




Aditi Mahavidyalaya

Faculty Details



Title	Dr	First Name	Nidhi	Last Name	Goel	
Designation	Professor					
Department	Education- B.El.Ed.					
Address	Aditi Mahavidyalaya (University of Delhi) Auchandi Road Bawana Delhi					
Phone Number						
Email	nidhig@aditi.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.(Education)	CIE, Department of Education, University of Delhi, Delhi.				2016	
M.Phil (Education)	CIE, Department of Education, University of Delhi, Delhi.				2001	
M.Ed.	CIE, Department of Education, University of Delhi, Delhi.				1998	
B.Ed.	CIE, Department of Education, University of Delhi, Delhi.				1997	
M.A. (Mathematics)	Ramjas College, University of Delhi, Delhi.				1996	
B.A. (Mathematics)	Lakshmibai College, University of Delhi, Delhi.				1994	
Hons.						
Career Profile						
Teaching in the Department of Education- B.El.Ed. ,Aditi Mahavidyalaya, University of Delhi since July,2004 as a permanent faculty.						
Administrative Assignments						
<ul style="list-style-type: none"> • Teachers' Representative in College Governing Body (2023 -2024) • Member of the Committee of Course and Studies (Professional) in Education-University of Delhi (2017-18), (2018-19) , (2019-20) , (2020-21) and (2021-22) • Convener of Proctorial Committee - Aditi Mahavidyalaya (2019-20) ,(2020-21) , (2021-22) and (2022-23) • Convener of Cultural Committee - Aditi Mahavidyalaya (2020-21) • Member of the Centralised B.El.Ed. Admission Committee- University of Delhi (2017-18) • Convener of Academic Enrichment Committee- Aditi Mahavidyalaya (2017-18) • Deputy Superintendent Examination - Aditi Mahavidyalaya (2014-15) • Convener of Student Union Advisory - Aditi Mahavidyalaya (2013-14) • In charge for the Department - Aditi Mahavidyalaya (2009, 2013-14 and 2018-19) 						

Areas of Interest / Specialization
Mathematics Education, Cognitive Psychology and Elementary Education
Subjects Taught
Core Mathematics (B.El.Ed.), Logico- Mathematics Education (B.El.Ed.), Pedagogy of Mathematics (B.El.Ed.)
Research Guidance
Research guidance to minor school related projects at B.El.Ed. (Delhi University) every year
Publications Profile
<p>Publications</p> <p>Research Papers</p> <ul style="list-style-type: none"> ❖ Goel, Nidhi (2022). The World of Mathematics in the Classroom. International Journal of Applied Research. 8(4), Pg.104-106. E-ISSN: 2394-58692, p-ISSN: 2394-5869. https://www.allresearchjournal.com/archives/?year=2022&vol=8&issue=4&part=B&ArticleId=9633 ❖ Goel, Nidhi (2022). Mathematics in NEP 2020: Initiative to Strengthen Foundational Literacy and Numeracy Skills. Journal of Research & Method in Education (IOSR-JRME) 12(1), Ser. V, Pg. 48-51. E-ISSN: 2320-7388, p- ISSN: 2320-737x. https://www.iosrjournals.org/iosr-jrme/papers/Vol-12%20Issue-1/Ser-5/H1201054851.pdf ❖ Goel, N.; Gupta P.; Gupta, A.; Gupta, V. & Gupta, A. (2021). Best Foot Forward through transformed TIL Paradigm for effective online learning in India: A Survey study with higher education student in Delhi NCR. Indian Journal of Educational Technology. 2(3), Pg.149-165. ISSN: 2319-5282. https://ncert.nic.in/pdf/publication/journalsandperiodicals/indianjournalofeducationaltechnology/IJET_July_2021_Volume3_Issue2.pdf ❖ Goel, Nidhi (2020). Mathematics and Manipulative: Moving towards Meaningful Classrooms. EDU CARE - A Multidisciplinary International Peer reviewed journal. Volume IX, Number: 1, Pg.1-4 Pg. 376-384, ISSN: 2319-5282. ❖ Goel, Nidhi (2019). Exploring Children's Fear of Fractions. International Journal of Management, Administration, Leadership and Education .Volume 5, Number: 1, Pg. 376-384, ISSN: 2394661X. ❖ Goel, Nidhi (2018). Reflective Practices and Pre Service Teacher Education: In Pursuit for Humane Reflective Teachers. International Journal of Management, Administration, Leadership and Education .Volume 4, Number: 2, Pg. 364-369, ISSN: 2394661X. ❖ Goel, Nidhi (2018). xf.kr f'k{k. esa dgkfu;ksa dh Hkwfedk & dYiuk ls rdZ dh vksj - laosn& cky lkfgR; ds ljksdj .Volume 2, Number: 2, Pg. 70-75, ISSN: 2231-3885 ❖ Goel, Nidhi (2017). çklafxd f'k{k. ls xf.krh; le> çHkko'khy curh gS . International Journal of Management, Administration, Leadership and Education .Volume 3, Number: 1, Pg. 205-208, ISSN: 2394661X. ❖ Goel, Nidhi (2016). Number Sense and Early Childhood Mathematics Learning. International Journal of Management, Administration, Leadership and Education .Volume 2, Number: 2, Pg. 236-239, ISSN: 2394661X ❖ Goel, Nidhi (2016). Contextualized Teaching and School Mathematics. Journal of Social Sciences and Linguistics .Volume 6, Number: 1, Pg. 55-60, ISSN: 2249- 2984. ❖ Goel, Nidhi (2015). xf.krh; f'k{k. esa leL;k lek/kku dkS'ky dh mi;ksfxrk -

