

Prof. Chaudhary Wali Mohammad

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Prof. Chaudhary Wali Mohammad was born in Akrawat village, District Aligarh, U.P. in 1958. He passed his Higher Secondary School from U.P. Board Allahabad in 1974. In the same year, he joined Aligarh Muslim University (AMU), Aligarh as a P.U.C. student and passed the same in 1975. Prof. Chaudhary received B.Sc. (Hons.), M.Sc., M.Phil., and Ph.D., all degrees in Mathematics, from Department of Mathematics, Faculty of Science, AMU, Aligarh, in the year 1978, 1980, 1983 and 1986, respectively.

After completion of Ph.D. in Mathematics, Prof. Chaudhary joined Jamia Millia Islamia (JMI), New Delhi-25, on October 1, 1986, as a Lecturer (Contractual) in Mathematics and become permanent faculty as a Lecturer (Mathematics) on February 9, 1989, in Faculty of Engineering and Technology, JMI, New Delhi-25. Prof. Chaudhary promoted as a Reader (Mathematics) in 1999; and became full Professor on February 9, 2007. He worked as Head of the Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, JMI, New Delhi since December 5, 2014 to December 4, 2017.

Prof. Chaudhary has supervised a total of fifteen Ph.D. Thesis, of which nine

Ph.D. Thesis in the area of Applied Mathematics, and six in the area of Computer Science. His areas of interest are Multiple Hypergeometric Functions, Integral Transforms, Fractional Calculus, Data Structure and Algorithms, Graph Theory, Multi-Criteria Decision Making (MCDM) algorithms and their applications to Software Engineering. After teaching different papers at B. Tech./ M. Tech. and M.Sc. level namely Numerical Analysis and Computer Programming, Computational methods and Computer Programming, Numeric and Scientific Computing, Data Structure and Computer Programming, Prof. Chaudhary gets motivated to work in the area of Computer Science and Technology.

Prof. Chaudhary has more than fifty research papers to his credit, published in journals of international repute. He has delivered several talks in the area of Applied Mathematics and, Computer Science and Technology at National Academy of Science, Allahabad; Jiwaji University, Gwalior, M.P.; Thapar University, Patiala (Punjab); Dr. Ram Manohar Lohia Avadh University, Faizabad, U.P.; Government College Jhalawar, Rajasthan; Amity University, Noida, U.P. and Integral University Lucknow, U.P. Prof. Chaudhary has also organized an International Conference on Special Functions and their Applications; and Symposium on Applications of Mathematical Sciences in Engineering Problems, September 9-11, 2016 at Department of Applied Sciences and Humanities, JMI, New Delhi-110025, India.

Professional Experience:

Designation	From	To
PROFESSOR	09.02.2007	TILL DATE
READER	09.02.1999	08.02.2007
LECTURER SENIOR SCALE	09.02.1994	08.02.1999
LECTURER	09.02.1989	08.02.1994

Academic/Administrative Responsibilities:

Position	University/Faculty/Department/Centre level	From	To
Head	Department of Applied Sciences and Humanities	05.12.2014	04.12.2017
Assistant Procter	Jamia Millia Islamia	20.07.2006	24.12.2008
Assistant Professor	Yanbu Industrial College, Yanbu, Kingdom of Saudi Arabia (KSA)	12.09.1999	30.06.2004
Senior Warden	SRK Hotel	18.07.1997	05.09.1998
Warden	Pink House, SRK Hotel	19.01.1995	18.07.1997

Academic Qualifications:

Examination	Board / University	Year	Subjects
Ph.D.	AMU	1986	Mathematics
M.Phil.	AMU	1983	Mathematics
M.Sc.	AMU	1980	Mathematics
B.Sc.	AMU	1978	Mathematics, Economics, Geography
P.U.C.	AMU	1975	Mathematics, Economics, Geography, English
High school	U.P. Board	1974	Hindi, English, Sanskrit Economics, Mathematics

**Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as
Chairman/ Organizing Secretary/ Convener / Co-Convener)**

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
ICSFA-2016	International	09.09.16- to 11.09.16	Convener	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, JMI, New Delhi
Lecture Series on “Algorithmic Optimization, Scientific Computation and their Applications in Science and Technology”	Local	08.02.15- to 09.02.15	Head	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia

Details of Faculty Development/Skill enhancement/Orientation/Refresher Course attended:

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Short term course "AUTO-CAD"	DIT, New Delhi	20.09.1993 to 24.09.1993	
Summer course	DIT, New Delhi	11.04.1994 to 23.04.1994	
Short term course	IDDC, IIT, New Delhi	03.06.1996 to 07.06.1996	
Refresher course in Mathematics	CPD, Delhi University	29.04.1999 to 19.05.1999	
Refresher course in Mathematics	ASC, JMI	30.12.2004 to 19.01.2005	

Membership of Learned Societies:

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Name of organization	Membership No. with date
Life Member	I.S.T.E. (AICTE Delhi)	
Life Member	Indian Society of Mathematics and Mathematical Sciences, Gorakhpur	
Life Member	Rajasthan Ganita Parishad, Ajmer	
Life Member	Rajasthan Academy of Physical	

	Sciences, Jaipur	
Founder and Life Member	Society of Special Functions and their Applications, AMU, Aligarh	
Founder and Life Member	Indian Society of Industrial and Applied Mathematics, Aligarh	
Life Member	Indian Society of Information Theory and Applications, New Delhi	

Workshops/Seminars and Symposia attended:

- 1) Workshop on “Sustainable Development” Organized by Department of Civil Engineering, Faculty of Engineering and Technology, held at Faculty Auditorium, Jamia Millia Islamia, New Delhi, on March 10, 2006.
- 2) National Conference on “Advances in Mechanical Engineering” (AIME-2006) Organized by Department of Mechanical Engineering, Faculty of Engineering and Technology, held at Faculty Auditorium, Jamia Millia Islamia, New Delhi, on January 20-21, 2006.
- 3) Workshop on Special functions and their Applications, conducted by the Society of Special Functions and their Applications (SSFA), Jaunpur, U.P., June 6-8, 2005.
- 4) Conference on “Fourier Analysis, Approximation Theory and their Applications” held at Department of Mathematics, AMU, Aligarh, U.P., September 6-9, 1993.
- 5) Annual Conference of the Indian Mathematical Society held at Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, Gujrat, February 5-

8, 1985.

- 6) Annual Conference of the Indian Mathematical Society held at I.I.T., Madras, India, December 27-29, 1983.

Conferences attended/Papers presented:

- 1) General Theorem and Gaussian Hypergeometric Transformations of Higher Order. Presented in Symposium on Special Functions and their Applications in Engineering Sciences, held at Department of Mathematics, Malviya National Institute of Technology, Jaipur, Rajasthan, December 15-16, 2007.
- 2) Extended Values of Ramanujan's Tau Function. Presented at International Conference on Special Functions and their Applications, held at St. Thomas College, Pala, Kottayam, Kerala, May 18-20, 2007.
- 3) Multiple Series Identity and Multivariate Gaussian Hypergeometric Transformations. Presented at International Conference on Special Functions and their Applications (SSFA), held at Department of Mathematics, University of Pune, Pune, Maharashtra, February 21-23, 2006.
- 4) General Series Identity and Hypergeometric Transformations Involving Unit and Quarter Arguments. Presented at the Conference on Contribution of Mathematics in Technological Development, held at Department of Applied Sciences and Humanities, Institute of Technology and Management, Gurgaon, Haryana, May 4, 2006.
- 5) Unilateral and Bilateral Generating Function for Hypergeometric Polynomials. Presented at 8th Annual Conference on Special Functions and their Applications (SSFA), held at Kaushilya Mahavidhalaya, Mariyahun, Jaunpur, U.P., June 4-5, 2005.

