

CURRICULUM VITAE



DR. AERUM KHAN

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Official Address: Associate Professor in Science Education, Department of TT & NFE, IASE, F/o Education, Jamia Millia Islamia, New Delhi- 110025

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Date of Birth: 17/07/1980

Academic Profile

S.N	Degree	Division	Institution/ University/ Board	Year
1	Ph.D. (Education)	Awarded	Jamia Millia Islamia, New Delhi	2016
2	Ph.D. (Botany)	Awarded	V.B.S.P University, Jaunpur	2009
3	UGC-NET(Education)	Qualified	University Grant Commission	2010 & 2012
4	M.A (Education)	First	CCS University, Meerut	2010
5	B.Ed.	First	V.B.S.P University, Jaunpur	2003
6	M.Sc. (Botany)	First	V.B.S.P University, Jaunpur	2002
7	B.Sc. (Zoo, Bot, Chem)	First	V.B.S.P University, Jaunpur	1999
8	Dip in Computer Application	First	V.B.S.P University, Jaunpur	1998
9	Dip in Action Research in Edu	First	NCERT, New Delhi	2015
10	MA (Sociology)	First	Jamia Millia Islamia, New Delhi	2021
11	MOOC on Development of 21st Century skills through Education	A+ (2 credit)	SNDT Women's University, Mumbai	13 April – 10 May 2020
12	Qualitative Research Methods	96%	University of Amsterdam	1 Oct -19 Nov 2020
13	Feminism and Social Justice	90%	University of California, Santa Cruz	1 Sept - 21 Oct 2020
14	Introduction to Philosophy	93%	The University of Edinburgh	1 Oct -12 Nov 2020
15	Psychological First Aid	83%	Johns Hopkins University	1 Sept - 22 Oct 2020
16	The Science of Well-being	98%	Yale University	1 Oct -13 Nov 2020
17	Gender and Sexuality: Diversity and Inclusion in the Workplace	96.35%	University of Pittsburgh	1 July – 26 Oct 2021

Ph.D. in Education (2016) Title: An Evaluation of Science Curriculum in Terms of Some Aspects of Scientific Literacy

Ph.D. in Botany (2009) Title: A study on the effect of interaction of leaf-applied NP&S on common Indian edible oil seeds (*Brassica campestris* L.) with regard to yield and nutritional status.

Language of Communication: English, Hindi, and Urdu

Experiences

- Associate Professor, Dept of TT & NFE (IASE), Faculty of Education, Jamia Millia Islamia, New Delhi from 13 June (AN) 2023 – Continued.....
- Assistant Professor, Dept of TT & NFE (IASE), Faculty of Education, Jamia Millia Islamia, New Delhi from 4 October 2019 – 13 June (BN) 2023.
- Senior Consultant (Academic), ESD, NCERT, New Delhi-16 from October 2018 to October 2019.
- Academic ICT Consultant/ MOOCs Coordinator, CIET-NCERT, New Delhi from October 2016 to October 2018.
- Assistant Professor, CIET-NCERT, New Delhi from February 2013 to October 2016.
- Lecturer Teaching of Science at DIET Daryaganj, SCERT, Delhi from September 2011 to Feb 2013.
- Academic Consultant for British Council for the years 2015 and 2016.
- Associate Editor in PHI Learning Pvt. Ltd. (Erstwhile Prentice-Hall of India) from 1st Aug, 2007 – 31st Aug, 2011.
- Guest Lecturer at Department of Biosciences, Jamia Millia Islamia from July 2006 to March 2007.

Member of State and National level Bodies

1. Deputy Coordinator of JMI's Alumni Connect Cell since 30 August 2022.
2. Associate Editor and reviewer of MoE's Journal '*Voices of Teachers and Teacher Educators*', published by DTE-NCERT since 2015 till date.
3. Associate Editor of '*Jamia Journal of Education*', published by F/o Education, Jamia Millia Islamia since 2019 till date.
4. Reviewer of CIET-NCERT's '*Indian Journal of Educational Technology*', since 2020 till date.
5. Editor and Translator for English to Hindi Texts for 'Translation Initiative' of Azim Premji University, Bangaluru since 2018.
6. Member and Author of NIOS's 100 Days of Learning Program- Samarth for Teacher's Training.
7. Member and Author of Course development committee of RIE Bhubneshwar for their Blended learning course in Teaching of Science.
8. Coordinator for the home-based video lectures development for SwayamPrabha DTH Channels of MHRD for the Channels under IIT Madras in collaboration with JNU, New Delhi, For 5 papers of B.Ed. from May 2020-Till date.
9. Member of State Focus Group on 'Linkages between School and Higher Education', SCERT Delhi since January 2022, managed by DIET Daryaganj.
10. Member of State Focus Group on 'Gender Education', SCERT Delhi since April 2022, managed by DIET Rajender Nagar.
11. Member of Syllabus review committee for 'EVS Teaching', SCERT Delhi, conducted by DIET Ghumanhera in April-May 2022.
12. Member of Syllabus review committee for 'Educational Technology', SCERT Delhi, conducted by DIET Keshavpuram in April-May 2022.
13. Member of DIKSHA-Vidyadaan Review committee for Biology Content for DIET Daryaganj since November 2021-till date.
14. Member of DIKSHA-Vidyadaan Review committee for EVS Content for DIET Ghumanhera since October 2021-till date.

15. Review committee member for Biology book of Class 12 of Sikkim board of open Education in April -May 2022.
16. Riyadh, KSA, CBSE Schools Teachers, selection committee expert on 16 March 2022, 4.30 pm onwards.
17. Member and Author of Media Handbook on NEP-2020, prepared by SCERT Delhi in 2022.
18. Examiner for Education Department of IP University, Delhi Since May 2023.
19. PAC member of DIET Keshavpuram and DIET Pitampura since 2022.
20. Member of Committees of SCFSE-Delhi for Middle stage and Secondary stage, 2024.

Projects Completed after Joining JMI

- (A) Phase 1 (March – August 2020) Child Development Learning and Teaching for BEd total 46 video lectures Produces and being telecasted on Swayam Prabha Channel 16 of IIT Kanpur
- (B) Phase 2 (July -December 2020) Conceptual Foundations of Education for BEd, total 33 videos produced and submitted for telecast on Swayam Prabha Channel 15 of IIT Madras
- (C) Phase 3 (January 2021 – June 2021) Educational Technology I for BEd I, total 28 videos produced and submitted for telecast on Swayam Prabha Channel 15 of IIT Madras
- (D) Phase 4 (July 2021 – July 2022) Educational Technology II for BEd II, 23 video lectures videos produced and submitted for telecast on Swayam Prabha Channel 15 of IIT Madras
- (E) Phase 5 (March 2023 – January 2024) Gender School and Society for BEd and MA Education/ MED, 37 videos produced at IIT Delhi for telecast on Swayam Prabha Channel of IIT Madras

Specialization: Science Education, Educational Technology, ICT in Education, Sociology of Education, Psychology of Education, Environmental Education.

Areas of Research Interest: Science Education, Educational Technology, ICT in Education, Environmental Education, Curriculum and Policy Development.

Awards and Recognitions

1. Best Paper award in National Seminar (2024) organised by APDUMT, JMI, New Delhi.
2. Recipient of the 'Inspiring Woman Awards 2021' from 'Fourth Screen Education' for outstanding and remarkable services in the field of Education, 8 March 2021.
3. Best Paper award in JTA Multidisciplinary International Conference (2020) at JMI, New Delhi.
4. Best Paper award in State Conference (2015) organised by SCERT Delhi.
5. Best Paper award in NSIF (2007) organised by Department of Biosciences at JMI, New Delhi.
6. Received MHRD sponsored training for SWAYAM Course Coordinators on nomination of UGC at Chennai, jointly conducted by IIT Bombay, IIM Bangalore, NIEPA Delhi and NITTTR Chennai in Sept 2020.
7. Certificate of Appreciation received from IIT Madras and DTH Swayam Prabha Channels of Ministry of Education, Govt. of India (2020) for developing video content (46 in number) of the paper Child Development Learning and Teaching of B.Ed.
8. Certificate of Appreciation received from IIT Madras and DTH Swayam Prabha Channels of Ministry of Education, Govt. of India (2021) for developing video content (33 in number) of the paper Conceptual Foundations of Education of B.Ed.
9. Certificate of Appreciation received from IIT Madras and DTH Swayam Prabha Channels of Ministry of Education, Govt. of India (2021) for developing video content (28 in number) of the paper Educational Technology I of B.Ed.
10. Certificate of Appreciation received from IIT Madras and DTH Swayam Prabha Channels of Ministry of Education, Govt. of India (2022) for developing video content (23 in number) of the paper Educational Technology II of B.Ed.

Coordinated/ Organised Training Programmes/Conferences

- 1.Coordinated the NEP sensitisation Program at MMTTC JMI from 22 to 31 July 2024.
- 2.Organising Secretary of Jamia International Conference on Education, on the theme of Transforming Indian Education Post NEP-2020, Connecting to the past - targeting at the future from 14 -15 February 2024.
- 3.Coordinated (Jointly) from 11 to 24 January 2023 the Online Refresher course for HRDC, JMI.
- 4.Coordinated (Jointly) the Second Online Capacity Development Workshop for Pre-primary and Elementary School teachers of JMI from 21 - 23 July 2020.
5. Coordinated (Jointly) the First Online Capacity Development Workshop for sec and sr. Sec School teachers of JMI from 6 -8 July 2020.

Professional Development Programs Attended after joining JMI

1. NEP 2020 Sensitisation and orientation program w.e.f. 19 – 30 April 2024, from MMTTP, UGC-HRDC, Jamia Millia Islamia, New Delhi- 110025.
2. Public Health Workshop organised by Delhi Effective Education and Pedagogy (DEEP-C), New Delhi, from 7 to 12 October 2021.
3. 2nd Refresher Course in Teacher Education w.e.f. 21 August to 4 September 2021, from UGC-HRDC, Aligarh Muslim University, Aligarh.
4. 3rd Faculty Induction Program w.e.f. 28 December 2020 to 2 February 2021, from UGC-HRDC, Jamia Millia Islamia, New Delhi- 110025
5. Orientation Programme on Policy Making Structures and Processes in Education scheduled from 21st to 25th September 2020 and organized by the Department of Training and Capacity Building in Education at NIEPA, New Delhi.

Guided/guiding students for their Dissertations and PhD work

Dissertation				
S.No.	Name of the Scholar	Course	Department/ Institution Name	Status/Year of Award
1	Saman Jabin	MA Education	IASE-JMI	Awarded 2020
2	Mehjabeen Bano	MA Education	IASE-JMI	Awarded 2021
3	Ambreen Khan	MA Education	IASE-JMI	Awarded 2022
4	Rubiya Choudhary	MA Education	IASE-JMI	Awarded 2022-23
5	Farah Khan	MA Education	IASE-JMI	Awarded 2022-23
6	Nishat Akram	MA Education (Distance Mode)	CDOL-JMI	Awarded 2022
7	Zeba Akhtar	MA Education (Distance Mode)	CDOL-JMI	Awarded 2022
8	Afizah Aaminah	MA Education (Distance Mode)	CDOL-JMI	Awarded 2022
9	Prabhat Kumar	MA Education (Distance Mode)	CDOL-JMI	Awarded 2022
10	Muddam Yochitha Reddy	MA Education	IGNOU/JMI	Awarded 2023
11	Ashoshika Bhadoria	MA Education	IGNOU/JMI	Awarded 2023
12	Sakshi Yadav	MA Education	IGNOU/JMI	Awarded 2024
13	Sadia Khalid	MA Education	IASE-JMI	Awarded 2024
14	Shefali Pandey	MA Education	IGNOU/JMI	Awarded 2024
15	Tamanna Parveen	MA Education	IGNOU/JMI	Awarded 2024
16	Unnati Pathak	MA Education (Distance Mode)	CDOL-JMI	Awarded 2024

17	Gazala Hashmi	MA Education (Distance Mode)	CDOL-JMI	Awarded 2024
18	Saleema Maqsood	MA Education (Distance Mode)	CDOL-JMI	Awarded 2024
19	Bharti Pandey	MA Education (Distance Mode)	CDOL-JMI	Awarded 2024
20	Mahima	MA Education	IGNOU/JMI	Submitted
20	Kshama Swarnkar	MA Education	IGNOU/JMI	Ongoing
21	Kilkam Jain	MA Education	IGNOU/JMI	Ongoing
PhD				
1	Alka Singh	PhD	IASE-JMI	Ongoing 2020-21
2	Samra Jamal	PhD	IASE-JMI	Ongoing 2020-21
3	Sadiya Shaheen	PhD	IASE-JMI	Ongoing 2021-22
4	Noor Alam	PhD	IASE-JMI	Ongoing 2021-22
Post Doctoral Fellowship				
1	Dr Sahin Sahari	PDF	CIIL Mysore & JMI	Ongoing 2024

Published Books/Manuals-16

1. **Khan, A., & Ahmad, J.** (Edited Vol. 2025). *Artificial Intelligence and Digitisation in Education*, Shipra Publications, New Delhi, ISBN:978-93-91978-48-8.
2. Ahmad, J., **Khan, A.** & Ahmad, A. (Edited Vol. 2024), *Revitalising Teacher Education in India: NEP-2020 Prospects and Challenges*, Shipra Publications, New Delhi, ISBN: 978-93-91978-73-0.
3. Ahmad, J., Fatima, R., **Khan, A.** & Ahmad, A. (Edited Vol. 2024), *New Trends in Pedagogy: NEP 2020 Prospects and Challenges*, ABS Books, Delhi (India), ISBN: 978-81-19708-72-7.
4. Ahmad, J., **Khan, A.** & Ahmad, A. (Edited Vol. 2024), *Inclusive Education for Social Change: NEP 2020 Key Transforming Agent*, Shipra Publications, New Delhi, ISBN: 978-93-91978-60-0.
5. Ahmad, J., Fatima, R., **Khan, A.** and Ahmad, A. (Edited Vol. 2024). *New Trends in Pedagogy: NEP 2020 Prospects & Challenges*, ABS Books, Delhi, ISBN 978-81-19708-72-7.
6. **Khan, A.,** Zahoor, N. & Ahmad, J. (Edited Vol. 2023), *ICT Integration in Education-Issues, Challenges and Prospects*, Shipra Publications New Delhi, PP.XV+ 231, ISBN: 978-93-91978-21-1.
7. Zahoor, N., Ahmad, J. & **Khan, A.** (2022), *Outcome Based Curriculum and Pedagogy- Contemporary Research Studies*, V. L. Media Solutions, New Delhi. PP. XIV + 280, ISBN: 978-93-91308-50-6.
8. **Khan, A.** (2022), Authored in team the '*Media Handbook for NEP-2020 for School Education (in English)*', SCERT Delhi, ISBN: 978-93-93667-12-0, March 2022.
9. **Khan, A.** (2022), Authored and vetted in team the '*विद्यालय शिक्षा हेतु राष्ट्रीय शिक्षा नीति 2020 पर एक पुस्तिका (in Hindi)*', SCERT Delhi, ISBN: 978-93-93667-20-5, March 2022.
10. **Khan, A.** (2019), Authored in team the *IX class ICT Textbook* for CIET-NCERT, New Delhi, ISBN: 978-93-5292-118-8
11. Ahmad, J. & **Khan, A.** et.al. (2014) *Educational Measurement and Evaluation (Hindi)*, Vikas Publishing House (VPH) New Delhi, For Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur, Directorate of Distance Education for B.Ed., **ISBN No. 978-93-259-8485-1**
12. Ahmad, J. & **Khan, A.** et.al. (2014) *Educational Evaluation and Guidance in Education*, Vikas Publishing House (VPH) New Delhi, For Institute of Distance Education (IDE) Rajiv Gandhi University, Arunachal Pradesh for MA (Education II year Course, **ISBN No. 978-93-259-8581-0**
13. Ahmad, J., Ahmad M. S. and **Khan, A.** (2012), *Computer Applications in Education*, Neelkamal Publication, Hyderabad, PP-288, ISBN: 978-81-8316-293-7

14. **Khan, A.** (2012), *Eco-Club Manual*, SCERT Delhi, Varun Marg, Defence Colony, New Delhi <http://delhi.gov.in/wps/wcm/connect/3cdc2c804d02fa94995ed9c155b6ddea/2012-Eco-Club+Manual-P1.pdf?MOD=AJPERES&lmod=1134209510&CACHEID=3cdc2c804d02fa94995ed9c155b6ddea>
15. Ahmad, J. & **Khan, A.**, *Educational Measurement and Evaluation*, Vikas Publishing House (VPH) New Delhi, For M.S. University DSCE, Tirunelveli, Tamil Nadu-B.Ed. Course, New Delhi, 2011. ISBN No. 978-81-259-4829-2
16. Begum, I., Ahmad, J., Ansari, Z. and **Khan, A.**, *Life Science Handbook*, Vigyan Prasar, EduSAT Network, New Delhi, 2009.