Chapters in Edited Book

- ❖ Goel, Nidhi (2022). Approaches to Teaching of Mathematics at Elementary and Secondary Levels. In M.S.Bawa and Sangeeta Chauhan (Eds.) 'Technology of Lesson Planning' (265-307). Delhi: Bookman. ISBN: 978-93-5510-013-9.
- ❖ Goel Nidhi (2021) पुस्तकमेल्लेख:cnysr ifj-'; esa cnyrh f'k{k.k ç.kkyh % djksuk ladV vkSj pqukSfr;kj- डॉओकेन्द्रद्वारासम्पादितऔरसंकलितपुस्तक 'वैश्विकमहामारी 'कोरोना' औरमानवीयसंघर्ष' (193-199). दिल्ली: जे. टी. एस. पब्लिकेशन्स. ISBN: 978-93-90143-79-5.
- ❖ Goel Nidhi (2018) पुस्तकमेल्लेख: 'श्रीमदभगवद्गीताऔरअनासक्तियोग'; डॉमंदाकिनीशर्माद्वारासम्पादितऔरसंकलितपुस्तक 'गीताकेविविधभाष्योमेंनिहितसन्देश' (230 - 232). नईदिल्ली: अखिलभारतीयसाहित्यपरिषद्न्यास .ISBN: 978-81-935086-2-6.
- ❖ Goel Nidhi (2017.) पुस्तकमेल्लेख:प्रवासीभारतीय : क्याखोयाक्यापायाडॉनीलमराठीद्वारासम्पादितपुस्तकप्रवासीसाहित्यप्रसंग ((187-190). प्रकाशक - साहित्यसंचय.दिल्लीISBN : 978-93-82597-98-8

Conference Organization/ Presentations

Paper Presentations

- Paper presentation with the title **NEP 2020: Touching heights in the field of Primary Education**at the ICSSR –sponsored two days national conference on Reconnaissance of Resilience, Re-emergence, Strengthening, Re-building of the Nation organised by Aditi Mahavidyalaya (University of Delhi) held on 19th -20th January, 2023
- Paper presentation with the title **NEP 2020: New Dimensions in Primary Mathematics**in the two days national webinar on National Education Policy 2020: Prospects & Challenges organised by IQAC of Vasanta college for Women (Admitted to the Privileges of Banaras Hindu University) KFI , Rajghat , Varanasi held on 17-18 August ,2021 though online mode.
- Paper presentation with the title **Social Media, Sensitivity and Children- An Analysis**in the two days international conference on Social Media and Society organised by GIDS Lucknow and Forum for Learning and Action with Innovation and Rigour (FLAIR) , Delhi held on 6-7 August ,2021 though online mode.
- Paper presentation with the title **Water in Crisis: School, Sustainability and Social Life**at the UGC – Sponsored National Conference on “Water Scarcity and Sustainability: A Jal Shakti Abhiyaan Perspective” organised by Aditi Mahavidyalaya (University of Delhi) held on 9th March 2021through online mode.
- Paper presentation with the title **Gender Inequality: Detriment to Higher Education** at the UGC –

Sponsored National Conference on “Revamping Higher Education for Girls in India by Exploring Possibilities through Traditional and Innovative Teaching Techniques- Beti Bachao Beti Padho Perspective” organized by Aditi Mahavidyalaya (University of Delhi) in collaboration with CPDHE on 28 August, 2019.