- 6) New Generating Functions for Exton's Quadruple Series. Presented at International Conference on Industrial and Applied Mathematics, held at India International Centre and Organized and Jamia Millia Islamia, New Delhi, December 4-6, 2004.
- 7) Generating Functions for Generalized Hypergeometric Polynomial. Presented at National Conference on Mathematical Analysis and Differential Equations (NCMADE), held at Department of Mathematics and Statistics, Jai Narayan Vyas University, Jodhpur, Rajasthan, November 17-19, 1997.
- 8) Bilinear and Bilateral Generating Functions of Generalised Polynomials. Presented at 4th International Conference of Indian Society of Industrial and Applied Mathematics (ISIAM), held at Department of Mathematics, Jamia Millia Islamia, New Delhi, April 6-8, 1996.
- 9) Generating Functions for Exton's Quadruple Series. Presented at National Conference on Lie Groups and their Applications, held at Department of Mathematics, (DSA & COSIST), A.M.U., Aligarh, U.P., May 1-4, 1995.
- 10) Some Bilinear and Bilateral Generating Functions. Presented at 51th Annual Conference of Indian Mathematical Society, held at Kochin, Kerala, December 28-30, 1985.

Invited Talks:

- 1) Delivered invited talk on "Fractional Differentiation and Fractional Integration of Fox-Wright Generalized Hypergeometric functions and their applications" in International Conference on Algebra and Applied Analysis (ICAAA-2018) Organized by Department of Mathematics, Integral University Lucknow,- 226026, U.P., India, August 09-11, 2018.

- 2) Delivered invited talk on the topic entitled “Analytic Solution of Incomplete Elliptic Integrals” in International Conference on Special Functions and their Applications, held at Department of Mathematics, Amity Institute of Applied Sciences, Amity University, Noida, U.P., September 10-12, 2015.
- 3) Delivered invited talk on the topic entitled “Double and Triple Generating Functions of Certain Polynomials of Two and Three Variables” in International Conference on Special Functions and their Applications, held at School of Mathematics, Thapar University, Patiala, Punjab, October 16-18, 2014.
- 4) Delivered invited talk on the topic entitled “New Bilinear and Bilateral Generating Relations Associated with Hypergeometric Polynomials” in Workshop on Emerging Trends in Ramanujan Mathematics and its Applications in the field of q- Hypergeometric Series, held at National Academy of Science, India, Allahabad, U.P., December 22-24, 2012.
- 5) Delivered invited talk on the topic entitled “Solutions of Incomplete Elliptic Integrals of Ramanujan and their Applications” in the 22nd Annual Conference of Rajasthan Ganita Parishad, held at Department of Mathematics, Govt. College, Jhalawar, Rajasthan, March 5-6 2011.
- 6) Delivered invited talk on the topic entitled “Some Applications of Celebrated Master Theorem of Ramanujan” in the 8th National Conference on Multidisciplinary Applications of Mathematical Sciences, held at Gorakhpur, U.P., February 19-20, 2011.
- 7) Delivered invited talk on the topic entitled “Bilinear and Bilateral Generating Functions Associated with Hypergeometric Polynomials” in the International Conference on Special Functions and their Applications in Science and Engineering, held at Department of Allied Sciences and Engineering, R.J.I.T.,

B.S.F. Academy, Tekanpur, Gwalior, M.P., December 8-10, 2011.

- 8) Delivered invited talk on the topic entitled “A General Theorem on Multiple Series Identity and Hypergeometric Transformations with Unit and Quarter Arguments” in the National Conference on Special Functions and their Applications, held at School of Mathematics and Allied Sciences, Jiwaji University, Gwalior, M.P., June 21-23, 2010.
- 9) Delivered invited talk on the topic entitled “Analytical Solution of Some Incomplete Elliptic Integrals of Ramanujan, their Generalizations and Applications” in the National Seminar on Current Trends in Mathematics with Special Focus on Operations Research and Computers, held at Department of Mathematics and Statistics, Dr. Ram Manohar Lohia Avadh University, Faizabad, U.P., March 28-29, 2010.

