

MD. JAWAID HUSSAIN

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QUALIFICATION

Md. Jawaid Hussain did his B.Sc. (Honours) and M. Sc. in Botany from Lalit Narayan Mithila University, Darbhanga (Bihar). Thereafter, he completed his B. Ed. from Aligarh Muslim University, Aligarh and M. Ed. from Jamia Millia Islamia, New Delhi. Subsequently, he was awarded a Ph.D. in Education from the Department of Educational Studies, Jamia Millia Islamia.

PAST EXPERIENCE

Jawaid started teaching as a hobby, which developed into a passion and finally became his calling. He has been an education nomad with a chequered employment trajectory. Having worked at almost all stages of school education (for around 7 years) and higher education (for around 10 plus years), he is presently an *assistant professor (science education)* in the Department of Educational Studies, Jamia Millia Islamia. Before this, he has also served as an assistant professor in Maulana Azad National Urdu University, Hyderabad, Azim Premji University, Bangalore, Central Institute of Education, University of Delhi, and State Institute of Education and Training (SCERT), Delhi. He has taught EVS, Science, and Biology in primary and secondary level schools and has developed and taught courses on Science Education (which include the history, philosophy, sociology and language of science), Curriculum Studies and Teacher Education at Ph.D., PG and UG levels.

While he knows Urdu, Maithili, Hindi, and English, he writes and translates in three languages—English, Hindi, and Urdu. He has also dabbled in poetry writing (pen name: “*Jawaid Saabir*”) since 1995 and some of his literary pieces have been published in various students’ magazines of AMU and Jamia. As a resource person, he has regularly contributed to various continuous professional development programs of school and university teachers and has been part of the NCERT committee which developed the guidelines for 50 hours of Continuous Professional Development for teachers. He has also contributed as Chairperson of the Focus Group Position Paper on Curriculum Studies prepared by SCERT, Haryana.

AREA(S) OF INTEREST

Jawaid’s current research interests focus on studying science and science education from an interdisciplinary perspective involving the history, philosophy, sociology and language of science. He is also interested in studying the history and political economy of teacher education; and the politics of educational reform and curriculum change in India and other parts of the world.

PUBLICATIONS (Selected)

Chapters in Edited Books

- Gupta, C. & Hussain, M. J. (2025). “Reimagining Mathematics Education for a Post-Pandemic World”, in Kaur, S. & Chaudhary, P. (Eds.). *COVID-19 and Education in India: Impact on Access, Inclusion and Learning*. New Delhi: Routledge. (ISBN No. 978-10-32609-75-1)

(Forthcoming) https://www.routledge.com/COVID-19-and-Education-in-India-Impact-on-Access-Inclusion-and-Learning/Kaur-KumarChoudhury/p/book/9781032609751?srsltid=AfmBOopeZxHBWkDz9m8Wu4kcICiiMUOfMRfbmD_WsbNMijRfV6_eIFn

- **Hussain, M. J.** & Gupta, C. (2023). “Interweaving Cultural Contexts in Mathematical Explorations”, in Dkhar, F. G. & Saigal, S. (Eds.). *Shifting Focus in School Curriculum: From Content Based Learning to Competency Based Learning*. (pp.158-178). Shillong: Eastern Panorama Offset, Shillong & NERIE. (ISBN No. 978-93-93414-17-5)
- **Hussain, M. J.** (2023). “Vigyan ka Samajshastreeya Adhyayan: Vigyan Shiksha ko Samaweshi evam Pramanik Bananane ke liye Kuchh Vichar”, in Dewan, H. K. & Saxena, S. (Eds.). *Vigyan, Vigyan Shiksha aur Samaj*. (pp.132-162). New Delhi: Vani Prakashan. (ISBN No. 978-81-19014-47-7)
- **Hussain, M. J.** (2021). “Taking Science to All: Pedagogic Considerations for Preparing Inclusive Science Teachers”, in Sharma, Y. & Gandhi, H. (Eds.). *Inclusion in Schools: Perspectives and Possibilities*. (pp.55-69). New Delhi: Shipra Publications. (ISBN No. 978-93-88691-82-6)
- Gupta, C. & **Hussain, M. J.** (2015). ‘Mathematical Experiences of Working Class Minority Students: The Story of *Shahid* and *Abid*’, in Sehgal, A, Mukhopadhyay, R. & Rosily TL. (Eds.). *Inclusion: Rainbow or Chaos*. (pp.151-168). New Delhi: Pinnacle Learning. (ISBN: 978-93-83848-171)

