



BAIG MUNTAJEEB ALI, | Associate Professor

Faculty Profile / Curriculum Vitae (تعلیمی تعارف) (شैक्षणیک परिچہ)

🏠	Aurangabad – 431005, Maharashtra, India.
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PERSONAL DETAILS

Name	Baig Muntajeeb Ali
Father's Name	Ashraf Ali Baig
Gender	Male
Marital Status	Married
Nationality	Indian
Languages	Urdu, English, Hindi, Marathi

KEY SKILLS

- Educational Technology, eLearning, MOODLE-LMS
- ICT in teaching-learning and evaluation
- Research methods, statistics, SPSS, R programming
- Machine Learning (ORANGE, R)

ADMINISTRATIVE ROLES

- Coordinator N.C.T.E. - PAR.
- Coordinator I.T.E.P. Program.
- Chief Superintendent / Deputy Chief Superintendent, MANUU, CTE-Darbhanga
- Member, Campus Management Committee, MANUU, CTE-Darbhanga

PROFESSIONAL MEMBERSHIPS

- Delphi panel expert reviewer: "Educational technology competency standards for 21st century Malaysian teachers" (University Sains Malaysia).
- Referee: *Computers & Education* (Elsevier); *IRRODL*.

ACHIEVEMENTS

Awarded for outstanding contribution in reviewing (2017) for the journal *Computers & Education* (Elsevier).

RESEARCH PROJECTS

1. **Title of Project:** Development of an AI-Powered Chatbot-based module on kinematics in Physics for Senior Secondary Students: A Study.
Year of Project Sanctioned: 2025.
Major / Minor: Minor.
Agency: Maulana Azad National Urdu University, Hyderabad.

Amount Sanctioned: Rs. 65,000.00.

CURRENT DESIGNATION / INVOLVEMENT

Current Designation	Associate Professor, College of Teacher Education – Darbhanga, Maulana Azad National Urdu University (Central University), Gachibowli, Hyderabad, Telangana, India.
Address (Institution)	Maulana Azad National Urdu University, College of Teacher Education, Near Kamran School, Ilyas Ashraf Nagar, Chandanpatti, Laheria Sarai, Darbhanga, Bihar 846002, India.
Address (Home)	Aurangabad – 431001, Maharashtra, India.
Work Experience	01/08/2003–till date (Teacher Education); 01/06/2000–30/07/2003 (UG, B.Sc. Physics).
Learning Management System	https://muntajeebmooc.in
Area of Specialization	Educational Technology, eLearning, Information and Communication Technology, MOODLE-LMS, Research, Statistics, SPSS, R Programming, Machine Learning.
Innovation / Collaboration	Developed a Social Networking Sites based Learning Management System using MOODLE; developed online courses at UG & PG level using MOODLE.
Academic / Administrative Experience	Teaching experience – 24 years; Chief Superintendent / Deputy Chief Superintendent (MANUU, CTE-Darbhanga); Member, Campus Management Committee (MANUU, CTE-Darbhanga).

EDUCATIONAL QUALIFICATION

- Ph.D. (Education), 2008. Title: *A critical study of mental ability of Junior College students, studying in science faculty*. Department of Education, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- N.E.T., S.E.T., M.Sc. (Physics), M.A. (History), M.Ed., and PGDEL.

TEACHING PROFICIENCY

Proficiency in use of ICT and eLearning in teaching, MOODLE-LMS, learning & evaluation, machine learning (ORANGE & R-Statistics), and SPSS.

SUPERVISION / CO-SUPERVISION

Awarded Ph.D.

1. Shaikh Masrrat Begum Sharfuddin. *A Study of the Impact of Implementation of Right to Information Act in Educational Institutions of Aurangabad District*. Awarded 16 June 2023. Institute: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
2. Ms. Nafisa Afsan. *Effectiveness of Modified Useful-Learning Approach on Students Achievement and Conceptual Understanding in Biological Science*. Awarded 12 Nov 2025. Institute: Maulana Azad National Urdu University, Hyderabad.

Pursuing Ph.D.

1. Mr. Md. Jahangir (CTE-Darbhanga, MANUU): *Effect of Self and Peer Perception on the Educational Aspiration of Children with locomotor disability in Secondary Schools: A Causal Comparative Study*.
2. Arasad Ayyub: *A Study of Muslims' Higher Education in relation to Gender, Economic Status and Socio-Cultural Perceptions in Varanasi*.
3. Md. Dilnawaz: *Effectiveness of Digital Geometry Tools on Problem Solving and Spatial Reasoning among Secondary Level Students*.
4. Shagufta Parween: *Influence of Personality Traits and Learning Styles on Technology Adaptation among Secondary School Students*.

