

FIRDOUS AHMAD MALA

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Designation: Assistant professor of mathematics

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Academic Qualifications

Serial	Degree	Institute	Affiliation	Division
1.	B.Ed.	Centre of Distance Education	The University of Kashmir	First
2.	M.Sc.	Dept. of Mathematics	The University of Kashmir	First
3.	B.Sc.	GDC Bemina (now AAAM College)	The University of Kashmir	First
4.	12 th	Govt. ML HSS, Safakadal, Sgr.	JKBOSE	First
5.	10 th	Govt. Boys High School Chattabal, Sgr.	JKBOSE	First

Competitions

Serial	Title	Rank	Date	Conferrer
1.	State Eligibility Test (JKSET)	-	2022	University of Jammu
2.	National Eligibility Test (NET)	AIR-24	Dec-2013	UGC-CSIR
3.	National Eligibility Test (NET)	AIR-19	June-2013	UGC-CSIR
4.	National Eligibility Test (NET)	AIR-10	Dec-2012	UGC-CSIR

Teaching Experience

Serial	Place of Work	From	To	Duration yy-mm-dd	Position
1.	Amar Singh College, Sgr	07-10-2023	I'm still here.	02-00-14	Assistant professor
2.	GDC Sopore, Bla	29-08-2019	06-10-2023	04-01-09	Assistant professor
3.	SP College, MA Road Sgr	07-03-2019	28-08-2019	00-05-22	Assistant professor
4.	GDC Anantnag, Ang	01-09-2016	06-03-2019	02-06-06	Assistant professor
5.	GHSS Mujgund, Sgr	25-10-2014	31-08-2016	01-10-07	Lecturer
6.	SPHSS, MA Road Sgr	01-05-2010	24-10-2014	04-05-24	Lecturer
7.	New Convent Higher Sec. School, Barzula, Sgr.	02-08-2008	23-03-2010	01-07-22	Lecturer
8.	Iqra Educational Institute, Bemina, Sgr.	10-07-2007	31-07-2008	01-00-22	Teacher

Publications

Serial	Title of the publication	Journal/Conference	Publisher	ISSN/ISBN	Date
1.	Hands-On Data Science for Librarians (with Snowbar Majeed)	Technometrics	Taylor & Francis	0040-1706 1537-2723	01-05-2024
2.	Symmetry, Broken Symmetry, and Topology in Modern Physics: A First Course	Acta Crystallographica A: Foundations and Advances	IUCr	2053-2733	03-2024
3.	Ethics in Information Technology: A Practical Guide (with Shahid Abdullah Dar)	Technometrics	Taylor & Francis	0040-1706 1537-2723	09-02-2024
4.	Why the number of transitive relations is not an integer polynomial	BOHR International Journal of Engineering	BOHR Publishers	2583-8571	05-12-2023
5.	Once upon a Prime: The Wondrous Connections between Mathematics and Literature	World Literature Today	The University of Oklahoma	1945-8134 0196-3570	27-10-2023
6.	MacTutor: A Mathematician's Treasure	Journal of Applied Mathematics & Computation	Hill Publishing	2576-0645 2576-0653	23-10-2023
7.	A new bound for the enumeration of transitive relations (with Suhail Gulzar and Ravinder Poonia)	Advancements In Physical & Mathematical Sciences: ICFMST-2022	AIP Publishing	97807354460 52	11-09-2023
8.	Mathletics: How Gamblers, Managers, and Fans Use Mathematics in Sports (2 nd Edition)	Technometrics	Taylor & Francis	0040-1706 1537-2723	22-08-2023
9.	Polynomial Methods and Incidence Theory	Technometrics	Taylor & Francis	0040-1706 1537-2723	22-08-2023
10.	Mathematical Analysis and Optimization for Economists	Technometrics	Taylor & Francis	0040-1706 1537-2723	28-04-2023
11.	Number Systems: A Path into Rigorous Mathematics	Technometrics	Taylor & Francis	0040-1706 1537-2723	28-04-2023
12.	The Meaning of Proofs: Mathematics as Storytelling	World Literature Today	The University of Oklahoma	1945-8134 0196-3570	23-04-2023
13.	Some New Integer Sequences of Transitive Relations	Journal of Applied Mathematics & Computation	Hill Publishing	2576-0645 2576-0653	20-04-2023
14.	Inequalities Concerning transitive relations and Bell Numbers (with Suhail Gulzar and Ravinder Poonia)	Advances in Pure and Applied Algebra: Proceedings of the CONIAPS XXVII International Conference 2021	De Gruyter	97831107858 07/ 97831107857 22	03-04-2023
15.	Three Open Problems in Enumerative Combinatorics	Journal of Applied Mathematics & Computation	Hill Publishing	2576-0645 2576-0653	14-02-2023