Research Papers in Journals

- **Hussain, M. J.** (2023). ‘Demystifying Science: A Brief History of the Word “Scientist” and the Development of Science as a Profession’. *Voices of Teachers & Teacher Educators*, **12** (2), 25-40. ISSN 2455-1376.
- Gupta, C. & **Hussain, M. J.** (2023). ‘Foregrounding Socio-Political Dimensions of Learning Mathematics: Some Field Observations from Delhi and Bihar’. *Journal of Indian Education*, **49** (1), 118-135. ISSN 0377-0435 (Print), 0972-5628 (Online)
- **Hussain, M. J.** (2023). “Scientist” (Vaigyanik) shabd ka sankshipt itihās evam vigyan ka vyavsayikaran”. *Samajik Vimarsh*, **6** (2), 184-200. ISSN 2581-6543.
- Gupta, C. & **Hussain, M. J.** (2018). ‘Pre-Service Teacher Beliefs Concerning the Nature of Mathematics and Teaching-Learning of Mathematics’. *Indian Educational Review*, **5** (1), 101-114. ISSN 0019-4700 (Print), 0972-561X (Online)
- **Hussain, M. J.** & Gupta, C. (2017). ‘Commodifying Childhood: Early Childhood Education in Neo-liberal Regimes’. *The Signage*, **5** (1), 62-69. ISSN 2321 6530
- **Hussain, M. J.** & Gupta, C. (2016). ‘Gender and Education: The Challenges of Neo-Liberal Intervention’. *The Signage*, **4** (2), 109-117. ISSN 2321 6530
- **Hussain, M. J.** (2015). ‘Para teachers and Quality Elementary Education: Issues in Evaluating Teaching Effectiveness’. *The Signage*, **3** (1), 28-36. ISSN 2321 6530
- Kujur, A. S. & **Hussain, M. J.** & (2014). ‘Culture at Stake: Schooling and Identity Formation among Tribals’. *Indian Journal of Dalit & Tribal Studies*, **1** (2), 13-24. ISSN 2348 3490
- Amin, N. & **Hussain, M. J.** (2014). ‘Jamia Primary School: The Forerunner of Constructivist Pedagogy in Indian Education’. *Jamia Journal of Education*, **1** (1), 197-208. ISSN 2348 1757

Research Papers in Conference Proceedings

- Gupta, C. & **Hussain, M. J.** (2018). Measuring Practices, Cultural Contexts and Power Relations: A Study in Rural Bihar, in Ladage, S. & Narvekar, S. (ed.). *Proceedings of epiSTEME-7: International Conference to review research on Science, Technology and Mathematics Education* (pp. 26-33). Mumbai: Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research. (ISBN 978-93-86301-75-8)

- Gupta, C. & Hussain, M. J. (2014). “Street Mathematics: A Study of Computational Strategies Used by Young Vendors in Delhi?”. Proceedings of National Conference on Mathematics Pedagogy: Let’s Mathematise—Lessons from Practice (pp. 180-95). New Delhi: Jesus & Mary College, University of Delhi,. (e-ISBN 978-93-5156-280-1)
- Hussain, M. J. (2009). ‘Recruitment Scheme and Training Programs of Panchayat Prarambhik Shikshaks’. *Research Papers Presented in Young Scholars' Seminar* (pp. 102-118). New Delhi: Department of Educational Studies, Jamia Millia Islamia

PAPER PRESENTATION IN SEMINARS/CONFERENCES (Selected)