Details of Ph.D. Students guided/enrolled:

#	Name of the Ph.D. Student	Title of Thesis	Role	Year	Awarded / Enrolment
1	Dr. Kaleem Ahmed Quraishi	Identification of New Theoretical Developments in Multiple Gaussian Hypergeometric Functions	Supervisor	2011	Awarded
2	Dr. Mahendra Pal Chaudhary	On Certain Aspects of Generalized Special Functions and Integral Operators	Supervisor	2011	Awarded
3	Dr. Ram Pal	Generating Function and Expansions of Generalized Special Functions	Supervisor	2012	Awarded

4	Dr. M. S. Baboo	Exact Solutions of Outstanding Problems and Novel Proofs Through Hypergeometric Approach	Co-supervisor	2017	Awarded
5	Dr. Intizar Hussain	On Certain aspects of new theoretical development in hypergeometric function	Supervisor	2018	Awarded
6	Shabana Khan	Generating Functions and Expansions of Multi-Variate Gaussian Hypergeometric Functions	Supervisor	2019	Awarded
7	Mohd. Shahid	Applications of Graph Theory in Software Engineering	Supervisor	2014	Awarded
8	Shadab Khan	An Investigation into MCDM Algorithms for the Selection of Software's Requirements	Supervisor	2015	Awarded
9	Ashfaq Ahmad	Application of Hypergeometric Approach to Identify Solutions of Important Problems	Co-supervisor	2016	Awarded
10	Javed Ahmad	An Investigation into Fuzzy Logic Driven Software Security Requirements Elicitation Techniques	Supervisor	2016	Awarded
11	Mohd. Arif	Fuzzy Logic Driven Software Requirements Modeling and Design	Supervisor	2017	Completed
12	Mohd. Kashif Khan	Elucidation on Generating Functions and Transformations of Generalized Hypergeometric Functions	Supervisor	2017	Awarded
13	Tanveer Hassan	Social Network and recommendation system based software requirement	Supervisor	2018	Submitted

		elicitation and prioritization			
14	Mohd Nazim	Soft Computing Techniques for the Selection of Software Requirements	Supervisor	2019	Submitted
15	Jahan Ara	Contribution to the study of hypergeometric functions with applications	Supervisor	2019	Submitted

List of Publications (National /International Journals in the Field of Applied Mathematics and Computer Science)

- 1) **Chaudhary Wali Mohd.** and Jahan Ara; On Certain Linear, Bilinear and Bilateral Hypergeometric relations, International Journal of Applied and Computational Mathematics Brazil, February 2023, (in press).
- 2) **Chaudhary Wali Mohd.**; Jahan Ara and M. I. Qureshi; On Some New Generating Functions of Hypergeometric Polynomials, South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 18, No 3, pp. 319-338, 2022.
- 3) **Chaudhary Wali Mohd.**; Jahan Ara and M. I. Qureshi; Bilinear and Bilateral Generating Relations of Generalized Hypergeometric Polynomials, Journal of Rajasthan Academy of Physical Sciences, Vol 21, No. 1 & 2, pp. 33-44, 2022.
- 4) Qureshi, M. I., **Chaudhary, Wali Mohd.** and Khan, M. Kashif; Some Transformations for Goursat's Function $2F_2[2x]$, South East Asian J. of Mathematics and Mathematical Sciences, 18(1) (2022), 179-190.
- 5) Nazim M., Hassan T., **Mohammad C.W.** and Sadiq M.; “ An Integrated Method for the Selection of Software Requirements Using Fuzzy TOPSIS and Genetic Algorithm, International Journal of Innovative Science and Research Technology, Vol.7, Issues 9, September, 2022.

