



Dr. DAYAL SANDHU
Assistant Professor (Education)

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Profile

Dr. Dayal Sandhu, Ph.D. (Education) is an Assistant Professor at Centre for Distance and Online Education, Jamia Millia Islamia, New Delhi. She has got published around 25 articles and research papers in the field of Education in National and International Journals of repute including Scopus indexed journals and presented papers in various Seminars and Conferences in India and Abroad She has been also awarded with IARDO best PhD thesis award and best young researcher award.

Academic Qualification

- Ph.D.(Education) from Dayalbagh Educational Institute , Deemed University, Agra in 2018
- Qualified National Eligibility Test exam and Junior Research Fellowship exam (NET-JRF) in April 2014.
- M.Ed. from Dayalbagh Educational Institute, Deemed University, Agra in 2014
- B.Ed. from Dayalbagh Educational Institute ,Deemed University, Agra in 2013
- M.Phil. (Physics) from Dayalbagh Educational Institute Deemed University ,Agra in 2011
- M.Sc. (Physics) from Dayalbagh Educational Institute, Deemed University, Agra in 2010
- B.Sc. (Physics Honors) from Dayalbagh Educational Institute Deemed University, Agra in 2009.

Areas of Interest

Hybrid Distance Education, Organizational Behavior & Education, Educational Administration and Management, Teacher Education, ICT and Education, Guidance and Counselling

Research Publications

1. Workplace spirituality and its impact on organizational commitment and employees' job satisfaction amongst higher educational institution teachers published in Indian Journal of public Health Research

- and Development vol.10,No.03,March 2019 issue(**SCOPUS INDEXED PUBLICATION**).ISSN No-09765506.
2. Patanjali Yoga Practice and its effect on mental health and moral judgment amongst juvenile delinquents published in Indian Journal of public Health Research and Development vol.11, No.02, Feb 2020 issue (**SCOPUS INDEXED PUBLICATION**).ISSN No-09765506.
 3. Psycho-Social Adjustment of Adolescents of Working and Non –Working Mothers: An Exploratory Study published in International Journal of Psychosocial Rehabilitation(**SCOPUS INDEXED**), Vol. 24, Issue 04, 2020 ISSN: 1475-7192
 4. Differences in Organizational Commitment between Male and Female Higher Secondary School Teachers published in International Journal of Psychosocial Rehabilitation(**SCOPUS INDEXED**), Vol. 24, Issue 04, 2020 ISSN: 1475-7192
 5. SELF ESTEEM AND ITS RELATIONSHIP TO LIFE SATISFACTION AND EMOTIONAL INTELLIGENCE: AN EXPLORATORY STUDY AMONGST SECONDARY SCHOOL TEACHERS published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) (**SCOPUS INDEXED PUBLICATION**)ISSN(P): 2249–6890; ISSN(E): 2249–8001 Vol. 10, Issue 3, Jun 2020, 1833–1838
 6. A Study of Component Gender in Teacher Effectiveness, Personality and Emotional Intelligence amongst High School Educators published in International Journal on Emerging Technologies (**SCOPUS INDEXED PUBLICATION**)11(2): 973-977(2020)
 7. **Determinant of students’ satisfaction towards hybrid distance learning** published in Indian Journal of Applied Research, vol.4 issue 8 August 2014 (Impact Factor 2.1652),ISSN-2249-555X.
 8. **A Review of Research Literature on Workplace Spirituality** published in Global Journal of research analysis, vol.04, issue, 07, July 2015(Impact Factor 3.1218),ISSN No:2277-8160
 9. **Organizational Commitment: Notion, Theory and its Types** published in Paripex-Indian Journal of research, vol.04, issue, 07, August 2015(Impact Factor 3.4163),ISSN No:2250-1991
 10. **All –Optical ultrafast switching in Cytochrome c Protein** published in Paripex-Indian Journal of research, vol.04, issue, 07, August 2015(Impact Factor 3.4163),ISSN No:2250-1991
 11. **Hybrid Distance Learning: A new Paradigm** published in Global Journal of research analysis, vol.04, issue, 08, August 2015(Impact Factor 3.1218), ISSN No: 2277-8160.
 12. **An Ideology of job satisfaction amongst employees** published in Paripex-Indian Journal of research, vol.04, issue, 07, August 2015(Impact Factor 3.4163), ISSN No:2250-1991
 13. **Workplace Spirituality: A new paradigm for teachers** published in Paripex-Indian Journal of research, vol.04, issue, 07, August 2015(Impact Factor 3.4163). ISSN No:2250-1991
 14. **A review of research literature on job satisfaction** published inGlobal Journal of research analysis, vol.04, issue, 07, July 2015(Impact Factor 3.62), ISSN No: 2277-8160.
 15. **Impact of Demographic variables on organizational commitment: A study amongst college teachers** published in International Journal of Scientific Research,vol-6,issue 05,May 2017(Impact Factor 4.176),ISSN No:2277-8179.
 16. **A Review of Research Literature on Organizational Commitment** published in Global Journal of research analysis, vol.04, issue, 07, July 2015(Impact Factor 3.1218), ISSN No: 2277-8160.
 17. **A Review of Research Literature on Hybrid Distance Learning”** published in Global Journal of research analysis, vol.04, issue, 08, August 2015(Impact Factor 3.1218), ISSN No: 2277-8160.
 18. **Gyan ke pratyay,strot evam Praman** published inGlobal Journal of research analysis, vol.05, issue, 03, March 2016(Impact Factor 3.62), ISSN No: 2277-8160.
 19. **Shiksha ke prasar ke liye Gair sarkari prayas** published inGlobal Journal of research analysis, vol.05, issue, 03, March 2016(Impact Factor 3.62), ISSN No: 2277-8160.
 20. **Nature as Perceived in Sankhya Philosophy** published in Ajanta Publication,vol09,March 2019,impact factor-5.5,ISSN No-22775730.UGC Listed,

