

CURRICULUM VITAE

NAME	Dr. Deepa Chanbasappa Metgud
CURRENT POSITION	Professor and HOD Dept of Pediatric Physiotherapy Ex Dean Faculty of Physiotherapy, KLE AHER
CONTACT INFORMATION	Department of Pediatric Physiotherapy, KLE University's Institute of Physiotherapy, Nehru Nagar, Belgaum: 590010, Karnataka 91- 09845861236 drdeepa_metgud@yahoo.com/deepametgud@klekipt.edu.in
PROFESSIONAL EDUCATION	
2011	Ph.D (KLE University) Dissertation: Predicting neurological Outcome in very low birth weight infants at One year of corrected age using Movement Assessment of Infants scale-A Longitudinal Study. Guide: Dr V.D.Patil, Principal JNMC
2001-2003	Master of Physiotherapy (Rajiv Gandhi University of Health Sciences, Bangalore) Dissertation: An Ergonomic study of women Workers in woolen textile industry and Identification of health relate problems Guide: Dr M.G.Mokashi
1995-2000	Bachelor of Physiotherapy (Karnataka University Dharwad)
2006	Certificate Course in Neurodevelopmental Therapy NDTA, USA at Mumbai
2007	International training in BSID-II and ASQ-III for BRAIN-HIT project by Fred Baisani at JNMC women's and Children's Research unit, Belagavi
2011	Research Mentorship Program from KLE University in association with University of Illinois and Missouri from 10 th Feb to 4 th march 2011
2016	Bayley Scale of Infant Development-III, Inter-NDA and Family Care Indicator certification from University of Alabama, Birmingham, USA from 5 th Dec-9 th Dec 2016
2018	International certification in Basic Course on Prechettl's General Movements by Dr Christa Einspheler at St. Johns

	medical college, Bangalore from 28th Feb to 3 rd March 2019
2021	International certification in ASQ3 from Brookes publication house, USA, June 2020
2021	BSID-IV training from Pearson India Education Services, Bangalore.
2022	Consultant for BSID-IV for Pearson Publishing House, India (2022- Till date)
2023	Certified level 1 Total Motion Release- tots
2024	Certified for Behavioral Rating Scale from Masonic Institute for the Developing Brain University of Minnesota, USA November 2024
2025	Certified in Global Scale for Early Child Development(GSED), April 2024 at New Delhi by WHO team, Pioneers in GSED development
PROFESSIONAL EXPERIENCE	
August 2022-2024	Dean Faculty of Physiotherapy, KLE Institute of Physiotherapy, Belagavi,
May 2019-till date	HoD, Dept of Pediatric Physiotherapy KLE Institute of Physiotherapy, Belagavi,
Aug 2015 –till date	Professor, KLE Institute of Physiotherapy, Belagavi
2010-2015	Associate Professor, KLE Institute of Physiotherapy, Belagavi
2004 - 2010	Assistant Professor ,KLE Institute of Physiotherapy, Belagavi
2004- 2004	Lecturer, KLE Institute of Physiotherapy, Belagavi
2002 -2003	Junior Lecturer, JNMC, Belagavi
2000 -2002	Tutor, JNMC, Belagavi
Total teaching experience	25 years
Research experience in funded projects (National &International)	
<ul style="list-style-type: none"> • Principal investigator for project titled “Impact of training community health workers (CHW) in administering the ASQ-3 for identification of infants at risk for developmental Delay” an international Collaborative project jointly funded by Thomas Jefferson Son University, Philadelphia, USA and KAHER University, Belagavi(March 2019 –December 2022) • Principal investigator for project titled “Impact of sit down and play on neuromotor development and parenting behavior in preterm babies-RCT” funded by National organization Society Of Physiotherapist, India for the 	

year 2020-21 (**January 2020- July 2022**)

