


Faculty Member Details

Name: Jyoti Lakhani		 Jyoti Lakhani
Date of Birth:	11 th July 1978	
Date of joining:	21-6-2011	
Present Position:	Assistant Professor	
Department:	Computer Science	
Pay Scale + Grade Pay:	15600-39100 (6000)	
Mailing Address:		
Office: Academic Block I, First Floor, Department of Computer Science, MGS University, Bikaner		Residence: House No-IIID-36, "Krishika", Near SDP School, Opposite to Park, Murlidhar Vyas Colony, Bikaner
Telephone No.: Fax No.:		Mobile No.: 9887253020 E-mail: jyotilakhanimgsu@gmail.com
Qualifications:		
<ul style="list-style-type: none">• Pursuing Ph.D. in Computer Science (2014-) entitled "Design and Implementation of Evolutionary Clustering Algorithm for Biological Sequence Analysis"• UGC NET (Computer Science and Engineering)(2005)• M.Sc.(Computer Science)		
Specialization:		
Soft Computing, Data Mining, Computational Biology, Evolutionary Algorithms		
Research and Teaching Experience(Ph.D. onwards): (9.5 Years)		
Teaching Experience in MDS University, Ajmer	Assistant Professor	From 20-6-2007 to 20-6-2011
Teaching Experience in MGS University, Bikaner	Assistant Professor	From 21-6-2011 to till date
Other Responsibilities:		
Position Held		
<ul style="list-style-type: none">• Head of the Department, Department of Computer Science, MGS University, Bikaner (2011-till the date)• Member Academic Council, MGS University, Bikaner(from 2015 to till the date)		

- Convener BOS, MGS University, Bikaner (from 2014 to till the date)
- Member of BOS, MGS University, Bikaner (from 2012 to till the date)
- Nodal Officer, Website, MGS University, Bikaner (from 2012 to 2016)
- Nodal Officer, Networking and NKN, MGS University, Bikaner (from 2012 to 2015)
- Nodal Officer, Departmental Website , MGSU, Bikaner(from 2015)
- Nodal Officer Student Scholarships(MGS University, Bikaner) (from 2012-2016)
- Nodal Officer AISHE Portal(MGS University, Bikaner) (from 2012-2016)
- Nodal Officer National Scholarship Portal(MGS University, Bikaner) (from 2012-2016)
- Nodal Officer Rajasthan Scholarship Portal Portal(MGS University, Bikaner) (from 2012-2016)
- Prospectus Committee MGSU, Bikaner 2012-13, 2015-16, 2016-17
- VC Nominee, Selection committee Shri Jain Rampuria College, Bikaner session 2014-15, 2015-16
- VC Nominee, Selection committee MD College, Shriganganagar session 2016-17
- Member in Academic council of IASE University, Sardarshaha (from 2016 to till the date)
- Member of BOS Sophia Girls College, Ajmer(Autonomous College) from (2016 to till the date)
- Member of Library purchase committee, MGS University, Bikaner (from 2011 to till the date)
- Member of Library Management Committee, MGSU, Bikaner (from 2011 to till the date)
- Member of Departmental Purchase Committee, MGS University, Bikaner (from 2011 to till the date)
- Book Reviewer Pearson Publication (2015)
- Reviewer for ACM conference AICTC2016(Member of Program committee of International Conference on Advances in Information Communication Technology & Computing jointly organized by government Engineering College, Bikaner and ACM, Udaipur Chapter on 12-13 August 2016)
- Reviewer for ACM conference ICAICTEM 2016, (Member of Program committee of ICAICTEM 2016 - 1st Annual Bhiwani Conference 2016 - INDIA, 19 - 20 November 2016)
- Member of BOS, MDS University, Ajmer 2008-2011
- Member of COC, MDS University, Ajmer 2008-2011
- Member of Purchase Committee CESBM, MDSU, Ajmer
- Member of BOS, MDS University, Ajmer 2008-2011
- Member of COC, MDS University, Ajmer 2008-2011
- Assistant Dean Student welfare(ADSW), MDSU Ajmer(2009)
- NSS Program Officer, Unit III, 2008-09(MDS University, Ajmer)
- (Practical Examiner and Paper Setter MGSU Bikaner, MDSU Ajmer, IIS University, Jaipur, Vardhman Kota Open University, Kota, Matsay University, Alwar, Sophia College, Ajmer, Agriculture University, Jobner)

