

CURRICULUM VITAE



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Educational Qualification

Qualification	Institute Name	Completion Date
Ph.D.	Indian Institute of Technology Roorkee	November 5, 2014
M.Phil.	University of Rajasthan, Jaipur	2009
M.Sc.	University of Rajasthan, Jaipur	2008
B.Sc.	Maharaja's college, Jaipur	2006
12 th	JEMS India Sr. Sec. School, Mahesh Nagar Ext., Jaipur	2003
10 th	Govt. Sec. School, Gopal Pura Devri, Jaipur	2001

Awards and Recognitions

CSIR-NET		June, 2013
RPSC-SET		2012
GATE	AIR-155	2010

Responsibilities Hold

1	Member of Faculty of Applied Science of RTU, Kota
2	Member of Board of Studies of Applied Science of RTU, Kota
3	Proctor
4	OCTT of B. Tech. first year
5	Member of Library committee

Conference/Workshop/FDP organized

1.	Coordinate One week RTU(ATU), TEQIP-III online FDP on Statistical Learning-Based Internet of Things (IoT) at Anand International College of Engineering, Jaipur, during March 10-14, 2021.
2.	Coordinate Ten days RTU(ATU), TEQIP-III Student Workshop on Engineering Mathematics-I at Poornima Institute of Engineering & Technology, Jaipur, during January 27- February 05, 2021.
3.	Coordinate five day RTU(ATU), TEQIP-III Workshop on Research Methodologies & Data Analysis at Arya Institute of Engineering & Technology, Jaipur, during January 05-09, 2021.
4.	Coordinate three day RTU(ATU), TEQIP-III FDP on Latent Mathematics in Sanskrit Context at Poornima College of Engineering, Jaipur, during September 28-30, 2020.
5.	Coordinate five day RTU(ATU), TEQIP-III FDP on Applications of Mathematical Sciences in

	Engineering and Technology(AMSET) at SKIT, Jaipur, during September 23-27, 2020.
6.	Coordinate five day RTU(ATU), TEQIP-III FDP on Technology & Innovation in Math Education at Anand International College of Engineering, Jaipur, during September 14-18, 2020.
7.	Coordinate One day UD, TEQIP-III Webinar on An Introduction to Hydrodynamic Stability Analysis at HEAS (Mathematics) Department, University Departments, Rajasthan Technical University, Kota, on September 06, 2020.
8.	Chaired a session in the Congress on Intelligent Systems organized by Soft Computing Research Society, during September 05-06, 2020.
9.	Coordinate One day UD, TEQIP-III Webinar on Application of Orthogonal Polynomials in Science and Engineering at HEAS (Mathematics) Department, University Departments, Rajasthan Technical University, Kota, on September 02, 2020.
10.	Coordinate three days TEQIP-III FDP on Applications of Mathematical Modelling in Science and Engineering at Vivekananda Institute of Technology, Jaipur, during July 25-27, 2020.
11.	Coordinate three days TEQIP-III FDP on Interdisciplinary Outlook in Engineering Sciences at Vivekananda Institute of Technology, Jaipur, during September 26-28, 2019.
12.	Coordinate One Week TEQIP-III FDP on Mathematical Modelling and Optimization of Industrial Problems at Jaipur Engineering College and Research Centre, Jaipur, during May 1-5, 2018.