16.	Geometry in Our Three-Dimensional World	Technometrics	Taylor & Francis	0040-1706 1537-2723	01-02-2023
17.	Vedic Mathematics: A Mathematical Tale from the Ancient Veda to Modern Times	Technometrics	Taylor & Francis	0040-1706 1537-2723	01-02-2023
18.	What's the Use? The Unreasonable Effectiveness of Mathematics	The Mathematical Intelligencer	Springer	1866-7414 0343-6993	24-01-2023
19.	An Invitation to Combinatorics	Studia Universitatis Babeş-Bolyai Mathematica	Babes-Bolyai University	2065-961x	02-12-2022
20.	Basic Statistics and Epidemiology: A Practical Guide	Technometrics	Taylor & Francis	0040-1706 1537-2723	08-11-2022
21.	All the Math You'll Ever Need: A Self-Teaching Guide	Technometrics	Taylor & Francis	0040-1706 1537-2723	08-11-2022
22.	Research and Development in University Mathematics Education	Education Studies in Mathematics	Springer	1573-0816 0013-1954	02-11-2022
23.	The Psychology of Mathematics: A Journey of Personal Mathematical Empowerment for Educators and Curious Minds	World Literature Today	The University of Oklahoma	1945-8134 0196-3570	28-10-2022
24.	A First Course in Group Theory	Acta Crystallographica A: Foundations and Advances	IUCr	2053-2733	21-10-2022
25.	Srinivasa Ramanujan (with Robin Wilson)	The Mathematical Intelligencer	Springer	1866-7414 0343-6993	08-09-2022
26.	Your Life in Numbers: Modeling Society Through Data	The Mathematical Intelligencer	Springer	1866-7414 0343-6993	09-08-2022
27.	Statistical Universals of Language: Mathematical Chance vs. Human Choice	Technometrics	Taylor & Francis	0040-1706 1537-2723	26-07-2022
28.	Money and Mathematics: A Conversational Approach to Modern Financial Mathematics and Insurance	Journal of Economics	Springer	1617-7134 0931-8658	05-07-2022
29.	Africa and mathematics: from colonial findings back to the Ishango Rods	The Mathematical Gazette	Cambridge	0025-5572 2056-6328	22-06-2022
30.	Philosophy of Mathematics: Classic and Contemporary Studies	The Mathematical Intelligencer	Springer	1866-7414 0343-6993	10-05-2022
31.	Lessons in enumerative combinatorics	Acta Crystallographica A: Foundations and Advances	IUCr	2053-2733	01-05-2022
32.	Mathematics (education) in the Information Age	Education Studies in Mathematics	Springer	1573-0816 0013-1954	31-03-2022
33.	Mathematical economics: prelude to the neoclassical model	Journal of Economics	Springer	1617-7134 0931-8658	28-02-2022

34.	Alice's adventures in Wonderland: Carroll's symbolic attack on mathematical symbolism	Journal of Humanistic Mathematics, Claremont Center for the Mathematical Sciences	Claremont University	2159-8118	31-01-2022
35.	The Big-O of Mathematics and Computer Science (with Rouf Ali)	Journal of Applied Mathematics & Computation	Hill Publishing	2576-0645 2576-0653	04-01-2022
36.	Counting Transitive Relations with Two Ordered Pairs	Journal of Applied Mathematics & Computation	Hill Publishing	2576-0645 2576-0653	13-10-2021
37.	Interesting Observations on the Numbers of Partial Orders and Transitive Relations	Proceedings of the International Virtual Conference on Recent Trends and Techniques in Mathematical and Computer Science	Cape Comorin Publisher	978939155 3272	28-07-2021
38.	On the Number of Transitive Relations on a Set	Indian Journal of Pure & Applied Mathematics	Springer	0975-7465 0019-5588	14-06-2021

ZbMath Reviews

Serial	Title Reviewed	Zbl Identifier	Dates
1.	Log-convexity and the overpartition function	Zbl 07659065	15-03-2023
2.	Discrete mathematics: Essentials and applications	Zbl 07486968	07-02-2023
3.	A simple proof of higher order Turán inequalities for Boros-Moll sequences	Zbl 07686780	22-06-2023
4.	The meaning of proofs: Mathematics as Storytelling	Zbl 07646012	22-06-2023

Book Publications with ISBN

Serial	Title of the Publication	Publisher	ISBN	Date
1.	Mathematics: Education, Crowdsourcing and Else	Notion Press	9798889594970	03-02-2023
2.	Essays on Mathematics: Three Essays on Alice and others	Notion Press	9798887044767	18-05-2022
		Lambert Academic Publishing	9786204749389	13-05-2022
3.	My write-ups	Notion Press	9798885466479	29-12-2021

Contributions to OEIS

Serial	Sequence	Title of the sequence	Date
1.	A359810	Partial sums of A001035	2023-01-13
2.	A348634	a(n) is the first nonzero digit in the decimal expansion of 1/prime(n)	2022-04-29
3.	A350159	Number of subgroups of the dicyclic group Dic_n	2021-12-17

4.	A348634	Number of transitive relations on an n-set with exactly five ordered pairs	2021-12-13
5.	A349849	Number of transitive relations on an n-set with exactly four ordered pairs	2021-12-06
6.	A349919	Number of transitive relations on an n-set with exactly two ordered pairs	2021-12-05
7.	A349927	Number of transitive relations on an n-set with exactly three ordered pairs	2021-12-05
8.	A349848	$a(n) = \sum_{k=1}^n (\text{prime } n)^{(\text{prime } k)}$	2021-12-02
9.	A348151	First differences of A006905	2021-10-03
10.	A345317	Number of transitive but not symmetric relations on an n-set	2021-10-02
11.	A348137	Number of transitive relations involving all the elements of an n-set	2021-10-02

Paper Presentations

Serial	Title of the paper	Event	Organizers	Dates
1.	Combinatorics in Probability and Statistics	International Conference on Applications of Statistics	Department of Statistics, Pachhunga University College (PUC) campus, Mizoram University (MZU)	02-02-2023 03-02-2023
2.	A new bound for the number of transitive relations on a set	2 nd International Conference on Functional Materials and Simulation Techniques	University Institute of Sciences (UIS), Chandigarh University and Concordia University, Canada sponsored by SERB, DST, India	10-01-2022 11-01-2022
3.	On transitive relations and Bell numbers Abstract Book	International conference on recent trends and theoretical and computational mathematics	Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore	24-02-2022 25-02-2022
4.	Transitivity of relations using adjacency matrices Abstract Book	37th Annual National Conference on Modern Mathematics and its Applications MMA-2022	The Mathematical Society Banaras Hindu University	29-01-2022 30-01-2022
5.	When enumeration becomes an algebraic concern Abstract Book	Studies on Scientific Developments in Geometry, Algebra, and Applied Mathematics, Turkish Journal of Mathematics	The Scientific and Technological Research Council of Turkey	01-02-2022 03-02-2022
6.	Transitive relations involving exactly r elements of a set Abstract Book	International Virtual Conference on Mathematical and Computational Models - ICMCM'21	Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu, India	29-10-2021 30-10-2021
7.	Interesting observations on the number of partial orders and transitive relations	International Virtual Conference on Recent Trends and Techniques in Mathematical and Computer Science	Government Degree College, Darhal, Jammu and Kashmir,	28-07-2021 29-07-2021
8.	Probability of a Relation on a Set to be Transitive Abstract Book	44th Research Students' Conference in Probability and Statistics	Lancaster University	27-07-2021 29-07-2021

