

Dr. Gurpreet Kaur

Assistant Professor

Qualification:-

Ph.D. in Applied Mathematics from Jamia Millia Islamia

Topic- A study of mathematical model for tumor growth dynamics

M.Sc. in Maths with computer Science from Jamia Millia Islamia

B.SC. (G) in Electronics from Delhi University

Area of Interest:- Ordinary and Partial Differential Equations

Experience:-

Associate Professor (Mathematics) in Sirifort College of Technology and Management (BCA College) under GGSIPU, New Delhi from 1stAug, 2017 to 25thMay 2018.

Assistant Professor (Mathematics) in Dronacharya Group of Institution (Engg. College) under APJ Abdul Kalam

Tech University, Uttar Pradesh from 10thAug, 2015 to 29th May, 2017

Assistant Professor(Mathematics) in World College of Technology & Management (Engg. College) under MD University, Gurgaon from 23rd July, 2008 to 15th July, 2009 .

ResearchPaper : -

- i) A Study of Population Dynamics of Normal and Immune Cells in Presence of Tumor Cells. International Journal of Scientific & Engineering Research, Volume 4, Issue 4, April-2013, ISSN2229-5518 .
- ii)Gurpreet Kaur and Naseem Ahmad. On Study of Immune Response to Tumor Cells in Prey-Predator System. International Scholarly Research Notices Volume 2014, Article ID 346597,8 pages <http://dx.doi.org/10.1155/2014/346597>

Conferences:-

- i) Paper Presented at National Conference on “Recent Trends in Mathematical Modeling& Soft Computing Techniques” organized by Manav Rachna International University, Faridabad, Haryana (March29,2014).
- ii) Participated at National Conference on “Recent Trends in Protein Structural Biology” organized by Centre for Interdisciplinary Research in Basic Science, Jamia Millia Islamia,NewDelhi(Dec15-17,2013).
- iii) Participated at International Interdisciplinary Science Conference (I-ISC 2012) on “Protein folding and Diseases” organized by Centre for Interdisciplinary Research in Basic Science,Jamia,MilliaIslamia,NewDelhi(Dec08-10,2012).

- iv) Participated at International Interdisciplinary Science Conference (I-ISC 2011) Bioinformatics on “Nanobiotechnology: Interface between Physics and Biology” organized by Centre for Interdisciplinary Research in Basic Science, Jamia Millia Islamia, New Delhi (Nov 15-17,2011).
- v) Participated at International Interdisciplinary Science Conference-2009 on “Interface between chemistry and Biology” organized by Centre for Interdisciplinary Research in Basic Science, Jamia Millia Islamia, New Delhi (Oct 8, 2009).

Workshop:-

- i) Short-term course on “**Climate Change, Disaster Management and Sustainable Development**” organized by NITTTR Chandigarh, (Jan 11-15,2016)
- ii) Instructional Workshop on “**Mathematical Modeling and Simulation**” organized by National Centre for Advanced Research in Discrete Mathematics (n-CARDMATH), Kalasalingam University, Tamil Nadu (July 07-14,2010).
- iii) National Workshop Cum Training Programme on “**Dynamical System: Analysis and Applications**” organized by DST Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, Varanasi, U.P. (Oct 22-31,2009).

Memberships:-

International Society for Research and Development (ISR D)

International Association of Engineers (IAENG)

Internet Society's Community Forum (ISOC)