- 6) Mohd. Nazim, Tanveer Hassan, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “An Integrated Method for the Selection of Software Requirements Using Fuzzy TOPSIS and Genetic Algorithm”, *International Journal of Innovative Science and Research Technology*, Vol. 7, No. 9, pp. 1-8, 2022.
- 7) Mohd. Nazim, Mohd. Arif, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “Generating Large Dataset for Software Requirements Prioritization and Selection under Fuzzy Environment”, *Journal of Information and Optimization Sciences*, Taylor and Francis and Taru Publications, ESCI Indexed Journal (Accepted, in press)
- 8) Mohd. Nazim, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “Fuzzy-Based Methods for the Selection and Prioritization of Software Requirements: A Systematic Literature Review”, Bhateja, V., Tang, J., Satapathy, S.C., Peer, P., Das, R. (eds) *Evolution in Computational Intelligence. Smart Innovation, Systems and Technologies*, Springer, Singapore, Vol. 267, pp. 115-129, 2022. Scopus Indexed.
- 9) Mohd. Nazim, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “A comparison between fuzzy AHP and fuzzy TOPSIS methods to software requirements selection”, *Alexandria Engineering Journal*, Vol. 61, No. 12, pp. 10851-10870, 2022.
- 10) Mohd. Arif, Tanveer Hassan, **Chaudhary Wali Mohammad**, Azra Parveen, and Mohd. Sadiq; “A Method for Designing the Requirements of a System using patterns under Fuzzy Environment”, 3rd International Conference on Innovations in Computational Intelligence and Computer Vision, November 24-25, 2022, Jaipur India, Springer’s Book Lecture Notes in Networks and Systems, ISSN: 2367-3370, Scopus Indexed Book Chapter, (Accepted).
- 11) Mohd. Arif, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “UML and NFR-Framework Based Method for the Analysis of the Requirements of an Information System”, *International Journal of Information Technology*, Springer, pp. 1-12, October 2022, Scopus Indexed Journal.

- 12) Mohd. Arif, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “Software Requirements Modeling from a Selected Set of Requirements using Fuzzy Based Approach”, ECTI Transactions on Computer and Information Technology, Vol. 16, No. 2, pp. 152-164, June 2022, Scopus Indexed Journal.
- 13) Hassan T., **Mohammad C.W.** and Sadiq M.; “A Recommender System for Elicitation and Prioritization of Software Requirements with Incomplete Preference Relations” IEEE Transactions on Engineering Management (Communicated in December 2022).
- 14) Hassan T., **Mohammad C.W.** and Sadiq M.; “Using Social Networks and Fuzzy Set Theory for Elicitation and Prioritization of Software Requirements, International Journal of Computer Theory and Engineering”, Scopus Indexed Journal, Vol. 14, No. 3, pp. 126-134, 2022.
- 15) Mohd. Sadiq , V. Susheela Devi, Javed Ahmad, and **Chaudhary Wali Mohammad**; “Fuzzy logic driven security requirements engineering process”, Journal of Information & Optimization Sciences, Taylor & Francis (Accepted) 2021.
- 16) Mohd Nazim, **Chaudhary Wali Mohammad**, and Mohd Sadiq; Analysis of fuzzy AHP and fuzzy TOPSIS methods for the prioritization of the software requirements”, as a Book Chapter in a Book Series on Studies in Systems, Decision, and Control: Multiple Criteria Decision Making-Techniques, Analysis, an Applications, (Edited by Anand J Kulkarni) Springer, pp. 1-12, 2021 (Accepted, in press).
- 17) M. I. Qureshi, **Chaudhary Wali Mohd.** and M. Kashif Khan; “Certain General Double-Series Identities With Their Applications”, Jnanabha, Vol. 48 (I) (2021),
- 18) Javed Ahmad, Mohd. Sadiq and **Chaudhary Wali Mohammad**; “Elicitation of Security Requirements from the Selected Set of Functional Requirements using Fuzzy Based Approach”, Journal of Engineering Technology.