9.	OEIS and integer sequences as generating functions	International Virtual Conference on Computational Mathematics-2K21	Department of Mathematics, PPG College of Arts and Science, Coimbatore, India	24-06-2021 25-06-2021
10.	An explicit formula for the number of transitive relations with two ordered pairs	Online International Conference on Recent Advances in Computational Mathematics & Engineering	B K Birla Institute of Engineering & Technology, Pilani, Rajasthan	19-03-2021 21-03-2021
11.	An explicit formula for the number of transitive relations on a set	National Webinar on Recent Advances in Mathematics and its Applications (RAMA-2021)	Department of Pure Mathematics, University of Calcutta	17-03-2021
12.	On transitive relations involving exactly r elements on an n -set Abstract Book	International Conference on Theoretical Computer Science and Discrete Mathematics	Department of mathematics, Sri Sivasubramaniya Nadar College of Engineering, Chennai	02-12-2021 04-12-2021
13.	On the number of transitive relations on a set	National Conference on Emerging Trends in Mathematics- Its Applications and Celebration of Mathematics Day	Department of Mathematics, University of Kashmir	15-12-2020 16-12-2020

Journal Association with Roles

Serial	Role	Journal/Conference	Publisher	ISSN
1.	Reviewer	Songklanakarin Journal of Science and Technology (SJST)	Research and Development Office, Prince of Songkla University, Thailand	0125-3395
2.	Reviewer	Zentralblatt	European Mathematical Society (EMS) and FIZ Karlsruhe – Leibniz Institute for Information Infrastructure.	0044-4235
3.	Reviewer	Mathematical Reviews	American Mathematical Society (AMS)	0025-5629
4.	Reviewer	Proyecciones Journal of Mathematics	Universidad Católica del Norte, Chile	0717-6279 0716-0917
5.	Reviewer	Journal of Applied Mathematics and Computation	Hill Publishing	2576-0645 2576-0653
6.	Reviewer	Journal of Humanistic Mathematics	Pomona College, Claremont University, USA	2159-8118
7.	Reviewer	Qeios	Qeios Ltd., London (A pre-print service)	2632-3834
8.	Reviewer	BOHR International Journal of Engineering (BIJE)	BOHR Publishers	2583-8571

Serial	Title of the write-up	Links to the write-ups				
1.	On what constitutes maturity (coauthored with Hamnah Binti Idris)	RK	KO			
2.	On Lewis Carroll and Alice's Wonderland	RK	KR			
3.	Alice's question to the inhabitants of the wonderland	RK				
4.	In pursuit of true indicators of scholarship	RK				
5.	That what aches us all starts with the letter 'S'	RK				
6.	On being correct, grammatically and academically	KO	RK	SS		
7.	Singing songs bereft of lyrics: In praise of silence (coauthored with Rouf Ali)	KO	RK	KR		
8.	The Legalised Crime of Sharing	RK	KO	KH	KS Issue	
9.	Understanding what Russell said about mathematics	KR	KL	RK		
10.	Professor of Mathematics Abdul Aziz: A Delayed Eulogy	KR	RK			
11.	In defence of eBooks	KH	RK	KO	KR	
12.	Artificial but intelligent mathematicians	KH	RK	KR	KS Issue	
13.	The legacy of al-Khwarizmi	RK	KR	KH		
14.	National mathematics day turns ten	RK				
15.	Gauging Ramanujan's acumen through the words of Hardy	KR				
16.	On Ramanujan and his mathematics	KO	SS			
17.	In Dispraise of Selfishness	RK				
18.	Statistical Universals of Language (Book Review)	RK				
19.	Recent Mathematical Findings of Multiple Lockdowns	KH	RK	KR		
20.	Implications, Inverses and Misuses	RK	KR	KS Issue		
21.	On Devlin's Death of Mathematics	KR	RK	KH	KS	SS
22.	A Mathematician's Social Plight	RK				
23.	The unconventional case of crowdsourcing mathematics	KS Issue				
24.	Fields Medalists 2022	RK	KR			
25.	Finding a Place for Mathematics Education in Mathematics Curriculum	RK	KO	SS		
26.	An Open Letter to the Cluster University of Srinagar	SS	RK	KS Issue		
27.	I Interviewed ChatGPT	KO	KI			

Talks

Serial	Title of the talk	Venue	Date
1.	Omar Khayyam in Mathematics and Astronomy	GDC Sopore, J&K, India	2023
2.	Mathematical Typesetting with Microsoft Word	GDC Sopore, J&K, India	2023
3.	Some Glimpses into the nature of infinity	GDC Anantnag, J&K, India	2018
4.	Mathematics Typesetting using Microsoft Word	GDC Sopore, J&K, India	25-05-2022

Content Preparation

Serial	Title	Venue	Date
1.	E-content preparation for undergraduate second semester mathematics	GCW M A Road Srinagar, J&K, India	2021
2.	E-content preparation for undergraduate third semester mathematics	GCW M A Road Srinagar, J&K, India	2021

Professional Development/FDP

Serial	Title	Institute/Platform	Type	Dates
1.	Beyond Stigma: Empowering Yourself with Mental Health Laws	Department of Psychology, Dhempe College of Arts and Science, Goa, India	Webinar	09-03-2023
2.	Latest Trends on Computational Mathematics - Theory, Methods & Applications	Department of Mathematics, JIS University	FDP	26-02-2024 01-03-2024
3.	Artificial Intelligence (AI) for Teachers	CEMCA, COL, MIT RAISE	MOOC	28-02-2024
4.	Refresher Course in Mathematical Sciences	TLC, Ramanujan College	Refresher Course	31-10-2023 14-11-2023
5.	Authentic Assessment for Online Learning	Commonwealth of Learning, Canada	MOOC	09-10-2023 03-11-2023
6.	Mathematical Modelling for Engineering Applications	JEPPIAAR Institute of Technology	Workshop	27-10-2023
7.	5-Days Workshop on Development of Textbooks for Classes 1 st and 2 nd	JKSCERT	Workshop	01-09-2023 05-09-2023
8.	MATLAB and its Applications	Sir CR Reddy College, Eluru YVNR Govt. Degree College, Kaikaluru	National Webinar	04-09-2023
9.	One Week National Level Faculty Development Program on Cloud Infrastructure (AWS)	Vellore Institute of Technology, Chennai in collaboration with Brainovision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE),	FDP	21-08-2023 25-08-2023
10.	EndNote Certification Series	Clarivate, EndNote	Certification	22-08-2023
11.	Lecture Series on Number Theory	Department of Mathematics, Sant Longowal Institute of Engineering & Technology, Punjab, India	Lecture Series	10-08-2023 13-08-2023
12.	Blended Learning: Personalizing Education for Students	New Teacher Center	MOOC	30-07-2023