- **Co-Investigator** for a project funded by University of Regensburg and The Bavarian-Indian Centre for Business and University Cooperation (BayIND), The Effect of Parenting Styles On Cognitive Development in Early Childhood- A Cross-Cultural Study. MATCHI (MATERNAL INTERACTION, CULTURE & CHILD)
- **Master trainer** for Bayley IV in project funded by Indian Council of Medical Research (ICMR)- ACTION- ND Trial in collaboration with WHO (2022- Till date), Follow- up study to evaluate the impact of antenatal corticosteroids on late preterm births on neurodevelopment outcomes at 33 months of age
- **Neurodevelopmental evaluator** for project titled “ Maternal DHA supplementation and offspring neurodevelopment in India(DHANI)”- funded by India Alliance in association with Public health foundation of India from October 2016 to April 2019 Neurodevelopmental evaluator for Women first Neurodevelopmental follow up project funded by Bill and Melinda Gates Foundation in collaboration with University of Colorado, USA
- **Research assistant** for a pilot study on Feasibility of Sit Down and Play in primary care setting in collaboration with University of Illinois funded by NIH-2018
- **Research assistant** for a “feasibility implementation study of SIT down and play in primary health care setting ” in collaboration with University of Chicago, from October 2019 funded by NIH
- **Neurodevelopmental Evaluation specialist** for BAYLEY 4 India standardization project by Pearson publication house (Jan-June 2022).
- **Neurodevelopmental consultant and evaluator** for ASPRIN - neurodevelopmental follow up study of global network NICHD, USA funded by Thrasher (**Dec 2021- May 2022**)
- **Behavioral Rating Scale Coder and Trainer** for a project funded by Children’s Investment Fund Foundation (CIFF), RAPIDIRON-KIDS Study
- Neurodevelopment Evaluator for a project funded by The Thrasher Research Foundation, USA. The ABC (Azithromycin: Brain neuroprotection for Children) Study, Single Oral Dose of Azithromycin 2gm to Prevent Maternal Peri-partum Infection and Newborn Sepsis in Laboring Women (A-PLUS Trial): Repurposing Azithromycin as a Neuro-protector: A Neurodevelopmental Follow-up Secondary Study
- Visited **University of Alabama, USA** NOV 2016 for BSID and Inter

<p>NDA Training and certification.</p> <ul style="list-style-type: none"> • Visited MIDB, University of Minnesota, Minneapolis, USA for BRS coding training for RAPIDIRON-KIDS study Training in November 2024 • Visited Thomas Jefferson University, Philadelphia, USA as part of research collaboration in Nov 2024
Guide:
<ul style="list-style-type: none"> ➤ PhD guide-KLE University, Belgaum from 2013 ➤ Guide for PhD-05 (Ongoing) , 01 (Completed) ➤ External advisor for PhD candidate at JSS University,Mysore – 2013
<ul style="list-style-type: none"> ➤ Postgraduate guide - Rajiv Gandhi University of Health sciences, Bangalore from 2007 and KLE University since 2008 till date
<ul style="list-style-type: none"> ➤ Guide for postgraduates: > 85 Students
<ul style="list-style-type: none"> ➤ Co-guide – 03 Students of MD Pediatrics, students JMNC
Additional Post held:
<ul style="list-style-type: none"> ➤ Life member KLE society 2021(Academic Governing board of the KLE society) ➤ Joint Member Secretary, KLE Society’s English Medium School (more than 30 CBSE Schools in Karnataka and Maharashtra ➤ Editor in Chief, Indian Journal of Physical Therapy and Research, Belagavi since January 2019- 2022
<ul style="list-style-type: none"> ➤ Assistant Editor, Indian journal of Health Sciences and biomedical research, Belgaum from 2013-2023 ➤ Member of Scientific advisory committee of OXFORD, University of southampton, Southhampton, United Kingdom.
<ul style="list-style-type: none"> ➤ Assistant Co-Ordinator, Internal Quality Assurance Cell(NAAC),KLE University since 2011 till date ➤ Actively involved in 1st , 2nd cycle and 3rd Cycle of NAAC in 2010, 2015 and 2021,2022 respectively at the university and was instrumental in writing self-study report of KLE University for NAAC and AQAR since 2011
<ul style="list-style-type: none"> ➤ Actively involved in KLE University assignments: <ul style="list-style-type: none"> • UGC inspection of KLE University-2016 • Academic and Administrative audit-2019,2013 • Institute of Eminence proposal-2018 • Swacchat Ranking of University since 2017 • NIRF ranking since 2017 • K-SURF ranking 2017

- Times higher education Ranking 2018 and 2019
- Member for drafting Code of conduct booklet for teaching staff of KLE University-2018

➤ **Co-ordinator, Swashakti Empowerment Cell for Women, KLE society, Belgaum** from 2010 till 2019

