CURRICULUM VITAE

KAVITA AGRAWAL
B-64 Sector H,
Aliganj,
Lucknow, (UP)
INDIA
Mobile- +91-9235794807
Email- kavitalucknow@gmail.com
ORCHID ID - https://orcid.org/0009-0007-1063-6028

Holding Office:	**Associate Professor**
(since Feb'2022)	**Department of Computer science & Engineering**
	Integral University,
	Lucknow, INDIA

Personal Information:

Husband's Name	**:** Shri Rajat Kant
Category	**:** General
Nationality	**:** Indian (by birth)
Date of Birth	**:** 07 November 1971
Sex	**:** Female
Marital Status	**:** Married
Permanent Address	**:** B-64 Sector H,
	Aliganj,
	Lucknow, (UP)
	INDIA

Educational Background:

M.Tech (Computer Science and Engineering)	UP technical university	2009	CPI 10.00
B. Tech. (Computer Science)	IET, Lucknow University	1993	CGPA 9.34

Experience:

Name of company	Duration	Nature of Duties
Aptech , Lucknow	June 1993- June 1994	Training and s/w dev.
Prosix Softron, Lucknow	June 1994- June 1996	s/w dev. And corporate training
Computer point	Aug. 1996- July 1997	Training
IET, Lucknow	Aug 1997- Aug 1999	Part time faculty
Instt. Of Integral Technology, Lucknow	Aug 1999 – Sep 2004	Lecturer , Deptt. Of CSE
BBDNITM	Sep 2004 –Oct 2010	Assistant Prof. , Deptt of CSE
Integral University	Nov 2010 –Aug 2011	Assistant Prof. Deptt of CSE
Integral University	Aug 2011 – Aug 2014	Junior Associate Prof. Deptt of CSE
Integral University	Sep 2014 – March 2015	HOD & Junior Associate Prof. Deptt of CSE and Deptt of IT
Integral University	March 2015– April 2017	HOD & Associate Prof. Deptt of CSE and Deptt of IT
Integral University	April 2017 –Feb 2022	Associate Professor Deptt of CSE
Integral University	July 2024-Till date	Associate Professor Deptt of CSE

MTech dissertation Topic: **"Mapping process model to problem frames for functional measurement."**

Membership: Member IEEE Membership No. 93030703
Member IACSIT. Membership No. 80332601
Member IAENG. Membership No. 114176
Member ISTE.   Membership No. LM 85605
Member CSI   Membership No. F8005206

List of publications:

Books / Book Chapters :

1. Kavita Agrawal, Dr. Shish Ahmad, Dr. Mohammad Arif, " Computer Science Advancement", Aargon Press, ISBN 978-93-94070-46-2 Edition 2021.
2. Kavita Agrawal, Dr. Halima Sadia, Ankita Srivastava, " Computer Science & Engineering", Aargon Press, ISBN 978-93-94070—54-7, Edition 2021.
3. Kavita Agrawal, Azra Asif, " Fake news detection using machine learning", Computer Science Advancement", Aargon Press, ISBN 978-93-94070-46-2 Edition 2021, Chapter 9.

4. Kavita Agrawal, "Empowering Women to play a leadership role in Disaster Risk Reduction", Compendium of best practices: Women's role in Disaster risk management, Compiled by India Universities and Institutions Network for Disaster Risk Reduction - National Institute of Disaster Management (IUINDRR - NIDM), Ministry of Home Affairs, Government of India, ISBN 978-81-969180-6-4 Edition 2023, Chapter 17.

International Journal:
1. S.P.Tripathi, Kavita Agrawal, S.K. Bajpai, "A note on cost estimation based on prime numbers", IJITKM , July-December 2010, vol III, no.2, pp 241-245, ISSN: 0973-4414.
2. Kavita Agrawal, Dr.S.K. Bajpai, Dr.S.P.Tripathi, "Determination of problem frames based on role activity diagrams leading to function points: a case study", International journal of computer science and communication volume-I, number-II, pp 121-127,July-December 2010,ISSN: 0973-7391.
3. Kavita Agrawal, Dr.S.K. Bajpai, "Prime number cost estimation criterion", International Journal of computer science & emerging technologies, volume-I, issue 4, December 2010, pp 314-317, E-ISSN: 2044-6004
4. Syed Umar Amin, Kavita Agrawal, Dr. Rizwan Beg, "Data mining in

clinical decision support systems for diagnosis, prediction and treatment of heart disease." IJARCET-2013, ISSN: 2278-1323.

