of Technology and Management (ITM), Sector 23- A HUDA, Gurgoan, Haryana (India).

1. **Reviewer for Journals and Conferences:**
2. Journal of Sound and Vibration
3. Advances in Acoustics and Vibration
4. Mathematical and Computer Modelling
5. Journal of Civil Engineering and Construction Technology
6. International Journal of Mechanics Systems Engineering (IJMSE)
7. International Conference of Civil Engineering(AICCE’12), Malaysia
8. Technical Committee of International Conference on Materials and Mechanical Science (ICMMS2013)
9. Technical Committee of International Conference on Materials and Mechanical Science (ICMMS2014)
10. The 3rd International Conference on Civil Engineering and Urban Planning-2014
11. The 2nd International Conference on Civil Engineering and Urban Planning-2013
12. The International Conference on Mechanical Engineering and Design(MED 2014)

**Most Important Publications and Presentations (Past 5 years):**

**Journal Papers:**

1. G. Swapna, Lokendra Kumar and **Neeraj Bhardwaj**, “Study of effects of radiation and magnetic field on the mixed convection micropolar fluid flow towards a stagnation point on a

heated vertical permeable plate using finite element method,” *International Journal of*

*Mechanic Systems Engineering*(IJMSE), accepted for Publication from USA, Vol. 5(1),

pp.1-13,February 2015.

1. Ng Wai Kuen, Rohamezan Rohim, Choong Kok Keong and **Neeraj Bhardwaj**, “A Study On Structural Behaviour Of Origami Inspired Shell Structures With Curved Folds,” *Journal of the International Association for Shell and Spatial Structures*, Vol. 55(1),pp. 19-30, March n. 179, 2014.
2. **Bhardwaj, N.,** Gupta, A.P. , Choong, K.K., Wang, C.M. and H. Ohmori, “Transverse vibration of clamped and simply-supported circular plates with two dimensional thickness variation,” *Shock and Vibration*, Vol 19(3), pp. 273-285,june 06, 2012. Published fromU.K. **Impact Factor (0.535)**.
3. Shahiron Shahidan**,** Norazura Muhamad Bunnori, **Neeraj Bhardwaj**, Noorsuhada Md Nor, Siti Ramziah Basri, and Sakhiah Abdul Kudus, “Intensity Analysis Method for Measurement the Damage Severity of Concrete Structure by Utilizing the Acoustic Emission Technique,” *International Journal of Applied Physics and Mathematics,* Vol. 2, No. 1, pp.1-4, 2012.

**Conferences:**

1. **N. Bhardwaj**, Pritee Sharma, A. P. Gupta and K. K. Choong “Vibration of Rectangular Orthotropic Quarter Elliptic Plates with Clamped Curved Boundary Resting on Winkler Elastic Foundation,” accepted for the conference of 2013 Asian Conference on Civil, Material and Environmental Sciences (ACCMES), Tokyo, JAPAN, 15-17 March 2013.

2. **N. Bhardwaj**, Pritee Sharma, A. P. Gupta and K. K. Choong, “ Asymmetric Vibration of Polar Orthotropic Annular Plates of Quadratically Varying Thickness when One Periphery if Free,” in AWAM International Conference on Civil Engineering ‘12(AICCE’12), 28-30 August,2012, Peang, Malaysia.

3. Wai Keun Ng, Kok Keong Choong and **Neeraj Bhardwaj**, “ Origami with Curved Folded Line,” in IASS-APCS proceeding from Spatial Structures to Space Structures, May 21st to 24th, 2012, Seoul, Korea, FF220-386.

4. Prasetijo, J., **Bhardwaj, N.,** Hossein Pour, M. and A.S. Yahaya, “Capacity of Unsignalized Intersections defined by Speed and Flow of Conflict Streams,” International Conference on Traffic and Logistic Engineering(ICTLE), held at Chennai-India, pp. 20-25, 978-1-4244-9955-7/11, 2011 IEEE.