➤ Member Board of Studies of KLE University, Belgaum 2009-2011

➤ Academic council member, KLE University, Belgaum since 2012

➤ Liaison Officer for persons with disability for KLE University(MHRD), Belgaum

➤ Treasurer, Indian Association of Physiotherapists, Belgaum Branch

➤ Executive Committee member, Hemophilia Society of India, Belgaum Chapter

➤ Member PhD Ethical committee KLE University, Belgaum 2011-2019

➤ Member Board of extramural studies, cultural and students' council, KLE University

➤ Member, Board of Postgraduate Research and Recognition committee, KLE University

➤ Special invitee for NSS advisory committee, KLE university
Member -Secretary Institutional Ethics committee, KLEU Institute of Physiotherapy, Belgaum

➤ Academic Incharge, KLE Institute of Physiotherapy 2010 till 2019

PUBLICATIONS: 55

Sr. no	PUBLICATION	YEAR	INDEX
1)	The Sit Down and Play Intervention Improves Neurodevelopmental Outcomes in Rural Indian Infants, Indian Deepa Metgud1 · Reshma Shah,Sangappa Dhaded3,Vinuta Deshpande1 Ronita Ajgaonkar,WB Santosa, ·M. Fernandes ,Indian Journal of Pediatrics . Scientific letter https://doi.org/10.1007/s12098-025-05498-7	2025	Scopus
2)	Identification of attention Deficit Hyperactivity Disorder using Parent-teacher Administered ADHD Rating Scale-IV among Preschool children of Belagavi City Metgud dc,Makasare VS,DY Patil Vidyapeeth 2025;18:626-31	2025	Scopus
3)	Chavan R, Metgud DC, Jali S. Effect of Closed Kinetic Chain Exercise Via Telerehabilitation on Muscle Strength, Balance, Fatigue and Hemoglobin Levels in Beta Thalassemia Major Children: A Randomized Controlled Trial. Indian Journal of Hematology and Blood Transfusion. 2025 Jan 16:1-9.	2025	Scopus

4)	Effect of Functional electrical Stimulation Cycling in children with cerebral palsy-A systematic Review Merin Daniel, Metgud dc, DY Patil Vidyapeeth-- Accepted	2025	Scopus
5)	Hip Displacement in Children with Cerebral Palsy- A Clinico-Radiological Evaluation Deepa Metgud MPth , Shruti Desai MPth , Shreya Bavi MPth Vinuta Deshpande MPth , Naveenkumar Patil MS Ortho , Santosh Patil MD Rad International Journal of Paediatric Orthopaedics September-December 2024; 10(3): Page 1-6	2024	
6)	Nalawade RJ, Metgud DC, Sampagar AA. Effectiveness of a smartphone based virtual reality intervention on balance and functional mobility in children with acute lymphoblastic leukemia: A pre post experimental study. Indian J Cancer 2024, Vol XX, Issue XX: page1-6.	2024	PubMed, Web of Science, Scopus
7)	Kamate M, Deepti SM, Metgud D. An Open-Label Randomized Controlled Trial of Tolperisone and Baclofen in the Management of Spasticity in Children with Cerebral Palsy. Journal of Pediatric Neurosciences. 2024 Jan 1;19(1):8-13.	2024	Scopus
8)	Metgud DC, Thodge V, Chivate S. Correlation Between Core Endurance, Reaction Time, and Functional Capacity in School-Going Children. DY Patil Journal of Health Sciences. 2024 Oct 1;12(4):140-3.	2024	Scopus
9)	Nadgauda KP, Metgud DC, Bellad RM, Sadanandan DM, Bos AF, Georgieff MK. Exploring the association between haematological markers of iron and general movements in 4-month-old infants exposed to anaemia in-utero. Early Human Development. 2024 Aug 1;195:106080.	2024	Scopus
10)	Waldrop S, Chowdhury D, Westcott JE, Biasini F, Garcés A, Figueroa L, Tshetu A, Lokangaka A, Bauserman M, Saleem S, Ali SA, The Women First Preconception Nutrition Trial Study GroupAnthropometric and sociodemographic variables, but not preconception or prenatal maternal nutrition supplementation, predict neurodevelopment in offspring of the 'Women First' trial	2023	Scopus
11)	MetgudD, SaxenaN, HugarSM, LaheriR, KohliN. Evaluation of the synergistic effect of physiotherapy and preventive dental treatment on drooling in children with special healthcare needs. Int J Contemp Pediatr 2023;10:1113-8.	2023	Nil
12)	Deshpande, V.R. and Metgud, D., 2023. Impact of home environment on motor development of infants in South India: A cross-sectional study . Sri Lanka Journal of Child Health, 52(3), p.286-292.DOI: https://doi.org/10.4038/sljch.v52i3.10538	2023	Scopus
13)	Metgud DC, Ajgaonkar R, Chivate S, Schwartz A, Fernandes M, Shah R. Impact of a Brief Healthcare-based Intervention to Support Early Childhood Development in India: A Pilot Randomized Controlled Trial. Indian Pediatrics. 2023 Oct;60(10):811-5.	2023	PubMed, Web of Science, Scopus
14)	Bhandankar M, Metgud D. Warning Signs on Short Hammersmith Neonatal Neurological Examination and Correlation with Hammersmith Infant Neurological Examination Global Score in Preterm Infants–A Prospective Cohort Study. Indian Pediatrics. 2023 Mar 20:S097475591600513-.	2023	PubMed, Web of Science, Scopus