- 19) Javed Ahmad, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “On Software Security Requirements Elicitation and Analysis Methods”, Information Technology in Industry, Vol. 9, No. 1, pp. 1-13, May 2021, Web of Science (An Emerging Source Citation Index) Journal.
- 20) Javed Ahmad, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “Identification of Security Requirements from the Selected Set of Requirements under Fuzzy Environment”, IEEE, International Conference on Computing, Communication, and Intelligent Systems, pp. 58-63, 2021
- 21) Javed Ahmad, **Chaudhary Wali Mohammad**, and Mohd. Sadiq; “Generation of One-Time Password for the Authentication of Software Requirements using Secure Hash Algorithms”, Springer, International Conference on Recent Trends in Computing, 2021 (In Press)
- 22) **Chaudhary Wali Mohd.**, M. I. Qureshi and M. Kashif Khan; Certain General Double Series Identities with their Applications, Jñānābha, Vol. 51(2),pp 102-112, 2021.
- 23) Sadiq M., **Mohammad C. W.**, Khan S.; “Methods for the Selection of Software Requirements: A Literature Review”, Journal of Engineering Technology, Vol 08, pp. 108-128, 2019
- 24) Qureshi, M. I., Quraishi, K. A.; **Chaudhary, Wali Mohd.** And Khan, M. Kashif; Double Series Identity, Gaussian Quadratic Transformation and its Consequences, J. Comput. Math. Sci., 9(12) (2018), 2127-2137.
- 25) M. Sadiq, S.Khan and **C.W. Mohammad**; “Software Requirements Selection using Consistent Pairwise Comparison Matrices of AHP”, International Journal of Computer Sciences and Engineerin, Vol. 06, Issue 09, pp. 168-175, 2018
- 26) **Chaudhary Wali Mohammad**, Mohd Shahid, and Syed Zeeshan Husain; “Fuzzy Attributed Goal Oriented Software Requirements Analysis with Multiple Stakeholders”, Springer-International Journal of Information Technology, Volume 2, January, 2018.
- 27) Syed Zeeshan Hussain, Mohd Shahid, and **Chaudhary, Wali Mohammad**; “Selection of Software Requirements using Decision Tree during Software Development Process”,

International Journal of Engineering Research and Application, Volume 7, Issue 9, pp 71-77, 2017.

- 28) **Chaudhary, Wali Mohd.**, Qureshi, M. I., Quraishi, Deepak Kumar kabra and Shabana Khan; “Some bilinear generating Relation involving Classical Hermite Polynomial via Mehler’s Formula” South East Asian J. of Math, & MathScience Volume 13, No. 2, 2017, pp 27-36, 2017.
- 29) Srivastava, H. M., Qureshi, M. I., **Chaudhary, Wali Mohd.** and Baboo, M. S.; Some Summation and Laplace Transformation Formulas for the Gauss Hypergeometric Series, Advanced Studies in Contemporary Mathematics, 26 (1), 11-20, 2016.
- 30) Qureshi, M. I., **Chaudhary, Wali Mohd.**, Chaudhary, M. P., Quraishi, Kaleem A. and Khan, I. H.; Analytical Solutions of incomplete elliptic integrals motivated by the work of Ramanujan, Malaya J. Matematik, 2 (4), 376-391, 2014.
- 31) Qureshi, M. I., **Chaudhary, Wali Mohd.**, Quraishi, Kaleem A. and Pal, Ram; A General Theorem on Laplace Transform and its Applications, International Journal of Mathematical Archive, 2(3), 393-398, 2011.
- 32) **Chaudhary, Wali Mohd.**, Qureshi, M. I., Quraishi, Kaleem A. and Pal, Ram; On Ramanujan’s Generating Relation for Tau Function, Global Journal of Science Frontier Research, 11(2), 9-14, 2011.
- 33) **Chaudhary, Wali Mohd.**, Qureshi, M. I., Quraishi, Kaleem A. and Pal, Ram; Some Bilinear and Bilateral Hypergeometric Generating Relations, Journal of Ramanujan Society of Mathematics and Mathematical Sciences, 3(2), 39-54, 2014.
- 34) **Chaudhary, Wali Mohd.**, Qureshi, M. I. and Khan, Izharul H.; On some transformations involving unit and quarter arguments, Global Journal of Science Frontier Research, 11(5), 29-37, 2011.
- 35) Qureshi, M. I., **Chaudhary, Wali Mohd.**, and Quraishi, Kaleem A.; Some results involving