Chapters in Edited Books-26

1. Alam, M. N. & Khan, A. (2025). Utilisation of Cloud-based Learning Platform, **Khan, A.**, & Ahmad, J. (Edited Vol. 2025). *Artificial Intelligence and Digitisation in Education*, Shipra Publications, New Delhi, pp 63- 71, ISBN:978-93-91978-48-8.
2. Jamal, S. & Khan, A. (2025). Perception of Education through Digital Learning, **Khan, A.**, & Ahmad, J. (Edited Vol. 2025). *Artificial Intelligence and Digitisation in Education*, Shipra Publications, New Delhi, pp 81- 86, ISBN:978-93-91978-48-8.
3. Khalid, S. & Khan, A. (2025). Mann Ki Baat Radio Series: Educational Content Review, **Khan, A.**, & Ahmad, J. (Edited Vol. 2025). *Artificial Intelligence and Digitisation in Education*, Shipra Publications, New Delhi, pp 114-121, ISBN:978-93-91978-48-8.
4. Shaheen, S. & Khan, A. (2025). Challenges of Artificial Intelligence: Understanding, Awareness, Perception and Preparedness, **Khan, A.**, & Ahmad, J. (Edited Vol. 2025). *Artificial Intelligence and Digitisation in Education*, Shipra Publications, New Delhi, pp 160-167, ISBN:978-93-91978-48-8.
5. Khanam, A. & Khan, A (2024). Scientific Temperament among Elementary School Teachers: Awareness and Application in Ahmad, J., **Khan, A.** & Ahmad, A. (Edited Vol. 2024), *Revitalising Teacher Education in India: NEP-2020 Prospects and Challenges*, Shipra Publications, New Delhi, pp 30 – 39, ISBN: 978-93-91978-73-0.
6. Bhadoria, A. & Khan, A (2024). Teachers Perception on Impact Flipped Teaching on Students Achievement in Ahmad, J., **Khan, A.** & Ahmad, A. (Edited Vol. 2024), *Revitalising Teacher Education in India: NEP-2020 Prospects and Challenges*, Shipra Publications, New Delhi, pp 175 – 183, ISBN: 978-93-91978-73-0.
7. Khan, A. (2024). Role of Interactive Contents and Simulations in Teaching Learning, *Teacher Education in India: Issues and Concerns* by Ansari N.H and Altaf, F. (Editors), Evincepub Publications, pp. 109 – 126, ISBN 9789363553484.
8. Singh, A. & Khan A. (2024). Happiness Curriculum in Delhi Government Schools, *Revitalizing School Education in India: NEP 2020 Prospects & Challenges* by Ahmad, J., Abraham, J. and Zahoor, N. (Editors), ABS Books, Delhi, pp. 66 – 80, ISBN 978-81-19708-27-7.
9. Ahmad, N. & Khan A. (2024). Exploring STEM Education: A Review of Existing Literature, *New Trends in Pedagogy: NEP 2020 Prospects & Challenges* by Ahmad, J., Fatima, R., Khan, A. and Ahmad, A. (Editors), ABS Books, Delhi, pp. 60 – 71, ISBN 978-81-19708-72-7.
10. Khan A. (2024), Information and Communication Technology and Equity in Education, *Creating an Equitable Space for Teaching and Learning: Towards Theory and Evidence-based Practice* by Jaya Singh and Tasha Agarwal (Editors) Routledge, Taylor & Francis Group, New York. Pp. 109 – 124, ISBN 9781032391199.

11. Khan A. (2023), ICT and Digital Revolution: Implications for Teacher Education, *Teaching and Teacher Education in India: Perspectives, Concerns and Trends* by Jasim Ahmad and Aejaz Masih (Editors), Springer Nature, Singapore. Pp. 299-322, ISBN 978-981-99-4984-7, ISBN 978-981-99-4985-4 (eBook).
12. Khan A. and Sharma, P. (2023), Teacher Education and Pedagogy of Science: Review and Reflection, *Teaching and Teacher Education in India: Perspectives, Concerns and Trends* by Jasim Ahmad and Aejaz Masih (Editors), Springer Nature, Singapore. Pp. 235 – 258, ISBN 978-981-99-4984-7, ISBN 978-981-99-4985-4 (eBook).
13. Khan A. (2023), Role of Interactive Contents and Simulations in STEAM Teaching Learning in *Shifting Focus in School Curriculum: From Content Based Learning to Competency Based Learning* by Flourette, G. Dakar & Sima Saigal (Editors), NERIE, Shilong, NCERT, PP. 327-338, April 2023, ISBN: 978-93-93414-17-5.
14. Khan A. (2023), Digitization of Education in *Assessment for Learning: Theory and Practice of School Based Assessment* by Mete, J. & Dutta, I. (Editors), New Delhi Publications, New Delhi, PP. 321-341, ISBN: 978-81-19006-30-4, eBook ISBN: 978-81-19006-29-8.
15. Khan A. (2023), Information and Communication Technology for Learner Centered Education in *Samagra Shiksha: A Holistic Vision of Education*, by Singh, N. & Kamal, P. (Editors), Paragon International Publishers, New Delhi, PP. 70-76, ISBN: 9978-93-94964-04-4.
16. Khan, A. (2023), Assistive Technology and ICT Enabled Inclusive Classroom in *ICT Integration in Education-Issues, Challenges and Prospects*, by Khan, A., Zahoor, N. & Ahmad, J. (Editors), Shipra Publications, New Delhi, PP. 74-83, ISBN: 978-93-91978-21-1.
17. Singh, A. & Khan, A. (2022), Online Teaching Learning in the time of COVID-19 Crisis: A Study with Reference to the Happiness Curriculum in *Outcome Based Curriculum and Pedagogy-Contemporary Research Studies*, Zahoor, N., Ahmad, J. & Khan, A. (Editors), V. L. Media Solutions, New Delhi. PP. 165-175, ISBN: 978-93-91308-50-6.
18. Parashar, S. & Khan, A. (2022), Innovative Activity based Learning for Grade First during Online Schooling, in *Education for Inclusion and Equity - Issues, Concerns & Contemporary Research*, Ahmad, J. & Zahoor, N. (Editors), V. L. Media Solutions, New Delhi. PP.159-164, ISBN: 978-93-91308-51-3
19. Khan, A. (2021), Role of Information and Communication Technology in Secondary Education, *Development and Problems of Secondary Education*, Edited by Mohd Ahrar and Shaheen Fatima Khan, ABS Books, Delhi, pp. 17 – 34, ISBN 978-93-87229-83-9.
20. Khan, A. (2021), Information and Communication Technology for Children with Special Needs, *Education of Children with Special Needs: Observations and Studies*, Edited by Seema Menon KP and Sankaranaryanan Paleeri, Kanishka Publishers, New Delhi, pp. 8 – 26, ISBN 9789389484755.
21. Khan, A. (2018), Information and Communication Technology for Transforming Education, *ICT in Education*, Edited by Ajithkumar, C., APH Publishing Corporation, New Delhi, pp. 1 – 20, ISBN: 978-93-87460-07-2.
22. Khan, A. (2016), Development of Self in the Digital Era: Opportunities and Challenges, *Understanding the Self*, Edited by Dr. Jasim Ahmad, V.L. Media Solutions, New Delhi, pp. 136 - 163, ISBN:978-93-86229-09-0.

23. Khan, A. (2015), Action Research in Science: A study to solve problems of students in understanding the chapter on 'Diversity in Living Organisms' (In Urdu), *Amali Tahqeeq, Mutala-e-Ahwaal aur Tahseeli Aazmaish* (Action Research, Case Study and Achievement Test), Edited by Dr. Jasim Ahmad, V.L. Media Solutions, PP-69-73, ISBN: 978-93-85086-38-6.
24. Khan, A. (2015). "Scientific Literacy Among Elementary Level Students: An Important Objective of Science Education," *Right to Education: Access and Quality*, Editors: Mohd Rizwan and A.K. Mantry, pp. 34 - 41, Ankur Publication, New Delhi, ISBN 978-81-93165-11-9.
25. Ahmad, J. & Khan, A. (2014), Taxonomy of Educational Objectives, *Educational Evaluation and Guidance in Education*, Vikas Publishing House, New Delhi, PP-39-67, ISBN: 978-93-259-8581-0.
26. Ahmad, J. & Khan, A. (2014), Gender Equality: Exploiting the Powerful Unexploited Potential, *Gender, Equality and Women Empowerment*, Edited by Dr. Mohd. Rizwan and Dr. Asit Kumar Mantry, Saad Publications, Delhi, PP. 108-117, ISBN: 978-93-80633-25-1.

Book reviews

1. **Khan, A.** (2018), Resource book on ICT Integrated Teacher Education, *Voices of Teachers and Teacher Educators*, ISSN 2455-1376, Vol. 7, Issue-I, August-2018, pp. 140 – 143, NCERT, New Delhi.
2. Ahmad, J. & **Khan, A.** (2014), Pedagogy of Science, Textbook for B.Ed. (Physical Science) Part-II, *Journal of Indian Education*, Vol. XXXX, No. 3, November 2014, PP. 28-130, ISSN No. 0972-5628.

Translation of Books/Chapters into Hindi – 2

S. No	Title of Book/ Monograph/ Chapter/ Research Paper with page nos.	Year	Details of Translation Work	ISSN/ ISBN NO.
1	Chapter-An Introduction and Overview, Book-Cognitive Development, Infancy through Adolescence, pages: around 30.	2019	Translation of English Chapter into Hindi for Azim Pemji University, Bengaluru for their National Translation Mission.	10:1483379175/13: 978-1483379173
2	Chapter-Child and Childhood, Book-Key Concepts in Childhood Studies, Pages around 10.	2018	Translation of English Chapter into Hindi for Azim Pemji University, Bengaluru for their National Translation Mission.	9781446201893

Contribution to EDUSAT Network

1. Prepared 'Handbook of Life Sciences' for **EDUSAT Network**, a teleconferencing/video conferencing programme of **Vigyan Prasara**, Department of Science & Technology, Govt. of India, 2009.

Radio Talks

1. Participated in the Panel discussion on Impact of ICT use in Classrooms for Jamia Radio on 22 Oct 2021, 11.00 am - 12.00 pm.
2. 4 March 2022, radio talk recording at MCRC for radio jamia on women empowerment.
3. 7 March 2022 radio talk recording at Akashwani on women empowerment.
4. 13 May 2022 radio talk recording at Akashwani on Mental issues in children during the Covid Pandemic.

5. 5 September 2022 radio talk recording at Akashwani on Girls Education and Society.
6. 23 December 2022 radio talk recording at Akashwani on Year 2022 in the world of Science.
7. 9 February 2023 radio talk recording at Akashwani on Science and Recent Developments for the betterment of Society.
8. Developed a 9 programs series on eEducation for Jamia Radio, 1 November 2022 onwards.

Research Papers & Articles

1. Parveen, T. & Khan, A. (2024). Early Childhood Care and Education Component of National Curriculum Framework-2022: A Review, *University News*, Vol. 62(41), 07 – 13 October 2024, pp. 23-27 and 30. Published by the Association of Indian Universities New Delhi, ISSN-0566-2257.
2. Varma, C., Malik, S., Khan, A., Bano, K., & Shaheen, S. (2024). Exploring the integration of digital pedagogy in classroom instruction among DoE trained graduate teachers of Delhi state. *Indian Journal of Educational Technology*, pp. 318-339, Vol 6 Issue 2, July 2024, Published by CIET, NCERT, New Delhi, ISSN 2581-8325.
3. Khan, A. & Singh A. (2024). Linguistic Diversity, Multilingualism and Education in India: Policy Perspectives, *University News*, Vol. 62(33), 12 – 18 August 2024, pp. 11-16. Published by the Association of Indian Universities New Delhi, ISSN-0566-2257.
4. Husain, M.A. & Khan, A. (2024). Development of Scientific Attitude in Children: Concepts and Measures, *University News*, Vol. 62(25), 17 – 23 June 2024, pp. 15-19. Published by the Association of Indian Universities New Delhi, ISSN-0566-2257.
5. Khan A and Siddiqui, M.M. (2024). From Chalkboards to Screens: Transforming Teacher Education in the Digital Age, *CEC News*, Consortium for Educational Communication, UGC, June 2024, pp. 7 – 9.
6. Alam M.N, & Khan, A. (2024). Teachers' Perspectives on Cloud-Based Platforms in Teaching Learning Process, *Global Online Electronic International Interdisciplinary Research Journal (GOEIIRJ)*, ISSN : 2278-5639, Volume 13, Special Issue VI, April 2024, pp.36-43.
7. Khan, A. (2024). Flipped Learning an Innovation in Pedagogy of Modern-day Classrooms, *University News*, Vol. 62(03), 15 – 21 January 2024, pp. 101-106. Published by the Association of Indian Universities New Delhi, ISSN-0566-2257.
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Invited Talks/ Lectures in Online Conferences/ Workshops/ Webinars - 84

1. Invited talk in UGC HRDC-JMI in 127th 3-Week Orientation Programme from 02 November to 23 November 2019 on 8-11-2019 on Importance of Assessment and Evaluation in Education.
2. Moderated the session on Preadolescence and Adolescence Health Issues on 11 May 11.00 - 12.00 am, in the Virtual sessions on health and physical education for elementary teacher education wef 11 to 15 May 2020 organised by DIET Daryaganj.
3. Invited talk on the topic Anthropogenic Stressors and Environmental Strain, in the two day Webinar, on Environmental Management Practices for Sustainable Development, wef 5-6 June 2020 organised by Department of Edu, Aligarh Muslim University, Aligarh, on 5 June 2020 from 11.15 am- 12.45 pm.
4. Invited talk on the topic Orientation of MOOCs via SWAYAM, in the one day National Webinar, organised by Centre for MOOC-SWAYAM, Tamil Nadu Teachers Education University, Chennai, on 6 June 2020 from 03.00 - 05.00 pm.
5. Invited talk on the topic Dimensions of Learning, in the Lecture series on Facebook Live organised by University School of Education, GGSIP University, Dwarka, on 7 June 2020 from 05.00 - 06.00 pm.
6. Invited talk on 'Adapting to the alternative teaching learning strategies in online environment,' in First Online workshop on "Design, Development and Delivery of Online Courses" wef 11-12 June 2020, organised by Special centre for e-Learning (SCEL), JNU, New Delhi, 12 June 2020, 11.10-12.10 pm.
7. Invited talk on 'Learning, Unlearning and Relearning' in the Lecture series on Facebook Live organised by University School of Education, GGSIP University, Dwarka, on 26 June 2020 from 05.00-06.00 pm.
8. Invited talk on the topic Alternative Online Strategies for Teaching Learning in present scenario in the International Webinar on Endurance through ICT during Pandemic: Prospects and Issues wef 26 June to 1 July organised by Aligarh College of Education, Aligarh on 27 June 2020 from 9.30 - 10.30 am.
9. Took a session on "Exploring NROER, ePathshala and other OER platforms for adaptation/adaptation of online resources for Sec and Sr. Sec Levels" on 7 July 2020 from 11.30 to 1.00 pm in the First Online Capacity Development Workshop for sec and sr. Sec School teachers of JMI from 6 -8 July 2020.
10. Took a session on "Exploring Simulated content for Practical/ Laboratory work and Virtual Explorations" on 8 July 2020 from 10.00 to 11.30 am in the First Online Capacity Development Workshop for sec and sr. Sec School teachers of JMI from 6 -8 July 2020.
10. Took session on "Subject specific tools useful for online teaching" on 8 July 2020 from 3.30 to 05.00 pm in the First Online Capacity Development Workshop for sec and sr. Sec School teachers of JMI from 6 -8 July 2020.