21. **An Empirical Study of Teaching Effectiveness in relation to Personality and Emotional Intelligence Amongst Secondary School Teachers**", Psychology and Education;vol.58,Feb2021issue(Scopus Indexed),ISSN No-00333077
22. **Dimensions of Teacher Effectiveness, Personality and Emotional Intelligence of Science and Humanity stream Secondary school teachers**, Elementary Education online 2021,Vol20(issue1),page2112-2122 ,Date of Issue:10.17051/ilkonline.2021.01.231 (Scopus Indexed)
23. **Relationship of psychosocial adjustment with self- concept and academic achievement amongst adolescents of working and non-working women**, Elementary Education online 2021,Vol20(issue1),page2720-2724 ,Date of Issue:10.17051/ilkonline.2021.01.305 (Scopus Indexed)
24. **Comparative Study of Educational Achievement of Students of Funded and Self-Funded Secondary Schools of Mathura District**, International Journal of Psychosocial Rehabilitation 2020,Vol24(issue 4),page 6749-6753, DOI: 10.37200/IJPR/V24I4/PR2020486(Scopus Indexed)
25. Research paper titled **DIMENSIONS OF TEACHER EFFECTIVENESS, PERSONALITY & EMOTIONAL INTELLIGENCE AMONGST MALE AND FEMALE SECONDARY SCHOOL EDUCATORS** published in **DEI-FOERAA-A Research Journal in Education** 2021.

National/International Book Publication/ Chapters contributed-

- Spiritual Consciousness in college teachers, LAP LAMBERT Academic Publication, Germany, 2017 (ISBN-978-3-659-62268-7)
- Determinants of job satisfaction towards Hybrid Distance Learning, LAP LAMBERT Academic Publication, Germany, 2017 (ISBN-978-620-202689-5)
- UGC NET JRF Teaching and Research Aptitude ,Sahitya Publication,Agra(ISBN-9789353393687)
- Chapter contributed in the book titled "Dimensions of innovation in education" edited by Anshu mathur,Surinder Kaur and Yogesh Sharma, New Delhi Publishers,2015 (ISBN-978-9381274903)
- Editor of a book titled 'Emerging Trends in Education for Sustainable Future',Gagan deep Publications, New Delhi,ISBN 978-81-88865-69-7
- Chapter contributed in the book titled Emerging Trends in Education for Sustainable Future',Gagan deep Publications, New Delhi,ISBN 978-81-88865-69-7 edited by Prof Kavita Varma and Dr Dayal Sandhu