- Exton's generalized Horn G- function, Journal of Rajasthan Academy of Physical Sciences, Vol. 9(2), pp. 113-116, 2010.
- 36) **Chaudhary, Wali Mohd.**, Qureshi, M. I., Quraishi, Kaleem A. and Chaudhary, M.P.; Some Multiple Hypergeometric Transformations, International Transactions in Mathematical Sciences and Computer, 3(1), 167-172, 2010.
- 37) **Chaudhary, W. M.**, Qureshi, M. I., Chaudhary, M. P. and Quraishi, Kaleem A.; Some transformations relating hypergeometric functions of Exton and Kampe de Fariet, South East Asian J. Math. & Math. Sc., Vol. 9(1), pp. 95-101, 2010.
- 38) **Chaudhary, Wali Mohd**, Qureshi, M. I. and Khan, Izharul H.; Multiple series identity and multivariate Gaussian hypergeometric transformations, South East Asian J. Math. & Math. Sc., Vol. 8(1), pp. 123-130, 2009.
- 39) Qureshi, M. I., Khan, Izharul H. and **Chaudhary, Wali Mohd.**; Extended values of Ramanujan's Tau function, South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 6, No. 2, pp. 125-129, 2008.
- 40) **Chaudhary, Wali Mohd.**; Some transformations of multiple hypergeometric functions, South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 5, No. 2, pp. 99-106, 2007.
- 41) **Chaudhary, Wali Mohd.**; Generating functions for hypergeometric and Voigt functions, Journal of Rajasthan Academy of Physical Sciences, Vol. 6(3), pp. 255-260, 2007.
- 42) Qureshi, M. I., **Mohd., Chaudhary Wali** and Khan, M. Sadiq; Multiplication formulae associated with Exton's quadruple hypergeometric functions. South East Asian Journal of Mathematics and Mathematical Sciences, Vol.4, No.3, pp.67-72, 2006.
- 43) Qureshi, M. I., **Mohd., Chaudhary Wali** and Azad, S. Ismail; A systematic new hypergeometric proof of strange and unusual identity of Lyons, Paule and Riese, Journal of Rajasthan Academy of Physical Sciences, Vol. 5, No.4, pp.431-436, 2006.

- 44) **Mohd., Chaudhary Wali** and Qureshi, M. I.; Hypergeometric transformations relating Lauricella's $F(n)$, $F(n)$ and Exton's $(k)H(n)$ functions. Journal of Rajasthan Academy AC4 of Physical Sciences, Vol. 5, No.3, pp.333-338, 2006.
- 45) **Chaudhary, Wali Mohd.**, Qureshi, M. I. and Bhadana, K. G.; Generating functions and recurrence relations associated with Exton's triple hypergeometric functions. Ganita Sandesh, A Research Journal of Rajasthan Ganita Parishad, Vol.20, No.2, pp.179-188, 2006.
- 46) **Chaudhary, Wali Mohd.** and Qureshi, M. I.; Generating relations associated with Exton's quadruple hypergeometric functions. South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 5, No. 1, pp.81-90, 2006.
- 47) **Chaudhary, Wali Mohd.**; Bilinear and bilateral generating functions of generalised polynomials, J. Austral. Math. Soc., Ser. B, Vol. 39, pp.257-270, 1997.
- 48) **Chaudhary, Wali Mohd.**, and Qureshi, M. I.; Expansion formulae for general triple hypergeometric series. J. Austral. Math. Soc. Ser. B, Vol. 27, pp. 376-385, 1986.
- 49) Qureshi, M. I. and **Chaudhary, Wali Mohd.**; On a transformation of Kampe de Fariet's double hypergeometric function. Math. Chronicle, Vol. 14, pp. 49-53, 1985.
- 50) **Chaudhary, Wali Mohd.**, Qureshi, M. I. and Pathan, M. A.; New generating functions for hypergeometric polynomials. Indian J. pure appl. Math., Vol. 16 (2), pp. 157-164, 1985.

