

Sunil K. Sharma
Assistant Professor

Education:

Ph.D. Mathematics, Gautam Buddh Technical University, India 2012

M.Sc. Mathematics, CSJM University Kanpur, India 2001

B.Sc. Mathematics, CSJM University Kanpur, India 1998

Academic Experience:

Academic Appointments – Majmaah University

2013 - Assistant Professor Mathematics

Academic Appointments – Uttar Pradesh Technical University, INDIA

2013-13 Associate Professor Mathematics

2012-13 Assistant Professor Mathematics

2009-12 Lecturer (Selection Grade) Mathematics

2008-09 Sr. Lecturer Mathematics

2006-08 Lecturer Mathematics

Academic Appointments – Harcourt Butler Technological Institute, INDIA

2005-06 CSIR -Fellowship Mathematics

2001-05 Research Assistant Mathematics

Administrative Appointment – Uttar Pradesh Technical University, INDIA

2008 -10 Centre Controller of Examination U P Technical University, INDIA

2007-13 Faculty In-charge Boys' Hostel, KIT, INDIA

2008-13 Head Anti-ragging Committee Anti-ragging, KIT India

2012-13 Coordinator- Admission Cell Admission, KIT India

2014 – Member of Time Table Committee CCIS, Majmaah University

2015 – Member of Examination Cell CCIS, Majmmah University

2016-- Member of Statistics Unit CCIS, Majmmah University

2017-- Member of Quality and Accreditation Unit CCIS, Majmaah University

Current Membership in Professional Organizations:

Member of American Mathematical Society (AMS) : SHSNKD-0

Member IEEE: Membership No. 93327017

Honors and Awards:

Majmaah University Awarded “Outstanding Academic Professional” 2016

Excellent Faculty Award, Kanpur Institute of Technology, 2009

Excellent Faculty Award, Kanpur Institute of Technology, 08 (Even Semester)

Rated as Excellent Faculty for the session 2007

UP State Eligibility Test: 2004

Junior Research Fellowship Award, Council of Scientific & Industrial Research, INDIA: 2004

Service Activities (within and outside of the institution):

Attended workshop “Robotics” held on September 25-29, 2016 Organized by BIOLOID STEM, Majmaah, Saudi Arabia.

Attended Workshop “The introduction to ABET” held on March 20-25, 2016 Organized by Majmaah University, Majmaah, Saudi Arabia.

Attended the workshop "System of Electronic Education Management D2L" held on March, 03-05, 2014 Organized by Majmaah University, Majmmah, Saudi Arabia.

Attended the workshop on "Scientific Forum of Academic Guidance" held on December 02, 2014 at Majmaah University, Al majmaah, Saudi Arabia.

Organized the workshop on “Web Designing” 2012 at Kanpur Institute of Technology, Kanpur

Reviewer Mathematical Reviews, American Mathematical Society

Editor, Journal of Progressive Research in Mathematics

Most Important Publications and Presentations (Past 5 years):

1. Sharma S. K. (2017) ‘Computational Model for the Generalized Dispersion of Synovial Fluid’ *International Journal of Advanced Computer Science and Applications*, Vol. 8, No. 2, 2017.
2. Chandra S. and Sharma S. K. (2015) ‘Multi criteria Decision model (MCDM) for the evaluation of maintenance practices and Implementation of Total Productive Maintenance(TPM) in Indian Industries’ *Int. Journal of Engineering Research and Applications* ISSN: 2248-9622, Vol. 5, Issue 9, (Part - 2) September 2015, pp.17-28.
3. Chandra S. and Sharma S. K. (2015) ‘Implementation Of Total Productive Maintenance (TPM) In Indian Industries Using Least Square Multi Attribute Decision Model (LSMADM)’ *International Journal of Advanced Technology in Engineering and Science* Vol. No 03 (1) March 2015 ISSN (online): 2348 – 7550.
4. Bali R. and Sharma S.K. (2011) ‘A Model for Intra-Articular Heat Exchange in a Knee Joint’ *Tribology Letters*, Vol. 41 pp.379–386. DOI 10.1007/s11249-010-9720-3.
5. Bali R. and Sharma S.K. (2011) ‘Temperature regulation in Knee Joint during walking” National Seminar on Sports Biomechanics, St. Stephens’s College & Miranda House, New Delhi, India.
6. Bali R. Awasthi U & Sharma S K (2011) ‘Study of an oxygenation Process in Capillary in the Presence of Magnetic Field’ *International Journal of Applied Mechanics and Engineering*, Vol. 16 (2) pp.331-344.
7. Sharma S.K. Sahu M.K. and Agrawal A.K. (2010) ‘Study of Arterial Blood Flow in Stenosed Vessel Using Non-Newtonian Couple Stress Fluid Model’ *International Journal of Dynamics of Fluids*, Vol. 6(2) pp.225–234.
8. R. Bali, N. K. Pandey & S. K. Sharma (2010) ‘Transient Solute Convection in Articular Cartilage’ National Seminar on “Current Trends in Mathematics with Special Focus on Operations Research and Computers” Dr. Ram Manohar Lohia Avadh University Faizabad. INDIA
9. Sharma S.K. Sahu M.K. and Agrawal A.K. (2010) ‘Rheological Study of Dilute Liquid Flowing Past Spherical Particles Using Reiner – Rivlin Fluid Model’ *International Journal of Mathematics Research*. Vol.2 (1) pp.77- 86.
10. Bali R. Shukla A.K. and Sharma S.K. (2009) ‘A bi-phasic model for artificial replacement in human knee joint’ *International Journal of Applied Mechanics and Engineering*, Vol. 14 (4) pp. 633-643.

11. Bali R. and Sharma S.K. (2009) 'Viscoelastic Effects on the Unsteady Convective Diffusion in a Synovial Fluid of Human Joints' *International Journal of Theoretical and Applied Mechanics*, ISSN 0973-6085 Vol. 4(2) pp.119–134.