13.	Academic Writing Skills and Publishing	Balani Infotech Pvt. Ltd. Noida in collaboration with St. Joseph Vaz College, Cortalim-Goa	National Webinar	25-07-2023
14.	Advanced and Technical Computing with MATLAB	Department of Mathematics, School of Engineering, Presidency University, Bengaluru, India	FDP	25-07-2023 29-07-2023
15.	Mixed Research Methods in Social Sciences	Amity University, Kolkata	FDP	24-07-2023 28-07-2023
16.	DST Sponsored National Level Workshop on Generative AI and Cyber Security	School of Computer Science and Engineering, Reva University, Bengaluru, India	Workshop	24-07-2023 28-07-2023
17.	Success Mindset	HP LIFE HP Foundation	MOOC	20-07-2021
18.	How do I bring the real world into my classroom?	British Council	Workshop	19-07-2023
19.	Innovations, Opportunities and Challenges in Life Science Sector Skilling and Research	Amity University Haryana, Gurugram, LSSSDC	FDP	17-07-2023 21-07-2023
20.	Understanding Medical Research: Your Facebook Friend is Wrong	Yale University	MOOC	12-07-2023
21.	Become a Changemaker, Build a Career with Purpose and Impact	HEC Paris	MOOC	07-07-2023
22.	Digital Creativity Skills, Adobe Academic Essentials	Adobe, AICTE, ATAL	Workshop	01-07-2023 05-07-2023
23.	Data Science Companion	MathWorks	MOOC	02-07-2023
24.	How to Create Video for Online Courses	The University of Edinburgh	MOOC	31-05-2023
25.	National Education Policy-2020: Professional Development Programme	Indira Gandhi National Open University (IGNOU), SWAYAM	SWAYAM Course	16-05-2023 15-06-2023
26.	Introduction to Programming	BITS Pilani	MOOC	13-05-2023
27.	Ten Days International Virtual Faculty Development Programme on Multidisciplinary Research Methodology	Government Degree College for Women, Bhagwati Nagar, University of Jammu	FDP	24-04-2023 03-05-2023
28.	Roles of AI & ML in Industry 5.0	Virtual International Technical Congress Summit	Virtual Summit	09-04-2023
29.	Designing for Communities of Inquiry in Online Courses	Commonwealth of Learning Athabasca University, Canada	MOOC	15-04-2023
30.	Attaining Higher Education	Columbia University	MOOC	13-04-2023
31.	Teacher Development Certificate	EF SET	Certificate Course	05-04-2023
32.	The Art and Science of Economic Policy	Indian Institute for Human Settlements	MOOC	12-03-2023
33.	From Mathmania to Cryptomania: How math is helping secure our digital future	Pandit Deendayal Energy University, Gandhinagar	Webinar	24-02-2023
34.	Design of Experiments	Arizona State University	Specialization Certificate	20-02-2023
35.	Intellectual Property Rights Awareness Programme	Intellectual Property Office, India	Workshop	17-02-2023
36.	Introduction to Academic Writing	O. P. Jindal Global University	MOOC	15-02-2023
37.	Breaking Barriers in Science	Kamla Nehru Mahavidyalaya, Nagpur	International Webinar	14-02-2023

38.	How to Create an Online Course	The University of Edinburgh	MOOC	14-02-2023
39.	Stanford Introduction to Food and Health	Stanford Online	MOOC	06-02-2023
40.	Game Theory II: Advanced Applications	Stanford Online, The University of British Columbia	MOOC	06-02-2023
41.	Role of Youth in Nation Building	NSS Unit, GDC Kokernag, J&K	National Webinar	13-02-2023
42.	An Introduction to Complex Numbers	The Open University	MOOC	25-01-2023
43.	The Learning Innovation Network	Politecnico Milano	MOOC	23-01-2023
44.	Psychological First Aid (PFA)	The National Child Traumatic Stress Network (NCTSN)	MOOC	21-01-2023
45.	National Workshop on Intellectual Property Rights	Intellectual Property Office and MOE's Innovation Cell, GOI, FIDC, and School of Studies, Central University of Jammu, Jammu and Kashmir, India	Workshop	20-01-2023
46.	The Science of Well-Being for Teens	Yale University	MOOC	19-01-2023
47.	Academic Information Seeking	University of Copenhagen	MOOC	17-01-2023
48.	Cyber Safety	Department of Psychology, Dempo Charities Trust's Dhempe College of Arts & Science Miramar-Goa	Webinar	13-01-2023
49.	One Day International Workshop on Differential Equations & Applications (IWDEA-2023)	School of Mathematics and Statistics & School of Data Analytics, Mahatma Gandhi University, Kottayam, Kerala, India	Workshop	03-01-2023
50.	The National Level Seminar on Recent Trends in Data Analytics	Rathinam College of Arts and Science	Seminar	21-10-2022
51.	National Intellectual Property Awareness Mission	Intellectual Property Office, India	IPR Webinar	17-10-2022
52.	Inclusive Teaching and Learning (ITL)	Commonwealth of Learning, Canada	MOOC	07-10-2022
53.	Everyday Excel	University of Colorado Boulder	Specialization Certificate	30-09-2022
54.	Building Logic to Improve Programming Skills and Accelerating Startup	Government Engineering College, Rajkot	Webinar	17-09-2022
55.	Babylonian Mathematics	The Open University	MOOC	15-09-2022
56.	UGC-Sponsored Refresher Course	CPDHE (UGC-HRDG), University of Delhi, Delhi	Refresher Course	15-09-2022
57.	Uncommon Sense Teaching	Deep Learning Solutions	Specialization Certificate	09-09-2022
58.	Getting started with Google Workspace	Google Cloud	Specialization Certificate	08-09-2022
59.	English in the world today	The Open University	MOOC	06-07-2022
60.	Accessibility of eLearning	The Open University	MOOC	06-07-2022
61.	Programming in Mathematica	Udemy	MOOC	13-05-2022