Publications in International Conferences:

- 1) Mohd Arif, **Chaudhary Wali Mohammad**, and Mohd. Sadiq," Modeling of selected set of software requirements using UML class diagrams", 17 IEEE India Council International conference 2020, organized by Netaji Subhas University of Technology, New Delhi.
- 2) Tanveer Hassan , **Chaudhary Wali Mohammad**, and Mohd. Sadiq, "StakeSoNet: Analysis of Stakeholders Using Social Networks", 17 IEEE India Council International conference 2020, organized by Netaji Subhas University of Technology, New Delhi.

- 3) Mohd Arif, **Chaudhary Wali Mohammad**, and Mohd. Sadiq “Software Requirements Modeling: A Systematic Literature Review”, IEEE International Conference on Computing, Power and Communication Technologies 2020, (Financially Sponsored by IEEE Industry Applications Society USA) and organized by Galgotias University, Greater Noida, UP, India,
- 4) Mohd Nazim, **Chaudhary Wali Mohammad**, and Mohd. Sadiq “Generating Datasets for Software Requirements Prioritization Research”, IEEE International Conference on Computing, Power and Communication Technologies 2020, (Financially Sponsored by IEEE Industry Applications Society USA) and organized by Galgotias University, Greater Noida, UP, India,
- 5) Shadab Khan, **Chaudhary Wali Mohammad**, and Mohd. Sadiq, “Generating Patterns and Sub-Patterns of Pairwise Comparison Matrices for the Selection of Software Requirements” IEEE International Conference on Advances in Computing, Communication, Control, and Networking, 2018, Organized by the Galgotias College of Engineering and Technology, Greater Noida, UP, India.
- 6) **Chaudhary Wali Mohammad**, Shadab Khan, and Mohd. Sadiq “ Software Requirements Selection using Different Patterns of Pairwise Comparison Matrices of Analytic Hierarchy Process”, 2nd International Conference on Communication and Computing Systems, Taylor and Francis, December, 2018, Organized by Dronacharya College of Engineering, Gurgaon, India.
- 7) Mohd. Sadiq, **Chaudhary Wali Mohammad**, and Shadab Khan, “Software Requirements Selection using Consistent Pairwise Comparison Matrices of AHP”, International Journal of Computer Sciences and Engineering, Vol.-6, Issue-9, pp. 168-175, September, 2018.
- 8) Sadiq, M., Khan, S., & **Mohammad, C. W.** (2022). Selection of software requirements using TOPSIS under fuzzy environment. International Journal of Computers and Applications, 44(6), 503-512.

- 9) Hassan T., **Mohammad C.W.** and Sadiq M., “StakePage: Analysis of Stakeholders of an Information System using Page Rank Algorithm”, 10th International Conference on Recent Trends in Computing, Shri Ram Murti Smarak Science of Information and Technology, Delhi-NCR Campus, Ghaziabad, 3-4 June, 2022 .
- 10) Qureshi, M. I., Mohd., **Chaudhary, Wali Mohd** and Khan, Izharul H.; General Series Identity and Hypergeometric Transformations Involving Unit and Quarter Arguments. Proceedings of the conference on “Contribution of Mathematics in Technological Development”, in the memory of Great Indian Mathematician Srinivasa Ramanujan, Organized by the Department of Applied Sciences and Humanities, Institute of Technology and Management (ITM), Sector-23 A, Gurgaon, Haryana, India, pp.180- 191, May 4, 2006.
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