Workshops/Summer School/FDP attended

1.	5 days Online Faculty Development Programme on Waste Technology organized by AICTE Training and Learning (ATAL) Academy, New- Delhi, during January 11-15, 2022.
2.	10 days Online Faculty Development Programme on Recent Advances in Artificial Intelligence, Machine Learning and Soft Computing organized by NIT Warangal and the NorthCap University, Gurugram, Haryana, during December 01-10, 2021.
3.	15 days Online Professional Training on Pedagogy and Modern Technology Tools organized by IEEE Delhi Section Antennas & Propagation Society Chapter Jaipur in association with IEEE Rajasthan Subsection, Government Women Engineering College, Ajmer and IEEE Student Branch, GWEC Ajmer, during September 06-20, 2021.
4.	Instructional School for Teachers on Geometry of Complex Functions organized by Indira Gandhi National Tribal University (IGNTU), Amarkantak, MP, during July 14-August 08, 2021.
5.	Two week Online workshop on Tools and Techniques in Statistical Analysis organized by Acharya Narendra Dev College, University of Delhi, under the aegis of DBT STAR College Scheme, during April 6-19, 2021.
6.	Eight module courses of NITTT prescribed by AICTE (completed on March 23, 2021)
7.	Two week Online Professional Training Program on Pedagogy Techniques and Emerging Trends organized by Department of Ceramic Engineering & Technology, UCET-Bikaner, during March 1-10, 2021.
8.	Instructional School for Teachers on Linear Algebra organized by National Institute of Technology Arunachal Pradesh, during February 20-March 28, 2021.
9.	Two week online workshop on Advanced Engineering Mathematics-I organized by Rajasthan Technical University, Kota & Vivekananda Institute of Technology, Jaipur, during January 11-21, 2021.
10.	Twelve Week course on Integral and Vector Calculus organized by NPTEL, during Jan-Apr 2020.
11.	Online workshop on Universal Human Value on the theme Inculcating Universal Human Values in Technical Education organized by All India Council for Technical Education (AICTE), during

	October 26-30, 2020.
12.	Faculty development programme on Applications of Optimization Techniques in Science and Engineering organized by Rajasthan Technical University, Kota & B K Birla Institute of Engineering & Technology, Pilani (Rajasthan), during August 23-27, 2020.
13.	Faculty development programme on Manufacturing and Recyclization of Engineering Materials Cement, Glass and Ceramics (Self-reliant India) (MRCGC2020) organized by Rajasthan Technical University, Kota & Swami Keshavanand Institute of Technology, Management & Gramothan Ramnagar, Jaipur, during August 10-14, 2020.
14.	Five week an online non-credit course on Introduction to Calculus authorized by University of Sydney and offered through Coursera, on June 10, 2020.
15.	Faculty development programme on Outcome Based Curriculum organized by Curriculum Development Centre Department, NITTTR, Chandigarh, during May 25-29, 2020.
16.	Faculty development programme on Modeling and Simulation using MATLAB organized by Mechanical Engineering Department, NITTTR, Chandigarh, during May 18-22, 2020.
17.	Five week an online non-credit course on Mathematics for Machine Learning: Linear Algebra authorized by Imperial College London and offered through Coursera, on May 29, 2020.
18.	Eight week an online non-credit course on Introduction to Complex Analysis authorized by Wesleyan University and offered through Coursera, on May 18, 2020.
19.	Faculty development programme on NBA Accreditation of Engineering Programs organized by Mechanical Engineering Department, NITTTR, Chandigarh, during May 11-15, 2020.
20.	Faculty development programme on Teaching and Learning for Accrediation in Technical Education organized by Electrical Engineering Department, NITTTR, Chandigarh, during April 27 to May 1, 2020.
21.	Faculty development programme on Preparation for NBA Accreditation organized by RTU Kota, during July 3-5, 2019.
22.	Instructional School for Teachers on Field and Algebraic Number Theory organized by Indian Institute of Technology Mandi, during June 4-16, 2018.
23.	Short term course on Soft Computing techniques using MATLAB through ICT organized by Department of Electrical Engineering, RTU, Kota, Rajasthan, during March 05-09, 2018.
24.	Short term course on MATLAB & LABVIEW with its Hardware Interface through ICT organized by Department of Electrical Engineering, RTU, Kota, Rajasthan, during January 29 to February 02, 2018.
25.	Short term course on Modeling & Simulation using MATLAB through ICT organized by Department of Mechanical Engineering, RTU, Kota, Rajasthan, during January 22-26, 2018.
26.	Short term course on Product Design & Development through ICT organized by Department of Mechanical Engineering, RTU, Kota, Rajasthan, during November 06-10, 2017.
27.	Workshop on Recent Trends in Digital Image Processing & Computer Vision organized by Rajasthan Technical University Kota, Rajasthan, during January 18-22, 2017.
28.	Short term course on Advance Trends in Reliability Solution for Engineering Applications organized by Rajasthan Technical University Kota, Rajasthan, during December 17-21, 2016.
29.	Instructional School for Teachers on Fourier Analysis organized by Bhaskaracharya Pratishthana, Pune, Maharastra, during November 14-26, 2016.
30.	93rd Orientation Programme on Personality Development, Teaching and Research Methodology for College and University Teachers organized by University of Kota, Rajasthan, during Feb., 15 to March 12, 2016.
31.	Faculty Development Programme on MATLAB and LATEX: Tool for Research organized by