M.Ed. Dissertation Supervision

Supervision of dissertations of 15 M.Ed. students.

RESEARCH PUBLICATION DETAILS

1. A critical study of effect of Web-Based software tools in finding and sharing digital resources – A literature review. *I-Manager's Journal of Educational Technology*, 7(3), 54–62, 2010. <https://doi.org/10.26634/jet.7.3.1343>
2. A Critical Study of Effectiveness of Online Learning on Students Achievement. *I-Manager's Journal of Educational Technology*, 7(4), 28–34, 2011. <https://doi.org/10.26634/jet.7.4.1391>
3. Effect of Social Networking sites in communication of information in distance Education – A literature review. *New Voices*, Vol. I (Issue 4), Dec 2011.
4. A study of Emotional Intelligence of Bachelor of Education (B.Ed.) students of Aurangabad City. (with M. M. Baig). *New Voices*, Vol. I (Issue 4), 2011.
5. Role of Instructional Design Models and their Place in Distance Learning. *Patron*, Vol. II (Issue XIII–XIV), Apr–May 2011.
6. Design and Application eLearning to enhance quality and accessibility to education. *Patron*, Vol. II (Issue XIII–XIV), Apr–May 2012.
7. A study of the parent's attitude towards girls' education at primary level in slum area. *Genius*, II(II), 108, 2014.
8. Learning disability in children: A theoretical overview (pp. 82–88). *Galaxy Link*, 2015.
9. Teaching interest in B.Ed. trainees at the entering level with respect to gender and subject stream. *International Journal of Applied Research*, 2016.
10. A Study of Application of Learning Management System (LMS) MOODLE in Communication of Information – A Literature Review. *ROYAL International Conference*, Vol. VI, Issue II, 2017.
11. Analyzing Stress Management Among Higher Secondary School Students of Aurangabad City, with respect to gender. *Galaxy Link*, Vol. VI, Issue I, 2017–18.
12. Effectiveness of Interactive Smart Board (ISB) in the teaching of science subject – A literature review. *Ajanta (Conference)*, Vol. VII, Issue III, 2018.
13. Role of Education and Family in the Construction of Gender Identity among Secondary and Higher School Children. *Ajanta (Journal)*, Vol. VII, Issue IV, 2018.
14. To study the effect of peer support on classroom interaction of differently abled students. *International Journal of Reflective Research in Social Sciences*, 2(1), 2019.
15. To Study the Effect of Inclusive Environment on Differently Abled Children – A literature review. *Scholarly Research Journals for Interdisciplinary Studies*, 6(50), 2019.
16. To Study the Impact of Home-schooling on Students Achievements – A simple literature review. *International Journal of Science and Research*, 8(5), 2019.
17. To Study the Barriers in Implementing Flipped Classroom: A review of selected literature. *Journal of Emerging Technologies and Innovative Research*, 6(5), 2019.
18. The Effect of Social Networking Site's (SNS), #MeToo movement on gender sensitization and inequality among women of weaker sections of society – A critical review. *World Journal of Engineering, Research and Technology*, 5(3), 2019.
19. Impact of Massive Online Open Courses (MOOCs) on Students' Achievement – A research review. *IJRAR*, 6(2), 2019.
20. A critical reflection on digital initiation by Government of India for Higher Education. *Excel Journal of Engineering Technology and Management Science*, 2019.
21. Role of Mother Tongue (L1) in Developing Mental Abilities of Junior College Students Studying in Science Faculty – A comparative study. *TOJQI*, 10(4), 2019.