- Presented a paper titled, “National Exceptionalism, Post-Colonial Discourse and ‘Indianisation’ of Knowledge: Challenges for Preparing Science Teachers in Contemporary India” on 24th November 2024, at Punjab University, Chandigarh, in the *14th Annual International CESI (Comparative Education Society of India) Conference, 2024 on State, Market and Civil Society: Rethinking Education for Sustainable Futures*
- Presented a paper titled “विद्यालयी शिक्षा में कला एवं विज्ञान: एकीकरण की सम्भावनाएँ एवं समस्याएँ” on 11th August 2023 at Indian Institute of Science Education & Research (IISER), Mohali, in the *Three Day National Conference on विद्यालयी शिक्षा में कला एवं शारीरिक शिक्षा* organised by Azim Premji University, Bangalore
- Co-presented a paper titled “कला एवं गणित को जोड़ने में अन्तर्निहित सम्भावनाएँ एवं चुनौतियाँ” on 12th August 2023 at Indian Institute of Science Education & Research (IISER), Mohali, in the *Three Day National Conference on विद्यालयी शिक्षा में कला एवं शारीरिक शिक्षा* organised by Azim Premji University, Bangalore
- Co-presented a paper titled “Strengthening Teacher Education in India: A Study of Three Reform Documents” on 30th March, 2023 in the *Two Day National Conference on “Education Policy: Development, Analysis, and Impact”*, organised by the Department of Education, University of Calcutta
- Co-presented a paper titled “More than Just a Game: Strategy Games as Engaging Contexts for Mathematics Learning” on 2nd February 2023 in the *National Seminar on Shifting Focus in School Curriculum: From Content Based Learning To Competency Based Learning*, organised by the North East Regional Institute of Education (NCERT), Shillong
- Presented a paper titled “Interweaving Cultural Contexts in Mathematical Explorations” on 3rd February 2023 in the *National Seminar on Shifting Focus in School Curriculum: From Content Based Learning To Competency Based Learning*, organised by the North East Regional Institute of Education (NCERT), Shillong
- Presented a paper titled “Teaching Science for Fostering Scientific Temper: A Critical Appraisal” on 7th February 2019 in the *International Conference on Science Education* organised by the Regional Institute of Education, Bhopal
- Presented a paper titled “विज्ञान का समाजशास्त्रिय अध्ययन और विज्ञान शिक्षा को समावेशी बनाने की शैक्षणिक सम्भावनाएँ” on 15th October 2018 in a *National Seminar on Science Education* jointly organised by Azim Premji University, Bangalore and the Indian Institute of Science Education & Research (IISER), Mohali
- Presented a paper titled “Students and Teachers’ Images of Scientists: Pedagogic Considerations for Preparing Inclusive Science Teachers” on 9th March 2018 in *Two-day Symposium on Inclusion in School: Perspectives and Possibilities* organised by the Department of Education (Central Institute of Education), University of Delhi

- Presented a paper titled “Stereotypical images of Scientists held by Pre-Service Teachers: Implications for Teacher Preparation” on 24th November 2017 at the *National Seminar on Science Education* organised by Regional Institute of Education, Ajmer (NCERT)
- Presented a paper titled “Culture, Equity and Social Justice in Science Education: Implications for Teacher Preparation” on 27th February 2015 at the *National Seminar-Cum Workshop on Teaching Practice: Trends & Issues* organised by the Kishanganj Center, AMU, Aligarh
- Presented a paper titled “Prarambhik Shikshaks and the Quality of Education: Issues in Evaluating their Effectiveness” on 12th February 2014 at an Educational Symposium on *The Changing Contours of Indian Education—Issues & Challenges* organised by Shyama Prasad Mukherji College, University of Delhi
- Presented a paper titled “Gender and Education: The Challenges of Neo-Liberal Intervention” on 5th December 2013 at an *International Seminar on Public Policies and Empowerment of Marginalized Section of the Society* organised by the Centre for Distance Education, Aligarh Muslim University, Aligarh
- Co-presented a paper titled “Pre Service Teachers’ Beliefs Concerning the Nature of Mathematics and Teaching-Learning of Mathematics” on 21st December 2013 at the *National Conference on Developing Mathematics Teachers for Quality Learning for All* organised by the Regional Institute of Education, Ajmer (NCERT)
- Co-presented a paper titled “Commodifying Childhood: Early Childhood Education in Neo-liberal Regimes” on 22nd March 2013 at the *International Conference on Early Childhood Development: Small Steps to a Bright Future* organised by the Centre for Early Childhood Development & Research, Jamia Millia Islamia, New Delhi
- Co-presented a paper titled “Culture at Stake: Schooling and Identity Formation Among Tribals” on 15th March 2013 at the *National Seminar on Empowering Tribal Communities of India through Education* organised by the Department of Sociology & Social Anthropology, Indira Gandhi National Tribal University, Amarkantak (M.P.)