15)	Tadvalkar A, Metgud D. Effect of dual task activity programme on balance and coordination in a selected group of children aged 4-16 years with cerebral palsy (gross motor function classification system levels I and II) using telerehabilitation: A pre-post experimental study. Sri Lanka Journal of Child Health. 2023 Mar 5;52(1):52-8.	2023	Scopus
16)	Metgud DC, Ajgaonkar R, Chivate S, Schwartz A, Fernandes M, Shah R. Impact of a Brief Healthcare-based Intervention to Support Early Childhood Development in India: A Pilot Randomized Controlled Trial. Indian Pediatrics. 2023 Jun 21:S097475591600554-.	2023	PubMed, Scopus, Web of Science
17)	Sit Down and Play Intervention on Neuromotor Outcome and Parenting Behavior in Preterm Low Birth Weight Infants- Randomized Controlled Trial (SIP CONFERENCE PROCEEDINGS March 2023)	2023	UGC
18)	Effectiveness of Peabody Developmental Motor Scale-2 as an Outcome Measure: A Systematic Review V Deshpande, D Metgud, M Gadre, S Kale Indian Journal of Physical Therapy and Research 5 (2), 125-131	2023	Nil
19)	Shah R, Herekar V, Metgud D, Kim H, Atkins M, Dhaded S. Implementing an early childhood development intervention with routine immunization visits in India:A feasibility trial. European Journal of Pediatrics. 2022; 5:1-0. doi: https://doi.org/10.1007/s00431-022-04485-w	2022	Pubmed, web of Science
20)	Metgud, D.C. and Chheda, R.J., 2022. Muscle strength, flexibility and cardiorespiratory endurance in children with human immunodeficiency virus on antiretroviral therapy: A case control study. Sri Lanka Journal of Child Health, 51(4), p.560-564.DOI: https://doi.org/10.4038/sljch.v51i4.10370	2022	Scopus
21)	Metgud DC, Chheda RJ. Muscle strength, flexibility and cardiorespiratory endurance in children with human immunodeficiency virus on antiretroviral therapy: A case control study. Sri Lanka J. Child Health. 2022 Dec 5;51:560-4.	2022	Scopus
22)	Fernandes M, Bassani D, Albernaz E, Bertoldi AD, Silveira MF, Matijevich A, Anselmi L, Cruz S, Halal CS, Tovo-Rodrigues L, Cruz GIN, Metgud D, Santos IS. Construction and validation of the Oxford Neurodevelopment Assessment (OX-NDA) in 1-year-old Brazilian children. BMC Pediatr. 2022 Dec 23;22(1):733. doi: 10.1186/s12887-022-03794-1. PMID: 36564728; PMCID: PMC9783969.	2022	Pubmed, Scopus, Web of Science
23)	Metgud D, Angadi PV, Panthee A. Association of orofacial dysfunction and sleep disordered breathing among Indian primary school children. J Oral Biol Craniofac Res. 2022 Sep-Oct;12(5):639-644. doi: 10.1016/j.jobcr.2022.08.002. Epub 2022 Aug 13. Erratum in: J Oral Biol Craniofac Res. 2024 Jul-Aug;14(4):358-359. doi: 10.1016/j.jobcr.2024.05.010. PMID: 36045941; PMCID: PMC9421321.	2022	PubMed, Scopus