5. Naveen Singh, Kavita Agrawal, "Software Testing using Evolutionary Approach" in 'International Journal of Scientific and Research' Publications, Volume 3, Issue 6, June 2013 1, ISSN 2250-3153

6. Shivam Singh, Kavita Agrawal , Jameel Ahmad, " An overview of Fuzzy Object-oriented Database" , JECET, March 2014-May 2014; vol 3 no. 2,pp 808-813, E-ISSN: 2278-179X

7. Shabeeha Khatoon, Kavita Agrawal, "Case based reasoning system for diagnosis of neuropsychiatric abnormality.", IJCER, June 2014; vol 4 issue 6, pg 27-34, ISSN(e): 2250-3005

8. Shivam Singh, Kavita Agrawal, " Mapping of conceptual fuzzy object oriented data model into logical schema.", IJAET, April-June 2014, vol 4(2), pp 164-169, ISSN: 2277-212X(online).

9. Shivam Singh, Kavita Agrawal, " Conceptual modeling in fuzzy object oriented databases using unified modeling language", IJLRST, May-June 2014, vol 3 issue 3, pp 174-178, ISSN(online): 2278-5299

10. Shabeeha Khatoon, Kavita Agrawal, R.P.Verma, "An expert system for diagnosis of neuropsychiatric disease", IJATES, Aug 2014; vol 2 issue 8, pg 508-516, ISSN(online): 2348-7550

11. Geeta Laxmi, Kavita Agrawal, "Maintainability measurement model of object oriented design.", IJARCSSE, Nov 2014; vol 4 issue 11, pg 55-69, ISSN: 2277-128X

12. Ashish Kumar Pandey, Kavita Agrawal, Mohd. Haroon, "A Hybrid approach for enriching image using Mamdani neuro-fuzzy technique and its comparative analysis.", IJCA, , July 2015, vol 121 No.19,Pg 09-16

13. Akanksha Singh, Kavita Agarwal, Preetam Suman, Madhurendra Sachan, "Automated classification of bookmarks", GJPAM, August 2017, vol 13, number 3, Pg. 42-45, ISSN 0973-1768.

14. AH Siddique, P Suman, K Agarwal, Traffic Sign Detection and Recognition Using Digital Image Processing, International Journal of Advanced Research in Computer Science 9 (2),2018, 204-207

15. R Mishra, K Agrawal, P Suman, "HARDWARE TROJANS IN IOT DEVICES : A SURVEY", International Journal of Advanced Research in Computer Science 9 (2),2018, 68-70

16. Farah Jamal, Kavita Agrawal, "Analysis of user's behavioral pattern using sentiment analysis : A survey", International journal of science and research, 8(4), April 2019, 843-847.
17. Farah Jamal, Kavita Agrawal, "Analysis of user's behavioral pattern for various brands using machine learning", International journal of research in advent technology, 7(5), may 2019, 564-566.
18. Azra Zia Ansari, Kavita Agrawal, "A cloud security model using AHP", Science and Engineering Journal, issn 0103-944X 24 (08), Aug 2020, 198-213.
19. Azra Asif, Kavita Agrawal," A review of fake news analysis using machine learning", Dogo Rangsang Research Journal, issn no 2347-7180 11 (08), Aug 2021, 160-165
20. Azra Asif, Kavita Agrawal," Fake news analysis using machine learning", Dogo Rangsang Research Journal, issn no 2347-7180 11 (08), Aug 2021, 154-159
21. Abhishek Kumar, Kavita Agrawal, "Parking Space Finder Using Image Processing and Machine Learning", Journal of emerging technologies and innovative research (JETIR), issn no 2349-5162 10(5), May 2023, h494 - h501
22. Arshia Dilshad, Kavita Agrawal, "Video Surveillance Using Deep Learning : a Survey", International Journal of creative research thoughts (IJCRT), issn no 2320-2882 12(7), 14 July 2024, f462-f467