11. Invited talk on the topic Creating a Joyful Online Teaching -learning Environment in the present scenario, in the Webinar on "Online Journey of Educational Practices during COVID 19" organised by Education Committee AMU Women's Club on 14 July 2020 from 6.30 - 7.30 pm.
12. Invited talk on the topic Access and availability of OER for online teaching-learning, in the One Week Online Faculty Development Program "On way to Virtual Classroom," wef 20- 25 July 2020, organised by Institute for Development and Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 20 July 2020 from 10.00 am - 12.10 pm.
13. Invited talk on the topic Creation of OER for online teaching-learning, in the One Week Online Faculty Development Program "On way to Virtual Classroom," wef 20-25 July 2020, organised by Institute for Development and Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 20 July 2020 from 1.00 pm - 3.30 pm.
14. Took session on "Exploring NROER, ePathshala and other OER platforms for adaptation/adaptation of online resources for Pre-primary and Elementary Levels" on 22 July 2020 from 11.30 to 1.00 pm in the Second Online Capacity Development Workshop for Pre-primary and Elementary School teachers of JMI from 21 - 23 July 2020.
15. Invited talk on the topic Access, Availability and Creation of OER for online teaching-learning, in the 2 Week Online Faculty Development Program wef 20 July to 2 August 2020, organised by Department of Education, Gautam Buddha University, Noida on 27/7/2020 from 3.00pm - 4.30 pm.
16. Invited talk on the topic Creation of OER for online teaching-learning, in the Two Week Online Faculty Development Program wef 20 July to 2 August 2020, organised by Department of Education, Gautam Buddha University, Noida on 27 July 2020 from 4.30 pm - 6.00 pm.
17. Did presentation on OERs and Subject Specific Online tools for online teaching, in the Online Orientation program for Faculty of the Department in The Orientation-cumdeliberation program for MA Education on 28 July 2020.
18. Invited talk on the topic Subject specific tools and teacher assistance tools for online teaching-learning, in the Two Week Online Faculty Development Program wef 20 July to 2 August 2020, organised by Department of Education, Gautam Buddha University, Noida on 30 July 2020 from 3.00 pm - 4.00 pm.
19. Invited talk on the topic Alternative Online Strategies for Teaching Learning in present scenario in the Certificate Course in Virtual Teaching wef 30 July to 2 August organised by GD Goenka University, Gurugram on 31 July 2020 from 4.00 - 5.10 pm.
20. Invited talk on the topic Assistive Technology for Differently Abled in the Two Week Online Faculty Development Program wef 20 July to 2 August 2020, organised by Department of Education, Gautam Buddha University, Noida on 2 August 2020 from 1.30 pm - 2.30 pm.
21. Invited talk on 'Alternative Online Strategies for Teaching Learning in present scenario' in the National Webinar on Reviewing Teaching and Quality Assurance in Pandemic Situation from the Rural Colleges Perspective organised by IQAC, Nahata Jogendra Nath Mondal Smriti Mahavidyalaya in Collaboration with Dept of Education, West Bengal State University (WBSU) 4 August 2020 from 6.20 - 7.30 pm.
22. Invited talks of 2 sessions on the topic 1. video development tools, ppt16, Loom, Screencastify, etc (Timing 4.00- 5.30) 2. Instructional designing for development of courses (Timing 5.30-6.30), in the Training program for Higher Education Teachers organised by Govt of Andhra Pradesh Commissionerate of Collegiate Education, Vijayawada, funded under RUSA wef 3 - 7 Aug 2020.
23. Invited talk on the topic Pedagogic Techniques and Learning Methods through Learning Management System in the 5 days FDP on Induction Training for Young Faculty Members wef 08 to 12 August 2020 by IQAC & Faculty of Engineering and Technology, Mohammad Ali Jauhar University, Rampur on 11 August 2020 from 11.00 am - 1.00 pm.
24. Invited talk on the topic Orientation to SWAYAM platform. Development of Courses for SWAYAM, in the One Week Online Workshop on "Creation of eContent and Courses: Best Practices of Various Aspects of Online Teaching" wef 17-22 August 2020, organised by Institute for Development and

- Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 17 August 2020 from 2.00 pm - 3.30 pm.
25. Invited talk on the topic Learning Management System, in the One Week Online Workshop on "Creation of eContent and Courses: Best Practices of Various Aspects of Online Teaching" wef 17-22 August 2020, organised by Institute for Development and Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 18 August 2020 from 4.30 pm - 6.00 pm.
 26. Invited talk on the topic Google Tools for Education Subject Specific Tools for Teaching and Learning, in the One Week Online Workshop on "Creation of eContent and Courses: Best Practices of Various Aspects of Online Teaching" wef 17-22 August 2020, organised by Institute for Development and Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 19 August 2020 from 4.00 pm - 5.30 pm.
 27. Took session on the topic Assessing and Curating the Online Resources including OERs, in the One Week Online ICT Workshop for simulation teaching for BEd and DEEd students wef 24 - 28 August 2020, organised by BEd and DEEd course coordinators of IASE-JMI, on 25 August 2020 from 11.30 am - 12.30 pm.
 28. Session on the topic Google Tools for Education Subject Specific Tools for Teaching and Learning, in the One Week Online ICT Workshop for simulation teaching for BEd and DEEd students wef 24 - 28 August 2020, organised by BEd and DEEd course coordinators of IASE-JMI, on 26 August 2020 from 11.30 am - 1.30 pm.
 29. Session on 'Online Assessment with reference to Google Forms and Rubrics', in One Week Online ICT Workshop for simulation teaching for BEd and DEEd students wef 24 - 28 Aug 2020, organised by BEd and DEEd course coordinators of IASE-JMI, on 27 Aug 2020 from 9.30-11.00 am.
 30. Invited talk on the topic Google Tools for Education Subject Specific Tools for Teaching and Learning, in the One Week Online Workshop on "3rd Short Term course in MOOCs & e-Content Development" wef 24 - 28 August 2020, organised by HRDC JNU, on 26 August 2020 from 9.30 am - 11.00 am.
 31. Invited talk on the topic Online Assessment Tools, in the One Week Online Workshop on "3rd Short Term course in MOOCs & e-Content Development" wef 24 - 28 August 2020, organised by HRDC JNU, on 27 August 2020 from 11.30 am - 1.00 pm.
 32. Invited talk on the topic Alternative Online Strategies for Teaching Learning in present scenario in the National Workshop on Online Classes: Usefulness and Precautions organised by IQAC, Mrinalini Datta Mahavidyapeeth, Birati, Kolkata, West Bengal on 5 September 2020 from 3.30 - 5.30 pm. Also launched their Covid related Stress Test App.
 33. Took session on the topic Assessing and Curating the Online Resources including OERs, in the Three Days Online ICT Workshop for simulation teaching for BEd Special and MEd Special students wef 7 - 9 September 2020, organised by BEd Special course coordinators of IASE-JMI, on 7 September 2020 from 11.00 am - 12.0 pm.
 34. Took a session on the topic Tools for online Teaching and Learning -Google, Zoom, Microsoft Teams etc. Three Days Online ICT Workshop for simulation teaching for BEd Special and MEd Special students wef 7 - 9 September 2020, organised by BEd Special course coordinators of IASE-JMI, on 8 September 2020 from 10.00 am - 12.00 pm.
 35. Took session on the topic Creating online assessment items (Google Forms, Rubrics etc.) Three Days Online ICT Workshop for simulation teaching for BEd Special and MEd Special students wef 7 - 9 September 2020, organised by BEd Special course coordinators of IASE, JMI, on 8 September 2020 from 1.00 pm - 2.30 pm.
 36. Invited talks on the topic 1. Accessing and curating e-resources for education and 3 - 4 pm and 2. Copyright and licence issues, creation of OERs, 4-5 pm in the Online Workshop organised by Department of BEEd Miranda House, DU on 11 September 2020.

37. Convened a session in the webinar on National Education Policy, 2020: Deciphering the transformational reforms' organised by SoE, F/o Education, JMI, New Delhi on 16/9/2020.
38. Invited talk on the topic 'Tools for e-content creation' in the 'Two days Online Workshop on e-Content Development for the Mentee Institutes under PARAMARSH Scheme' organised by Regional Institute of Education, Bhopal on 8 October 2020, from 12.30 – 1.30 pm.
39. Invited talk on the topic 'Creation of OERs' in the 'Two days Online Workshop on e-Content Development for the Mentee Institutes under PARAMARSH Scheme' organised by Regional Institute of Education, Bhopal on 9 October 2020, from 11.30 – 12.30 pm.
40. Invited talk on the topic Pre-requisites and precautions for online teaching learning in the 6 Days Online Workshop on "Application of Artificial Intelligence in Teaching and Learning" wef 1-6 Feb 2021, organised by Institute for Development and Communication, Chandigarh, Research Centre of Panjab University Chandigarh, on 3 Feb 2021 from 2.00 pm - 3.00 pm.
41. Invited talk on the topic 'Accessing and curating e-resources for education' in the Online Special lecture organised by JIMS Engineering Management Technical Campus, Greater Noida, on 24 February 2021, 3 – 4 pm.
42. Invited talk on the topic 'Application of ICT in e-Content Development Practices' delivered on 14 March 2021 in the 'Online National workshop on pedagogy and material development in Urdu language education at secondary stage' organised by Department of Education in Languages, NIE, NCERT, New Delhi wef 11 – 15 March 2021.
43. Invited talk on 'Cognitive and technical skills for modern classroom delivery' on 14 March 2021, in the FDP from 8 to 14 March 2021, organised by Delhi Institute of Rural Development (DIRD), New Delhi.
44. Invited talk on "Digital course platforms" on 21 June 2021 in the Five-day workshop on Digital Learning in 21st Century: An Innovative Practice in Teaching-learning at Amity Institute of Behavioural and Allied Sciences, wef 21 to 25 June 2021.
45. Invited talk on 15 July 3pm to 4.15 pm on Searching Identifying and creating OERs, OER Licensing in the FDP on New Strategies and Tools for Innovative Teaching and Learning, wef 12 -16 July 2021, organised by Dept of Language and Literature at St Joseph's College, Calicut, Kerala.
46. Invited talk on 16 July 2 pm to 3.15 pm Invited lecture on Subject Specific Online Tools specifically using FOSS in the FDP on New Strategies and Tools for Innovative Teaching and Learning, wef 12 -16 July 2021, organised by Dept of Language and Literature at St Joseph's College, Calicut, Kerala.
47. 24 July, 2 sessions for IGNOU_Extended Contact Programme (ECP) for the PGDHE Programme wef 22 to 31 July 2021, in the virtual mode by RC Delhi-1, Nodal Regional Centre for conducting the ECP for students of Delhi -1, Delhi -3, Darbhanga, Guwahati, Kolkata, Koraput, Imphal and Bhopal on the topics: Teacher as a Counsellor – guidance and counselling needs of young adults from 2.00 to 3.30 pm and on Role play to discuss problems faced by students and the role of teachers as counsellors 4.00 to 5.30 pm.
48. 25 July, 1 session for IGNOU_Extended Contact Programme (ECP) for the PGDHE Programme wef 22 to 31 July 2021, in the virtual mode by RC Delhi-1 , Nodal Regional Centre for conducting the ECP for students of Delhi-1, Delhi-3, Darbhanga, Guwahati, Kolkata, Koraput, Imphal and Bhopal on the topic: Using Group Project Work as a technique for facilitating learning at college level 4.00 to 5.30 pm.
49. 28 July 2021, session on 'Development of eContent using FOSS' in the workshop on 'Critical Understanding of ICT' organised by IASE, F/o Education JMI wef 27 to 30 July 2021.
50. 29 July 2021, session on 'Subject Spesific ICT Tools for teaching learning' in the workshop on 'Critical Understanding of ICT' organised by IASE, F/o Education JMI wef 27 to 30 July 2021.
51. 2 Aug 2021 invited talk in the 'workshop on eResources for Teachers' at Dept of Elementary Education, Mata Sundri College for Women, DU.

52. 13 Aug 2021, Invited talks of 2 sessions on the topic OERs and OBS (Timing 3.00- 6.00) in the FDP for Higher Education Teachers organised by Govt of Andhra Pradesh Commissionerate of Collegiate Education, Vijaywada, funded under RUSA wef 12 - 14 August 2021.
53. 17 Aug invited talk at HRDC JMI in the 5th FIP, Topic Blended Learning in Teaching'.
54. Invited talk on Online Library Use in FDP at Sri Shankarlal Sundarbhai Shasun Jain College for Women, Chennai on 11 September 2021.
55. Invited talk on Online Tools for teachers in training program for School Teachers of CBSE Schools of Saudi Arabia on 12 September 2021.
56. 23 and 24 September 2021, 4 invited talks at HRDC JNVU, Jodhpur in Gurudakshata FIP.
57. Invited talk on OERs in FDP at St Joseph's College, Tiruchirapalli, Tamil Nadu on 25 September 2021.
58. 4 and 5 October 2021, 4 invited talks at HRDC JNVU, Jodhpur in Refresher Course on MOOCs.
59. 2 Invited talks on the topics Google tools in Education and FOSS Tools for Education, in the 4th Refresher Course in e-Learning & e-Governance (IDC), organised by HRDC JNU, on 21 October 2021 from 9.30 – 11 am and 11.30 am - 1.00 pm.
60. 1 Invited Talk on Licensing and creation of Open Resources in Education in the 4th Refresher Course in E-learning & E-Governance (IDC) through online mode organized by HRDC-JNU: October 29, 2021 from 09.30 am to 11.00 am.
61. 2 invited talks at HRDC Jai Narayan Vyas Univ in the, Refresher course on Quality research and teaching methodology wef 8 Nov to 22 Nov 2021, on 21 Nov 2021.
62. 2 invited talks at HRDC JMI in the 7th FIP on 15 Dec 2.00 to 3.30 pm, and 3.30 to 5.00 pm, Topics Blended Learning in Teaching' and 'OERs'.
63. 2 invited talks on 23 Dec 2021 at HRDC Jai Narayan Vyas Univ in the, online Refresher Course on Sustainable Development Goals wef 17 Dec to 31Dec 2021.
64. 2 invited talks on 24 Dec 2021 at HRDC Jai Narayan Vyas Univ in the, online Refresher Course on Sustainable Development Goals wef 17 Dec to 31Dec 2021.
65. 1 invited talk for IGNOU_Extended Contact Programme (ECP) for the PGDHE Programme 13th January, 2022 to 22nd January, 2022, in the virtual mode by Regional Centre Delhi -1 , for students from the Regional Centres of Delhi -1, Delhi -3, Bangalore, Chandigarh, Jammu and Dehradun on the topic: Using Group Project Work as a technique for facilitating learning at college level 3.00 to 4.30 pm, 16 Jan 2022.
66. 20 Jan 2022, Amity conference panel discussion.
67. 2 invited talks at HRDC Jai Narayan Vyas Univ in the, online Refresher Course on Sustainable Development Goals on 21 Jan 2022.
68. 29 Jan 2022, 1 Invited talk on ICT Integration in Education at DIET Ghumanhera, New Delhi.
69. 1 February 2022, 2 Invited talks on ICT Integration in Education and ICT Tools and their use in Teaching at DIET Daryaganj, New Delhi.
70. 1 invited talk at HRDC Jai Narayan Vyas Univ in the online Refresher Course on 7 Feb 2022.
71. 1 invited talk at HRDC Jai Narayan Vyas Univ in the online Refresher Course on 8 Feb 2022.
72. 2 invited talks at HRDC Jai Narayan Vyas Univ in the, online Refresher Course on 4pm to 7.30 pm, 9 Feb 2022.
73. 2 invited talks on 12 -13 Feb "Innovative Student-Centric Teaching Learning Methods in Higher Education Classroom", at VMLG College Ghaziabad.
74. 2 invited talks on 21 Feb 2022, HRDC JMI, on Blended learning.
75. 1 invited talk in ICT workshop for DELED 2 at IASE F/o Edu JMI on 2 March 2022.
76. 2 invited talks at HRDC Jai Narayan Vyas Univ in the, online Refresher Course on 5 March 2022
77. 12 March 22, 2 sessions Prayagraj college through JNVU, 9.30 to 1 pm
78. 12 March 22, 2 session in HRDC Allahabad University, 2 to 5 pm.
79. 14 March 22, 2 sessions in ICT workshop for BED 1 at IASE F/o Edu JMI.