24)	Jinali Jain, Deepa Metgud. Effect of individualized home-based intervention program in preterm infants at 35-36 weeks gestational age using prechtl's general movement assessment: a pre-post experimental study. Int J Physiother Res 2021;9(1):3730-3735. DOI: 10.16965/ijpr.2020.181	2021	Nil
25)	Metgud D, Coutinho SL, Crasto R, D'Souza CE. Learning styles of 1st-year students studying in Health Science University in India: A cross-sectional study. Indian J Phys Ther Res 2021;3:30-6.	2021	Nil
26)	Khandelwal S, Kondal D, Chaudhry M, Patil K, Swamy MK, Metgud D, Jogalekar S, Kamate M, Divan G, Gupta R, Prabhakaran D. Effect of Maternal Docosahexaenoic Acid (DHA) Supplementation on Offspring Neurodevelopment at 12 Months in India: A Randomized Controlled Trial. Nutrients. 2020 Oct;12(10):3041.	2020	Pubmed, web of Science, scopus
27)	Deepa C Metgud, Shukra D Chivate, Revati J Nalawade, Prevalence of Musculoskeletal Manifestations in Diabetes mellitus 1: A Cross sectional study, J Res Med Dent Sci, 2020, 8 (6):215-220	2020	Nil
28)	Metgud DC, Pattanshetty R, Welling A. COVID-19 pandemic: An emerging physical therapy paradigm. Indian J Phys Ther Res 2020;2:1-3.	2020	nil
29)	Pattanshetty RB, Metgud DC. "Publish or vanish" –A new mantra for physiotherapists. Indian J Phys Ther Res 2020;2:69-70.	2020	nil
30)	Pushkar, Deepa M, Effect of Follow-Up Home Based Oromotor Stimulation On Breastfeeding Performance In Preterm Low-Birth-Weight Infants: A Randomized Control Trial. Indian J health Sci Biomed Res 2019; 12:85-90	2019	DOAJ, Medline
31)	Deepa.Metgud,Pushkar Topkar,Balance and Agility Testing in normal and hearing impaired children:A Case-Control study, Indian Journal of Physical Therapy and Resaerch, Vol1,issue1,2019,pg42-47	2019	Nil
32)	Deepa.Metgud, Manisha Bhandankar,Divya Madhale, Concurrent validity of the gross motor component of ages and stages questionarrie-3 with the motor scales of Developmental assessment scales for Indian Infants(DASIII) in risk infants<6 months, Indian Journal of Physical Therapy and Resaerch, Vol1,issue2,2019,pg89-92	2019	Nil
33)	Deepa.Metgud, Yesha Parikh,Yogita Kharith,Comparison of dynamic balance between deaf and normal children using the functional reach test:An observational study, Indian Journal of Physical Therapy and Resaerch, Vol1,issue2,2019,pg100-104	2019	Nil

34)	Deepa.metgud,Sherin paulose,Screening of Children for Autism spectrum disorders using modified checklist for autism spectrum disorders(MCHAT) in toddlers in the age group 16-30months:An observational study, Indian Journal of Physical Therapy and Resaerch,Vol1,issue2,2019,pg110-113	2019	Nil
35)	Deepa.Metgud,Renu.Pattanshetty,Developing Professionalism-The Physiotherapy way, Indian Journal of Physical Therapy and Research,Vol1,issue1,2019,pg1	2019	nil
36)	Renu Pattanshetty,Deepa.Metgud,Awareness of Physiotherapy among other health professionals in India: Current Scenario, Indian Journal of Physical Therapy and Resaerch,Vol1,issue2,2019,pg69	2019	nil
37)	Mahesh Kamate, Nishant Mittal, Deepa Metgud, Effect of Risperidone on the Motor and Functional Disability in Children With Choreoathetoid Cerebral Palsy. Pediatric Neurology 84 (2018) 46–48.	2018	web of science, Pubmed
38)	Deepa Metgud,Dhanashri P Hande, Annisha Colaco, Niharika Chungade, Impact Of Use Of Electronic Gadget With and Without Internet on Physical Activity In Preschooler Of Belagavi City- An Observation Study. Indian Journal of Physiotherapy and Occupational Therapy. Volume 12, Number 3, July-September 2018, Pg:1-5	2018	CINAHL, PubMed
39)	Metgud DC, Hungund AA, Kulkarni AA. Effect of school-based intervention program for children with obesity: A Randomized Control Trial. Indian J Health Sci Biomed Res 2018;11:146-50.	2018	DOAJ, Medline
40)	Radhika Honap. Deepa Metgud, Relationship of static balance and fundamental motor skills in children with visual impairments-a cross-sectional study, Indian journal of health sciences Jan-april 2016,Vol9,issue 1,pg 67-70	2016	DOAJ
41)	Deepa Metgud,Lecrissa Hyacinta Fernandes,Shruti Nagesh Naik, Awareness among the primary caregivers of the differently abled children on Indian legislature :a cross-sectional study, Indian Journal of Cerebral Palsy, Jan-June 2016,vol 2,issue 1,pg 37-39	2016	PubMed
42)	Vinuta, Deepa. Metgud, Effect of matrix rhythm therapy on spasticity and functional outcome in spastic cerebral palsy, KLE Lifeline,issue XXXI,Aug 2016,pg no	2016	nil
43)	Deepa. Metgud, Radhika Honap, Comparison of Kangaroo mother care and tactile kinesthetic stimulation in low birth weight babies- An Experimental study, International Journal of Human Development & Disability, vol 14,issue2,May 2015	2015	Nil
44)	Sravani C, Deepa. Metgud, Effect of Balance training on Dynamic stability & Functional independence in Visually Disabled children- A Randomized Controlled Trial, International journal of Physiotherapy and Research, 2015.	2015	Nil