SUBJECT EXPERT/RESOURCE PERSON (Selected)

- Contributed as Subject Expert/Resource Person in a 5-Days National Workshop on *Development of Reference Materials in Urdu for teacher Education Programmes in the light of NEP-2020*, organised by the Department of Education in Languages, NCERT, New Delhi (from 2nd July 2024 to 6th July 2024)
- Contributed as Subject Expert/Resource Person in a 3-Days National Workshop on Preparation of Modules for Capacity Building of Teacher Educators titled *NEP-2020: Vision of Teacher Education*, facilitated by the Department of Teacher Education, NCERT, New Delhi (from 6th to 8th February 2023)
- Contributed as Subject Expert/Resource Person in a 3-Days National Workshop for Development of Implementation of Guidelines for Teacher Education Programmes titled *Reflections on ITEP*, facilitated by the Department of Teacher Education, NCERT, New Delhi (from 28th to 30th September 2022)
- Contributed as a Subject Expert/Resource Person in 3-Days Online National Review Meet on *Development of E-Content on Education for Sustainable Development for Teachers & Teacher Educators*, organised by the Department of Teacher Education, NCERT, New Delhi (from 8th to 10th March 2022)

- Contributed as a Resource Person/Module Writer in a 3-Days *National Workshop on Pilot Testing of Principal's Training Modules*, organised by College of Teacher Education, MANUU, Darbhanga (from 24th to 26th February 2022)
- Contributed as Subject Expert/Resource Person in a 6-Days National Workshop for the *Development of Guidelines for 50 hours Continuous Professional Development (CPD) Programme for School Teachers, Heads and Teacher Educators as envisaged in NEP-2020*, organised by the Department of Teacher Education, NCERT, New Delhi (from 13th to 15th December 2022; and 10th to 12th January 2022)
Document available on: <https://www.ncert.nic.in/pdf/Guidelines50HoursCpd.pdf>
- Contributed as a Resource Person in a 5-Days National Workshop on *Urdu Translation of Leadership Modules to Use in NISHTHA Integrated Teachers Training Programs*, organised by the Department of Languages, NCERT, New Delhi (from 23rd December 2019 to 26th December 2019)
- Contributed as a Subject Expert/Resource Person in a 3-Days National Workshop on *Finalisation of Course Material for the Certificate Course on Curriculum Design*, organised by the Department of Curriculum Studies, NCERT, New Delhi (from 22nd November to 25th November 2019)
- Contributed as a Subject Expert/Resource Person in a 3-Days National Workshop on *Material Development* organised by the Inter University Centre for Teacher Education, CASE, M. S. University, Baroda (from 22nd to 24th October 2018)
- Contributed as Subject Expert/Resource Person in the 6-Days *National Workshop for Validation of Concepts and Concept Maps and their Translations in Hindi for National Repository of Open Educational Resources (NROER)*, organised by the Central Institute of Educational Technology, NCERT, New Delhi (from 16th to 17th April 2014; and 23rd to 25th April 2014)

INVITED LECTURES (Selected)

- Delivered a lecture titled “What’s in a name?” ‘The Hidden History of a Popular Honorific’ on 22nd August 2024 in the *Research Colloquium* of the Department of Educational Studies, Jamia Millia Islamia
- Delivered a lecture titled “Jamia Millia Islamia and the Idea of India” on 15th August 2024 at Aruna Asaf Ali Hostel, JMI in an event organised on the eve of the 78th Independence Day by the Hall of Girls’ Residence (Old), Jamia Millia Islamia
- Delivered a lecture titled “Maulana Azad’s Vision and the Post-Independence Reconstruction of Education in India” on 11th November 2024 in an *online lecture to commemorate National Education Day* organised by the Department of Community Education & Disability Studies, Panjab University, Chandigarh
- Delivered a lecture titled “Curriculum Reforms and the Teacher: Some Critical Insights” on 17th May 2024 in *Teachers’ Capacity-Building Workshop* organised by MTB, Delhi
- Delivered a lecture titled “The Reality of Common Perceptions Regarding Teaching” on 22nd April 2024, in the *Teachers’ Empowerment Lecture Series No. 4*, organised by MTB, AITA & FMEI
- Delivered a lecture titled “Outcome Based Education: A Historical Perspective” on 3rd April 2024 in *Faculty Development Programme*, organised by the Institute of Vocational Studies, Sheikh Sarai, Delhi