62.	One week FDP on Research Methodology	Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur, India	Research Methodology FDP	07-05-2022
63.	HTML Workshop	GeeksforGeeks	MOOC	13-04-2022
64.	Creative Problem Solving	University of Minnesota	MOOC	12-04-2022
65.	The Science of Well-Being	Yale University	MOOC	11-04-2022
66.	International Training Workshop on Computational Special Functions and their Applications	MTTF in collaboration with SVNIT, Surat Gujarat, India, Punjabi University, Patiala, India, Poornima University, Jaipur, India and Sardar Patel University, Gujarat, India	Workshop	07-04-2022
67.	Practical Hands-on MATLAB	Chandigarh University, Gharuan, Mohali	FDP	04-04-2022
68.	Microsoft 365 Fundamentals	Microsoft	Specialization Certificate	01-04-2022
69.	Data Visualization in Excel	Macquarie University	MOOC	29-03-2022
70.	Two Week Online Research Orientation Workshop on Research Prospectus in the Present Era	Sri Pratap College, Srinagar, J&K	Orientation Course	22-03-2022
71.	Managing Emotions in Times of Uncertainty & Stress	Yale Centre for Emotional Intelligence	MOOC	20-03-2022
72.	National Workshop on Ancient Indian Mathematics	Central University of Punjab, Bathinda supported by the Mathematics Consortium	Workshop	16-03-2022
73.	Emerging Trends in Pure and Applied Mathematics	Department of Applied Sciences, School of Engineering in Association with Department of Mathematical Sciences, School of Sciences, Tezpur University	Conference	13-03-2022
74.	One Day Training Workshop on Cross-discipline platforms: Scopus, ScienceDirect and Mendeley	MTTF in collaboration with Punjabi University, Patiala, India, Poornima University, Jaipur, India and Bahir Dar University, Ethiopia	Research Methodology Workshop	11-03-2022
75.	Research Methods in Economics using Stata Software	College of Business and Economics Mizan-Tepi University, Ethiopia in collaboration with Department of Economics Bahir Dar University, Ethiopia, Poornima University, India and MTTF India	Research Methodology Workshop	06-03-2022
76.	Teacher Enrichment Workshop (TEW) on Differential Equations and Mathematical Modelling	Jaypee Institute of Information Technology, Noida, India, in collaboration; TIFR	TEW	27-02-2022
77.	International Webinar on Intelligent Optimization Techniques and their Real-Life Applications	Department of Mathematics, Punjabi University, Patiala, India in collaboration with Mizan-Tepi University, Ethiopia, University of Wolverhampton, United Kingdom and MTTF India	Webinar	27-02-2022
78.	One-day International Symposium on Interdisciplinarity in Education	International Council for Education, Research and Training (ICERT) Baba Mastnath University Rohtak India	Symposium	26-02-2022
79.	One-day National Seminar Mathematical Methods in Science and Engineering	Department of Mathematics, Pandit Deendayal Energy University	Seminar	26-02-2022
80.	Training workshop on Basic Computing with MATLAB	MathTech Thinking Foundation (MTTF), India	Workshop	13-02-2022

81.	Computing with MATLAB and LaTeX software: Indispensable Tools for Researchers	Department of Mathematics, Baba Farid College, Bathinda, India & Department of Mathematics, Mizan-Tepi University, Ethiopia in collaboration with MathTech Thinking Foundation (MTTF), India	Research Methodology Workshop	11-02-2022
82.	Introduction to Quantum Computing	AICTE Training and Learning (ATAL) Academy, Tripura University	FDP	11-02-2022
83.	Webinar on Excellence in Teaching in Higher Education Institutions	UGC-HRDC University of Kashmir	Webinar	11-02-2022
84.	Teacher's Enrichment Workshop (TEW) on Real Analysis, Multivariable Calculus and Linear Algebra	Department of Mathematics, St. Joseph's College; TIFR	TEW	05-02-2022
85.	Blockchain Introduction for Developers	CEMCA APITA	MOOC	05-02-2022
86.	National Level Virtual Workshop on Algebra & Analysis	PG & Research Department of Mathematics, Sri Ramakrishna College of Arts & Science, Coimbatore	Workshop	02-02-2022
87.	One-day National Seminar on Application of Mathematics in Engineering and Science	Department of Mathematics, Pandit Deendayal Energy University, Gandhinagar, Gujarat, India	Seminar	31-01-2022
88.	Mathematical Sciences and their Applications: MSATA-2022	Department of Applied Mathematics, Yogi Vemana University, Kadapa	Conference	29-01-2022
89.	UGC Sponsored International Webinar on Publishing Research Articles	UGC-HRDC University of Kashmir	Webinar	29-01-2022
90.	Math Modeling and Computational Modeling	Department of Mathematics, CMR Institute of Technology, Bengaluru	Workshop	28-01-2022
91.	Quantum Computing for Real World Applications	AICTE Training and Learning (ATAL) Academy, Vishwakarma Institute of Technology Pune	FDP	21-01-2022
92.	International Workshop on Fractional Calculus and Computational Intelligence	Govt. MGM PG College, Itarsi (MP), India	Workshop	17-01-2022
93.	LaTeX Scientific Documentation	MathTech Thinking Foundation (MTTF), India	Workshop	16-01-2022
94.	Academic Counselling for ODL Learners (Cycle 3)	Commonwealth Educational Media Centre for Asia (CEMCA) and Odisha State Open University (OSOU)	MOOC	12-01-2022
95.	What are the Chances? Probability and Uncertainty in Statistics	Johns Hopkins University	MOOC	11-01-2022
96.	Mathematical Analysis	Department of Mathematics, Panjab University, Chandigarh conducted by Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 grant	FDP	10-01-2022
97.	Introduction to Statistical Analysis (Cycle 2)	CEMCA Kalinga Institute of Social Science	MOOC	07-01-2022
98.	Introduction to Quantum Information	Korea Advanced Institute of Science and Technology (KAIST)	MOOC	05-01-2022
99.	Arabic for Beginners: Introductory Course	Saint Petersburg State University	MOOC	01-01-2022
100.	Hypothesis Testing	Great Learning Academy	MOOC	01-01-2022
101.	Teacher's Enrichment Workshop (TEW) on Complex Analysis & Number Theory	The School of Basic Sciences, IIT Bhubaneswar; TIFR	TEW	31-12-2021
102.	Biography of Ramanujan	The Bhopal School of Social Sciences, Supported and Catalyzed	Webinar	31-12-2021