45)	Deepa Metgud, Pallavi Sharma, Possibilities for improving motor behavior young people with Autism, Romanian Journal of Physical Therapy , vol 21,Issue 36,December 2015	2015	Nil
46)	Deepa Metgud,Apeksha Kalvit, Screening of sensory integration dysfunction in low birth weight and preterm infants:a cross-sectional study, Indian Journal of Cerebral Palsy, 2015:1:117-20	2015	PubMed
47)	Amruta Kulkarni, Deepa.C. Metgud, Restless legs syndrome in adolescent school children in Belgaum city- Cross sectional study, International Journal of Human Development & Disability, February 2014, issue 2, vol, pg no.IF-0.09 H-index 12	2014	Nil
48)	Amruta kulkarni, Deepa Metgud, Assessment of gross motor development in infants of age 6 to 18 months with protein energy malnutrition using alberta infant motor scale: a cross sectional study., International Journal of Physiotherapy and Research, 2014, Vol 2(4):616-20. ISSN 2321- 1822	2014	Nil
44	Fernandes LC, Chitra J, Metgud D, Khatri SM. Effectiveness of artificial horse riding on postural control in spastic diplegics- rct. IJPOT. 2008 Oct;2:36-40.	2014	SCImago
45	Yashodha Jayadev Patil, Deepa Metgud, Comparison of Non Verbal Learning Difficulties in Preschoolers Born Preterm with the Term Born Peers, The Indian Journal of Pediatrics, April 2014,81(4):346-349		
46	Jaitty.S.Kole, Deepa Metgud, Effect of lung squeeze technique and reflex rolling on oxygenation in preterm neonates with respiratory problems – a randomized controlled trial, Indian Journal of Health sciences , Jun 2014,vol 7,issue-1,pg	2014	DOAJ
47	Namyata S Patel, Deepa Metgud, Sujata Jali,Effect of Pulsed Ultrasound Using Ketoprofen Gel in Children with Chronic Haemophilic Synovitis of the Knee Joint, Indian Journal of Physiotherapy and Occupational therapy.136- 141,vol7,No4, Oct-Dec2013.	2013	EBSCO
48	Deepa Metgud, Importance of neuromotor assessment & follow-up of high risk infants,PhysioTimes 2012,Vol , issue pg	2012	NIL
49	Pallavi Nargundkar,Yashoda Patil,Deepa.Metgud,On Call Physical Therapy for premature Infant with Pneumonia –a case Report, Journal of Neonatology,Vol26,No4,Oct-Dec 2012,pg 15-16	2012	pubmed
50	D.C.Metgud, V.D.Patil, S.M.Dhaded. Predicting Neuromotor outcome in Very Low Birth Weight infants at one year of corrected age using Movement Assessment of Infants scale. Indian Journal of Physiotherapy and Occupational therapy. Oct-Dec 2011, vol5, no4. D.C.Metgud, V.D.Patil, S.M.Dhaded Movement assessment of infants as a predictor of one year neuromotor outcome in Very low birth weight infants. Indian Journal of Pediatrics Vol 78, issue11, 2011, pg 1383-87	2011	CINAHL, web of science

