

NAJAF ALI WANI

#Assitant Professor Junior , Vellore institute of technology , #Vellore , #India
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<https://vit.ac.in/school/allfaculty/sas/mathematics>

EMPLOYMENT

*[2017 – 2019]**Lecturer**.BOYS HIGHER SECONDARY, SRINAGAR.

RESEARCH INTERESTS

#Supply chain , # Optimization , # Carbon reduction , # Waste Management , # Water treatment ,

EDUCATION

- [2020 July – 2024 MAY]
Ph.D., Mathematics, VELLORE INSTITUTE OF TECHNOLOGY DEPARTMENT OF MATHEMATICS AND OPERATION RESEARCH VELLORE.
Thesis title: *ANALYSIS OF SUSTAINABLE INVENTORY MODELS FOR DIFFERENT DEMAND AND DETERIORATING ITEMS WITHIN CIRCULAR ECONOMY FRAME WORK.*
- [2014 – 2016]
M.Sc. MATHEMATICS , ALIGARH MUSLIM UNIVERSITY in ALIGARH INDIA .
Thesis title: *NON-CONVEX MAPPING FOR BANACH SPACES .*
- [2010 – 2014]
B Sc. MATHEMATICS , ALIGARH MUSLIM UNIVERSITY in ALIGARH INDIA .
Thesis title: *NUMERICAL ANALYSIS OF DIFFERENT ROOTS.*

PUBLICATIONS

Journal paper

- Wani, N. A., Mishra, U. (2022). An integrated circular economic model with controllable carbon emission and deterioration from an apple orchard. *Journal of Cleaner Production*, 374, 133962. <https://doi.org/10.1016/j.jclepro.2022.133962>. (I.F: 11.072)
- Wani, N. A., Mishra, U. 2023. “A Sustainable Municipal Solid Waste Supply Chain Management with Biodiesel Energy Production Using Microwave Technology.” *Environment, Development and Sustainability*. doi: 10.1007/s10668-023-04039-6.(I.F: 4.9).
- Wani, N. A., Mishra, U. 2024. “Lifecycle Assessment Analysis and Electro-Spinning Technique for a Sustainable Fiber Bottle Production System with Controllable Waste and Wastewater Treatment.” *Journal of Cleaner Production* 141026. doi: 10.1016/j.jclepro.2024.141026. (IF: 11.072)

CONFERENCES

Paper Proceeding and Invited Speaker

- Participated in virtual International Conference on “Cleaner production and Sustainability” conducted by De La Salle University, Philippines on 12-13 December 2021.
- Participated in virtual International Conference on “Soft Computing Techniques and Cost Optimization for Inventory Modelling” conducted by Techno India University, West Bengal on 10-11 October 2021.
- Participated in the workshop on “Development of Research Skills in Mathematical Aspects” held at Vellore Institute of Technology, Vellore, India from 25-29 April 2022.
- Participated in the virtual conference on “Mathematics and its application for the digital era” conducted by SRM University.
- Participated in the international conference on “ Mathematical modeling and its applications” conducted by NIT, Trichy, Trichappali on 15-17, December 2022.
- Participated in recent trends in optimization workshop conducted by VIT Vellore 21-22, June 2023.
- Invited Speaker Thiruvular University India.
- Attended a workshop on Research Methodology in Mathematics held at the Department of Mathematics, Central University of Kashmir, from 23rd to 29th November 2017.
- Attended International Conference on Algebra, Geometry, Analysis and their Applications (ICAGAA-14), Department Department, Jamia Millia Islamia, New Delhi from November 27–November 29, 2014.

- Attended a workshop on the Role of Mathematics in Science Engineering and Technology held on 26 March, 2012 organized by the Department of Mathematics NIT, Srinagar, India.
- Attended the Advanced Level Workshop on “Nonlinear Functional Analysis It’s Applications” (NFAA-2013) sponsored by DST, Government of India held at University of Kashmir, Srinagar, India during the period October 21-29, 2013.
- Attended a National Conference on “Recent Advances in Applied Mathematics” held by ITM University Gurgaon on 18th February 2012.
- Attended the 9th JK Science Congress held from 1st October to 3rd October 2013 organized by the University of Kashmir, Srinagar.

AWARDS

Young Reseacher Award

#Chennia, #India

OTHER EXPERIENCES

Assistant professor junior Vellore Institute of Technology.

ENGLISH & TESTS

(Academic): English profecincy certificate

SKILLS

- *[Languages] Strong reading, writing, and speaking competencies in English, India.
- *[Coding]]
- PHP, Python, R, SQL, XML/XSL, L^AT_EX, . . .
- *[Databases] MySQL, PostgreSQL, HSQL, SQLite, LotusNotes.
- *[Web Dev] HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server.
- *[Misc.] Academic research, teaching, training, consultation, L^AT_EX typesetting, and publishing.

REFERENCES

- Dr. Umakanta Mishra PhD, Post-Doc Mexico, Post-Doc Taiwan ROC Assistant Professor Department of Mathematics SAS, VIT, Vellore Mail id: umakanta.mishra@vit.ac.in Mob:9402358066
- Prof.Kaleem Raza Kazmi Qualification: Ph.D. Designation: Professor ThrustArea: NonlinearFunctionalAnalysis, VariationalInequalities Kabir Colony, Anoopshahr RoadAligarh202002(U.P.) India Mobile:9411804723 Telephone+919411804723 Email:krkazmi@gmail.com,kr.kazmi.mm@gmail.com
- Prof.M.Mursleen Department of Mathematics Aligarh MuslimUniversity Aligarh-202002, INDIA E-mail: mursaleenm@gmail.com Telephone:(0091)-571-2720241:09411491600(Mobile) WebPage:http://mursaleenm.tripod.com
- Dr.OmeshAnsari ResearchProfessor NanobiotechnologyLab, RoomNo.302-1 School of Chemical Engineering YeungnamUniversity RepublicofKorea E-mail:omaishchem@ynu.ac.kr ContactNo:-+82-10-3140-5783.