22. Tools for developing e-content in Urdu language. *Ajanta*, Vol. IX, Issue I, 2020.
23. Sentiments of Social Media Users towards Web Education – A data mining techniques. *Webology*, 18(6), 2021.
24. فلیڈ کالس روم – جدید دوریک ایک موثر طریقہ تدریس۔ *Excel Journal of Engineering Technology and Management Science*, Vol. 1, No. 13, May 2022.
25. Attitude of Teachers, Students and Parents towards Continuous and Comprehensive Evaluation. *International Journal of Early Childhood and Special Education*, 14(2), 2022.
26. Influence of Artificial Intelligence Technology on Teaching Slow Learners. *International Journal of Early Childhood and Special Education*, 14(4), 2022.
27. Study on Early Childhood Education Ideas Concepts and Practices in Big Data. *INT-JECSE*, 14(5), 2022.
28. School Teachers' perception towards using LMS-MOODLE in teaching science to students of Aurangabad City. *NeuroQuantology*, 20(5), Aug 2022. <https://www.neuroquantology.com/issue.php?volume=28&issue=127&page=41>
29. A Critical Reflection on Digital Education and Digital Divide in India with special reference to NEP-2020. *International Journal of Food and Nutritional Sciences*, 11(1), 2022.
30. Applications of 5G Technology in E-Learning: An empirical study. *International Journal of Food and Nutritional Sciences*, 11(1), 2022. <https://doi.org/10.48047/IJFANS/S1/106>
31. Long-Term Sustainability of Online Teaching and Learning in a Post-Covid Scenario: An empirical study. *International Journal of Food and Nutritional Sciences*, 11(3), 2022. <https://doi.org/10.5281/zenodo.8079489>
32. A comparative study of dietary patterns among higher secondary school students during Covid-19 and post Covid-19 pandemic. *International Journal of Food and Nutritional Sciences*, 11(2), 2022. <https://doi.org/10.5281/zenodo.8079507>
33. Teacher Education and Professional Growth: Insights and Reflections from the Field. *BioGecko*, 12(2), 2023. <https://doi.org/10.5281/zenodo.8079526>
34. Machine Learning Methods for Online Education Case. In: *IEEE ICONSTEM 2023*. <https://doi.org/10.1109/ICONSTEM56934.2023>
35. Integrating Machine Learning in Teaching and Education. *SciTech Conferences*, IEEE Xplore, 2023.
36. An Examination of Communicative Style of Learning among Children with Cognitive Disabilities – A clinical study. *Journal for ReAttach Therapy and Developmental Diversities*, 2023.
37. A Detailed Exploration of Artificial Intelligence and Digital Education and Its Sustainable Impact on the Youth of Society. In: *Proceedings of ICMET 2021*, Springer, 2023. https://doi.org/10.1007/978-981-19-0108-9_15
38. Application of Artificial intelligence Assisted Robots to Improve the Educational Outcome for Special Children in Disability Education. *Journal for ReAttach Therapy and Developmental Diversities*, 6(9s), 2023. <https://www.jrtdd.com/index.php/journal/article/view/1038/704>
39. Exploring the Innovative Teaching Methods in Educational Psychology. *Journal for ReAttach Therapy and Developmental Diversities*, 2023. <https://www.jrtdd.com/index.php/journal/article/view/1281/874>
40. Unleashing Stress Monitoring and Management in Real-Time through Wearable Technologies. *Ajanta*, 13(4), Oct-Dec 2024.
41. A Comparative Study of the Educational and Philosophical Thoughts of Dr. B. R. Ambedkar, Jyotirao Phule, Periyar, and Savitribai Phule. *Annals of the Bhandarkar Oriental Research Institute*, 2025.
42. An Analytical Study of Human Values and Social Values, Egalitarian and Equalitarian Thoughts in the Indian Knowledge Tradition. *Urban India*, 45(1), 2025.
43. The Humanistic Perspective of Jyotiba Phule and Periyar and the National Education Policy of 2020. *Annals of the Bhandarkar Oriental Research Institute*, 2022.
44. Educational Philosophy of Mahatma Tathagat Gautam Buddha in the 21st Century. *The Research Dialogue*, 3(4), Jan 2025.
45. Problems of Educational Backwardness in Bihar, Suggestions for Improvement, and an Analysis of Important Educational Upliftment Schemes by the Bihar Government. *The Research Dialogue*, 1(1), Apr 2025.
46. Impact of AI Based Teaching on Disabled Students. *International Journal of Innovative Science and Research Technology*, 10(12), Dec 2025.
47. Dilnavaz, M., & Ali, B. M. (2026). A study of attitude towards mathematics among secondary school students in relation to their institutional factors. *Jamshedpur Research Review*, 1(76). ISSN 2320-2750.
48. Dilnavaz, M., & Ali, B. M. (2026). Perspective on the professional development of female teachers through ICT: Current trends and prospects. *Ideal Research Review*, 84(1), Article 15661688. ISSN 0973-0583.