	Department of Computer Engineering, RTU, Kota, Rajasthan, during February 8-12, 2016.
32.	Short term course on Smart Grid and Renewable Energy Sources through ICT organized by Department of Electrical Engineering, RTU, Kota, Rajasthan, during January 18-22, 2016.
33.	Short term course on MATLAB and Its Hardware Interface through ICT organized by Department of Electrical Engineering, RTU, Kota, Rajasthan, during January 11-15, 2016.
34.	Short term course on MATLAB, A Tool in Research organized by Department of Mathematics, MNIT, Jaipur, Rajasthan, during December 24-18, 2015.
35.	Faculty Development Programme (OTNIA-2015) organized by Department of Computer Engineering, RTU, Kota, Rajasthan, during January 19-23, 2015.
36.	International Workshop on Modeling, Computing and Optimization organized by Indian Institute of Technology Madras, Chennai, during September 3-12, 2012.
37.	Advanced Instructional School on Partial Differential Equation organized by Tata Institute of Fundamental Research Bangalore, during December 17, 2012 to January 4, 2013.

Research Publications

1.	Kamlesh Jangid , S.D. Purohit, R. Agarwal, and R. P. Agarwal, On the generalization of fractional kinetic equation comprising incomplete H-function , Kragujevac Journal of Mathematics, Vol. 47(5), 701-712 (2023).
2.	Kamlesh Jangid , S. D. Purohit and D. L. Suthar, A note on Lambert's Law involving incomplete I-functions , Journal of Science and Arts, Vol. 22(01), 91-96 (2022).
3.	Nigussie Abeye, Minilik Ayalew, D. L. Suthar, S. D. Purohit, and Kamlesh Jangid , Numerical solution of unsteady state fractional advection dispersion equation , Arab Journal of Basic and Applied Sciences, Vol. 29(01), 77-85 (2022).
4.	N. K. Jangid, S. Joshi, Kamlesh Jangid , S.D. Purohit, Fractional calculus operators connected with the product of generalized polynomials and incomplete I-functions , Journal of MESA, Vol. 13(1), 143-155 (2022).
5.	Kamlesh Jangid , S. Meena, S. Bhattar, S.D. Purohit, Generalization of Fractional Kinetic Equations Containing Incomplete I-Functions , Handbook of Fractional Calculus for Engineering and Science, 169-185 (2022).
6.	Kamlesh Jangid , S.D. Purohit, R. Agarwal, On Gruss Type Inequality Involving a Fractional Integral Operator with a Multi-Index Mittag-Le_er Function as a Kernel , Appl. Math, 16(2),269-276 (2022).
7.	Kamlesh Jangid , S.D. Purohit, K. S. Nisar, and S. Araci, Chebyshev type inequality containing a fractional integral operator with a multi-index Mittag-Leffler function as a kernel , Analysis, (accepted) (2021).
8.	A.M. Mishra , R. Agarwal, S.D. Purohit, and Kamlesh Jangid, Nonlinear Dynamics of SARS-CoV2 Virus , in book Mathematical Modeling and Soft Computing in Epidemiology, DOI: 10.1201/9781003038399-15
9.	Kamlesh Jangid , S.D. Purohit, and D.L. Suthar, Transformation Formulas of Incomplete Hypergeometric Functions via Fractional Calculus Operators , Bulletin of the Transilvania University of Brasov: Series III: Mathematics, Informatics, Physic, Vol. 13(62), No. 2, 571-580 (2020).
10.	Kamlesh Jangid , R.K. Parmar, R. Agarwal, and S.D. Purohit, Fractional calculus and integral transforms of the product of a general class of polynomial and incomplete Fox-Wright functions , Advances in Difference Equations, Article No. 606, 1-17 (2020).
11.	Kamlesh Jangid , S.D. Purohit, K.S. Nisar, and T. Abdeljawad, Certain Generalized Fractional Integral