International conference:

1. Kavita Agrawal, S.K.Bajpai, S.P. Tripathi, " Application of role activity diagrams in finding problem frames and determination of function points.", ICSTE 2009, ISBN: 978-9-8142-8724-1, pg 17-20, July 2009 in Chennai India.
2. Nida Haseeb, Kavita Agrawal, "Software project risk management model using immune clonal approach." ICECT 2012,6-8 April 2012, Kanyakumari , India, ISBN: 978-1-4673-1849-5.
3. Nida Haseeb, Kavita Agrawal, "Integration of risk management with risk estimation ." ICETCIT 2012, Coimbatore, India.
4. Syed Umar Amin, Kavita Agrawal, Dr. Rizwan Beg, " Genetic neural network based data mining in prediction of heart disease using risk factors." ICT 2013. Published in IEEE explore digital library.

5. Abhishek Garg, Kavita Agrawal, "Hardware driven approach for enhancing C's operators' library so to increase C's functional capability" confluence-2013 organized by Amity University 26-27 sep 2013,Noida, India.

6. Naveen Singh, Kavita Agrawal," Implementation of evolutionary approach in software testing." , IRAJ 2013, 15 Dec 2013, Hyderabad, India, ISBN:978-93-82702-47-4, pg 1-12.

7. Tabbassum Iqbal, Kavita Agarwal, Jameel Ahmad "An Analytical study of software estimation models: A Review", ACEIT-16, Integral University, Lucknow 12th march 2016.

8. Anurag Srivastava, Kavita Agarwal, Md. Shahid Hussain "Bayesian Equalizers for Inter symbol and Co-channel Interference using Mamdani fuzzy system", ACEIT-16, Integral University, Lucknow 12th march 2016.

9. Dr. Nitin Goel, Sudheer Kumar Singh, Shashank Singh, Mohd Sameer, Kavita Agarwal, "4G Wireless Network: A review", ACEIT-16 proceedings published in IJCSIT, Integral University, Lucknow 12th march 2016.

10. Anurag Srivastava, Kavita Agarwal, Md. Shahid "Bayesian Equalizers Literature Survey with Analytical Comparison", ACEIT-16, proceedings published in IJCSIT, Integral University,Lucknow 12th march 2016.

11. Neha Mishra, M.Akheela Khanum, Kavita Agarwal, "Approach to prioritize the requirements using fuzzy logic", ACEIT-16, proceedings published in IJCSIT, Integral University, Lucknow 12th march 2016.

National conference:

1. Kavita Agrawal , Shubha Mishra, Mohit Gangwar, "Proposed model for diagnostic system in ophthalmic diseases using uncertainty in symptoms.", NCETIT-2007, GSITS, Indore, India.

2. Mohit Gangwar, Kavita Agrawal, Shubha Mishra, "Proposed model for small business: Web solution not a web site.", NCITCD (ITDC-2008), Institute of management education, Gaziabad, India.

3. Kavita Agrawal, S.K.Bajpai, S.P. Tripathi, "Determination of function points & problem frames using role activity diagrams." ,

National seminar on information security: emerging threats and innovations in 21st century, organized by ITS Gaziabad, India on 4th April 2009.

4. Nida Haseeb, Kavita Agrawal, "Software risk management and biological immune system: An analogy." NCCIST, organized by Apeejay school of management on 9 sep 2011, New Delhi, India.

5. Nida Haseeb, Kavita Agrawal, "Value assessment of cost effective selection criteria of software risk management based on Biological Immune System: An analogy."COTII-2013, organized by AIMT on 16 feb 2013, Lucknow, India.

6. Shabeeha Khatoon, Kavita Agrawal, Mohit Gangwar "An integrated system of RBR and Bayesian along with CBR for diagnosis of neuro-psychiatric abnormality"COTII-2014, organized by AIMT, Lucknow, India.