PATENTS

1. Educational approaches using 3D printing and Internet of Things (IoT). CGPDTM, Patent No. 202141061359 (2022). <https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/PatentDetails>
2. Development and Optimization of a Higher Education Management System Using Data Mining Technology. CGPDTM, Patent No. 202211008812 (2022). <https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/PatentDetails>
3. Design Block Chain based Model and its role in Developing systems of Education. CGPDTM, Patent No. 202211008780 (2022).
4. Analysis of digital education technique through artificial intelligence and machine learning algorithms. CGPDTM, App. No. 202311006158A (Publication: 06/2023; Filing: 10 Feb 2023).
5. Implementation of techniques to analyse the role of

machine learning in linear algebra. CGPDTM, App. No. 202331005288 (Publication: 06/2023; Filing: 27 Jan 2023).

BOOKS PUBLISHED

Single Author / Primary Author

1. *Cognitive Abilities and Language Development*. Lambert Academic Publishing, 2022. ISBN 978-620-0-25550-1.
2. *Essentials of Educational Psychology – For Learners & Teachers*. Akinik Publications, 2022. ISBN 978-93-5570-312-5.
3. *Essentials of Educational Statistics*. Baig Muntajeeb Ali, Rajesh Elayedth, Naveen Kumar, Sathesh Babu. KAAV Publications (Delhi), 2023. ISBN 978-93-88996-68-6.

Co-author / Editor

1. *Research Methodology*. Co-authors: Akash Bag, Harshitha Y. S., Suvarna Bhadane. Book Rivers, 2022. ISBN 978-93-5515-467-5.
2. *Problem Solving and Creative Thinking*. Co-author / editor: Deepak Narang, K. Santhanalakshmi, Veer Bhadra Pratap Singh. Book Rivers, 2023. ISBN 978-93-5515-906-9.

Book Chapters (Edited Volumes)

1. "Adoption of Online and Blended Learning in India: A Qualitative Perspective." In: *Recent Advances in Mathematics, Statistics, Commerce, Management, Education, Psychology and Post Covid Business Strategies*, Vol. 1 (Ed. Megha Mittal). Iterative International Publishers / Selfpage Developers Pvt. Ltd., 2022. ISBN 978-93-95632-12-6.
2. "Perception of Prospective Teachers towards use of Social Networking Sites in Practice Teaching during COVID-19 Pandemic." In: *Sustainable Development Strategies in Business & Technology, Education & Agriculture Science*. CODEX International Publishers, 2023. ISBN 978-93-94799-21-9.
3. "The Impact of Technology and Digital Platforms on the Enhancement of the Delivery and Effectiveness of the International Teacher Education Program (ITEP)." In: *National Education Policy – 2020: Approaches and Strategies*. A.K. Publications, 2023. ISBN 978-93-95033-60-2.
4. "Samvidhan Nirmata Dr. Ambedkar's proposal for

the social, educational, and political empowerment of the deprived classes in the vision of Modern India." In: *Samvidhan Nirmata*. Bundelkhand Publishing House (UP), 2025. ISBN 978-81-985538-1-2 (pp. 13–41).

Book Editor

- *Sustainable Development Strategies in Business & Technology, Education & Agriculture Science*. Editors: Dr. Baig Muntajeeb Ali, Dr. Mohd. Shaikhul Ashraf, Prof. P. Horsley Solomon, Dr. Ram Kinkar Pandey, Dr. Amna Mirza, Dr. Rajni. CODEX International Publishers, 2023. ISBN 978-93-94799-21-9.

INVITED LECTURES (SELECTED)

1. Online Research Methodology Workshop: "Key Concepts of Research Methodology in Social Sciences." MANUU (UGC STRIDE Task Group), 17–21 Aug 2020.
2. Five-day Online Workshop (Urdu medium teachers, Telangana): "Teaching Physical Science through Flipped Classroom." MANUU CPDUMT & Telangana State Urdu Academy, 23 Oct 2020.
3. Five-day Online Workshop: "e-content development." MANUU CPDUMT & Telangana State Urdu Academy, 21 Oct 2020.
4. Seminar: "Use of Technology in Education." Commerce Department, MANUU, 10 Aug 2021.

PAPERS PRESENTED (SELECTED)

1. International Seminar (Online), Kathmandu, Nepal (3–4 Apr 2023): "Role of Education in Development of Technology in India."
2. International Conference (Online), New Delhi (10–12 Feb 2023): Issues related to empowerment of Pasmanda Muslim Women in India.
3. National Seminar, NCPUL (28 Mar 2022), Darbhanga: "Adab-e-Atfal aur Social Networking Sites (SNS) mei is ka itlaaq."
4. UGC Sponsored National Seminar (22–23 Mar 2020), Acharya Nagarjuna University: "Challenges in implementation of Digital Technology in Higher Education in India: In perspective of NEP 2020."

(Baig Muntajeeb Ali)