51	D.C.Metgud, V.D.Patil, S.M.Dhaded Predictive Validity of the Movement assessment of infants for six month old Very low birth weight infants".Indian Journal of Physical Therapy. Journal of Physical Therapy2011, vol3, pg 19-23	2011	Nil
52	Bharat Rajpurohit, S.M.Khatri D.C.Metgud Effectiveness of transcutaneous electrical nerve stimulation and microcurrent electrical nerve stimulation in bruxism associated with masticatory muscle pain - A comparative study in Indian journal of dental science Volume: 21 / Issue: 1, January-March, 2010.	2010	Nil
53	D.C.Metgud, S.M.Khatri, M.G.Mokashi, P.N.Saha An Ergonomic study of women workers in woolen textile factory for identification of health related problems in the Indian Journal of Occupational and Environmental Medicine, pg 14-19, Vol-2, No-1, Jan-Apr 2008 issue.	2008	web of Science
54	D.C.Metgud Effectiveness of Neurodevelopmental Therapy in Cerebral palsy in the official journal of KLE's Prabhakar Kore hospital &MRC, issue 14, January 2008.	2008	nil
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Copyright :

- 1. Dr Deepa Metgud, Dr Anush Bandodkar, Dr Prachi Barve And Dr Stacy Barreto.** Perception of online physiotherapy education questionnaire during Covid-19 pandemic.
- 2. Dr. Deepa Metgud, Anjana Panthee,** Questionnaire for parental stress during transition of developmentally disabled child from childhood to adolescents.
- 3. Dr.Deepa Metgud, Spurti Shriyan,** Questionnaire for exploring Knowledge, Attitude and Practise among school teachers about Inclusive Education

Patents Granted:

Designing and development of mechanical percussor device for bronchial hygiene.

Patentee: Dr.Deepa Metgud, Miss Simran Sutar and Mr. Shreyash Gandage

Patents Published:

Bluetooth enabled light weight portable inverted CPM machine with mobile interface for post knee replacement rehabilitation

Applicants: Dr. Sanjay Ankali, **Dr.Deepa Metgud**, Dr.Varun Naik, Mr. Prasad Rampure

HONORS AND AWARDS

2003	Outstanding Performance in Master of Physiotherapy, KLE Institute of Physiotherapy, Belgaum
2004	“U.T.Naseema Gold Medal” for first rank in Master of Physiotherapy by south canara teachers association at Mangalore 2004
2005	First prize for best scientific poster presentation 3 rd Annual conference of IAP at Hyderabad, 2005
2006	Best teacher award (twice) from KLE Institute of Physiotherapy (2006) and KLE University(2011)
2014	Outstanding excellence in higher education for Ph.D (at National Physio Accord Conference 2014)
2015	Significant Contribution Award from Indian Association of Physiotherapy(IAP), in March 2015, held at Shimla
2015	Scroll of Honor Award from IAP, in March 2015, held at Shimla
2015	Best Poster presentation Award – 2 nd prize at National IAP Conference held at Shimla in March 2015
2025	Research Excellence Award at International Conference, Karnataka Physiocon 2025 held on 26 th April, Banagalore
2025	Excellence in Academic Award at Physioinnova Conference organized by Bhartiya Vidyapeeth School of Physiotherapy, Sangli on 5th April 2025

PAPER PRESENTATIONS

International

1. **Dr. Deepa Metgud**, Presented Paper at **50th Annual Pediatric APTA Conference at Rhode Island, USA**
2. D.C.Metgud. Comparative effectiveness of TENS and MENS in patients with Bruxism. **International Physiotherapy conference “Physio-Dubai”, Dubai, April 21st to 23rd 2008.**(original research)
3. D.C.Metgud. “Impact of sit down and play intervention on neuromotor development and parent child behaviour in young infants: a randomized controlled trial” at **World Congress of Physiotherapy(WCPT), International Conference held in Dubai** from 9-

11th April 2020

National

4. D.C.Metgud An Ergonomic study of women workers in woolen textile factory for identification of health related problems 43rd National conference of the Indian Association of Physiotherapy, January 2005 Hyderabad. Received **Best Poster Award**. (Original research)
5. D.C.Metgud Constraint Induced Movement Therapy (CIMT) Versus Neurodevelopment Therapy (NDT) In Children with Hemi paretic Upper Extremity: A Randomized Clinical Trial. 48th National conference of the Indian Association of Physiotherapy, January 2010, Mangalore (original research)
6. D.C.Metgud Movement Assessment of Infants as a predictor of one year neuromotor outcome in Very low birth weight infants, 49th annual National conference of the Indian Association of Physiotherapy, Pune January 2011. (Original research)