103.	Recent Developments in Mathematical Sciences and Engineering	AICTE Training and Learning (ATAL) Academy, Maharshi Dayanand University, Rohtak	FDP	26-12-2021
104.	15th International Conference (virtual) on Mathematical Sciences for Advancement of Science and Technology (MSAST 2021)	IMBIC, India	Conference	23-12-2021
105.	National Symposium on Mathematics and Applications (NSMA-2021)	Department of Mathematics, IIT Madras	Symposium	22-12-2021
106.	Astronomical Data Analysis using Python	TLC of Inter-University Centre for Astronomy and Astrophysics (IUCAA) supported by PMMMNMTT scheme of DOE, Government of India	MOOC	18-12-2021
107.	Two Days National Webinar on Python Programming	The Department of Mathematics, SNJB's KKHA Arts, SMGL Commerce & SPHJ Science College, Chandwad	Webinar	18-12-2021
108.	Computational Mathematics and Artificial Intelligence for Engineers	AICTE Training and Learning (ATAL) Academy, Dayananda Sagar College of Engineering	FDP	17-12-2021
109.	Teacher's Enrichment Workshop (TEW) on Functional Analysis	University of Kashmir; TIFR	TEW	12-12-2021
110.	Wavelets and its applications: Image Processing, Data Science and PDEs	Department of Mathematics, Manav Rachna University, Faridabad, India in collaboration with Department of Mathematics, IIT Indore, Indore, India	Conference	10-12-2021
111.	Teacher Development Certificate	EF SET	Test	09-12-2021
112.	National Webinar on Recent Trends in Mathematics-2021	PG and Research Department of Mathematics, Auxilium College, Vellore, Tamilnadu	Webinar	01-12-2021
113.	Basic Programming using Python	IITBombayX	MOOC	21-11-2021
114.	Computational Mathematics and Recent Advances in Management Principles	Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur	Workshop	19-11-2021
115.	Online Learning Design for Educators	Macquarie University	Specialization Certificate	18-11-2021
116.	IELTS Preparation	University of California, Irvine	Specialization Certificate	14-11-2021
117.	LaTeX for Professional Publication	Udemy John Wiley & Sons	MOOC	04-11-2021
118.	UGC Sponsored Webinar on MOOCs Development and Delivery	UGC-HRDC University of Kashmir	Webinar	30-10-2021
119.	International Conference on Class Groups on Number Fields and Related Topics-2021	Kerala School of Mathematics	Conference	24-10-2021
120.	National Conference on New Trends in Applied Mathematics (NCNTAM) 2021	Department of Mathematics, UIET, Chhatrapati Shahu Ji Maharaj University of Kanpur	Conference	12-10-2021
121.	Excel Data Analysis For Dummies	Udemy Tony Farley	MOOC	10-10-2021
122.	The story of Photoelectric Effect	CCE IIT Kanpur	MOOC	17-08-2021

123.	Professional Ethics	School of Computer Science and Engineering, Reva University, Bengaluru	Webinar	02-08-2021 06-08-2021
124.	Machine Learning with Python: A Practical Training	Department of Computer Science and Engineering, St. Joseph's Institute of Technology	Webinar	05-08-2021
125.	Development of Governing Equations of Fluid Flow	Department of Mathematics, KPRIET	Webinar	02-08-2021 03-08-2021
126.	Vigyan se Samaj tak	Indian Science Technology and Engineering facilities Map (I-STEM)	Webinar	31-07-2021
127.	Advanced Research Methodology	Department of Mechanical Engineering, Nanasaheb Mahadik College of Engineering, Peth	FDP	26-07-2021
128.	Complex Analysis & Its Applications with respect to Mathematical Software	Department of Mathematics, Rathinam College of Arts and Science, Coimbatore	Special Lecture	24-07-2021
129.	Using MATLAB with Python	MathWorks	Workshop	15-07-2021
130.	Applications of Rough Paths: Computational Signatures and Data Signatures	ICERM, Rhode Island	Conference	09-07-2021
131.	Blockchain for Developers	CEMCA Amity University Sofocle Labs	MOOC	02-07-2021
132.	Improving Assessment Through Bloom's Taxonomy and Rubrics	Manohar Memorial Education Society, Haryana under OE4BW, UNESCO	MOOC	21-06-2021
133.	Algebra: Elementary to Advanced	Johns Hopkins University	Specialization Certificate	19-06-2021
134.	Good with Words: Writing and Editing	University of Michigan	Specialization Certificate	18-06-2021
135.	Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions	University of Michigan	MOOC	18-06-2021
136.	Mathematical Software Workshop	Rice University	MOOC	13-06-2021
137.	Introduction to Statistical Analysis	CEMCA Kalinga Institute of Social Science	MOOC	10-06-2021
138.	Digital Literacy Lab for Educators	COL Commonwealth Centre for Connected Learning 3CL	MOOC	01-06-2021
139.	Problem Solving, Data Structures and Algorithms through Python	Amphisoft Technologies COL, Canada	MOOC	01-06-2021
140.	Academic Counselling for ODL Learners	Commonwealth Educational Media Centre for Asia (CEMCA) and Odisha State Open University (OSOU)	MOOC	30-05-2021
141.	LaTeX for Students, Engineers, and Scientists	IITBombayX	MOOC	28-05-2021
142.	Simplified Mathematics	Institute of Global Professionals	Webinar	25-05-2021
143.	Getting started with Google Workspace	Google Cloud	Specialization Certificate	24-05-2021

