**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*

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| 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 Cell | 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

**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, 2009

Excellent Faculty Award , 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. (2015) ‘Quasi-Steady State Model for the Generalised Dispersion of Synovial Fluid’ accepted by our Editor-in-chief of International Journal of Applied Engineering Research.
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.