80. Invited talk on the topic 'ICT integration in education' in the Online Special lecture organised by JIMS Engineering Management Technical Campus, Greater Noida, on 24 March 2022, 3 – 5 pm.
81. 29 March22, 1 session on ICT in Art integrated learning workshop for DEEd 1 at IASE F/o Edu JMI
82. 9 May 2022, Took lecture on ICT integration in Education in Refresher course of AMU HRDC, 11 - 12.30 pm
83. 17 May 2022, Took lecture on ICT integration in Education in Refresher course of AMU HRDC, 11 - 12.30 pm
- 84.18 May 2022, Took lecture on ICT integration in Education in Refresher course of AMU HRDC, 3 - 4.30 pm

Participated in Online Conferences/ Workshops/ Webinars/ Talks through Online Platforms

1. International Webinar on COVID 19 Pandemic: Challenges and Recent Advancements organized by JNU, New Delhi on 25 – 26 April 2020.
2. At Dayal Bagh on Research methodology
3. At SIET Maharashtra on Covid related issues
4. At IASE Bhopal on Research Methodology
5. Meston college on Research Methodology
6. Participated in the webinar on Gandhian Thought and Philosophy organised by Jamia Millia Islamia on 11 August 2020, where Professor Faisal Devji of Oxford University and Prof Ravinder Kumar VC of Meerut University shared their talks from 5 pm to 7 pm.
7. Participated in the webinar on Gandhian Thought and Philosophy organised by Jamia Millia Islamia on 29 September 2020, where Professor Nelson and Professor Ajay of California University shared their talks from 8 am to 10 am.

Papers Presented in Seminars and Conferences - 49

1. Khan A. (2024, December 18). Multilingualism and Role of Translations in Education and e-Content Development in Regional Languages, in One Day National Seminar Organized by APDUMT, JMI, New Delhi.
2. Khan A., Reza, K. & Shaheen, S. (2024, December 18). Three Visions of AI:The Good, the Bad and the Ugly, in One Day National Seminar Organized by APDUMT, JMI, New Delhi.
3. Khanam, A., Ahmad, N., & Khan, A. (2024, October 9). Sustainability through science education: A focus on STSE approach. *One Day International Conference on Weaving a Sustainable World: Integrating Knowledge, Cultures, and Solutions*, Bhartiya Vidya Bhawan, New Delhi. Organized by Bhavan's Leelawati Munshi College of Education & Bhartiya Vidya Bhawan College, Kasturba Gandhi Marg, New Delhi.
4. Alam M.N, & Khan, A., (2024) Integrated Teacher Education Programme (ITEP): Awareness, Importance and Challenges in the National Seminar on Envisioning Teacher Education with Integrated Teacher Education Programme (ITEP): Possibilities and Challenges organized by Nalini Devi

Women's College of Teachers Education, Bhubaneswar in collaboration with Council for Educational Administration and Management (CEAM) on 29th June, 2024.

5. Alam M.N, & Khan, A., (2024) Teachers' Perspectives on Cloud-Based Platforms in Teaching Learning Process organized by Aishabai college of Education, affiliated to S.N.D.T. Women University held on 16 th April 2024.
6. Ahmad, N. & Khan, A. (2024), Exploring STEM Education: A Review of Existing Literature, Jamia International Conference on Education 2024: Transforming Indian Education Post NEP-2020, Connecting to the past - targeting at the future, Department of Teacher Training and Non Formal Education (IASE), Jamia Millia Islamia, Delhi on 14-15 Feb, 2024.
7. **Khan, A.**, Ahmad, J. & Bano, K. (2023) Second International Conference on Multidisciplinary Research held on 03-04 May, 2023 at Department of Education, AMU, Aligarh.
8. **Khan, A.**, Shaheen, S. & Kazmi, Z. (2023), Artificial Intelligence: Awareness, Perception, Preparedness and Challenges for School Teachers and School Administrators, Second International Conference on Multidisciplinary Research held on 03-04 May, 2023 at Department of Education, AMU, Aligarh.
9. **Khan, A.**, Singh, A. (2023) National Conference on School and Teacher Education held on 1st and 2nd Feb, 2023 organized by SCERT Delhi.
10. **Khan, A.**, Shaheen, S. & Alam, N. (2023) Applications of Artificial Intelligence and Cloud Based Technologies in Teaching-Learning, National Conference on School and Teacher Education held on 1st and 2nd Feb, 2023 organized by SCERT Delhi.
11. **Khan, A.**, Singh, A. (2022) Multilingualism and Education in the Indian Context, YOUNG RESEARCHERS' INTERNATIONAL CONFERENCE on Changing Contours of Institutions and Practices: Comparing India and Europe Organised by Directorate of International Conference, Guru Gobind Singh Indraprastha University, Delhi & Jean Monnet Module & Centre for European Studies, Jawaharlal Nehru University, Delhi on 8th & 10th August, 2022.
12. **Khan, A.** (2022), Cyber Safety and Security: Contemporary Societal Issues and Concerns, International Conference on 'Socio-economic and Digital Transformation in Contemporary India and Europe', Organised by JNU Jean Monnet Module, Centre for European Studies, School of International Studies, Jawaharlal Nehru University, New Delhi in collaboration with Dept. of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur, Migration and Diaspora Institute, & Indian Centre for Cultural Diplomacy, held on 21-22 April 2022.

13. **Khan A.** & Alka Singh (2022) 'Happiness Curriculum Experience During the Online Scenario' at the Jamia International Conference on Education-2022 on Outcome based Curriculum and Pedagogical Demands in the Post-Covid Era, Organised by Department of TT & NFE, IASE, F/o Education, JMI, New Delhi, held on 6-8 May 2022.
14. **Khan A.** & Samra Jamal (2022) 'Study about Blended Learning: Through Integrated Approach of ICT in the New Normal,' at the Jamia International Conference on Education-2022 on Outcome based Curriculum and Pedagogical Demands in the Post-Covid Era, Organised by Department of TT & NFE, IASE, F/o Education, JMI, New Delhi, held on 6-8 May 2022.
15. **Khan A.** & Shivani Parashar (2022) 'Innovative Activity based Learning for Grade First during Online Schooling,' at the Jamia International Conference on Education-2022 on Outcome based Curriculum and Pedagogical Demands in the Post-Covid Era, Organised by Department of TT & NFE, IASE, F/o Education, JMI, New Delhi, held on 6-8 May 2022.
16. **Khan, A.** (2020), 'Understanding the Role of Learning Theories in Education' on on 22 Aug 2020 in GECE 1 Kolkata organised by Jadhavpur University and WB college wef 22-23 Aug 2020.
17. **Khan, A.** (2020), 'Technology for Inclusive Education', in the National Webinar on Teacher Education, Concerns, Challenges and Innovations, organised by Department of Teacher education, NCERT, w.e.f. 1-4 July 2020.
18. **Khan, A.** (2020), 'A critical analysis of the status of Teacher Education in India after independence', International Conference on changing landscape of Teacher Education, organised by Department of Educational Studies, Faculty of Education, Jamia Millia Islamia, New Delhi on 04 – 05 March 2020.
19. **Khan, A.,** Jabin, S. (2020), 'A critical analysis of happiness curriculum implemented in elementary classes of Delhi government schools', presented in the JTA Multidisciplinary International Conference (JTACON-2020) organised by the Jamia Teachers' Association, Jamia Millia Islamia, New Delhi on 16-18 February 2020.
20. **Khan, A.** (2020), 'Higher Education MOOCs: Need and Relevance', National Conference on Distance and Open Learning: Challenges and Opportunities in Present Scenario organised by Centre for Distance and Open Learning, Jamia Millia Islamia, New Delhi on 10-11 February 2020.
21. **Khan, A.** (2019), Massive Open Online Courses in Higher Education: Relevance in the Present Scenario, International Conference on Multidisciplinary Research on October- 12-13 2019, in the Department of Education AMU, Aligarh.
22. **Khan, A.** (2019), 'Information and Communication Technology for Children with Special Needs', in ICSSR (IMPRESS) Scheme sponsored National Seminar on 'Academic Accommodation of the

Children with Special Needs, Trends, Challenges and Policies’, organised by N.S.S. Training College, Ottapalam, Palakkad, Kerala, w.e.f. 28-29 May 2019.

23. **Khan, A.** (2019), ‘Development of Scientific Literacy and Temper: A Critical Analysis in the Light of Curricular Documents’, in International Conference on Emerging Trends and Innovations in School Sciences on 6 – 8 February 2019, organised by RIE Bhopal, NCERT in collaboration with MPCOST, Bhopal and CEMCA, New Delhi.
24. **Khan, A.** (2018), ‘Integration of ICT in Education: Personalised Learning in Indian Scenario’ in National Conference on BEd 4year integrated programme: A new perspective of Teacher Education’ on 12 May 2018, organised by Guru Nanak College of Education (GNCE), New Delhi.
25. **Khan, A.** (2017). “Massive Open Online Courses: The way ahead” in National ICT Conference on School Education on 29 November 2017, organised by RIE Ajmer, Rajasthan.
26. **Khan, A.** (2017). “Scientific Literacy and Human Values: Role of Media for Developing a Sustainable Living, in ICPR sponsored Seminar on ‘Meaning of life’ on 16th to 18th April 2017, organised by Amity Institute of Education, Amity University, Uttar Pradesh.
27. **Khan, A.** (2017). Adapting Multilingualism and Role of Translation in Providing Access to Quality e-Contents in Regional Languages, in National Conference on ‘English Language Teaching-learning in Rural Areas and English as Medium of Instruction on 20th March 2017, organized by DEL, NCERT, New Delhi w.e.f. 20 – 23 March 2017.
28. **Khan, A.** (2017). Role of Information and Communication Technology in Language Education, in National Seminar on ‘Use of ICT in Teaching-Learning of Languages in School Education: The Indian Scenario. on 16th March 2017, organized by DEL, NCERT, New Delhi w.e.f. 16 – 17 March 2017.
29. **Khan, A.** (2017). Sustainable Development of the Learners Without Eye Vision- the Case of Dharmesh, in UGC-CAS National Seminar on ‘Educational Sustainability of the Disadvantaged: Pathways to Success’, organised by Department of Education, CASE & IASE, Faculty of Education and Psychology, Maharaja Sayajirao University of Baroda, Vadodara Gujarat on 6 - 7 March 2017.
30. **Khan, A.** (2016). “Massive Open Online Courses and ePGPathshala: Initiatives Aimed towards Digitisation of Post Graduate Teacher Education” paper presented in International Education Conference-2016, organised by IFORE & Jamia Millia Islamia, New Delhi, w.e.f 7-8 December 2016.
31. **Khan, A.** (2016). ‘ICT initiatives for Supplementing Education at School and PG level’, Paper Presented in two-day International Conference on ‘Competency Building for Excellence, Innovation and Sustainability’ organised by Lingya’s Lalita Devi, Institute of Management and Sciences, New Delhi, w.e.f. 7-8 September 2016, proceedings pp. 165- 174.

32. Khan, A. (2016). Paper Presentation in International Academic Conference on ICT titled: 'National Repository of Open Educational Resources: A Collaborative Platform for Connecting People with Knowledge' organised by University of Hyderabad in collaboration with European Union, held on 17 - 18 March 2016.
33. Khan, A. (2016). Paper presented in a 2 days UGC, SAP National Conference on 'Quality concerns in Higher Education' on 19th February 2016, organized by Education Department, University of Allahabad. Paper Title: ICT Lead initiatives making education of children amenable.
34. Khan, A. (2015). Paper presented in a 2 days National Conference on 'Transition in Professional Identities of Teachers' on 30th March 2015, organized by Kamal Institute of Higher Education and Advanced Technology, K-1 Extn, Mohan Garden, New Delhi, Affiliated to GGSIP University, Delhi w.e.f. 30 – 31 March 2015, Titled: Application of Action Research: An Action Plan for Biology/Science Students.
35. Khan, A. (2015). Paper presented in State Seminar on The Changing Contours of Secondary Education – Issues and Challenges on 17th March 2015, organized by YUVA Cell, SCERT, Delhi, Titled: Development of Scientific Literacy and Objectives of Teaching Science at Elementary Level. Full paper published in the Seminar Proceedings, pp. 9 -12, ISBN No. 978-81-930249-2-8 published by SCERT Delhi.
36. Khan, A. (2015). Paper presented in International Gandhi Jayanti Conference 2015 on Education as a Basic Right of Humankind, organised by Indialogue Foundation, JMI and Gandhi Smriti & Darshan Samiti, w.e.f. 3-4 Oct 2015, Titled: MOOCs and Life Long Learning Education.
37. Khan, A. (2015). Paper presented in National Conference on Language and Inclusive Education on 10th March 2015, organized by DEL, NCERT, New Delhi w.e.f. 10 – 12 March 2015, Titled: Web 2.0 Tools in Teaching Learning of Languages in an Inclusive Environment.
38. Khan, A. (2015). Paper presented titled: Scientific Literacy Among Elementary Level Students: An Important Objective of Science Education, in the ICSSR sponsored National Seminar on "Review of the Right to Education (RTE) Act - 2009 - Access and Quality" organized by Budha College of Education, Karnal, Haryana on February 14-15, 2015.
39. Khan, A. (2015). Paper presented in the International Seminar on "Education in Transition: Moving Towards a Performance Driven Teaching and Learning Culture' held on 22 January 2015 at Ideal Institute of Management and Technology, Delhi, affiliated to GGSIPU, Delhi, Paper titled: "Awareness and Understanding of Concepts from Daily Life Science as an Aspect of Scientific Literacy among Elementary Level Students: A Pilot Study".