144.	Introduction to MATLAB	MathWorks	Webinar	21-05-2021
145.	LifeSkills for Engineers (Level 1)	CEMCA University of Hyderabad Osmania University	MOOC	17-05-2021
146.	How to Evaluate & Manage Google's Match Type Changes	simplilearn	MOOC	09-05-2021
147.	Data Analysis and Visualization Foundations	IBM	Specialization Certificate	07-05-2021
148.	Special Topics in Geometry	Institute of Global Professionals	Webinar	03-05-2021
149.	Blended Learning Practice	Commonwealth of Learning, Canada Athabasca University, Canada	MOOC	01-05-2021
150.	Linear Programming for Data Science	Great Learning Academy	MOOC	01-05-2021
151.	Python for Machine Learning	Great Learning Academy	MOOC	01-05-2021
152.	Multidisciplinary Research and Teaching (Part 2)	Institute of Global Professionals	Webinar	29-04-2021
153.	Multidisciplinary Research and Teaching (Part 1)	Institute of Global Professionals	Webinar	28-04-2021
154.	Trigonometry & Algebra Webinar	Institute of Global Professionals	Webinar	21-04-2021
155.	Introduction to Technology-Enabled Learning	Commonwealth of Learning and Athabasca University, Canada	MOOC	17-04-2021
156.	Basic Statistics	University of Amsterdam	MOOC	15-04-2021
157.	Research & Statistics the Easy Way	Institute of Global Professionals	Webinar	13-04-2021
158.	Teaching Pre-Calculus	Institute of Global Professionals	Webinar	11-04-2021
159.	Big Data Management and Analytics	Institute of Management Studies, Ghaziabad in collaboration with IBM	FDP	09-04-2021
160.	Presenting Data	HP LIFE HP Foundation	MOOC	08-04-2021
161.	Research Methodology and Data Analysis (Sharpening Skills through MS Excel, SPSS, MATLAB and R)	TLC Ramanujan College, University of Delhi	Refresher Course	07-04-2021
162.	Teaching & Learning Mathematics	Institute of Global Professionals	Webinar	05-04-2021
163.	Refresher Course in Mathematics	TLC Ramanujan College, University of Delhi	Refresher Course	30-03-2021
164.	Online Tools for Effective Teaching	AICTE Training and Learning (ATAL) Academy, NIT, Srinagar	Workshop	30-03-2021
165.	Using Open Educational Resources for Online Learning	COL Canada PACFOLD Learn	MOOC	29-03-2021
166.	Introduction to Tensor Flow Machine Learning	Alison (CRD Certified Service)	MOOC	28-03-2021
167.	The Data Scientist's Toolbox	Johns Hopkins University	MOOC	25-03-2021
168.	Learning to Learn Online Express*	Athabasca University, Canada	MOOC	21-03-2021

169.	Teaching Mathematics	Institute of Global Professionals	Webinar	21-03-2021
170.	Application of Statistical Methods in Social Research	AS Patil College of Commerce, Vijayapura, Karnataka	Workshop	15-03-2021
171.	Introduction to Numerical Analysis	Higher School of Economics, National Research University, Moscow, Russia	MOOC	15-03-2021
172.	Awareness of Statistical Software (R, PYTHON, SAS, SPSS)	ISPS		14-03-2021
173.	International GeoGebra Conference	Math4all	Conference	13-03-2021
174.	Meta Social Media Marketing	Meta	Specialization Certificate	11-03-2021
175.	Introduction to Fundraising	Philanthropy University	Online Course	11-03-2021
176.	Quality Education: Blackboard to Techboard in the Post COVID Scenario	IQAC Hislop College, Maharashtra in collaboration with NAAC, Bangalore	Workshop	10-03-2021
177.	International Open Data Day-2021	Central Library, Abdul Ahad Azad Memorial Degree College Bemina in collaboration with Open Knowledge Foundation (United Kingdom)	Webinar	08-03-2021
178.	Historical Development of Mathematics	Ramniranjan Jhunjhunwala College of Arts, Science & Commerce, Ghatkopar, Mumbai	Webinar	07-03-2021
179.	Mindset's Positive Psychology webinar	Mindset	Webinar	07-03-2021
180.	Possibilities of Research, Research Methodology & Research Paper Writing	Nachiketa College of Computer Science Commerce & Advanced Technology Vijay Nagar, Jabalpur, MP	FDP	06-03-2021
181.	Blended Learning Practice	Commonwealth of Learning, Canada Athabasca University, Canada	MOOC	06-03-2021
182.	Research Methodology with Scientific Tools	Shri Rawatpura Sarkar University, Raipur, Chhattisgarh	FDP	05-03-2021
183.	Basics of Exploratory Data Analysis	Great Learning Academy	MOOC	01-03-2021
184.	Probability for Data Science	Great Learning Academy	MOOC	01-03-2021
185.	Communication Foundations PMI	LinkedIn Learning	MOOC	01-03-2021
186.	Be an Online Tutor in 24 Hours Course	Hamdan Bin Mohammed Smart University	MOOC	28-02-2021
187.	EF Standard English Test	EF SET	Certificate Course	27-02-2021
188.	Computer Literacy for Windows 10	LinkedIn Learning	MOOC	25-02-2021
189.	Learning to Learn Online	Athabasca University, Canada Contact North Contact Nord, Canada	MOOC	21-02-2021
190.	Winter School 2021- Innovations in Teaching	Sri Pratap College, Srinagar, J&K	Winter School	03-02-2021 17-02-2021
191.	In the Studio: Postwar Abstract Painting	The Museum of Modern Art (MoMA)	MOOC	07-02-2021