Awards/Fellowships-

- Awarded UGC-Junior Research Fellowship in April 2014.
- Awarded UGC-Senior Research Fellowship in September 2016
- Awarded IARDO Best PhD. Thesis Award 2018 in Education Stream.
- Awarded Best Young Researcher award (IAREA 2021) jointly organized by Shia P.G College, Lucknow & Science Tech Institute, Lucknow.
- Awarded Editorial Board Membership for International Engineering Journal for Research and Development.
- Certificate of Appreciation as an organizing committee member in National Symposium held on 28 January 2020 on the theme School Leadership for school excellence at GLA University, Mathura.
- Certificate of Appreciation as an organizing committee member in Teacher day celebration program on 17 January 2020 on the theme Writing specific instructional objectives : prerequisites of effective teaching at GLA University, Mathura.
- Certificate of Appreciation as an coordinator in 30hrs value added course on child development and pedagogy held on 7-15 march 2019 GLA University, Mathura

Conferences

1. Research paper entitled **“Vehicle Routing problem: An integrated procedure to optimize the school bus movements”** presented in PARITANTRA 2010, Third Indian Students Systems Conference organized by DEI- Dayalbagh Chapter of Systems Society of India.
2. Research Paper entitled **“GIS-Based Bus Scheduling Optimization for Minimal Fuel Consumption”** presented in 5th International Conference of IMBIC 2011 on Mathematical Sciences for Advancement of Science and Technology, Kolkata (INDIA).
3. Research paper entitled **“Predictors of pupils’ satisfaction towards Hybrid distance learning”** presented in International Conference of the learning community on trends and innovative practices in education: Future and implications Phagwara, Punjab (03-04th march 2015)
4. Research paper entitled **“Meditation training at workplace”** presented on 30-31st October 2015 in VALEDU 2015, Dayalbagh Educational Institute, Agra.
5. **Research paper entitled “PATANJALI YOGA PRACTICE AND ITS EFFECT ON MENTAL HEALTH AND MORAL JUDGMENT: AN EMPIRICAL RESEARCH AMONGST JUVENILE DELINQUENTS” presented at “Towards a science of consciousness” 2015 East West Forum Helsinki, Finland on 8th -13th June 2015.**
6. **Poster Presentation entitled “Spiritual Exercise and meditation training at workplace” presented at “Towards a science of consciousness” 2015 East West Forum Helsinki, Finland on 8th-13th June 2015.**
7. Research Paper entitled **“Constructivism and Skill based Pedagogy in the context of Higher Education”** presented in 8th International Conference of Indian Psychometrics and Educational Research Association (IPERA), Patna on Evaluation of Modern Educational System on 24-26 September 2016.
8. Research Paper entitled **“Collaborative Learning :A New Paradigm of Teaching”** presented in the XVI National conference on ‘The ICT & Education’ on Oct.22-23, 2016 at Kishori Raman Teachers Training College and All India Association of Teachers Educators, New Delhi.
9. Research paper entitled **“SPIRITUAL CONCIOUSNESS IN COLLEGE TEACHERS AND ITS IMPACT ON ORGANIZATIONAL COMMITMENT”** presented at “The science of consciousness” 2017, San Diego, California from 5th -10th June 2017.
10. Research paper entitled **“An empirical study of Psycho social adjustment of adolescents of working and non -working mothers”** presented at National Conference on “Horizon of Teacher Education in India” organized by Al-Hidayah College of Education, Aligarh (UP) on 14th-15th September, 2020.
11. Research Paper entitled **“An Empirical study of Male and female teachers amongst Teacher Effectiveness, Personality and Emotional Intelligence”** at the online International Conference organized by center for distance and online education, Jamia Millia Islamia, New Delhi on 10-11 December 2020.
12. Research Paper entitled **“An empirical investigation on Teacher Effectiveness, Personality and Emotional Intelligence of High School Educators”** presented in the Two day international virtual conference held at DAV Centenary college, Faridabad on 8th and 9th July ,2021 on the title Shifting Paradigms in the teaching learning scenario post covid19

Seminars-

1. Research paper entitled **“Glancing the menance of examination malpractice: notion, form, causes, consequences and proffered solutions”** presented in National Seminar organized by All India Association of Teacher Educators & KR Teachers’ Training College, Mathura on 21-22 February 2015.
2. Research paper entitled **“Recent development in the study of creativity “presented in ICSSR sponsored National Seminar at Ramgarhia College of education.**
3. Attended **UGC –SAP seminar on “Soft computing Techniques for Biometric Technologies “on 30th march 2010 by the dept. of Physics and computer science, DEI.**