- Paper presentation with the title **गाँधीऔरपर्यावरणवाद : एकअवलोकन** in the two days Interdisciplinary National Conference Cum Workshop on “Gandhian Vision and Environment” at Gandhi Bhawan (University of Delhi) organised by Aditi Mahavidyalaya (University of Delhi) held on 6-7 March 2019.
- Paper presentation with the title **Shaping Mathematics Classroom through Funds of Knowledge** at the 10th International Mathematics Education and Society Conference hosted at University of Hyderabad, Hyderabad held on 28th January to 2nd February, 2019.
- Paper presentation with the title **Influence of Contextualized Regimes in School Mathematics** at the 7th National Conference on Mathematics Education organized by Department of Education in Science and Mathematics (DESM), NCERT Delhi, held on December 20-22, 2018.
- Paper presentation with the title **Exploring Pedagogical content Knowledge through the lens of Mathematics Teachers** at the two day National Conference on “Teacher Education : Current Scenarios and Future Possibilities” organized by Central Institute of Education, Department of Education, University of Delhi, held on March 10-11,2017.
- Paper presentation with the title **School Mathematics: A Contextual Perspective** at one day National Seminar on “Exploring Psychological Perspectives in Education” organized by Central Institute of Education, Department of Education, University of Delhi, held on January 28, 2017.
- Paper presentation with the title **The beliefs about the nature of mathematics of pre-service teachers** at the two day International Education Conference 2016 on the Theme “Teacher Education: Challenges, Opportunities and Strategies” organized by Faculty of Education, Jamia Millia Islamia, New Delhi, India on December 7-8 ,2016.

Research Projects (Major Grants/Research Collaboration)

N/A

Awards and Distinctions

UGC- NET

Association With Professional Bodies

Member - IAENG (Internal Association of Engineers)
Member – Mathematics Education and society (MES)

Other Activities

- ❖ Resource Person – Live Radio counselling for community radio station –radio vahini ,FM 91.2 MHz MuktaVidya Vani- NIOS on the topic ‘गणितकीकक्षामेंअवधारणामानचित्रण (कांसेप्टमैपिंग)’ on 9th November ,2022
- ❖ Resource Person – Live Radio counselling for community radio station –radio vahini ,FM 91.2 MHz MuktaVidya Vani- NIOS on the topic ‘गणितशिक्षाशास्त्रकेमनोवैज्ञानिकदृष्टिकोण’ on 14th October ,2022
- ❖ Invited Speaker – Live Radio counselling for community radio station –radio vahini ,FM 91.2 MHz

MuktaVidya Vani- NIOS on the topic 'गणित और दैनिक जीवन की गतिविधियां' on 1st July, 2022 .

- ❖ Invited Speaker – Live Radio counselling for community radio station –radio vahini ,FM 91.2 MHz MuktaVidya Vani- NIOS on the topic 'प्राचीन भारत की गणितीय परंपरा "' on 26th May, 2022.
- ❖ Invited Speaker in the virtual programme on 'Development of Classroom Assessment Tools' on 29th June, 2021 organized by District Institute of Education and Training, Keshav Puram, Delhi.
- ❖ Invited Speaker in the virtual programme on 'Development of Classroom Assessment Tools' on 28th June, 2021 organized by District Institute of Education and Training, Keshav Puram, Delhi. Topic: Development of Blue Prints
- ❖ Invited Speaker in the virtual programme for final year students of MA (Education) on Pedagogy of Elementary Mathematics Organized by Azim Premji University, Bengaluru on 2nd April, 2021.
- ❖ Co-Chaired Parallel Session V: Health in UGC funded National Conference on "Unfolding the Potentials of Woman including girls and children: Enhancing the benefits exponentially for one and all- Sabka Saath – Sabka Vikas" organised by Aditi Mahavidyalaya (University of Delhi) held on 27th March 2021.
- ❖ Invited Speaker in the webinar on 'Self-Management in the shadow of Covid-19 Pandemic' on 25th May, 2020 organized by IGNOU study center (29061), Aditi Mahavidyalaya, Delhi. Topic: Problem solving skills for Covid-19 Challenges

MOOCs:

- Successfully completed UGC approved short term professional development programme under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching on 'Implementation of NEP2020 for University and College Teachers'" (09-17 September, 2022) offered through INDIRA GANDHI NATIONAL OPEN UNIVERSITY Staff Training and Research Institute of Distance Education, New Delhi.
- Successfully completed 4 week online non- credit course 'Making Mathematics enjoyable, effortless and accessible for all (11th July- 7th August, 2022) offered as a part of UNESCO International online-mentoring Programme Open Education for a better world (OE4BW) on CANVAS platform.
- Successfully completed online non- credit Swayam course 'Research Ethics and Plagiarism' offered through INDIRA GANDHI NATIONAL OPEN UNIVERSITY, New Delhi in the cycle January 2022.
- Successfully completed the AICTE approved 16 week refresher course "Concerns in Educational research and Assessment" (01 December 2020- 31 March, 2021), under the category of ARPIT on SWAYAM platform offered through *Central University of South Bihar, Gaya (Bihar)*.
- Successfully completed online non- credit course 'Teaching character and creating Positive Classrooms' authorized by Relax Graduation School of Education and offered through Coursera on November 12, 2020 (10-15 hours of video and assessments)
Grade Achieved: 96.17%
- Successfully completed online non- credit course 'What Future for Education' authorized by University of