Publications:

I. Books published:

A. Authored

1. **Title :** “Soochna Prodhogiki ke Adhaar II”
Publisher: Rajasthan Board of Secondary Education, Ajmer, Rajasthan

	<p>Publication Year: 2011 Reprinted in - 2012, 2013, 2014, 2015, 2016, 2017 Authored/ C-Authored : Co-Authored</p> <p>2. Title : “Computer’s Laboratory Manual for Windows, Word, Excel and Power Point for Ph.D. Course work” Publisher: MGS University, Bikaner, Rajasthan Publication Year: 2012 Reprinted in - 2012, 2013, 2014, 2015, 2016, 2017 Authored/ C-Authored : Co-Authored</p>
B. Edited:	<p>3. Title of the Chapter : “All about the Internet” Title of the Book: “Guide Book for Ph.D. Coursework MPCET 2011” Book Editor : Dr G.R. Jakhar, Director of Research, MGSU, Bikaner Publisher: MGS University, Bikaner, Rajasthan Publication Year: 2012</p> <p>4. Title of the Chapter : “Secondary structure modelling of ITS1,5.8S and ITS2 Ribosomal sequences for Intra Specific Differentiation among Aspergillus” Title of the Book: “Microbes in Action” Book Editor : by Dr. Joginder Singh and Dr Praveen Gehlot, Other Details : chapter no 21, pp 337, ISBN: 978-81-7754-576-0</p> <p>5. Title of the Chapter : “Unit 2 Event Handlers and Forms in Java Script ” Title of the Book: “Course book for MCA Semester III VMOU, Kota” Book Editor : Dr Neeraj Arora, Course Coordinator Publisher: Vardhman Mahaveer Open University, Kota Publication Year: 2017</p> <p>6. Title of the Chapter : “Unit 3 Messaging and Time Events in Java Script” Title of the Book: “Course book for MCA Semester III VMOU, Kota” Book Editor : Dr Neeraj Arora, Course Coordinator Publisher: Vardhman Mahaveer Open University, Kota Publication Year: 2017</p>
II. Research Papers Published:	
A. National/ International Journals:	<p>1. Title of the Research Paper : “Blind XPath Injection Attack: A Case Study” Name of Journal: “International Journal of System and Software Engineering” National/International: International Publication Year: 2013 Volume/Issue/Page: Volume 1, Issue 1, Page 30-34 ISSN: 2321-6017 Impact Factor:</p> <p>2. Title of the Research Paper : “E-Learning in Indian Higher Education” Name of Journal: “MDEGQ” National/International: International</p>

Publication Year: January 2014
Volume/Issue/Page: Volume 3 Issue 1 #9, pp 118-130
ISSN: , ISSN: 2250-3048
Impact Factor:

3. **Title of the Research Paper :** “Protocol Buffer:An overview (Case study in C++)”,
Name of Journal: “IJSRCSAMS”
National/International: International
Publication Year: in January 2014
Volume/Issue/Page: Volume 3 Issue 1
ISSN: ISSN: 2319-1953 **Impact Factor:** Global Impact Factor: 0.465
4. **Title of the Research Paper :** “Clustering Trend Predictions using Evolutionary k-means Algorithm for Automated Clustering”,
Name of Journal: “International Journal of Knowledge Based Computer Systems”
National/International: International
Publication Year: 2014
Volume/Issue/Page: Volume 3 Issue 1
ISSN: 2321-5623
Impact Factor:
5. **Title of the Research Paper :** “Disambiguation of multiple inheritance in C++ using biological law of genetics given by Mendel”,
Name of Journal: “Academic Journal of Science”
National/International: International
Publication Year: 2015
Volume/Issue/Page: volume 3, no 3, pp. 361-371
ISSN: 2165-6282
Impact Factor:
6. **Title of the Research Paper :** “Clustering Techniques for Biological Sequence Analysis: A Review”,
Name of Journal: “Journal of Applied Information Scienc”
National/International: International
Publication Year: June 2015
Volume/Issue/Page: Volume 3, Issue 1
ISSN: 2165-6282
Impact Factor:
7. **Title of the Research Paper :** “A complete Inter-class sharing during the inheritance to enhance reusability of public data and their access control using Dominance”,
Name of Journal: “International Journal of System and Software Engineering”
National/International: International
Publication Year: 2015
Volume/Issue/Page: Volume 3, Issue 1
ISSN: 2321-6017

	<p>Impact Factor:</p> <p>8. Title of the Research Paper : “Auto-Evolving Clusters based on Rejection and Migration”, Name of Journal: “Proceedings of International Conference on Advances in Information Communication Technology & Computing” National/International: International Publication Year: 2016 Volume/Issue/Page: ACM – ICPS for Proceeding Volume: 978-1-4503-4213-1 ISSN: 2321-6017 DOI: http://dx.doi.org/10.1145/2979779.2979877 (available in ACM Digital Library)</p>
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Other activities:

<p>Seminars/ Conferences / Workshops / Training / Refresher(organized/attended)</p>	<ol style="list-style-type: none"> 1. Training/Seminar/Conference/Refresher: Professional Training Date/Duration: 2007(Six Months duration) Name: “Certificate in Developing Enterprise Applications using .NET Framework” Organized by: NIIT, Ajmer 2. Training/Seminar/Conference/Refresher/: Workshop Name: “National Workshop on Promoting Excellence in Research Date/Duration: 2008(Six Months) 180 days Title of the paper: Organized by: Academic Staff College, MDS University, Ajmer 3. Training/Seminar/Conference/Refresher/: Conference Name International conference on Advances in Ecological Research Date/Duration: 2011 Title of the paper: Recycling of e-Waste: A New Challenge to Environment Organized by: Department of Environmental Science, Maharaja Ganga Singh University, Bikaner 4. Training/Seminar/Conference/Refresher/: Symposium Name: National Symposium on Interrogating New Worlds of English Language Teaching Date/Duration: 2012 Title of the paper: A World of Science and Technology Beyond the English or Within Organized by: Department of English, Maharaja Ganga Singh University, Bikaner
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	<p>5. Training/Seminar/Conference/Refresher/: Refresher Name: Special Summer School on Research Methodology Organized by UGC Date/Duration: May 23, 2013 to June 12, 2013 Organized by: Academic Staff College, MDS University, Ajmer</p> <p>6. Training/Seminar/Conference/Refresher/: Seminar Name: Think.Eat.Food Date/Duration: 5th June 2013(World Environment day) Organized by: Department of Environment Science, MDS University, Ajmer</p> <p>7. Training/Seminar/Conference/Refresher/: Symposium Name: UGC Sponsored National Conference on Biotechnology Date/Duration: 2013 Title of the paper: Molecular Biotechnology Databases Architectural Details, p. 24 Organized by: Mahila P.G. College, Jodhpur, Rajasthan</p> <p>8. Training/Seminar/Conference/Refresher/: Workshop Name: National workshop on "Introduction to Research Methods using Neural Networks in MATLAB" Date/Duration: 22-24 August 2014 Organized by: Poornima University, Jaipur</p> <p>9. Training/Seminar/Conference/Refresher/: Conference Name: National Conference on Energy and Environmental Engineering (NCEEE2014) Date/Duration: 2015 Title of the paper: E-waste : A growing Environmental Burden Organized by: Manda Institute of Technology, Bikaner</p> <p>10. Training/Seminar/Conference/Refresher/: Reference Name: Special Winter School on "Higher Education: New Perspectives" Date/Duration: 15th December 2014 to 3rd</p>
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January 2015