40. Presented paper in NSIF-2007, Organized by F/O Natural Sciences, Jamia Millia Islamia, New Delhi, Secured IInd position, Topic: A study of the effect of nitrogen and sulphur foliar spray treatments on seed yield of yellow mustard (*Brassica campestris* L.).
41. Paper Presented in the National Seminar on “Quality Assurance in Teacher Based Education: Issues and Challenges Ahead” at Gold Field College of Education, Faridabad, Haryana on 2.4.2011. Title of the paper: “School Curriculum and Teacher Education in the Era of Globalization”.
42. Presented paper on “CCE: Holistic Assessment is a Vital for Personality Development” in “National Seminar on Implementation of CCE: Issues and Concerns” at Budha College of Education, Karnal on 31st Mar12.
43. Presented paper on “Recent Trends and Issues in Teacher Education in India” in “2nd National Conference on Recent Trends in Teacher Education” at Al-Barkaat Institute of Education, Aligarh on 2nd Feb 2013.
44. Presented paper on “Maulana Azad’s Role in Strengthening of Education in India” in three days “International Seminar on Maulana Azad and his Legacy” organized by Maulana Azad Academy, New Delhi in collaboration with ICCR Ministry of Culture, Govt. of India, NCPUL, and Delhi Urdu Academy at ICCR, Azad Bhawan, IP Estate, New Delhi, w.e.f. 21st–23rd February 2013.
45. Presented a paper in a National Seminar on the title ‘Gender Equality: Exploiting the Powerful Unexploited Resources’, organized by Buddha College of Education, Karnal on the theme “Gender Equality –Issues and Challenges” on 29th March 2013.
46. Got a research paper proceedings published and paper accepted for presentation in National seminar at RIE Bhopal, Paper title – ‘Recent Reforms in Teacher Education: Precursors for Development of Learning Society in India’ in August 2013.
47. Presented a research paper on “Role of ICT and web repositories as a medium of interaction in student-teacher relationship, with special reference to National Repository of Open Educational Resources (NROER)” in International Seminar on ‘Psychological Development of students in and outside classroom’, organized by IIMT, Karkardooma, New Delhi-92, on 22nd January 2014.
48. Paper presented in International Education Conference on ‘Education as a Right Across the Levels: Challenges, Opportunities and Strategies’ w.e.f. 10th -11th March 2014 at JMI, New Delhi, Titled: Open Educational Resources: Opportunities and Challenges in Indian Scenario, with special reference to National Repository of Open Educational Resources (NROER) on 10th March 2014, paper published in Conference proceedings pp. 456-465, ISBN 978-81-309-2742-8, published by Viva books, New Delhi.

49. Paper presented in National Seminar on Economics in School Curriculum (Through oral presentation and poster presentation both), on 25th Feb 14, organized by DESS, NCERT, New Delhi w.e.f. 25-26 Feb 2014, Titled: School Economics in the National Repository of Open Educational Resources (NROER): An overview of the developmental process. Full paper published in the Report of Seminar, pp 80-89, weblink: http://www.ncert.nic.in/departments/nie/dess/publication/non_print/Seminar.pdf
50. Presented a research paper titled: “School Science including Physics in the National Repository of Open Educational Resources (NROER): An overview of the developmental process” in the Second Annual convention of IAPT on 15th April 2014 at Happy School, Daryaganj, New Delhi.
51. Paper presented in the National Seminar held w.e.f. 18 – 19 Dec 2014 at SCERT Chennai, Paper titled: “Concept Mapping and Theme Mapping: Major Aspects of National Repository of Open Educational Resources”.

ORGANISED WORKSHOPS/TRAINING PROGRAMS/ EVENTS - 21

1. Organised an INSET program, as Associate Coordinator, for TGT Science held at SKV No 2 Moti Bagh, New Delhi from 30th April – 4th May 2012, also acted as Resource Person and delivered lectures on various issues in the program.
2. Organized training program as Associate Coordinator, for Eco club in-charge teachers of Government schools of Delhi, held at GKSBV, Chirag Enclave, New Delhi from 9th October – 15th October 2012, also acted as Resource Person and delivered lectures on various environmental issues in the program.
3. Organized the first event for the popularization of NROER ‘Connecting Knowledge Connecting People (CKCP)’, launched on Teachers’ Day, 5th September 2013 on the NROER website.
4. Organized the three days workshop on validation of content to be placed on the NROER for Social Science subjects of Sec and Sr. Sec level, from 16th to 18th April 2013 at CIET, NCERT, New Delhi.
5. Organised the three days workshop on validation of content to be placed on the NROER for Science subjects of Secondary level, from 7th to 9th May 2013 at CIET, NCERT, New Delhi.
6. Organized and Participated in the 4th workshop of NROER for Social Sciences and Art Education for class VI-VIII on content validation, identification, concept mapping, tagging and defining the concepts in Hindi and English both w.e. f 29th – 31st Oct 13.
7. Organized as coordinator the 5th workshop of NROER for Sciences and Mathematics for class VI-VIII on content validation, identification, concept mapping, tagging and defining the concepts in Hindi and English both w.e.f 6th – 8th Nov 13.
8. Organized as Coordinator 2 days workshop on Identification and validation of concepts and concept maps in multiple subjects and their translations in Hindi for NROER w.e.f. 16th and 17th April 2014 in R.No. 229, CIET.
9. Organized as Coordinator 3 days workshop on Identification and validation of concepts and concept maps in Science, Geography and Maths and their translations in Hindi for NROER w.e.f. 23rd -25th April 2014 at CIET.
10. Coordinated the 2 days CIET Attachment program (19th and 20th June 2014) in the Training of Master Trainers working in SC/ST concentrated areas for activity based Science and Mathematics Teaching at Upper Primary Stage w.e.f. 10th – 30th June 2014, organized by Department of Science and Mathematics, NCERT, at Room No

229 CIET, Presented NROER on 19th June 2014 and organized Hands on session on NROER and session on dissemination and evaluation of CIET produced programs on 19st May 2014.

11. Conducted a Workshop on 'ICT Pedagogy Integration and NROER (Two Sessions) on 17th April 2015 at the 23rd 3-Week Refresher Course in Education organised by the UGC- HRDC, Jamia Millia Islamia, New Delhi from 09th April to 29th April 2015.
12. Conducted a 2 days workshop on 'e-content creation' to the Students and teachers of Sai Mohan College of Education, Neemka, Faridabad, Haryana, affiliated to MDU Rohtak on 20 -21 January 2016.
13. Coordinated 5 workshops of five days each for UGC funded Project ePGPathshala, eModules video recordings from October 2015 - March 2016, at CIET, NCERT in collaboration with University of Allahabad.
14. Organized/Coordinated the three days workshop on validation of content to be placed on the NROER for Accountancy and Business studies subjects of Sr. Secondary level, from 23rd to 25th Feb 2016 at CIET, NCERT, New Delhi.
15. Organized/Coordinated the two days workshop on concept Identification, theme mapping and concept mapping for placing on the NROER for Languages (English, Hindi, Urdu and Sanskrit) for across the levels of school Education from 26th to 27th May 2016 at CIET, NCERT, New Delhi.
16. Coordinated 10 workshops for ePGPathshala video recordings from November 2015 to May 2016.
17. Provided Training for ICT integration in Education, special focus on NROER, ICT Curriculum and MOOCs to 95 BED students and Faculty members of Sai mohan college, Faridabad in a workshop on 20 - 21 January 2016.
18. Provided training to RIE Faculty and DM school teachers for preparation of Scripts, studio handling, editing, NROER, ICT Curriculum and other ICT initiatives in a 5 days workshop organised at RIE Bhopal in collaboration with CIET-NCERT wef 7th - 11th March 2016.
19. Part of the Post NAS and School Based Assessment (SBA) Training providing Team of Educational Survey Division, NCERT, New Delhi, organised trainings throughout the country.
20. Coordinated (Jointly) the First Online Capacity Development Workshop for sec and sr. Sec School teachers of JMI from 6 -8 July 2020.
21. Coordinated (Jointly) the Second Online Capacity Development Workshop for Pre-primary and Elementary School teachers of JMI from 21 - 23 July 2020.

**MASTER TRAINERS/STATE CORE TEAM PREPARED THROUGH TRAINING PROGRAMME
ON DEVELOPMENT AND MANAGEMENT OF THE NATIONAL REPOSITORY OF OPEN
EDUCATIONAL RESOURCES (NROER) FOR STATES/ UTS (348 PARTICIPANTS FROM
PHASE I TO VII) AT CIET, NCERT**

S. NO.	States	Dates	No. of Participants	Languages
1	MANIPUR	18 - 22 March, 2014	38	Meithei
2	TAMIL NADU, PUNJAB, ODISHA	24 - 28 March, 2014	29	Tamil, Punjabi, Odia
3	MEGHALAYA, MIZORAM, KERALA, GOA	28 April - 02 May, 2014	33	Garro, Khasi, Mizo, Malayalam, Konkani

4	ANDHRA PRADESH, GUJARAT, JAMMU & KASHMIR, MAHARASHTRA, NAGALAND	26 - 30 May, 2014	54	Telugu, Gujarati, Dogri, Urdu, Marathi, Ao, Tenyidie
5	WEST BENGAL, SIKKIM, ASSAM, KARNATAKA, UTTARAKHAND	9 - 13 June, 2014	39	Bengali, Nepali, Bhutia, Lepcha, Limboo, Assamese, Kannada, Hindi
6	BIHAR, HIMACHAL PRADESH, RAJASTHAN, DELHI,	23 - 27 June, 2014	49	Hindi
7.	MADHYA PRADESH, CHANDIGARH, CHHATTISGARH, JHARKHAND, UTTAR PRADESH, HARYANA	4 - 8 August, 2014	50	Punjabi, Hindi, Maithili, Santhali, Khortha
8.	ARUNACHAL PRADESH, TRIPURA, DADRA & NAGAR HAVELI, DAMAN & DIU, ANDAMAN & NICOBAR, PUDUCHERRY	25 - 29 August, 2014	56	Assamese, Galo, Hindi, Bengali, Kokborak, Gujarati, Marathi, Tamil

Total States/UTs covered: 34

Total number of State Teams trained: 34

Total number of State participants: 348

PROVIDED CONTENT SUPPORT TO DEVELOP/DEVELOPED VIDEO PROGRAMS AT CIET-NCERT

1. Magazine prog (Elementary Mathematics) – Chota Bada
2. Making of Specific Angles by Paper Folding (English and Oriya)
3. Cube making by paper folding (Tamil)
4. Process of making cylinder (English and Punjabi)
5. Preparation of Herbarium (English and Oriya)
6. Lecture Series Class XII, Biology Chapter 2, 4 Episodes
7. Lecture Series Class XII, Biology Chapter 11, 3 Episodes
8. Lecture Series Class XII, Biology Chapter 12, 3 Episodes
9. Lecture Series Class IX, Science Chapter 15, 2 Episodes in Hindi
10. Series of 6 audio programs ‘Rahein Kathin to hain Magar’
11. 750 Audio and Video Programs of Arvind Gupta Series in Punjabi
12. 180 Video Lectures of Half hour each for ePGPathshala in Education for M.Ed/MA Education along with 300 Text modules.

13. 12 Audio programs based on Urdu poems of Senior Secondary Level.
14. 4 Video programs for DTE-NCERT's ITPD package for Science Teachers.

RESOURCE PERSON/ SUBJECT EXPERT IN VARIOUS TRAINING PROGRAMS/WORKSHOPS - 66

1. Acted as Resource person in the INSET program for MCD primary teachers held at SKV Dayanand Road, Daryaganj, New Delhi on 28th Dec 2011, delivered a lecture on 'Use of Computers in Education.'
2. Acted as Resource person in the Orientation program for HMs of MCD schools, held at DIET Daryaganj, New Delhi on 30th December 2011 and delivered a lecture on 'e-learning and Importance of Computers in Education.'
3. Participated as a subject expert in a six days workshop on 'Development of Manual for In-Service Training Programme for Eco club In-charge Teachers', from 24th August to 30th August, 2012, at DIET Darya Ganj, Ansari Road, New Delhi-110002.
4. Acted as Resource person in the Primary Teachers Training program, held at DIET Daryaganj from 3rd to 8th October 2012, New Delhi and delivered a lecture on 'Relevance of Theory of Multiple intelligences in humans with reference to developing various abilities in children of primary schools' on 08th Oct 2012.
5. Acted as Resource person in counselling camp for SC/ST community held at MCPS Phatak Badwalan, Balli Maran, Delhi, on 22nd November 2012, organized by DURC in association with DIET Daryaganj.
6. Recorded as a Subject Expert the two episodes of ZEE Salam's program 'Jahan-e-Niswan' on "Vocational Education of Women" in September 2012, telecasted in November 2012.
7. Acted as Resource person in the Urdu TGT's Training program, held at DIET Daryaganj from 17th to 21st December 2012, New Delhi and delivered a lecture on 'RTE and CCE' on 20th December 2012.
8. Acted as Resource person in the Training program for TGT Science, held at SKV No 1 Motibagh from 29th April to 3rd May 2013, New Delhi and delivered a lecture on 'Substance abuse' on 29th April 2013.
9. Acted as Resource person in the Training program for TGT Science, held at SKV No 1 Motibagh from 29th April to 3rd May 2013, New Delhi and delivered a lecture on 'Continuous & Comprehensive Evaluation, and Problem Solving Assessment' on 30th April 2013.
10. Participated as Resource Person/ Subject Expert in the In-Service Training Programme for ECO-CLUB In-Charge Teachers, w.e.f. 22 to 26-07-2013 (five days) at KGSBV, Chirag Enclave, New Delhi-48, organised by DIET, Darya Ganj, Ansari Road, New Delhi-02. Delivered lectures on 'Basic structure of eco-clubs in schools and responsibilities of eco-club in-charge teachers', and 'Environment education for sustainable development: Eco-club – A platform for spreading awareness', dated 22-07-2013.

11. Presented a lecture on NROER and other aspects of communication through video-conferencing to NEHU/NERIE students on 26th Nov 13, in Room No. 136, Chacha Nehru Bhavan, CIET.
12. Prepared a Question Paper of ET for End term exams for GGSIP University New Delhi, submitted on 16th December 13.
13. Presented NROER as Resource person to the Teachers of JMI, Science Group and Social Science group in 10 days training/refresher program of JMI School teachers organized by IASE F/o Education, JMI, New Delhi on 23rd December, 2013.
14. Presented NROER as Resource person to the Teachers of JMI, Language Group in 10 days training/refresher program of JMI School teachers organized by IASE F/o Education, JMI, New Delhi on 25th December, 2013.
15. Acted as Resource person/Subject Expert in the In-Service Teacher training program of Mathematics teachers organized by SCERT Delhi under RMSA fund at KNSKV Jangpura, New Delhi on 28th Dec 2013, Delivered 2 sessions of 2 periods each on 'Innovative Practices in Teaching' to 2 groups.
16. Presented NROER to the Primary School Teachers under Central Schools for Tibetan Administration (CTSA) in the CIET attachment training on 6th Jan 2014 in Room no. 001, CIET, organized by Dept of Education in Languages (DEL), NCERT.
17. Presented NROER through EDUSAT Network to different terminals throughout India on 20th, 21st, 23rd and 24th Jan 2014.
18. Acted as Resource Person/Subject Expert in the "Capacity building programme for Science teachers of minorities in the development and use of teaching-learning material through ICT integrated pedagogy at elementary level" w.e.f 27th to 31st Jan 2014 at RIE Ajmer, visited RIE Ajmer on 30th – 31st Jan 2014, delivered a lecture/presentation on 'Innovative Science teaching with integration of ICT with special reference to NROER' on 31st Jan 14 in the program.
19. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 30th April 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 29th April to 2nd May 2014 for PGT Physics at RPVV Lajpat Nagar organised by SCERT Delhi.
20. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 2nd May 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 29th April to 2nd May 2014 for PGT Physics at SKV Pandara Road organised by SCERT Delhi.
21. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 6th May 2014 from 12.00 pm to 02.30 pm in the INSET program w.e.f. 5th May to 8nd May 2014 for PGT Geography at Gargi SKV Green Park organised by SCERT Delhi.

22. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 8th May 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 5th May to 8nd May 2014 for PGT Sanskrit at Veer Savarkar Govt School, Kalkaji, organised by SCERT Delhi.
23. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 13th May 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 12th May to 16th May 2014 for PGT Political Science at GGSSS, Srinivaspuri, organised by SCERT Delhi.
24. Delivered 2 sessions on 'Technological interventions in Teaching: ICT in Social Science' on 17th May 2014 from 8.00 am to 11.00 am in the Capacity Building program w.e.f. 11th May to 22nd May 2014 for PGT Social Sciences (Combine Group) from JMI Schools at IASE JMI, organised by F/O Education, Jamia Millia Islamia, New Delhi.
25. Delivered a session on 'Cell structure and cell cycle pedagogy' on 17th May 2014 from 11.00 am to 12.30 am in the Capacity Building program w.e.f. 11th May to 22nd May 2014 for PGT Science (Biology Group) from JMI Schools at IASE JMI, organised by F/O Education, Jamia Millia Islamia, New Delhi.
26. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 20th May 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 19th May to 22nd May 2014 for PGT English at SBBMSV, Shankaracharya Marg, organised by SCERT Delhi.
27. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 20th May 2014 from 12.00 pm to 02.30 pm in the INSET program w.e.f. 19th May to 22nd May 2014 for PGT Economics at RPVV, Civil Lines, organised by SCERT Delhi.
28. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 29th May 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 27th May to 30th May 2014 for PGT Mathematics at RPVV, Lajpat Nagar, organised by SCERT Delhi.
29. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 25th June 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 21st June to 25th June 2014 for PGT English at Ramanujan SKV Mahrauli, organised by SCERT Delhi.
30. Delivered a session on 'Innovative Practices in Teaching with special Emphasis on NROER' on 27th June 2014 from 9.00 am to 11.30 am in the INSET program w.e.f. 26st June to 30th June 2014 for PGT Hindi at Veer Savarkar SKV Kalkaji, organised by SCERT Delhi.
31. Delivered a session on NROER and provided the hands-on experience of NROER to the teachers of KGBV during the inservice training program of KGBV teachers of Bihar, Haryana and Himachal Pradesh on 08 Sep14.
32. Presented NROER and ICT curriculum on 11th September 2014 at the 6th WorldDidacIndia w.e.f. 10 – 12th September 2014 at Pragati Maidan.
33. Presented NROER and other ICT related skills on 22-09-2014 in the Training programme for KGBV Teachers on Bridge Course and Teacher Training Package for states of Rajasthan, Bihar, Haryana and Himachal Pradesh w.e.f. 16 – 22 September, 2014 in Room No. 229, CIET.

34. Delivered 2 sessions on “Adaptability of teachers to deal with problems of children with special needs” at Sarvoday Vidyalaya, Sector 7, R.K Puram on 27th October 2014 in the INSET program w.e.f. 27 – 31 October 2014 for Government school teachers of Delhi, Organised by SCERT Delhi under SSA fund.
35. Took session on web 2.0 tools in teaching to the participants of Training for Key Resource persons at NERIE Shillong by videoconferencing through EDUSAT Network on 31/10/2014.
36. Participated in the videoconferencing on NROER to NERIE Shillong through EDUSAT on 3/11/2014
37. Coordinated CIET visit of students and faculty of Jain Vishwabharti University, Ladnun on 3/11/2014.
38. Coordinated the visit to CIET of 86 students in 2 groups from Nursery Teacher Training Institute (Bal Bharti), Pusa Road, New Delhi. Presented NROER and ICT Curriculum also organized studio visits for the students On 12/11/2014 at CIET, NCERT.
39. Participated in videoconferencing/Skype session on Use of ICT in education/NROER and other aspects of communication through videoconferencing to NEHU students at NERIE terminal on 17/11/2014.
40. Participated as resource person and presented NROER on 26th Nov 2014 in the Orientation programme of SCERT faculty of different states w.e.f. 24th – 28th Nov 2014, organized by DESM, NCERT, at Conference room, above SBI, NCERT, New Delhi.
41. Presented NROER, ICT Curriculum and other activities conducted by CIET to the group from NUEPA's PGDEPA participants on 11/12/2014 at CIET, NCERT.
42. Delivered 2 sessions (10 to 1pm) on use of web 2.0 tools in education and ICT Curriculum and NROER at SCERT Gurgaon, for 50 English BRPs from Haryana state (Deputed from the office), 8/3/2015.
43. Participated as Resource Person in the 3 days ‘UGC-SAP National Level Workshop for Professional Development of Teachers and Teacher Educators’ w.e.f. 2-4 January 2015 at Department of Education, University of Allahabad, UP The sessions were delivered on ‘Uses of OER in Action Research’.
44. Took session on Use of ICT in Teaching-learning process to the participants of Training for Key Resource persons at NERIE Shillong through Skype on 19/02/2015.
45. Participated as resource person and delivered a session on Improving ICT use in education through teacher training and re-training on 21st March 2015 in a workshop at Institute for Education and Technical Sciences (IET), Ghaziabad, UP.
46. Participated as resource person and delivered a session on ‘Use of Web 2.0 Tools in Improving ICT use in education through teacher training and re-training’ on 10th April 2015 in the National workshop at BLS Institute for Education and Technical Sciences, Bahadurgarh, Haryana. Affiliated to GGSIP University, Delhi.

47. Participated as resource person and delivered a session on 'Web 2.0 Tools like Google Groups and Google Calendar and their Applications through NROER' 4th May 2015 in the 3 days National workshop (w.e.f. 4th - 6th May 2015) on 'E-Learning Tools for Teacher Educators' at Guru Ram Dass College of Education, Shahdara, Delhi, Affiliated to GGSIP University, Delhi.
48. Participated as resource person and delivered a session on 'Use of Web 2.0 Tools in Teaching-Learning Process' to the English School Teachers under Central Schools for Tibetan Administration (CTSA) in the CIET attachment training on 16th June 2015 in Room no. 229, CIET, organized by Dept of Education in Languages (DEL), NCERT.
49. Participated as resource person and delivered sessions on 'NROER and related activities' to the SriLanka Delegation on 25 December 2015 in Room no. 229, CIET, organized by Dept of International Relations, NCERT.
50. Participated as resource person and delivered sessions on 'NROER, ICT initiatives of CIET-NCERT, ePGPathshala and related activities' in 2 days conference at University of Allahabad from 19–20 Feb 16.
51. Participated as resource person and delivered sessions on 'ICT initiatives for School and higher education at national level, also chaired a session, in National seminar at Lingya's Lalita Devi, Institute of Management and Sciences in the 2 days program on Competency Building for Excellence, Innovation and Sustainability on 23 - 24th September 2016
52. Participated as resource person and delivered sessions on 'ICT initiatives and NROER in the program on International day for Universal Access to information for underserved communities in South Asia as a means to achieve the SDGs, the Viceroy hall, the Claridges hotel, New Delhi on 28 September 2016.
53. Participated as resource person and delivered sessions on 'FOSS and Open Educational Resources, 2 technical sessions, for BEd (IIyr) students, at CIE, DU on 6 Aug, 2016
54. Participated as resource person in the workshop at SIET Hyderabad for OERs, NROER, metadata creation, e-Content Creation tools, w.e.f. 7 -11 November 2016.
55. Participated as resource person in the workshop for ICT at Jain Vishwa Bharti, Ladnun, Rajasthan on 12 Feb 2018.
56. Participated as resource person in National Conference on BEd 4year integrated programme: A new perspective of Teacher Education' on 12 May 2018, organised by Guru Nanak College of Education (GNCE), New Delhi Lecture Title: Information and Communication Technology in Education in India.
57. Participated as resource person in the workshop at CIIL, Mysuru for MOOCs development in different languages, w.e.f. 31 May – 2 June 2018

58. Participated as resource person in the IX class ICT Textbook Development workshop at CIET-NCERT, New Delhi from 4-9 June 2018.
59. Participated in the Curriculum development workshop for Faculty in Ambedkar University Delhi from 12-13 June 2018.
60. Participated as resource person in the workshop at NIEPA, New Delhi for Training MOOCs coordinator faculty from pan India 9 July 2018.
61. Participated as resource person in the workshop at DEL, NCERT, New Delhi for Development of Teacher Training MOOCs from 4-7 Sept. 2018.
62. Participated as Science Expert in the post NAS workshop at SCERT, Raipur, Chattisgarh from 8 – 10 October 2018.
63. Participated as resource person, delivered sessions on ‘ICT initiatives for School and higher education at national level, at Lingya’s Lalita Devi Institute of Management & Sciences on 1 March 2019.
64. Participated as resource person and delivered sessions on ‘ICT initiatives for School and higher education at national level, at organised by Guru Nanak College of Education (GNCE), New Delhi
Lecture Title: Information and Communication Technology in Education in India. On 18 January 2019.
65. Resource Person at ICSSR (IMPRESS) Scheme sponsored National Seminar on ‘Academic Accommodation of the Children with Special Needs, Trends, Challenges and Policies’, organised by N.S.S. Training College, Ottapalam, Palakkad, Kerala, w.e.f. 28-29 May 2019, lecture title: Information and Communication Technology for Children with Special Needs.
66. Resource Person in the 5 days workshop on Development of Media Book for NEP from 15 to 21 September 2021 at SCERT Delhi.

EVALUATION OF RESEARCH TOOLS/SCALES/PROJECTS/ E-CONTENT-16

1. Analyzed and interpreted the data, for teachers, coordinators, students and checked the complete Project Report of Feedback Study of RCI/ISRO/EDUSAT Network-Northern Region, a study by DECU/ ISRO & CIET/NCERT in February 2013.
2. Participated in the two days ‘Workshop for finalization of research tools for evaluation of ICT @ School Scheme in Karnataka State’, dated 26th and 27th February 2013 at CIET, NCERT, New Delhi.
3. Evaluated the research tool for the variable of problem solving ability of Mr. Mehraj Ahmad Bhat, Enrol. No. GH-1694, Research Scholar, Department of Education, AMU, working on the title of “A study of reasoning ability, problem solving ability and learning styles of Secondary school students with special reference to certain demographic variables”, communicated to AMU Aligarh on 14th June 2013.

4. Evaluated the Documentary on 'Best Practices on preparation of E-content in UT Chandigarh and Smart Schools to find space in the CILTs best practices sharing site', on 3 – 4th September 2013, assigned through diary no. 281/DICT/TD/02/09/2013, for CIET, NCERT, New Delhi .
5. Evaluated the research tool for the objective of 'to study the perception of teachers in relation to ICT integration in curriculum,' of Ms. Amanpreet Kaur Chugh, Research Scholar, Department of Educational Studies, JMI, working on the title of "Integration of technology by pre-service elementary teachers: An exploratory study", on 10th October 2013.
6. Evaluated the 3 CDs containing ppts, documents and audio programs of Economics (more than 30) from Navodaya Vidyalaya Samiti, submitted report on 1st November 13 to Hod DICT/TD, CIET, NCERT.
7. Evaluated the revised research tool for the variable of problem solving ability of Mehraj Ahmad Bhat, Enrol. No. GH-1694, Research Scholar, Department of Education, AMU, working on the title of "A study of reasoning ability, problem solving ability and learning styles of Secondary school students with special reference to certain demographic variables", communicated to AMU Aligarh on 12/11/2013.
8. Evaluated the research tool for the variable of Reasoning Ability of Mr. Mehraj Ahmad Bhat, Enrol. No. GH-1694, Research Scholar, Department of Education, AMU, working on the title of "A study of reasoning ability, problem solving ability and learning styles of Secondary school students with special reference to certain demographic variables", communicated to AMU Aligarh on 12th November 2013.
9. Evaluated the research tool (scale) on *Teachers' Attitude towards Use of Educational Technology*". Prepared by Mr. Shantanu Rakshi student of M.Sc. 2nd year Department of Agricultural Communication, G. B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, working on the topic of "*Teachers' Attitude towards Integration of Educational Technology in Classroom Instruction in an Agricultural University*" under the supervision of Dr. Gyanendra Sharma. Communicated the suggestions to Dr. A.P. Behra and the candidate on 13th January 2014 through email.
10. Evaluated two research tools on (i) Literacy Survey Questionnaire for teachers and (ii) Resource and use questionnaire for secondary schools. Prepared by Mr. Debasis Mahapatra Research Scholar working under Dr. Harihar Sarangi, Reader in Education, P.G. Department of Education, G.M. College, Sambalpur, working on the topic of "Information and Communication Technology Literacy among Teachers, Resources and Uses in Teaching in Secondary Schools Vis-à-vis School Settings". Communicated suggestions to Dr. A.P. Behra, and the candidate on 15th Jan 2014 through speed post.
11. Evaluated the research tool for content validity (check list and a questionnaire for teacher educators) of Deepty Gupta, School of Education (SOE), IGNOU, Delhi, pursuing Ph.D. under the guidance of Dr.

Gaurav Singh, on the topic of “Factors Affecting the Usage of e- learning tools in Teacher Education Institutions”. Evaluation report sent on 13th Feb 14.

12. Evaluated the research tool (Check list and Perception scale on the use of Mobile Technology in Teacher Preparation Programs) of Monica Nagpal, Research Scholar, Department of Educational Studies, JMI, working under the guidance of Prof. Anita Rastogi and Prof. Vashishtha, on 28th October 2014.
13. Evaluated the research tool for content validity (Achievement test on Learning theories) of Mr Sandeep Kumar, Department of Education, Kurukshetra University, Kurukshetra, pursuing Ph.D. under the guidance of Prof. SUSHIL KUMAR, Deptt. of Education, KUK on the topic ‘Effect of Interactive Computer Assisted Instruction Programme on Pupil-Teachers’ Achievement in Educational Psychology and their Attitude towards the Programme’. Evaluation report sent on 28th Jan 15.
14. Evaluated the research tools of Ms. Deepti, Research Scholar, Department of Educational Studies, JMI, working under the guidance of Prof. Harjeet Kaur Bhatia and Prof. Najma Ameen, on 23rd Jan 2016.
15. Evaluated the research tools of Ms. Bichitra, Research Scholar, IASE, JMI, working under the guidance of Prof. Ahrar Hussain on 22 December 2016.
16. Evaluated the research tools of Mr Shadab Alam, Research Scholar, IASE, JMI, working under the guidance of Prof. Jasim Ahmad on 22 August 2021.