London and UCL institute of education and offered through Coursera on November 10,2020 (6-8 hours/week)
Grade Achieved: 100%

- Successfully completed "MOOC on Plagiarism: Concept and Precautions" organized by USE, Guru Gobind Singh Indraprastha University from July 06 – August 09, 2020 on CANVAS platform (20 Hours of active engagement).
- Successfully completed Two Weeks Faculty Development Programme on "Open Source Tools for Research " organized by Teaching Learning Centre , Ramanujun College, University of Delhi Sponsored by Ministry of Human Resource Development (PMMMNMTL) from June 08 - June 14, 2020.
- Successfully completed Two Weeks Faculty Development Programme on "Managing online classes and co-creating MOOCS" organized by Teaching Learning Centre , Ramanujun College, University of Delhi Sponsored by Ministry of Human Resource Development (PMMMNMTL) from April 20 - May 06, 2020.
- Successfully completed the AICTE approved 16 week refresher course “Gender/Women Studies” (01 October 2019- 31 January, 2020), under the category of ARPIT on SWAYAM platform offered through Jamia Milia Islamia University, Delhi.
- Successfully completed the AICTE approved 16 week refresher course “Pedagogical Innovations and Research Methodology” (01 October 2019- 31 January,2020) ,under the category of ARPIT on SWAYAM platform offered through Guru Jambheshwar University of Science and Technology , Hisar, Haryana.

Workshops:

- ✓ Participated in one day Seminar on Expanding the Domain of Indian Languages in Mathematics and Science (गणित एवं विज्ञान में भारतीय भाषाओं के प्रयोग क्षेत्र का विस्तार) organized by Department of mathematics and department of education of Shyama Prasad Mukherji college, University of Delhi, Delhi and sponsored by Bhatiya Bhasha Samiti (Ministry of Education, GoI) on 18th November, 2022.
- ✓ Successfully participated in online IP Awareness /Training Programme under National Property Awareness Mission organized by Intellectual Property Office, India on 17th October, 2022.
- ✓ Participated in one day online workshop on NEP 2020, **Implementation Plan: Strategic Action Plan and Goals on the theme Multidisciplinary and Holistic Education** organized by CPDHE (UGC-HRDC) University of Delhi, on 29th July, 2022.
- ✓ Participated and successfully completed two day international online webinar on **An Introduction to GeoGebra** organized by Department of Mathematics, St. Xavier’s College, Mapusa-Goa, Catalysed and Supported by National Council for Science & Technology Communication, DST, Govt. of India, New Delhi and Goa State Council for Science & Technology, Saligao, Goa, on the occasion of **National Mathematics Day 2021**, held from 24th January to 25th January 2022.
- ✓ Participated and successfully completed an online five days workshop on “Vedic Mathematics” (under Azadi ka Amrit Mahotsav) organized by Department of Mathematics, Swami Shradhanand College (University of Delhi) Alipur, Delhi in collaboration with Shiksha Sanskriti Utthan Nyas from 6-11 January 2022.
- ✓ Participated and successfully completed five days online workshop on “Online training on Virtual Labs for Teaching and Learning” organized by CIET, NCERT in collaboration with CDAC Mumbai from 27-31 December 2021.

- ✓ Participated and successfully completed five days online workshop on "Use and Integration of Technology: Implementation of the Vision of NEP - 2020" organized by CIET, NCERT, Delhi from August 9-13, 2021.
- ✓ Participated and successfully completed five days online teachers training in 'Cyber Safety and Security' organized by Indian Teacher Education Community, Indore (M.P.) and led by information Security Education and Awareness" by Ministry of Electronics and Information Technology (MeitY), Government of India from July 26-31, 2021.
- ✓ Participated and successfully completed five days short-term course on **Inclusion in Higher Education** organised by Institute of Life Long Learning , University of Delhi, Delhi through virtual mode from March 15-19, 2021
- ✓ Participated and successfully completed three days national level online workshop on 'Teaching Learning Resources in classroom: A Practice to encourage Active Participation and Holistic Learning' , organized by **Dr. H.R. Gajwani College of Education, Adipur** on the Birth Anniversary of former President & Bharat Ratna Dr. A.P.J. Abdul Kalam from October 15-17, 2020
- ✓ Participated and successfully completed five days capacity building programme on Approaches for quality research paper writing in high impact journal organized by IQAC, Rajiv Gandhi University Arunachal Pradesh from September 2-6, 2020.
- ✓ Participated and successfully completed five days Faculty Training Programme 'hands on training programme on Development and Delivery of Course using Moodle and Google App for Teaching' organized by Internal Quality Assurance Cell (IQAC) Aditi Mahavidyalaya (University of Delhi) from August 10-14, 2020.