	Inequalities , Advances in the Theory of Nonlinear Analysis and its Applications, Vol. 4(4), 252-259 (2020).
12.	Kamlesh Jangid , A study of electric and magnetic polarizations on a piezo-electro-magnetic media weakened by two unequal collinear semi-permeable cracks, International Journal for Computational Methods in Engineering Science & Mechanics, Vol. 21(6), 1-20 (2020).
13.	S. Meena, S. Bhattar, K. Jangid , and S.D. Purohit, Some expansion formulas for incomplete H and H-functions involving Bessel functions , Advances in Difference Equations, (1), Article No. 562, 1-13 (2020).
14.	N.K. Jangid, S. Joshi, K. Jangid , S. Araci, and S.D. Purohit, Fractional calculus operators applied to the function involving the product of Srivastava polynomials and incomplete I-functions , Advanced Studies in Contemporary Mathematics, (accepted) (2020).
15.	K. Jangid , S.D. Purohit, K.S. Nisar, and T. Shefeeq, The internal blood pressure equation involving incomplete I-functions , Inf. Sci. Lett., Vol. 9(3), 171-174 (2020).
16.	S. Meena, S. Bhattar, K. Jangid , S.D. Purohit, and K.S. Nisar, Certain generating functions involving the incomplete I-functions , TWMS J. App. Eng. Math., (accepted) (2020).
17.	S. Meena, S. Bhattar, K. Jangid , and S.D. Purohit, Certain integral transforms concerning the product of family of polynomials and generalized incomplete functions, Moroccan journal of pure and applied analysis, Vol. 6(2), 243-254, (2020).
18.	Kamlesh Jangid , Electric and magnetic poling effects on two equal collinear semi-permeable cracks in Magneto-electro-elastic materials, ZAMM-Journal of Applied Mathematics and Mechanic, Vol. , (2020).
19.	Kamlesh Jangid , Two equal collinear cracks in magneto-electro-elastic materials: A study of electric and magnetic poling influences, Applied Mathematics and Nonlinear Sciences, Vol. , (2020).
20.	K. Jangid , S. Bhattar, S. Meena, D. Baleanu, M. Al Qurashi, and S.D. Purohit, Some fractional calculus findings associated with the incomplete I-functions , Advances in Difference Equations, (1), Article No. 265, 1-24 (2020)
21.	S. Meena, S. Bhattar, K. Jangid , and S.D. Purohit, Certain expansion formulae of incomplete H-functions associated with Leibniz rule , TWMS J. App. Eng. Math., (accepted) (2020)
22.	K. Jangid , D. Kumar and J. Singh, Influences of Polarization on Two Equal Semi-permeable Cracks in a Piezoelectric Media , Science & Technology Asia, Vol. 25(1), 11-18 (2020).
23.	Kamlesh Jangid , Fracture analysis of two unequal collinear cracks weakening a Piezo-electro-magnetic media via Complex variable approach, Strength, Fracture and Complexity, Vol. 13, 15-30 (2020).
24.	Kamlesh Jangid , Magnetic-Saturation Zone Model for Two Semi-permeable Cracks in Magneto-electro-elastic Medium, International Journal for Computational Methods in Engineering Science & Mechanics, Vol. 19(2), 129-137 (2018)
25.	Kamlesh Jangid , and R. R. Bhargava, Influence of polarization on two unequal semi-permeable cracks in a piezoelectric media , Strength, Fracture and Complexity, Vol. 10, 129-144 (2017)
26.	Kamlesh Jangid and R. R. Bhargava, Complex variable based analysis for two semi-permeable collinear cracks in a piezo-electro-magnetic media , Mechanics of Advanced Materials and Structures, Vol. 24(12), 1007-1016 (2017)
27.	R. R. Bhargava, Kamlesh Jangid , and Pavitra Tripathi, A Mode-III strip-saturation model for two collinear semi-permeable cracks in a piezoelectric media , AIMS Material Science, Vol. 3(4), 1507-1519 (2016)
28.	R. R. Bhargava, Kamlesh Jangid , and Pooja Raj Verma, Two semi-permeable equal collinear