Workshop/ FDP/ STC/ Seminars Attended:

1. Attended the workshop on "StartXHack V1.0- Ethical Hacking & Cyber Security" on 21-sep-2013 to 22-sep-2013 at Integral University, Lucknow.

2. Attended the workshop on "Networking Technologies" on 05-sep-2014 at Ambalika Institute of Management and technology, Lucknow.

3. Attended the workshop on "Emerging trends in software industry" on 20-sep-2014 at Ambalika Institute of Management and technology, Lucknow.

4. National workshop on "Arm Controlled Robotics", IU,Lucknow, 11-13 feb 2015.

5. Seminar on "Leading the right path", CSE dept., IU, Lucknow, 19th march 2015.

6. Attended the workshop on "Intellectual Property rights: Issues & challenges" on 21-july-2015 organised by Indira Gandhi national open university and Lucknow university, Lucknow.

7. FDP on "Perspective of modern teaching techniques & uses of case studies through experiential learning", IU, Lucknow, 22nd Aug, 2015.

8. Workshop on "Android Development with HTML 5 responsive template", IU, LKO. 24th Aug 2015.

9. Workshop on "Embedded System & Robotics", IU, Lucknow, 22nd September 2015.

10. Faculty Development program On "Data Science & Big Data Analytics", Integral University, Lucknow, 07th September 2015-11th September 2015.

11. Workshop on "Entrepreneurship options in the field of engineering and Pioneering Internet of things", IU, Lucknow, 25th January, 2016.

12. FDP on "Matlab", IU, Lucknow, 1st – 7th February 2016.

13. Faculty Development program On "Cloud Infrastructure & ServicesV2" organized by Department of Computer Science & Engineering, Integral University, Lucknow in association with EMC Center of Excellence from 21st July 2016 to 23rd July 2016.

14. Short Term Course on "How to teach Effectively" Organized by UGC Human Resource Development Center, Aligarh Muslim University, Aligarh . CALAM under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers Teaching (MHRD, Govt Of India) from 02 August 2016 to 08 August 2016.

15. Short Term Course on "Academic Leadership" Organized by UGC Human Resource Development Center, Aligarh Muslim University, Aligarh . CALAM under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers Teaching (MHRD, Govt Of India) from 11 January 2017 to 17 January 2017.

16. Workshop on "Python along with a mini project" organized by HRDC, Integral University, Lucknow and CSE department , Integral University ,Lucknow from 18th January 2017 and 19th January 2017 .

17. Short Term Course on "Tools for engineering Research through ICT" organized by National Institute of Technical Teacher Training & Research ,Chandigarh from 30th January 2017 to 03rd February 2017.

18. Short Term Course on "Training program on gender equality in academic leadership" Organized by UGC Human Resource Development Center, Aligarh Muslim University, Aligarh . CALAM under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers Teaching (MHRD, Govt Of India) from 06 July 2017 to 12 July 2017.

19. Short Term Course on "Climate change and disaster management through ICT" organized by National Institute of Technical Teacher Training & Research ,Chandigarh from 6th Nov 2017 to 10th Nov 2017.

20. FDP on "Xcel in Excel" organized by Department of CSE, Integral University, Lucknow from 22nd May 2018 to 28th May 2018.

21. Training program on "Academic leadership" Organized by UGC Human Resource Development Center, Aligarh Muslim University, Aligarh . CALAM under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers Teaching (MHRD, Govt Of India) from 14th August 2018 to 18th August 2018 at Integral University.

22. Short Term Course on "Project planning and execution through ICT" organized by National Institute of Technical Teacher Training & Research ,Chandigarh from 8th Oct 2018 to 12th Oct 2018.

23. One week professional development program on " Research methodology & quantitative techniques" organised by Faculty of Commerce & Management in association with IQAC, IU, Lucknow from 6th July 2019 to 11th July 2019.

24. One day national workshop on " Anti Plagiarism in research", organised by HRDC in collaboration with Faculty of Education & IPRMC, IU, Lucknow on 3rd August 2019.

25. A Symposium on " segregated waste disposal and management", organised by HRDC and Faculty of Pharmacy on 7 November 2019.