- Delivered a lecture titled “Two Women and the Making of Jamia: A Glimpse into the Lives of Abadi Bano Begum and Gerda Philipsborn” on 9th March 2024 in an *online event* organised by the students of Jamia’s Bi-Amma Hostel to celebrate International Women’s Day
- Delivered a lecture titled “Understanding Research Paradigms, with special reference to Research in Language & Literature” on 5th January 2024 in an *Online Interaction Programme for Research Scholars of CAS Department of Urdu, AMU* , organised by the HRDC, AMU, Aligarh
- Delivered a lecture titled “What’s in a name”? The History of a Trisyllable that Changed Science” on 22nd February 2024 in the *International Seminar and Student Symposium* organised by the IQAC, Mata Sundri College for Women, Delhi
- Delivered a lecture titled “Reactionary Modernism and Critiques of Science in Contemporary India” on 13th December 2023 in *One month Faculty Induction Programme* (from 01 Dec to 31 Dec 2023) organised by MMTTC, Jamia Millia Islamia, New Delhi
- Delivered a lecture titled “Empowering Education: A Closer Look at Muslim Education in India” on 21st October 2023 in *Shiksha Samvad Lecture Series* organised by the CERT, New Delhi
- Delivered a lecture titled “The Debate Over Scientific Temper in India” on 12th September 2023 in the *14th Online Faculty Induction Programme (from 01 Sep. to 30 Sep., 2023)* organised by UGC-HRDC, Jamia Millia Islamia, New Delhi
- Delivered a lecture titled “What Should We Teach? Issues in Developing Curriculum” on 13th February 202 in *Teachers' Training Program*, organised by the MTB, New Delhi
- Delivered a lecture titled “Is Science Value-Free?” on 7th January 2023 in the *Online Short Term Programme on Indian Ethics and Human Values* (from 02 Jan to 07 Jan 2023), organised by the UGC-HRDC, Jamia Millia Islamia, New Delhi
- Delivered a lecture titled “Being and Becoming a Scientist” on 8th December 2022 in an event titled *Sharp Tank: Building for Future (An Interaction with NTSE Qualified Students)* organised by the Indian Institute of Technology, Delhi
- Delivered a lecture titled “Strategies of Teaching” on 16th December 2021, in the *7th Online One Month Faculty Induction Programme* organised by UGC-HRDC, Jamia Millia Islamia, New Delhi
- Delivered a lecture titled “Navigating Tensions in Teaching Nature of Science: Personal Reflections” on 6th March 2021 in the *National Webinar Series on Major Themes in Teacher Education*, organised by the Department of Education, (Central Institute of Education), University of Delhi
- Delivered a lecture titled “Science, Technology and Everyday Knowledge” on 28th February 2021 in *Janapada Level Science Webinar* organised by District Institute of Education and Training, Lucknow
- Delivered a lecture titled “Curriculum and pedagogy in the National Education Policy-2020” on 15th September 2020 in *State Level Webinar on National Education Policy-2020*, organised by the District Institute of Education and Training, Lucknow
- Delivered two lectures on the topic "سائنس کیا ہے، سائنسدان کیا ہے (What is science and who is a scientist?)" on 30th August 2020 and 6th September 2020 in the *National Webinar Series for Urdu Medium Teachers* organised by *Teachinurdu.org* (a Bangalore based voluntary group working for the promotion of Urdu language)
- Delivered a lecture on “Science and Humanities: Two Cultures?” on 1st March 2020 in the *Refresher Program in Education* organised by the HRDC, JMI