4. Attended **UGC –SAP seminar on “Astrophysics and Cosmology”** on 30th march 2009 by the dept. of Physics and computer science, DEI.
5. Attended **“Two day multidisciplinary National Seminar on Pre-Doctoral research [MDNSPDR-2016]”** on 6th -7th February 2016, DEI.
6. Research paper entitled **“The Impact of Teacher Effectiveness and Emotional Intelligence among secondary school teachers** “presented in National Seminar on ‘Emerging trends in Education for Sustainable Future’ organized by GLA University, Mathura (U.P.).
7. Research paper entitled **“Study of self-concept and academic achievement of adolescents of working and non-working women” in National Seminar on Post Covid 19 Scenario :New Approaches and Challenges of Education”** organized by faculty of Education, Agra public Teacher Training College, Agra(U.P), India on 26th and 27th September 2021.

Workshop Participation

1. Attended **Four day workshop on VLSI Design** organized jointly by Dept. of Electrical Engineering DEI and Industry Institute of Partnership Cell from 26th -29th December 2011.
2. Attended three days International School on Quantum and Nano Computing systems and Applications held at Dayalbagh Educational Institute, Agra, India from 26-30 November, 2014.
3. Attended one day Workshop on **“Messengers from the Universe”** organized on 27th march 2010 by the dept. of Physics and computer science, DEI.
4. Attended three days International School on Quantum and Nano Computing systems and Applications held at Dayalbagh Educational Institute, Agra, India from 25-29 November, 2015.
5. Attended 6 hours workshop on **“Basic and advanced features of Excel”** sponsored by AADEIs on 2nd April, 2015.
6. Attended three days International School on Quantum and Nano Computing systems and Applications held at Dayalbagh Educational Institute, Agra, India from 23-26 November, 2016.
7. Attended two day workshop for teachers on **‘Understanding the Self’** from 7th-8th October 2016 at GLA University Mathura.
8. Attended one day workshop on **Plagiarism-academic integrity and smart referencing using Mendeley** on sept 29, 2018 at GLA University, Mathura.
9. Two day National Level Lecture cum demonstration on **Neuroscience & Brain based Learning** under C-Kart, School of Education, Pandit Madan Mohan Malviya, National Mission on Teachers and Teaching (PMMMNMTT), MHRD Govt of India.
10. Participated in One day virtual workshop on **How to create and conduct ICT based classroom Quizzes** organized by BSVS Educational Learning Centre, Nagpur on 13/5/2020.
11. Participated in Two Day International Online Workshop on **Self Health Care and Yoga** from 20th to 21st October, 2020 organized by Centre for Knowledge, Acquisition, Retention and Transformation (C-KART) School of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme of MHRD, Govt. of India
12. Attended two day (28th to 29th Jan 2021) International online workshop on **Integration of animation in teaching and learning** organized by C-Kart, School of Education, Dayalbagh Educational Institute, Agra
13. A one day National Online workshop on Fundamentals of **Artificial Intelligence and its Application in Education** on 28th December, 2020 organized by Centre for Knowledge, Acquisition, Retention and Transformation (C-KART) School of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme of MHRD, Govt. of India

Training courses / Courses Organized/Faculty Development Program-

1. Attended three week practical training in **“Electronic Design-Analog and Digital”** organized by Dept. of Electrical Engineering DEI and Industry Institute of Partnership Cell from 26th -14th June, 2008.

2. Attended 27-hour course on “**Advanced soft skills**” sponsored by **AADEIs ICT centre, Noida** from 20th September-19th November ,2007)
3. Attended short term course on “**Internet technologies and programming with Java**” organized from 24th December -25th January 2008)
4. Attended the **Scouting-Guiding theory –practical training** for six months and has attended camp for five days from 1st January 2013-5th January 2013.
5. Organized ‘**Train the Teacher Program**’ for training teachers in Radhasoami Adivasi Higher Secondary school, Rajaborari (M.P) from 7/2/2017 to 24/2/2017.
6. Completed one week **Faculty Development Program on ‘Data Analysis using Statistical Package R’** organized by Jagannath International Management School, Vasant Kunj, New Delhi.
7. Participated in Three days **National Online Faculty Development Program (FDP)** and Management Development Program (MDP) on Research Methodology: Tools and Techniques organized by Inspira Research Association(IRA) and LBS PG College Jaipur from 29-31 May,2020.
8. Completed **Two weeks National Interdisciplinary Refresher course** on Research Methodology and Data Analysis from 24th march to 7th April 2021 from Teaching Learning Centre, Ramanujan College, University of Delhi.
9. Participated in the Faculty Development Program on **Design, Develop and Deliver Online Courses** organized by NIEPA during 5-9th July 2021 at NIEPA, New Delhi
10. Participation in Faculty Enrichment Program on ‘**21st century skills for University Teachers**’ from 21st-26th June,2021 organized by Academic staff college, Amity University Haryana.