	cracks weakening a piezoelectric plate s A study using complex variable technique , ZAMM- Journal of Applied Mathematics and Mechanic, Vol. 95, 66-76 (2015).
29.	R. R. Bhargava, Pooja Raj Verma, and Kamlesh Jangid , A mathematical strip-induction-saturation model for an off-centric semi-permeable crack in a piezo-electro-magnetic strip, Acta Mechanica, Vol. 226, 351-370 (2015).
30.	R. R. Bhargava, and Kamlesh Jangid , A mathematical strip-saturation model for piezoelectric plate weakened by two collinear equal cracks , Mathematics and Mechanics of Solids Vol. 19, 714-725 (2014).
31.	R. R. Bhargava, and Kamlesh Jangid , A study on influence of poling direction on piezoelectric plate weakened by two collinear semi-permeable cracks , Acta Mechanica, Vol. 225, 109-129 (2014).
32.	R. R. Bhargava, and Kamlesh Jangid , Closed form solution for two unequal collinear semi-permeable straight cracks in a piezoelectric media , Archive of Applied Mechanics, Vol. 84, 833-849 (2014).
33.	R. R. Bhargava, and Kamlesh Jangid , Strip-coalesced interior zone model for two unequal collinear cracks weakening a piezoelectric media , Applied Mathematics and Mechanics (English Edition), Vol. 35, 1249-1260 (2014).
34.	R. R. Bhargava, and Kamlesh Jangid , Strip-saturation model for piezoelectric plane weakened by two collinear cracks with coalesced interior zones , Applied Mathematical Modelling Vol. 37, 4093-4102 (2013).
35.	R. R. Bhargava, and Kamlesh Jangid , Strip electro-mechanical yielding model for piezoelectric plate cut along two equal collinear cracks , Applied Mathematical Modelling Vol. 37, 9101-9116 (2013).
36.	R. R. Bhargava, and Kamlesh Jangid , Strip-electromechanical model solution for piezoelectric plate cut along two semi-permeable collinear cracks , Archive of Applied Mechanics Vol. 83, 1469-1491 (2013).
37.	R. R. Bhargava, and Kamlesh Jangid , Strip-saturation yield model for a piezoelectric plate: A study on influence of change in poling , Proceeding in Interdisciplinary Topics in Applied Mathematics, Modeling and Computational Science, Springer International Publishing Switzerland 2014 Direction

Papers presented in International / National Conference

1.	A Study of Electric Circuit Problems Involving Incomplete I-Functions, presented in International Conference on Advance Trends in Computational Mathematics, Statistics and Operations Research (ICCMO-2022), 02-03 April, 2022, The NorthCap University, Gurugram, Haryana, India.
2.	Gruss type inequality involving a Multi-index Mittag-Leffer function as a Kernel, presented in Congress on Research in Engineering, Science & Management (CRESM-2022), 10-12 March, 2022, Padre Conceicao College of Engineering, Verna, Goa, India.
3.	Influences of polarization on multiple cracks in Magneto-electro-elastic materials , presented in National Conference on Recent Advancements in Computational Mathematics and Engineering Sciences, (RACMES-2019), 09-10 November, 2019, VIT, Jaipur, India.
4.	Influences of polarization on two unequal collinear cracks in a Magneto-electro-elastic media , presented in International Conference on Special Functions and Applications, (ICSFA-2019), 21-23 October, 2019, UCET, Bikaner, India.
5.	Mathematical analysis of two unequal collinear cracks in a piezo-electro-magnetic media ,

	presented in 2nd International Conference on Mathematical Modelling, Applied Analysis and Computation(ICMMAAC-2019), 08-10 August, 2019, JECRC University, Jaipur, India.
6.	Mode-III strip-saturation model for two equal collinear cracks in a piezoelectric media, presented in NCCME-RGP-2015, 23-24 Feb., 2015, RTU, Kota, India.
7.	Effect of change in poling direction for two equal collinear semi-permeable cracks in a piezoelectric media, presented in The 17th U. S. National Congress on Theoretical & Applied Mechanics (USNCTAM 2014), 15-20 June, 2014, Michigan State University, Michigan, USA.
8.	A study on influence of changing in poling direction on piezoelectric plate cut along two unequal cracks, presented in The Second International Conference on Engineering and Computational Mathematics (ECM-2013), 16-18 Dec., 2013, Hong Kong.
9.	Strip-electro-mechanical model for two collinear cracks in piezoelectric plate, presented in International Congress on Computational Mechanics and Simulation (ICCMS-2012), 9-12 Dec., 2012, IIT Hyderabad, India.