- Delivered a lecture on “Knowledge, Disciplines and Interdisciplinarity” on 19th February 2020 in the *128th Orientation Programme* organised by UGC-HRDC, Jamia Millia Islamia, New Delhi
- Delivered a lecture titled "*Madrasa Education in India: Contemporary Issues and Debates*" on 23rd May 2017 at one day Seminar on *Role of Madarsa Education in Community's Progress*, organised by NALANDA, at Sahbhagi Shikshan Trust, Lucknow
- Delivered a lecture titled "*Procrastination, Prevarication & Abdication: A Critique of Policies Related to Universalization of Elementary Education*" on 17th February 2014 at the *Extension Lecture for UG & PG Students of AFSET* organised by Alfalah School of Education & Training (Maharshi Dayanand University, Rohtak), Dhauj, Faridabad
- Delivered a lecture titled “RTE: Inclusion vs. Exclusion” on 27th December 2013 in the *Ten day Refresher/Training Program on Science, Social Science and Languages for Jamia School Teachers* organised by the Faculty of Education, Jamia Millia Islamia
- Delivered a lecture titled “How the understanding of ‘Nature of Science’ influences our teaching strategies” on 23rd December 2013 in the *Ten day Refresher/Training Program on Science, Social Science and Languages for Jamia School Teachers* organised by the Faculty of Education, Jamia Millia Islamia
- Delivered a lecture titled "*Conceptualising Inclusive Education*" on 26th April 2013 at SKV, Moti Bagh, New Delhi, in the *In-service Training Program for TGTs*, organised by DIET, Darya Ganj, Delhi
- Delivered a lecture titled “RTE Act-2009: A Critical Appraisal” on 20th April 2013 at DIET Rajendra Nagar, New Delhi, in *an Interaction with the Students of Diploma in ETE 1st Year and 2nd Year*
- Delivered a lecture titled “Understanding Healthy Nutrition to Promote Healthy Living in Schools” on 12th October 2012 in *In-service Training Program for Eco-Club In-charge Teachers*, organised by DIET, Darya Ganj, Delhi
- Delivered a lecture titled “The RTE Act-2009: Implications for School Administration” on 16th September 2010 at NDMC School of Science & Humanities Education, New Delhi in the *Short Duration Seminar for Principals/ V.P.s/ H.M.s of NDMC Schools*

CONSULTANCY PROJECTS

- Contributed as *Chairperson* of the *State Focus Group's Position Paper on Curriculum and Pedagogy* (coordinated by the SCERT, Haryana as part of the NCF development exercise in accordance with the NEP-2020) in April 2022. The Position Paper was submitted to the NCERT, Ministry of Education, Government of India.
Document available on:
<https://ncf.ncert.gov.in/portal/#/admin/document-stream/focus-group-report>
- Worked as a Consultant with "Tata Education and Development Trust", for conducting an evaluation study titled, "*Mid-Term Assessment of Nalanda's Programme—Continuation and Expansion of Quality Elementary Education Resource Centre in Uttar Pradesh, Jharkhand, and Bihar*" from 20th January 2017 to 30th April 2017
- Visited 8 districts of Eastern Uttar Pradesh (from 24th March 2013 to 1st April 2013) as a *Field Investigator* under the MHRD project of *Evaluation of Madrasas under SPQEM* commissioned by K. R. Narayanan Centre for Dalit & Minorities Studies, JMI, New Delhi
Report available on:
http://mhrd.gov.in/sites/upload_files/mhrd/files/upload_document/SPQEM_0.pdf

PROFESSIONAL DEVELOPMENT

Orientation Courses

- Completed *NEP 2020 Orientation & Sensitization Programme* under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by MMTTC, Jamia Millia Islamia, New Delhi (from 05th December to 16th December 2024)
- Completed *One Month Faculty Induction Programme* (from 10.8.2021 to 8.9.2021) organised by the UGC-HRDC, Jamia Millia Islamia

Refresher Courses

- Completed Two-week Refresher Course in *Teacher Education: Learning Outcomes and Educational Reform-Pedagogy, Assessment and Quality Assurance* (from 2.1.2024 to 15.1.2024) organised by the MMTTC, Jamia Millia Islamia
- Completed Two-week Refresher Course in *Human Rights & Social Inclusion (Interdisciplinary)* (from 4.8.2023 to 18.8.2023) organised by the UGC-HRDC, Jamia Millia Islamia