Online Materials (E-Content & MOOCs) Developed

Title	Details	Weblink of published e-Material	Subject	Host Institution	Year	Level
Development of e-content in 4 quadrants for a complete course/e-book	Week-6, Module-24 Course Title - ICT in Teacher Education	https://www.youtube.com/watch?v=qNdv6FHc43Q	Education	Aligarh Muslim University, MHRD	2019	PG
Development of e-content in 4 quadrants for a complete course/e-book	Week-6, Module-23 Course Title - ICT in Teacher Education	https://www.youtube.com/watch?v=W4RF4VVG_HY&t=34s	Education	Aligarh Muslim University, MHRD	2019	PG
Development of e-content in 4 quadrants for a complete course/e-book	Week - 6, Module - 22 ICT in Teacher Education	https://www.youtube.com/watch?v=UBIQnYDBbrY&t=44s	Education	Aligarh Muslim University, MHRD	2019	PG
Development of e-	Week - 6,	https://www.youtube.c	Education	Aligarh	2019	PG

content in 4 quadrants for a complete course/e-book	Module - 21 ICT in Teacher Education	om/watch?v=DZ9O_RAd_i4&t=35s		Muslim University, MHRD		
Development of e-content in 4 quadrants for a complete course/e-book	Environment Week 5 Module 18	https://www.youtube.com/watch?v=aipa5pTEFPA	Education	Aligarh Muslim University, MHRD	2018	PG
Development of e-content in 4 quadrants for a complete course/e-book	Dr. Aerum Khan Module 6 EE	https://www.youtube.com/watch?v=ZWaZTHVrSZI	Education	Aligarh Muslim University, MHRD	2018	PG
Development of e-content in 4 quadrants for a complete course/e-book	Dr. Aerum Khan Module 5 EE	https://www.youtube.com/watch?v=YXLDSift77M	Education	Aligarh Muslim University, MHRD	2018	PG
Development of e-content in 4 quadrants for a complete course/e-book	Dr. Aerum Khan Module 5 EE	https://www.youtube.com/watch?v=YXLDSift77M	Education	Dr. Aerum Khan Module 5 EE	2018	PG
Development of e-content in 4 quadrants for a complete course/e-book	BIOLOGY XII CH11 EP5	https://www.youtube.com/watch?v=wWb_DI_Sg6Ew&list=PLhstepshqIMjrAdv0pUWeyS1lgTIWxZIwW&index=2	Biology	CIET-NCERT, New Delhi	2018	UG
Editor of e-content for complete course/paper/e-book	BIOLOGY XII CH11 EP4	https://www.youtube.com/watch?v=FDgrQJpzX7s&list=PLhstepshqIMjrAdv0pUWeyS1lgTIWxZIwW&index=1	Biology	CIET-NCERT, New Delhi	2018	UG
Editor of e-content for complete course/paper/e-book	BIOLOGY XII CH11 EP3	https://www.youtube.com/watch?v=rOBztMinxW4&list=PLhstepshqIMjrAdv0pUWeyS1lgTIWxZIwW&index=3	Biology	CIET-NCERT, New Delhi	2018	UG

Editor of e-content for complete course/paper/e-book	Biology IX CH15 EP2 Improvement in Food Resources 2	https://www.youtube.com/watch?v=r3qRj08ZwR0&list=PLhstepshqIMjrAdv0pUWeyS1lgTIWxZlwW&index=4	Biology	CIET-NCERT, New Delhi	2018	Other
Editor of e-content for complete course/paper/e-book	Biology IX CH15 EP1 Improvement in Food Resources 1	https://www.youtube.com/watch?v=EfsEZKka2JU&list=PLhstepshqIMjrAdv0pUWeyS1lgTIWxZlwW&index=5	Biology	CIET-NCERT, New Delhi	2018	Other
Editor of e-content for complete course/paper/e-book	Chapter-12 Biotechnology and its Application (Ep 3)	https://www.youtube.com/watch?v=V5efbg-txtc	Biology	CIET-NCERT, New Delhi	2018	UG
Editor of e-content for complete course/paper/e-book	Chapter-12 Biotechnology and its Application (Ep 2)	https://www.youtube.com/watch?v=kFitbncwN4	Biology	CIET-NCERT, New Delhi	2018	UG
Editor of e-content for complete course/paper/e-book	Chapter-12 Biotechnology and its Application (Ep 1)	https://www.youtube.com/watch?v=aWmmb-cKGw0	Biology	CIET-NCERT, New Delhi	2018	UG
Editor of e-content for complete course/paper/e-book	Philosophy of Inclusive Education	https://www.youtube.com/watch?v=mPppHkLwYt4	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2018	PG
Editor of e-content for complete course/paper/e-book	Sexual Reproduction in Flowering Plants 04	https://www.youtube.com/watch?v=HSdB0V2uEHE&t=3s	Biology	CIET-NCERT, New Delhi	2016	UG
Editor of e-content for complete course/paper/e-book	Sexual Reproduction in Flowering Plants 03	https://youtu.be/02A8rm5Drf8	Biology	CIET-NCERT, New Delhi	2016	UG

Editor of e-content for complete course/paper/e-book	Sexual Reproduction in Flowering Plants 02	https://www.youtube.com/watch?v=NgkehQyX-c8&t=254s	Biology	CIET-NCERT, New Delhi	2016	UG
Editor of e-content for complete course/paper/e-book	Sexual Reproduction in Flowering Plants 01	https://www.youtube.com/watch?v=qJMhi2AeV3k&t=176s	Biology	CIET-NCERT, New Delhi	2016	UG
Editor of e-content for complete course/paper/e-book	Educational Implications of Learning Theories with Special Reference to Memory and Forgetting, Transfer of learning, Comprehension and Insight	https://www.youtube.com/watch?v=kQBJTUahIjo&feature=share&fbclid=IwAR3cNrIKwAM4HBPtfRJpWYpxaJMFnH_KjANgeDZM05YeVkQLj-Lmn6PCtAU	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2018	PG
Editor of e-content for complete course/paper/e-book	Psychology of Learning and Development, its Evolutionary view, Neuroscience Perspective and Humanistic Theory	https://gaming.youtube.com/watch?v=Rr6h0pnXrRo	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2018	PG
Editor of e-content for complete course/paper/e-book	Motivation- Its Meaning and Importance	https://www.youtube.com/watch?v=k8Gct0LkwIE	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2016	PG
Editor of e-content for complete course/paper/e-book	Motivation- Its Meaning and Importance	https://www.youtube.com/watch?time_continue=2&v=k8Gct0LkwIE	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete	National programmes for	https://epgp.inflibnet.ac.in/view.php?categor	Education	UGC, University of	2017	PG

course/paper/e-book	children with disability	y=408		Allahabad and CIET-NCERT, New Delhi		
Editor of e-content for complete course/paper/e-book	Professional ethics of inclusive education teachers and teacher educators	https://www.youtube.com/watch?v=GrbXdrtUj9A	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Grading and Marking System	https://www.youtube.com/watch?time_continue=1&v=VC3t28Elu6M	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	CCE and School based Evaluation	https://www.youtube.com/watch?time_continue=23&v=gRNq-mDcdQU	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Teacher Today, a Reality Check	https://www.youtube.com/watch?v=Bn2un8SdiZI	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Integration of ICT Aided Constructivist Approach in Education	https://www.youtube.com/watch?time_continue=2&v=kspQZ60nvhu	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	ePGEDN 10 40 Teacher in the Digital Age, Issues and Concerns	https://www.youtube.com/watch?v=-L8WnFhGQYk	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content	Scenario of	https://epgp.inflibnet.a	Education	UGC,	2017	PG

for complete course/paper/e-book	Teacher Education in Modern and Contemporary India	c.in/view.php?category=1549		University of Allahabad and CIET-NCERT, New Delhi		
Editor of e-content for complete course/paper/e-book	Perspectives, Issues and Research in Teacher Education	https://epgp.inflibnet.ac.in/view.php?category=1549	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Scope of Teacher Education Programmes in India	https://epgp.inflibnet.ac.in/view.php?category=1549	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Teacher Education in UK and USA	https://www.youtube.com/watch?v=ACZmPA9ndmQ	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	School education in USA	https://www.youtube.com/watch?v=GMFCEmQgKRg	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	School education in Japan and Russia	https://www.youtube.com/watch?v=JUx4lLf0QM0	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	A study of policies, provisions status of educational systems in a comparative perspective	https://www.youtube.com/watch?time_continue=1&v=I3CQgXAJKnQ	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG

Editor of e-content for complete course/paper/e-book	Issues relating to management of public institutions	https://www.youtube.com/watch?v=kx3l4wCEmCk	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Trend of research in Educational Administration: Gaps and priorities	https://www.youtube.com/watch?v=JnnPVgYHys8	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Need and Importance of Research in Educational Administration	https://www.youtube.com/watch?v=LCwIKdK3GNI	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Issues relating to management of Continuous Professional Development of teachers	https://www.youtube.com/watch?v=e_wPUaw7XX0	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Teacher management and development issues	https://www.youtube.com/watch?v=SvWJFBPMEcg	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	HUMAN RESOURCE MANAGEMENT IN EDUCATION	https://www.youtube.com/watch?v=SMWFpSyX6MU	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Emerging issues and problems of educational administration	https://www.youtube.com/watch?v=Hu6TT0_dVLE	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG

Editor of e-content for complete course/paper/e-book	Role of Non-Government Organisation (NGOs) AND COMMUNITY BASED ORGANISATIONS (CBOs)	https://www.youtube.com/watch?v=yRg5ZIkT6Uc	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Role of Civil society organizations in governance of education	https://www.youtube.com/watch?v=kqPLalg2WYI	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Community based Structures for School Governance	https://www.youtube.com/watch?v=PSbNHuwbMQw	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Role of Panchayati Raj institutions in management of educational Institutions	https://www.youtube.com/watch?v=y7qpAFEFNTw	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	CONSTITUTIONAL PROVISIONS AND POLICY FRAMEWORK FOR DECENTRALISED EDUCATIONAL GOVERNANCE IN INDIA	https://www.youtube.com/watch?v=O7sucGeNjQU	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	Decentralized and participatory school governance what and why	https://www.youtube.com/watch?v=cFFzYhXtZ4k	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG

Editor of e-content for complete course/paper/e-book	Decentralization, Local Management and Governance in Education	https://www.youtube.com/watch?v=XZINyXomTBA	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Program Evaluation	https://www.youtube.com/watch?v=IATuuv7IMIE	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Resource centres at block and cluster levels structure and appraisal	https://www.youtube.com/watch?v=e_1tTZudBII	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	Academic Support Structures like NUEPA, NCERT, SCERT, SIEMAT, DIETs	https://www.youtube.com/watch?time_continue=6&v=sAUunoegB0U	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Vidya-mitra 340K subscribers Academic Support Structures like NUEPA, NCERT, SCERT, SIEMAT, DIETs	https://www.youtube.com/watch?time_continue=6&v=sAUunoegB0U	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Code of conduct of teachers and professional ethics	https://www.youtube.com/watch?v=VPTcXU7_Yj4	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Regulations and accountability mechanisms, regulatory bodies	https://www.youtube.com/watch?time_continue=57&v=3UPCjgttelc	Education	UGC, University of Allahabad and CIET-	2017	PG

	guiding the education system			NCERT, New Delhi		
Editor of e-content for complete course/paper/e-book	School Standards and their Evaluation	https://www.youtube.com/watch?v=Ud1y_7gCF5s	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	School Supervision its Concept and Theories	https://www.youtube.com/watch?v=oYDSiggGQvA	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Principles and practices of supervision and monitoring of education system in India	https://www.youtube.com/watch?v=tJcDkEikK4s	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Administration and management of centrally sponsored programmes and schemes	https://www.youtube.com/watch?v=oS4G4cKGlx8	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	Educational administration its structure, function and processes at the district	https://www.youtube.com/watch?v=6ftVYd8Ykhg	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Educational administration its structure, function and processes at the state government	https://www.youtube.com/watch?time_continue=44&v=YdRViztCUsc	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a	Educational administration its structure,	https://www.youtube.com/watch?v=XfI1bnAyl-w	Education	UGC, University of Allahabad	2017	PG

complete course/e-book	function and processes at the central government			and CIET-NCERT, New Delhi		
Editor of e-content for complete course/paper/e-book	State acts and rules related to educational administration in India A critical appraisal	https://www.youtube.com/watch?v=ftdaOpVrcwM	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Constitutional provisions governing educational administration in India sharing of power	https://www.youtube.com/watch?v=TICZYKajlRI	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Landmarks in the development of educational administration in India after independence	https://www.youtube.com/watch?v=G1_ZtmETb4k	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	History and structure of educational administration during British period	https://www.youtube.com/watch?v=WFzt9SHjCcQ	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Development of Educational Administration in India in Pre-British Era: A Historical Perspective	https://www.youtube.com/watch?v=0kpn2pWohxI	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Comparative study of multi level systems of educational administration among some	https://www.youtube.com/watch?v=RxBdzQI5Jw0	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG

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Editor of e-content for complete course/paper/e-book	MULTILEVEL EDUCATIONAL ADMINISTRATION, MANAGEMENT AND GOVERNANCE	https://www.youtube.com/watch?v=Z9w8D9Tcgl8	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Federalism and Decentralization in educational administration and management	https://www.youtube.com/watch?v=2na0172czWY	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Development of e-content in 4 quadrants for a complete course/e-book	Theories of educational administration	https://www.youtube.com/watch?time_continue=34&v=fOR3bXfCzBE	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Concept and approaches to education administration management and governance	https://www.youtube.com/watch?time_continue=2&v=qVQezaDOTHw	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Formative and Summative Evaluation, concept, nature and purpose	https://www.youtube.com/watch?v=S5m60VEXdfw	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Principles of Curriculum development at Elementary level	https://www.youtube.com/watch?v=iy8zu5Snt2M	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2018	PG
Editor of e-content for complete course/paper/e-	Preservice and In service Teacher Education and	https://www.youtube.com/watch?v=5KeJJBzg1pk	Education	UGC, University of Allahabad	2017	PG

book	Strengthening of Teacher Education			and CIET-NCERT, New Delhi		
Editor of e-content for complete course/paper/e-book	Teacher Education in India A Historical Perspective	https://www.youtube.com/watch?v=wqP0G3KQ80E	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Pre service and In service Teacher Education and Strengthening of Teacher Education	https://www.youtube.com/watch?v=5KeJJBzg1pk	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017	PG
Editor of e-content for complete course/paper/e-book	Teacher education in India issues and concerns	https://www.youtube.com/watch?v=HvpVxLzPgZY	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2018	PG
Content Writer/subject matter expert (at least one quadrant)	Biology class 12	https://swayam.gov.in/courses/5888-ncert-biology-xii-april-2019	Biology	CIET-NCERT, New Delhi	2017	UG
Content Writer/subject matter expert (at least one quadrant)	Biology class 11	https://swayam.gov.in/courses/5887-ncert-biology-xi-april-2019	Biology	CIET-NCERT, New Delhi	2017	UG
Content Writer/subject matter expert (at least one quadrant)	Food Nutrition and Healthy living	https://swayam.gov.in/courses/5893-food-nutrition-for-healthy-living-april-2019	Health and Nutrition	CIET-NCERT, New Delhi	2017	UG
Development of Complete MOOCs in 4 Quadrants	Chemistry class 12	https://swayam.gov.in/courses/5899-ncert-chemistry-xii-april-2019	Chemistry	CIET-NCERT, New Delhi	2017, 2018, 2019	UG
Development of Complete MOOCs in 4 Quadrants	Chemistry class 11	https://swayam.gov.in/courses/5889-ncert-chemistry-xi-april-2019	Chemistry	CIET-NCERT, New Delhi	2017, 2018, 2019	UG

		2019				
Development of Complete MOOCs in 4 Quadrants	Educational Administration, Management and Leadership in School Education	https://ugcmoocs.inflibnet.ac.in/ugccourses.php?period=jan_may_2019	Education	UGC, University of Allahabad and CIET-NCERT, New Delhi	2017, 2018, 2019	PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1 L2 Growth, Development and Maturation	https://www.youtube.com/watch?v=WWwLAM9yKgI&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=2&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3 L3 Principles of Growth and Development	https://www.youtube.com/watch?v=bD9_4NrIWK0&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=8&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M4 L1 Piaget's Theory of Cognitive Development	https://www.youtube.com/watch?v=NdN_Fl71p2A&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=9&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M4 L2 Vygotsky's socio cultural theory of development	https://www.youtube.com/watch?v=rjjSYGk2OXs&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=10&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M5 L1 Adolescence and education	https://www.youtube.com/watch?v=lc_TVIOaKH8&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=11&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 August 2020	UG

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M7 L1 socio cultural and cognitive process	https://www.youtube.com/watch?v=NpA_bDLmfBE&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=14&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	22 Augu st 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M9 L1 Cognition and Learning 037	https://www.youtube.com/watch?v=wYeaSUjMfgo&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=17&ab_channel=Channel16	Education	Channel 16 DTH SwayamPrabha	23 Augu st 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M10 L1 Marzano s Dimensions of Learning 031	https://www.youtube.com/watch?v=q93PY5skgqQ&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=18&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 Augu st 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M10 L2 Marzano s Model Showcasing Relationship Among Dimensions of Learning	https://www.youtube.com/watch?v=UaJ-VYYto24&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=19&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 Augu st 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M10 L3 Dimensions of Learning, Bloom s Taxonomy of Thinking Skills 038	https://www.youtube.com/watch?v=7Jhsqd9G9Fg&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=20&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 Augu st 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M12 L1 The concept of Intelligence	https://www.youtube.com/watch?v=TgbF0l4oqko&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=22&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 Augu st 2020	UG