26. One week leadership development program conducted by Maxel leadership council from 6th Jan 2020 to 12 Jan 2020.

27. Online course on " Block chain and bit coin fundamentals", by Udemy , Completed on 10th August 2020.

28. Two day national workshop on "Curriculum Design" organised by ASSOCHAM Tamilnadu & Kerala chapters and Kumaraguru College of Technology on 29th & 31st October 2021.

29. Two week Professional development program on "Technology, Pedagogy & Research", organised by department of CSE, IU, from 25th November 2021 to 8th December 2021.

30. One week Short term course on " Free software and resources for technical education through ICT", conducted by Department of CSE and NITTTR, Chandigarh, from 21st March 2022 to 25th March 2022.

31. One day Faculty development program on "Quality Assurance and Accreditation" , organised by Jaipuria Institute of Management, Lucknow on 22nd November 2022.

32. Ten day FDP on "Bridging climate change and environmental Security: pathways to resilience" , organized by department of Environmental Science and The environmental & consumer protection foundation, New Delhi from 19 Sep 2023 to 29 Sep 2023.

33. Online course "Beginners masterclass on Internet of Things" , by Dr. Amit Rana on Udemy , 18 Oct 2023

34. Two week refresher course on" AI and current research", organised by HRDC Integral University, October 2023.

35. Two weeks Short term course on " HTML, CSS and Javascript", organized by Department of CSE in collaboration with Manyversity, from 2 Feb 2024 to 18 Feb 2024.

Conferences Organised

1. Organised International Conference ACEIT-2016 as Convener in Integral University, Lucknow on 12th march 2016.
2. Organised International Conference on "ICPAN" as session manager from 10th November to 12th November 2016 at Integral University.
3. Organised International Conference ACEIT-2018 as Editor in Integral University, Lucknow on 6 & 7th April 2018.

Events Organised

1. Coordinated the workshop on "StartXHack V1.0- Ethical Hacking & Cyber Security" on 21-sep-2013 to 22-sep-2013 at Integral University, Lucknow

2. Organised an Expert Lecture on "cloud computing" by Anurag Rastogi on 06th September 2016.

3. Organised an Expert Lecture on "Applications of AI" by Dr. N M Pindoritya on 03rd March 2017.

4. Organised an Expert Lecture on " Women and higher education in India" by Dr. Nishat Haider, on 26th August, 2017.

5. Organised an Expert Lecture on " Women Education and Society" by Dr. Jabeen Fatima, on 26th August, 2017.

6. Organised an Expert Lecture on " Women Education and Society" by Mrs. Anjali Singh, on 26th August, 2017.

7. Organised an Expert Lecture on " Time is now: rural and urban activists transforming women's lives" by Mrs. Azra Waseem, on 8th March 2018.

8. Organised an Expert Lecture on " Time is now: rural and urban activists transforming women's lives" by Dr. Jabeen Fatima, on 8th March 2018.

9. Organised an Expert Lecture on " Time is now: rural and urban activists transforming women's lives" by Dr. Saroj Srivastava, on 8th March 2018.

10. Organised an Expert Lecture on " Time is now: rural and urban activists transforming women's lives" by Dr. Rooprekha Verma, on 8th March 2018.

11. Organised 'Women's' Day" , 8th March 2018.

Certificate of Achievement

1. Certificate of achievement as jury member of UP Police Hackathon 2022.

2. Certificate of Appreciation as Session Speaker at " The 4th RMUTR & 3rd RICE/ Sus-LaB 4 International Conference" from 16 Aug 2023 to 18 Aug 2023, at Rajamangla University of technology Rattanakosin, Thailand.

3. Certificate of recognition as reviewer at the "International Conference on Data Acquisition Processing and Communication" held from 29 feb 2024 to 2 March 2024, Hyderabad, India.

4. Certificate of Appreciation as evaluator for the 2024 World University Rankings for Innovation (WURI24), issued on 7 June 2024.

The above information is true to the best of my knowledge and belief.

Place: Lucknow   **(Kavita Agrawal)**