DESIGN/UPDATION OF NEW CURRICULA AND COURSES

- Presently entrusted with the responsibility of coordinating the revision and restructuring the M. Ed. programme of the Department of Educational Studies, JMI
- Participated as a resource person in the curriculum revision exercise of B. Ed. programme undertaken by the Department of Teacher Training & Non-Formal Education (IASE), JMI in 2020-2021
- Developed 1 new Course, namely, *Introduction to Curriculum, Pedagogy & Assessment (3- Credits)* for the 4-year Dual degree B. Sc. B. Ed. programme of Azim Premji University, Bangalore (during 2018-2019)
- Was part of the Committee that worked on developing the new syllabus for 2-year B. Ed. Programme of C.I.E., University of Delhi during the session 2015-16. Contributed in updating the syllabus of *Science Education* and developed the first draft of the syllabus for *Pedagogy of Urdu*.
- Updated and revised the syllabi of 2 papers namely, *Curriculum Development* and *Elementary Teacher Education* for M. Ed. (*Elementary Education*) programme of DES, JMI, New Delhi during the session 2013-14
- Developed 2 new Courses, namely, *Curriculum Leadership* and *Psychology of Instructional Management* for M.A. (*Educational Planning & Administration*) programme during a 2-days Workshop on 'Upgradation of the Curriculum of M.A. (EP&A) Course of D.E.S., J.M.I., New Delhi'(on 29th November 2011 and 12th December 2011)

RESEARCH GUIDANCE

- Guided around 65 Masters' students in writing their dissertations in areas such as *science education, mathematics education, language education, curriculum studies, teacher education, early childhood care & education, and policy studies*
- Presently guiding the following three Ph.D. students:
Tripti Upadhyay (working on the topic: *Interdisciplinary Education: Possibilities of Teaching Science and Literature through Science Fiction*)
Sushil Shubham Rout (working on the topic: *EMI (English as a Medium of Instruction) in Odisha Adarsha Vidyalayas: Policies, Practices and Prospects*)

Bushra (working on the topic: *Citizenship Education: A Study of Social Science Curriculum in India*)

ROLES WITHIN THE DEPARTMENT/UNIVERSITY

- *Nodal Officer*, IQAC, Department of Educational Studies, JMI (19.12.2019–14.03.2023)
- *Academic Advisor*, Postgraduate Education Association, Department of Educational Studies, JMI (2019–2023)
- *Course Coordinator*, M. Ed. Programme (2023 onwards)
- *Convenor*, Postgraduate Research Seminar (2023 onwards)
- *Founder & Convenor*, DES Theory-Practice Connect (2019 onwards)
(*“DES Theory-Practice Connect” is an initiative of the Department of Educational Studies, Faculty of Education, Jamia Millia Islamia, which aims at bridging the theory-practice divide in teaching and creating dialogic spaces within teacher education institutions. In an attempt to break the isolation of teacher education institutions from one another, from the schools and from the larger life of the university, it intends to develop a community of teachers, teacher educators and researchers to learn from their experiences, professional vision and theoretical insights. To this intent, we have convened several classroom discussions, special lectures, book discussions, workshops, and community-building exercises. We look forward to expanding our engagement with the practice of education in several other new formats in the coming future.*)
- *Incharge*, Departmental Academic Integrity Panel (DAIP) (2019 onwards)
- *Hindi Officer*, DES, JMI (in 2022-23)
- *Member*, Language Editing Team, Jamia Journal of Education (2019 onwards)
- *Member*, Counselling Cell, Department of Educational Studies, JMI (2023 onwards)
- *Course Coordinator* for the NEP Orientation & Sensitization Programme, organized by the MMTTC, Jamia Millia Islamia (from 4th June 2024 to 13th June 2024)
- *Course Coordinator* for the 2nd 2-Week Refresher Course in Teacher Education, organized by the UGC-HRDC, Jamia Millia Islamia (from 1st January 2020 to 14th January 2020)
- *Convenor* (alongwith Dr. H. K. Jass), 18th and 19th Prof. S.C. Shukla Memorial Lecture, DES, JMI
- *Convener* for “National Webinar on National Education Policy 2020: Deciphering Transformational Reforms” held on 16th September 2020, organized by the Faculty of Education, Jamia Millia Islamia
- *Project Coordinator* for planning and conducting an online survey related to the implementation of NEP-2020, on behalf of the Faculty of Education, Jamia Millia Islamia in August 2020. The results of the survey were submitted to the Ministry of Education, Government of India under the title, *National Education Policy—2020: Suggestions for Implementation based on an Online Survey*
- *Convener* of 2-days Workshop on “Lesson-Planning for Online Teaching”, organized by the Department of Educational Studies, Faculty of Education, JMI, for the capacity building of Teachers of Jamia Schools from 24th to 25th July, 2020

MEMBERSHIP OF PROFESSIONAL BODIES

- *Life Member*, Comparative Education Society of India
- *Life Member*, Indian Association of Educational Research