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M12 L2 Theories of Intelligence	https://www.youtube.com/watch?v=-hjj55IDK18&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=23&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M12 L3 Multiple Intelligence Theory of Gardner 1 016		Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M12 L4 Mental age and IQ	https://www.youtube.com/watch?v=kGnyEzBmZIM&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=25&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M12 L5 Measurement of Intelligence 039	https://www.youtube.com/watch?v=9uVGtTesVXg&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=26&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M14 L1 Children with Special Needs CWSN, issues and concerns 1	https://www.youtube.com/watch?v=JI5-y5yv3L0&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=28&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M19 L1 Bruner's Theory 033	https://www.youtube.com/watch?v=poqTtEQsofs&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=35&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M20 L1 Moral Development Theory of Kohlberg	https://www.youtube.com/watch?v=1hxUm97xbE8&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=36&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M21 L1 Theory of Emotional Development or Psychosocial Development by Erickson	https://www.youtube.com/watch?v=MXDhHl9tFew&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=37&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	23 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M27 L1 Kohler s Theory	https://www.youtube.com/watch?v=BT94hTXriAY&list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B&index=46&ab_channel=Channel16	Education	Channel 16 Education DTH Education SwayamPrabha	25 August 2020	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	10 26 21st Century Teacher	https://www.youtube.com/watch?v=dXplbut0uH8&ab_channel=NCERTOFFICIAL	Education	NCERT Official for ePGPathshala	17 December 2019	PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	10 14 Teacher Competency Mapping & Management	https://www.youtube.com/watch?v=QnT4P7UWbcQ&ab_channel=NCERTOFFICIAL	Education	NCERT Official for ePGPathshala	17 December 2019	PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	46 Videos of Child Development and Learning Paper of BEd	https://www.youtube.com/playlist?list=PLqMl6r3x6BUS0yqcHnLZk7Gq3gkk8HD3B	Education	Swayamprabha Website. Channel 16 of IIT Madras and Kanpur	2020	UG

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	33 Videos of Conceptual Foundations of Education Paper of BEd	https://www.youtube.com/playlist?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	2020 21	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Concept of Education, its Meanings and Definitions	https://youtu.be/nfInh5qUzsw?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Concepts of Teaching, Training, Instruction and Indoctrination	https://youtu.be/xB57qLRPQa8?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Aims of Education	https://youtu.be/wfvzcgm9qpU?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Formal, Non formal and Informal Education	https://youtu.be/iug8UXBeb04?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Naturalism	https://youtu.be/PwepGmPMXL4?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Pragmatism	https://youtu.be/hOXJKeSXwds?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Relationship between Philosophy and Education	https://youtu.be/cSP4LIn7Cts?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	6 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Study of the school of philosophy and its educational implications Idealism	https://youtu.be/tnT5BIjj0Ho?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Pragmatism and important issues related to education	https://youtu.be/Kvgf2BGllkc?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Realism	https://youtu.be/D_AWHauY43Q?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Existentialism	https://youtu.be/HoBS30StzI?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	John Dewey	https://youtu.be/AVAh2_Tdj3k?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M K Gandhi	https://youtu.be/_olaoKIiSJU?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Tagore	https://youtu.be/1oIc8wsTxWU?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	7 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	J Krishnamurti	https://youtu.be/vGoGZaWuaYA?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Sri Aurobindo	https://youtu.be/rfOkduItJ4w?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Vivekananda	https://youtu.be/2JjLPuIDtM?list=PLJoALJA_KMOCiX76NXlvz2aRHzmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Paulo Freire	https://youtu.be/RmY8MNMwefk?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Relationship between education and society	https://youtu.be/afFukYCJFRs?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Educational Sociology and Sociology of Education	https://youtu.be/anjXl8d-1-s?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Functionalist and Conflict perspective	https://youtu.be/Io7KQiVDx4U?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	8 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Social Change	https://youtu.be/kYArNcyav6o?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Education and Social Change	https://youtu.be/mgwllQM8T1E?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Basics of Democracy	https://youtu.be/LH2TfKkcxmg?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Democracy and Education	https://youtu.be/jogovt1eOBg?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Agencies of Education	https://youtu.be/QsWTy08KI5w?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Family as an Agency of Education	https://youtu.be/QgxGyCJ93-s?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Role of Family as a whole in the development of children	https://youtu.be/RyPJnY73HTw?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	School as an Agency of Education	https://youtu.be/Qoaf7S7goVU?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Community as an Agency of Education	https://youtu.be/_hHNAUW2dEk?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Society and the education of children	https://youtu.be/JVKaRro0_So?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Socialisation	https://youtu.be/AyVYNA5nfQc?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M5L1 Pluralism and Multiculturalism	https://youtu.be/m7pDvE6RTog?list=PLJoALJA_KMOCiX76NXlvz2aRHZmitmt6a	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	9 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	28 Videos of Educational Technology I Paper of BEd I	https://www.youtube.com/playlist?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiy	Education	Swayamprabha Website. Channel 15 and 16 of IIT Madras and Kanpur	2021	UG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L1 Meaning and Nature of Educational Technology	https://youtu.be/VjpZrchlvU?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiy	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	15 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L2 Scope of Educational Technology	https://youtu.be/Zl7-UyaKakA?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	15 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L3 Significance of Educational Technology	https://youtu.be/kRxpmy_KB6Y?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	15 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L4 Approaches of Educational Technology	https://youtu.be/IUV8tksXw88?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	15 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L5 Forms of Educational Technology	https://youtu.be/5OSN9IW2CBY?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	15 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M1L6 Objectives of Educational Technology and other related concepts	https://youtu.be/GsSKvSfu05o?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L1 Modalities of Teaching Concepts of Teaching, Instruction, Training and Conditioning	https://youtu.be/g8_cGwJXFf4?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L2 Stages of Teaching Pre active, Interactive and Post active Stages	https://youtu.be/MNU4b6tn65A?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L3 Levels of Teaching	https://youtu.be/Eo942cbVu3Y?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L4 Meaning and Definitions of Models of Teaching	https://youtu.be/t-CFxOKLeLE?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L5 Characteristics and Fundamental elements of Teaching Models	https://youtu.be/GOYJQ8wt94c?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L6 Types of Teaching Models	https://youtu.be/GOYJQ8wt94c?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M2L7 Learning styles	https://youtu.be/egCjKyhJKao?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L1 Edgar Dale's Cone of Experiences	https://youtu.be/_gVABbx8MsY?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L2 Meaning, principles and types of Team Teaching	https://youtu.be/PwYFj9KJXlo?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	16 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L3 Stages, advantages and limitations of Team Teaching	https://youtu.be/IH_tXoJ0cdA?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L4 Programmed Instructions Meaning and Principles	https://youtu.be/xXtWsXkCaxk?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L5 Programmed Instructions Linear and Branched	https://youtu.be/RCSqNsmynew?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L6 Difference between Linear and Branched Programming	https://youtu.be/tqalhxBcMso?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L7 Computer Assisted Instruction Basic Assumptions and Technologies Involved	https://youtu.be/HhglyEbGzKM?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L8 Modes of Computer Assisted Instruction and their Limitations	https://youtu.be/pToQyfBX31c?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L9 Computer Managed Instruction	https://youtu.be/p_hFjT1nEDA?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L10 An Introduction to eLearning	https://youtu.be/Ib_B8EF_f1M?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L11 Virtual Classrooms	https://youtu.be/WvVeRFw9Z-0?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	17 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L12 Flipped Classrooms	https://youtu.be/ZaWFpzZ1obI?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	19 July 2021	UG/P G

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M3L13 Design and development of TLM ADDIE Model	https://youtu.be/zHq3LetHx7o?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	19 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M6 L2 Advantages and Limitations of eLearning	https://youtu.be/JKmmGkWz8j8?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	19 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	M6 L1 Modes and Styles of eLearning	https://youtu.be/TIOY Y1reFZ0?list=PLJoALJA_KMOB5wMKSFaXj4IcDMUDDjwiY	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	19 July 2021	UG/P G
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Concept of Growth and Development Dr Aerum Khan, JMI	https://ncte.gov.in/Website/OER/ViewTopic.aspx?cid=105Ft2jc4dKztDTsRQ5Eew==&sid=cLijHqtS7ZnzknynVrhMTED2m76eC7gprE7osA25booWCNvv7QDpuJfwByy7Gqjr&tid=iGw4Lzf9KaiQm+6+QU1436HfEwmd7eys99Wp+6P8gq57vTgggYzWbmrEWtup2EtuFvsLL6MMe11BmGK/dlZkutAehen407X1D8UTM8QF/zZvEpaPKDliF9mP6Xa2USWVxr68le5P1J6naR2sKp14PQ==	Education	NCTE-OER Portal	March 2022	UG/P G
Contribution to development of e-content module in complete course/paper/e-	Difference between Growth and Development Dr Aerum Khan, JMI	https://ncte.gov.in/Website/OER/ViewTopic.aspx?cid=105Ft2jc4dKztDTsRQ5Eew==&sid=cLijHqtS7ZnzknynV	Education	NCTE-OER Portal	March 2022	UG/P G

book (at least one quadrant)		rhMTED2m76eC7gprE7osA25booWCNvv7QDpuJfwByy7Gqjr&tid=7Yd3XtyQIopfDvfpwrFsKm1blAh7A+afvmZ1X/o8isToo7wrsWRQswTrgFUrL0Wx/oKlcIElFjUoHO7o394/qd5kq3oA0DoDudgtUT/gMDTRYvrqfBwZqdUfcicA28ofNhKh9q8pxXEy0D0sYbjeP6TxN7cPkdxNaBRLDTkeURY=				
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Emotional Development of Erickson	https://ncte.gov.in/Website/OER/ViewTopic.aspx?cid=105Ft2jc4dKztDTsRQ5Eew==&sid=cLijHqtS7ZnzknynVrhMTED2m76eC7gprE7osA25booWCNvv7QDpuJfwByy7Gqjr&tid=nPkSNXFDfeOjG/OUCYocX65FO6B96lnOOfJl4Tjo9Ka1gfj+uvi2FCy7SzKvz539M//7hFovfza2l+fq2RSvZsc6ThVVtichOOvGorQLwfT4hTRMWwWjyA2vvnz8RY4u	Education	NCTE-OER Portal	March 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Moral Development Theor Kohlberg	https://ncte.gov.in/Website/OER/ViewTopic.aspx?cid=105Ft2jc4dKztDTsRQ5Eew==&sid=cLijHqtS7ZnzknynVrhMTED2m76eC7gprE7osA25booWCNvv7QDpuJfwByy7Gqjr&tid=v5epuxcbT2i44g2+urKuLHzPLER9YdxpNUJP0hJy5Ypk20JTltajqmmZhcNXrf6vetOf5ke31PQY0TjTV7Q6Na1SnKuUOqaOTCu zjcvdIyE=	Education	NCTE-OER Portal	March 2022	UG/PG

Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Stages and approaches of Growth and Development Aerum Khan, JMI	https://ncte.gov.in/Website/OER/ViewTopic.aspx?cid=l05Ft2jc4dKztDTsRQ5Eew==&sid=cLijHqtS7ZnzknynVrhMTED2m76eC7gprE7osA25booWCNvv7QDpuJfwByy7Gqjr&tid=gwRJ6ktiK4Adk0iJcIwpMCkFDt90OKKNmcInzVtaEZYH5Ue1QbiDAcZFLkGq9LUgCx4z+nKpJHf2929qwCPF/gfxWVN+CgKtHHqye9ieXy5zF+vb7Fkmww1mVvOy8225yTNOiAYrWEbZCGEGTAloKzDN+5aHrdt5G9/WGK3bBzg//4iIq/XOXsjdjKIdOZF7	Education	NCTE-OER Portal	March 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	The Concept and Process of Communication	https://www.youtube.com/watch?v=aA_OMFNjQzs&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Principles of Communication	https://www.youtube.com/watch?v=_RHNkPex3As&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=2	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Types of Communication	https://www.youtube.com/watch?v=WJOG0lUNht8&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=3	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in	Facilitators and Barriers of Communication	https://www.youtube.com/watch?v=3	Education	Swayamprabha Website. Channel 15	11 October	UG/PG

complete course/paper/e-book (at least one quadrant)		0k1Q9DR3TM&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=4		of IIT Madras and Kanpur	2022	
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Effective Classroom Communication	https://www.youtube.com/watch?v=-Bik7dhFsfU&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=5	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Media of Communication	https://www.youtube.com/watch?v=DumReHuIlzU&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=6	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Flanders' Interaction Analysis	https://www.youtube.com/watch?v=0bxi9wPP9k&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=7	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Using Flanders' Interaction Analysis Technique	https://www.youtube.com/watch?v=-fPBjxoybn4&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=8	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Keller Plan or Personalized System of Instruction PSI An Introduction	https://www.youtube.com/watch?v=wk0Hur49Bms&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=9	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in	Keller Plan or Personalized System of Instruction PSI Fundamental Elements	https://www.youtube.com/watch?v=pbspq83oiVg&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=10	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG

complete course/paper/e-book (at least one quadrant)		_KMOBMDT7Wk3npHOHRcGAKTuP7&index=10		of IIT Madras and Kanpur	2022	
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Keller Plan or Personalized System of Instruction PSI Mechanism, Advantages and Limitations	https://www.youtube.com/watch?v=s99BYsWAZ54&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=11	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Learner Controlled Instruction An Introduction	https://www.youtube.com/watch?v=2qySrL-xosI&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=12	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Learner Controlled Instruction Steps Involved	https://www.youtube.com/watch?v=7hOpTnaKKI8&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=13	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Learner Controlled Instruction Advantages and Limitations	https://www.youtube.com/watch?v=gncKfszMs_Y&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=14	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Gagne's Nine events of Instruction	https://www.youtube.com/watch?v=GlaBIuZbK1I&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=15	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	ADDIE Model of Instructional Designing	https://www.youtube.com/watch?v=JLH6N3PYDqQ&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=16	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG

complete course/paper/e-book (at least one quadrant)		JA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=16		of IIT Madras and Kanpur	2022	
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	ID Model by Dick and Carey	https://www.youtube.com/watch?v=7G1jERYXsdk&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=17	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	ASSURE Model of ID	https://www.youtube.com/watch?v=wkXxyZFfVY&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=18	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Systems approach An introduction	https://www.youtube.com/watch?v=c3JTyT-Ye6A&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=19	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Systems approach Steps	https://www.youtube.com/watch?v=IVIVJudGheI&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=20	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	Systems approach Education System	https://www.youtube.com/watch?v=K2RBmW_rHLM&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=21	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/PG
Contribution to development of e-content module in	Systems approach Instructional System	https://www.youtube.com/watch?v=BEfspNxS8K4&list=PLJoALJ	Education	Swayamprabha Website. Channel 15	11 October	UG/PG

complete course/paper/e-book (at least one quadrant)		A_KMOBMDT7Wk3npHOHRcGAKTuP7&index=22		of IIT Madras and Kanpur	2022	
Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant)	TPACK Framework	https://www.youtube.com/watch?v=KRR1CwkOHAK&list=PLJoALJA_KMOBMDT7Wk3npHOHRcGAKTuP7&index=23	Education	Swayamprabha Website. Channel 15 of IIT Madras and Kanpur	11 October 2022	UG/P G

Date: 3 January 2025
Place: New Delhi

DR. AERUM KHAN