Workshops/Seminar Organized /Chaired a Session/Resource Person

1. **Supervisor for Internship of B.Ed. Interns at Rajaborari (M.P) from 5/2/2017 to 25/2/2017.**
2. Organized **Ten days Computer literacy Workshop** from 7/2/2017 to 17/02/2017,Seven days **Workshop on Communication Skills and Personality Development** from 18/2/2017 to 25/2/2017, Eleven days **Workshop on Employability and Life Skills** from 9/2/2017 to 20/2/2017,Seven days **Workshop on Cashless Transactions** from 13/2/2017 to 20/2/2017 ,Seven days **Workshop on Vedic Mathematics** from 16/2/2017 to 23/2/2017,Ten days **Workshop on Instrumental Music** from 9/2/2017 to 20/2/2017 at RadhaSoami Adiwasi Higher Secondary School, Rajaborari (M.P).
3. Organized **INTRODUCTORY WORKSHOP on MATERIAL PRODUCTION FOR TEACHERS’ HANDBOOK** (Under M.Ed. Internship Programme of ‘Train the Teacher’ for Timarni and Rajaborari) (20/3/2017) as a sub- coordinator at Faculty of Education, DEI.
4. Organizing Secretary of Multidisciplinary National Seminar “Emerging Trends in Education for Sustainable Future” at GLA University ,Mathura on 12th April 2019.
5. Chaired a Session on ‘**Digital Pedagogy for Sustainable Future**’ in the Multi Disciplinary National Seminar on ‘Emerging trends in Education for Sustainable Future’ organized by GLA University, Mathura (U.P.).
6. Delivered Lectures as Resource Person to the participants from South Africa in the workshop “Mathematics Teachers on the use of online Mathematical Teaching Tools and Techniques” from July 29-August 2, 2020.
7. Served as Conference Chair at the International Conference 2020 on the theme, “Distance Education And Educational Technology” Organised by Centre for Distance And Online Education, Jamia Millia Islamia, New Delhi on 10-11 December,2020
8. Delivered Sessions as a resource person in workshop of Guidance and Counselling held on November 20-November 24,2020
9. Organized special lecture as Convener on the topic ‘**Education post Covid 19: New Approaches**’ on 27th May, 2021 at Centre for distance and online Education, Jamia Millia Islamia (New Delhi).

10. Organizing committee member in National Symposium held on 28 January 2020 on the theme School Leadership for school excellence at GLA University, Mathura.
11. coordinator in 30hrs value added course on child development and pedagogy held on 7 -15 march 2019 GLA University, Mathura
12. Organizing committee member in Teacher day celebration program on 17 January 2020 on the theme writing specific instructional objectives: prerequisites of effective teaching at GLA University, Mathura.
13. Organized **Road Safety Awareness Webinar** for MA Education Students conducted by Honda Motorcycle and Scooter India Pvt. Ltd and Jamia Millia Islamia held on 31st July 2021.
14. Delivered online lectures for BEd Program(Jammu Chapter) Directorate of Distance Education, University of Kashmir with subject entitled Language competence and communication skills during online contact program from 17/6/21- 26/6/21.
15. Resource person in the **National Seminar on Post Covid 19 Scenario :New Approaches and Challenges of Education**” organized by faculty of Education, Agra public Teacher Training College, Agra(U.P),India on 26th and 27th September 2021 on the topic **New Teaching and Learning Methods post Covid 19 Era.**

Supervision

- **Dissertations at M.Ed. /M.A. level (11).**

Foreign Universities visited For Presenting Paper in Conference-

- University of Helsinki, Helsinki, Finland in the year 2015
- San Diego State University, San Diego, California in the year 2017

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