Organized by: Organized by UGC-Academic Staff College, Rajasthan University, Jaipur

11. Training/Seminar/Conference/Refresher/:

Seminar

Name: National Seminar on Current Trends in Environmental Research

Date/Duration: 28-02 March, 2015

Title of the paper: Green Computing: Towards Eco-Safe Technology

Organized by: Department of Environmental Science, Maharaja Ganga Singh University, Bikaner

12. Training/Seminar/Conference/Refresher/:

Seminar

Name: National seminar on Marginal societies in Rajasthan

Date/Duration: 30-31 March, 2015

Organized by: Department of History, Maharaja Ganga Singh University, Bikaner

13. Training/Seminar/Conference/Refresher/:

Training

Name: National Seminar on Current Trends in Environmental Research

Date/Duration: 28-02 March, 2015

Title of the paper: Green Computing: Towards Eco-Safe Technology

Organized by: Department of Environmental Science, Maharaja Ganga Singh University, Bikaner

14. Training/Seminar/Conference/Refresher/:

Training

Name: sodh-ganga and Anti Plagiarism

Date/Duration: 2016

Organized by: Central University of Rajasthan, Ajmer

15. Training/Seminar/Conference/Refresher/:

Conference

Name: International Conference on Advances in Information Communication Technology & Computing

Date/Duration: 12-13 August 2016

Title of the paper: Auto-Evolving Clusters based on Rejection and Migration

Organized by: jointly organized by government

Engineering College, Bikaner and ACM, Udaipur Chapter

16. Training/Seminar/Conference/Refresher/:

Conference

Name: ICAR-CIAH

Date/Duration: 11-13 March 2016

Title of the paper: Information Communication Technology: Suicidal Activities of Human &

Probiotics and Antibiotics Resistance : Safety Issue of Dietary Supplements

Organized by: Agriculture University, Bikaner and ACM, Udaipur Chapter

17. Training/Seminar/Conference/Refresher/:

Conference

Name: ICAR-CIAH

Date/Duration: 11-13 March 2016

Title of the paper: Information Communication Technology: Suicidal Activities of Human &

Probiotics and Antibiotics Resistance : Safety Issue of Dietary Supplements

Organized by: Agriculture University, Bikaner and ACM, Udaipur Chapter

18. Training/Seminar/Conference/Refresher/:

Seminar

Name: National Education Policy 2016: Issues, Challenges and Suggestions

Date/Duration: 17th October 2017

Title of the paper: SWAYAM: An Online Education Catalyst for Higher Education Reforms in India

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Higher Education Standards: A Quick Assessment between Urban and Rural Population

Organized by: Maharaja Ganga Singh University, Bikaner

19. Training/Seminar/Conference/Refresher/:

Conference

Name: UGC sponsored National Conference on Biotechnology for sustainable development

Date/Duration: 23-24 December 2016

Title of the paper: Developing a Green Algorithm for Biological Sequence Alignment to Reduce Time and Space Complexity for Energy Efficient

	<p>Sustainable Environment Organized by: MD College SGNR</p>
Invited Lecture/ chair session	<ol style="list-style-type: none"> 1. Invited Lecture in Student seminar on “Cyber Technology” organized by Shri Jain Girls College, Bikaner(2014) 2. Chaired Session as Chief Guest in Student Seminar on “Applications of Information Technology”, Binani Girls College, Bikaner (2015) 3. Invited lecture on “Website Design and Development: Application for a Researcher” in MPCET-2015 PhD course work phase I(2015) 4. Invited lecture on “Website Design and Development: Application for a Researcher” in MPCET-2015 PhD course work phase I(2016) 5. Invited lecture on “Website Design and Development: Application for a Researcher” in MPCET-2015 PhD course work phase I(2016)