**Curriculum Vitae**

**Dr. Gotam Singh Lalotra,**

**Assistant Professor,**

**Department of Computer Applications,**

**Govt. Degree College for Women Kathua, J&K**

**Mobile: 9419145337, Email: singh.gotam@gmail.com**

**Education Qualification:**

***Ph.D*** December 2016 Maulana Azad National Institute of Technology, Bhopal- MP.

**NET** September 2012 University Grants Commission.

***MCA*** November 2009 First Class University of Jammu, Jammu, J&K

***B. Sc.*** July 2004First Class University of Jammu, Jammu, J&K

**Teaching Experience:**

1. Aug 2012- July 2013 Govt. Degree College, Kathua (J&K)

***(Lecturer)***

1. Aug 2011- July 2012 Govt. Degree College, Rajouri (J&K)

***(Lecturer)***

1. Aug 2010- July 2011 Govt. Degree College, Rajouri (J&K)

**(Lecturer)**

4) Nov 2009 – July 2010 Govt. Degree College, Rajouri (J&K)

***(Lecturer)***

1. ***Jan 2016 – Till date*** Govt. Degree College for Women kathua (J&K)

***(Assistant Professor)***

**Specialization:** Feature Selection in Data Mining.

**Title of PhD Thesis** “Computational Models for Feature Selections in High Dimensional Medical Datasets”.

**Research Publications**

**International Journals and Conferences:**

1. Gotam Singh Lalotra, R. S. Thakur, “An Intelligent CRF based Cuttlefish Feature Selection Algorithm for Effective Diagnosis”, International Journal of Pharmacy and Technology, Vol. 8 (3), pp. 17502-17508, 2016 (SCOPUS).
2. Gotam Singh Lalotra, R. S. Thakur, “Classification of Cancerous and Non- cancerous tissues of Serial Analysis of Gene Expression data through various Classifiers”, Bioscience Biotechnology Research Communications, Vol 9 (3), pp. 523-529, 2016 (Web of Science).
3. Gotam Singh Lalotra, R. S. Thakur, “k- Means and Genetic k- Means based clustering Analysis of Tumorous and non-Tumorous Tissues”, Ciit International Journal of Biometrics and Bioinformatics, Vol. 8 (8), pp. 222-225, 2016.
4. Gotam Singh Lalotra, R. S. Thakur, “Identification of Tumorous and NonTumorous tissues of SAGE data by supervised learning algorithms”, Accepted in International Journal of Pharmacy and Technology, 2016 (SCOPUS).
5. Chirag Ahuja, Anurag Singh Baghel, Gotam Singh, “Detection of Nude Images on Large Scale Using Hadoop”, 2nd International Conference on Computing for Sustainable Global Development (INDIA Com), pp. 849-853, 2015 (IEEE conference)

**Paper Presented in International Conference:**

1. Gotam Singh Lalotra, R.S. Thakur, “Provide web security by analysis of user accessing patterns”, 18th Annual Cum 3rd International Conference of Gwalior Academy of Mathematical Sciences (GAMS) on Mathematical, Computational and Integrative Sciences, pp. 166, Sept 22-26, 2013.

2. Gotam Singh Lalotra, R.S Thakur, “Feature Selection Techniques and Big Data Analytics”, International Conference on Intelligent, Computational and Informative Systems (ICICIS-2014) pp. 130-132, October 2nd - 4th 2014.

**Workshop/Seminar/ Training Program Attended:**

* 1. Short Term Training Program on “**Network Simulation (NS-2013)**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 19th -23rd August 2013
  2. Short Term Training Program on “**Mathematical Models and Methods in Engineering**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 16th -18th December 2013.
  3. Short Term Training Program on “**Advanced Optimization Techniques for Engineers & Professionals**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 19th - 21st December 2013.
  4. Workshop on “**Text Mining**”organized by ACM Student Chapter, ISI Kolkota and Indian Statistical Institute, during 6th -8th January 2014.
  5. Workshop on “**Data Mining & Pattern Management**”organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 13th-15th January 2014.
  6. Short Term Training Program on “**Information Retrieval**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 26th – 27th February 2014.
  7. International Summer School on “**Machine Learning Algorithms and Data Analytics**”, organized by Thapar University Patiala, Punjab, during 3rd - 13th June 2014.
  8. Participated in one-day seminar on “**Converged Virtulisation, Build your Own Cloud Infrastructure as a service Affordable Professional Telepresence**” on 24th June 2014. Organized by Computer Society of India Bhopal Chapter.
  9. Short Term Training Program on “**Network Simulation & IPv6 NS-2014**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 13th - 17th October 2014.
  10. Short Term Training Program on “**Hands on Big Data with Hadoop**”, organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 1st – 5th November 2014.
  11. Training and Awareness Program on **“Intellectual Property Rights”** Organized by the Controller General of Patents, Design and Trademark, Deptt. Of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India, at Bhopal on 28th November 2014.
  12. Short Term Training Program on **“Optimization Techniques and Methods in Finance”** Organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 10th – 12th  December 2014.
  13. Short Term Training Program on **“Artificial Intelligence in Bioinformatics”** Organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 10th – 14th January 2015.
  14. Short Term Training Program on **“Cloud Computing -15”** Organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 28th -29th  March 2015.
  15. Workshop on **“Code Modernization”** Organized by Department of Computer Science and Engineering, MANIT, Bhopal (M.P.), on 17th August 2015.
  16. Online course of study offered by IITBombayX “WHS791x: Technical Communication for Scientists and Engineers” from 8th -18th November 2015
  17. Short Term Training Program on **“Big Data Analytics Using Hadoop and Ecosystems”** Organized by Department of Mathematics, Computer Applications and Physics, MANIT, Bhopal (M.P.), during 6th – 10th  October 2016.
  18. Short Term Training Program on **“Discrete Mathematical Structures”** Organized by Department of Mathematics and Computer Applications, MANIT, Bhopal (M.P.), during 14th – 16th October 2014.

**Membership:**

Life time member of International Association for Engineers

**Travel Grant and fellowship received**

1. Received the travel Grant from the Department of Climate Change, National Development and Reform Commission, the people Republic of China, to attend a Seminar on Climate Change and Green Low Carbon from 2nd December – 22nd December 2015 in Beijing.

Dr. Gotam Singh Lalotra

Assistant Professor

Department of Computer Applications

Govt. Degree College for Women, Kathua

J&K