192.	Design of Experiments (DOE) & Optimization Techniques	Department of Mechanical Engineering, Vemu Institute of Technology, Andhra Pradesh	Course	23-01-2021
193.	What Is Contemporary Art?	The Museum of Modern Art	MOOC	22-01-2021
194.	Differential Calculus through Data and Modeling	Johns Hopkins University	Specialization Certificate	21-01-2021
195.	Microsoft Access 2010 - Revised 2017	Alison (CPD Certified Service)	MOOC	17-01-2021
196.	Introduction to R	Great Learning Academy	MOOC	01-01-2021
197.	A Life of Happiness and Fulfillment	Indian School of Business, ISB	MOOC	27-12-2020
198.	Academic English: Writing	University of California, Irvine	Specialization Certificate	30-12-2020
199.	Mental Health and Career Counselling	Amar Singh College, Srinagar, J&K, India	Webinar	29-12-2020
200.	Teaching Mathematics with Technology	Commonwealth of Learning, Canada	MOOC	27-12-2020
201.	SAS Statistical Business Analyst	SAS	Specialization Certificate	26-12-2020
202.	Cryptography	University of Maryland	MOOC	23-12-2020
203.	Online International Conference on "History and Development on Mathematics" (ICHDM2020) to Commemorate 133rd Birth Anniversary of Srinivasa Ramanujan	Department of Mathematics, Maharshi Dayanand University Rohtak	Conference	22-12-2020
204.	Training and Learning Online	University of Leeds	MOOC	30-11-2020
205.	Epilepsy Awareness Session	Techfest, IIT Bombay	Webinar	08-11-2020
206.	Understanding Open Educational Resources	COL Canada	MOOC	06-11-2020
207.	Teaching in a Digital Age	COL Canada	MOOC	06-11-2020
208.	Excel for Beginners	Great Learning Academy	MOOC	01-11-2020
209.	C++ Classes and Objects	Coursera Project Network	Project	31-10-2020
210.	MOOC and Blended Learning	Tsinghua University	MOOC	23-10-2020
211.	Handling Imbalanced Data Classification Problems	Coursera Project Network	Project	28-10-2020
212.	Single Variable Calculus	University of Pennsylvania	MOOC	18-10-2020
213.	Precalculus through Data and Modelling	Johns Hopkins University	Specialization Certificate	16-10-2020
214.	Introduction to Computers and Office Productivity Software	The University of Edinburgh	MOOC	15-10-2020
215.	Digital Footprint	The University of Edinburgh	MOOC	15-10-2020
216.	Introduction to Computers and Office Productivity Software	The University of Edinburgh	MOOC	15-10-2020

217.	Digital Footprint	The University of Edinburgh	MOOC	15-10-2020
218.	SAS Visual Business Analytics	SAS	Professional Certificate	12-10-2020
219.	Astrobiology and the Search for Extraterrestrial Life	The University of Edinburgh	MOOC	10-10-2020
220.	Introduction to Complex Analysis	Wesleyan University	MOOC	10-10-2020
221.	Differential Equations for Engineers	The Hong Kong University of Science and Technology	MOOC	05-10-2020
222.	Fibonacci Numbers and the Golden Ratio	The Hong Kong University of Science and Technology	MOOC	01-10-2020
223.	Understanding Research Methods	University of London	MOOC	01-10-2020
224.	Introduction to Logic and Critical Thinking	Duke University	Specialization Certificate	30-09-2020
225.	An Intuitive Introduction to Probability	University of Zurich	MOOC	30-09-2020
226.	Vector Calculus for Engineers	The Hong Kong University of Science and Technology	MOOC	30-09-2020
227.	An Intuitive Introduction to Probability	University of Zurich	MOOC	30-09-2020
228.	Mental Health Session	Techfest, IIT Bombay	Webinar	26-09-2020
229.	Critical Thinking for Better Judgment and Decision-Making ^{PMI}	LinkedIn Learning	MOOC	17-09-2020
230.	Introduction to Mathematical Thinking	Stanford University	MOOC	08-09-2020
231.	Vector Calculus for Engineers	The Hong Kong University of Science and Technology	MOOC	03-09-2020
232.	Introduction to Psychology	University of Toronto	MOOC	01-09-2020
233.	Welcome to Game Theory	The University of Tokyo	MOOC	31-08-2020
234.	Discrete Mathematics	Shanghai Jiao Tong University	MOOC	28-08-2020
235.	Introduction to Calculus	The University of Sydney	MOOC	15-08-2020
236.	Introduction to Philosophy	The University of Edinburgh	MOOC	14-08-2020
237.	Psychological First Aid	Johns Hopkins University	MOOC	14-08-2020
238.	COVID-19 Contact Tracing	Johns Hopkins University	MOOC	13-08-2020
239.	Programming Foundations: Fundamentals	LinkedIn Learning	MOOC	12-08-2020
240.	Data Science Math Skills	Duke University	MOOC	10-08-2020
241.	COVID-19: Psychological First Aid	UK Health Security Agency	MOOC	31-07-2020
242.	Working on your own Mathematics	The Open University	MOOC	17-07-2020

243.	Microsoft Excel 2010 - Revised 2017	Alison (CPD Certified Service)	MOOC	07-07-2020
244.	Microsoft Word 2010	Alison (CRD Certified Service)	MOOC	05-07-2020
245.	Research Interests in Pure & Applied Sciences	School of Pure & Applied Sciences, Sabarmati University, Ahmedabad Gujarat	Webinar	15-11-2019 19-11-2019
246.	One-week National Level Workshop on Machine Learning and Mathematical Modelling	Jammu and Kashmir Institute of Mathematical Sciences (JKIMS) in collaboration with Islamic University of Science and Technology (IUST)	FDP	03-12-2018
247.	2-Day National Level Workshop on Geometrical Interpretation of Mathematical Concepts	Dept. of Mathematics, University of Kashmir	Workshop	28-08-2018 29-08-2018
248.	General Orientation Course for Assistant Professors of Higher Education Department, J&K Government	Institute of Advanced Studies in Education (IASE), Srinagar	Orientation Course	24-10-2016