 **Dr. Richa Vijay**

Phd (CSE), MTech (IT),MCA 9753621281 richavyadav@gmail.com

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# PROFESSIONAL QUALIFICATIONS--------------------------------------------------------------------------------------------------------------------------

1. **Ph.D.** in Computer Science & Engineering from Dr APJ Abdul Kalam Technical University, Lucknow (2021).
2. **M.Tech.** in Information Technology from Global College, Bhopal (2009-11).
3. **MCA** from Uttar Pradesh Technical University, Lucknow (2002-2005).

# PROFESSIONAL EXPERIENCE

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**12 years of total experience. 9 Years** of Teaching & Research experience in the field of Database Systems, Computer Networks, Object Oriented Programming and Programming in C#,.Net, Cloud Computing & Big Data. **3 Years** of industrial experience and a software developer in .Net Platform with C# and sql .

**Teaching Experience: - (9+ Years)**

1. Presently working as Assistant Professor since July, 2021 in the Department of

Computer Applications, MRIIRS(MANAV RACHANA UNIVERSITY), Faridabad.

1. Worked as Assistant Professor from June ,2019- July2021 in the Department of Computer Applications, IPEM Ghaziabad.
2. Worked as Assistant Professor from June ,2015- Oct 2016 in the Department of Computer Science & Engineering, MAHARSHI CENTER OF EXELLENCE, MIM affiliated to RGPV Bhopal.
3. Worked as Lecturer & Course Coordinator of BCA Department from 27-July-12 to 10-Dec-14 SAII COLLEGE OF MEDICAL SCIENCE & TECHNOLOGY,choubepur, Kanpuraffiliated to CSJM University, Kanpur.
4. Worked with INSTITUTE OF MANAGEMENT & RESEARCH(IMR), Ghaziabad. Affiliated to C.C.S. University, Meerut and U.P.T.U. , Lucknow as a Lecturer (Computer Applications), from 01-Aug-2008 to 18-Jul-2011.

**Industry Experience: - (3 Years)**

1. **Worked as a Sr. S/W developer in BROADWAY INFOTECH PVT LTD, Noida** from 19-feb-07 to 23-Feb-2008.
2. Previously worked as software developer in 4CPLUS (I) CO LTD NEW DELHI from 7-May-05 to

 13-Feb-2007.

# PRESENT DUTIES

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* 1. Teaching UG and PG students
	2. Guiding Post Graduate Students (M. Tech., MCA) for their Project and Dissertation work.

# OTHER OFFICIAL DUTIES (2012-2021)

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1. **ERP Coordinator**, FCA, MRIIRS, Faridabad.
2. **Coordinator**, International & National Conference, IPEM Ghaziabad
3. **Coordinator**, BCA, Department of Computer Application , IPEM Ghaziabad .
4. **Associate Editor** **of** IPEM Journal of Computer Application & Research.
5. **Coordinator**, Departmental NBA & NAAC Accreditation Committee, IPEM Ghaziabad.
6. **Coordinator**, Research and Development Committee, IPEM Ghaziabad.
7. **Coordinator** AICTE 360 degree portal IPEM Ghaziabad .
8. **Reviewer** of International Journal of Physical Sciences (IJPS).
9. **Associate Editor of Book Titled “**Advanced and emerging applications in Big data and machine learning” from Universal Publications.
10. **Coordinator**, BCA, Department of Computer Application, SCMAT ,Kanpur.

# AREA OF RESEARCH

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1. Cloud Virtual scheduling.
2. Big Data
3. E -Commerce

# STUDENTS GUIDED FOR RESEARCH/ PROJECTS

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|  |  |
| --- | --- |
| i) **B. Tech.** : | 20 (2012-2021) |
| ii) **M.Tech.** : | 04 |
| iii) **MCA** : | 12 |

**PUBLICATIONS:**

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**Total Number of Publications**

|  |  |
| --- | --- |
| **:** | **10** |
| : | 06 |
| : | 02 |
| : | 02 |

1. Research Papers (Published) International Journals
2. Research Papers (Communicated)
3. Research papers in Proceedings of conferences

# FDP/WORKSHOP/ORIENTATION PROGRAMME ATTENEDED

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1. FDP on “**Application of Artificial Intelligence” TEQIP III** sponsored held in Department of Computer Science and Engineering, REC Banda, UP, from 30.10.2018 to 10.11.2018.
2. FDP on “**Image Classification using MATLAB”** held in Department of Computer Science and Engineering, Faculty of Engineering and Technology, Jain (Deemed-to-be University), Bengaluru from 27.05.2020 to 30.05.2020.
3. FDP on “**Cyber Security”** held in Department of Computer Science and Engineering, Faculty of Engineering and Technology, Anurag University from 03.06.2020 to 5.06.2020.

### Second National Level Online Faculty Development Program on **“Machine Learning Using Python**” Poornima University ,Jaipur ,Rajasthan from 08.06.2020 to 10.06.2020.

# LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS/CONFERENCES

**---------------------------------------------------------------------------------------------------------------**

* Paper Title: An Algorithm based on Evolutionary Genetic and Repellent Gravitational Search Algorithm with Exponential Kbest for Load Balancing in VM for Cloud.

Test engineering and Management ISSN:01934120 (Scopus indexed)

* Paper Title: Stochastic Markov Model Approach for Efficient Virtual Machines Scheduling on Private Cloud.

JARDCS - Journal of Advanced Research in dynamical and control system

(Scopus indexed) ISSN: 1943-023X

* Paper Title : Stochastic Hill Climbing -Computing Perspective for load balancing in Cloud Computing

IJRTE.Org International Journal of Recent Technology and Engineering. (Scopus indexed) ISSN: 2277-3878

* Paper Title : A Review on Metaheuristic Scheduling Techniques for Cloud

IPEM Journal of Computer Application & Research (ISSN No. 2581 - 5571)

* Paper Title : A Survey Paper on various scheduling techniques in cloud computing

(MATRIX Academic International Online Journal of Engineering and Technology (MAIOJET) 2015.

* Paper Title: Scheduling Algorithm with Plotter in Cloud Environment

IEEE Conferences -- (5th Fifth International Conference on System Modelling & Advancement in Research Trends, 25th -27th November, 2016.)

# COMMUNICATED PAPERS

Personal Details: -

Husband’s name : Mr. Vijay Yadav

Date of Birth : 30 June 1981

Marital Status : Married

Phone Number : 05122613705

Language Proficiency : English and Hindi

**Declaration**

I hereby declare that the information given above is true to the best of my knowledge and belief.

**Date:**

**Place**: **(Dr. Richa Vijay )**