Invited talks (Resource person)

1. D.C.Metgud Recent trends in the Management of Cervical Spondylosis August 2007, Shri B.M. Kankanwadi Ayurved Mahavidyalaya and Research Center, Belgaum
2. D.C.Metgud Neurodevelopmental Therapy, at CDC Trivendrum Kerala University in July 2009
3. D.C.Metgud Neonatal Physiotherapy & Neonatal Resuscitation September 2008, KLE's Prabhakar Kore Hospital, Belgaum.
4. D.C.Metgud National conference on 2nd Neuro-Physiotherapy update, December 2010, KLEU Institute of Physiotherapy, Belgaum. "MAI in high risk infants"
5. D.C.Metgud National conference on 3rd Neuro-Physiotherapy update, December 2012, KLEU Institute of Physiotherapy, Belgaum. "Therapeutic and diagnostic approach of Vojta"
6. D.C.Metgud National conference at Bangalore "PhysioAccord-2014" on "Early intervention in high risk infants"
7. D.C.Metgud Good clinical practices at regional workshop held in 2013 at KLE U Institute of Physiotherapy Belgaum
8. Resource person for a training program for Village rehabilitation workers by the Department of family welfare and district disability office, held at Belgaum in 2013-2014
9. Resource person for south zone Indian association of Pediatric CME on Neonatal Neurology held at BIMS, Belgaum on 13th and 14th June 2014 on topic "DASSI

evaluation and training”

10. Resource person for Indian Medical Association’s BAFA-CME on Physiotherapy Management for metabolic disorders in 2014
11. Resource person for National CME on Rehabilitation organized by Dept of Community medicine, JN. Medical college, Belgaum, 2017
12. Resource person for National Conference of Society of Indian Physiotherapist on the topic “Management of Dystonia in Cerebral Palsy” held at New Delhi from February 15-17th 2019.
13. Resource person for national Conference of held in Pune 2023
14. Resource person for National Conference of Society of Indian Physiotherapist on the topic “ Need for entry level Physiotherapy curricular reformation “ held Chennai in April 29th- May 1st 2022
15. Resource person for National Conference of Society of Indian Physiotherapist on the topic “ Importance of Objective Assessment In The Management Of High Risk Neonates” held Chandigarh in 2024
16. Resource person for International Conference, Karnataka Physiocon 2025 on held on 26th April, Bangalore on the topic “ Implementation of technology in Paediatric rehabilitation ”
17. Joint organizing secretary for International Physiotherapy conference –Pearl Physiocon-2025 organized by KLE Institute of Physiotherapy held at Belagavi on 21st and 22nd Nov 2025.
18. Chairperson for topic “ Navigating transitions: from Childhood to adulthood and challenges and opportunities” at International Physiotherapy conference –Pearl Physiocon-2025 organised by KLE Institute of Physiotherapy held at Belagavi on 21st and 22nd Nov 2025
19. Moderator for panel discussion on “ Community centered early intervention for pediatric conditions: the Impact of emerging technologies” at International Physiotherapy conference –Pearl Physiocon-2025 organised by KLE Institute of Physiotherapy held at Belagavi on 21st and 22nd Nov 2025

MEMBERSHIP IN PROFESSIONAL BODIES

➤ 2011- 2024	Member Academic Council, KLE University
➤ 2009- Till Date	Member, Board of studies for BPT and MPT courses KLE University.
➤ 2005-Present	Life Member, Indian Association of Physiotherapists(Reg No.8213)
➤ 2007	Member, Neuro-Developmental Therapy Association Inc USA
➤ 2008-Present	Executive member, hemophilic society of India, Belgaum Chapter.
➤ 2019-Present	Member of Society of Indian Physiotherapists (0287)
➤ 2019	Special invitee for University advisory board(Think Tank)
OTHER PROFESSIONAL ACTIVITIES	
<u>International Training programs</u>	
2006	Certificate course on Neurodevelopmental therapy of 8weeksfrom NDTA USA , Mumbai
2007	Good Clinical Practices and Fundamentals of ClinicalResearch, Sephmer Sciences incorporation of the U.S.A, Belgaum
2008	Brain Hit 12 months evaluators training(BSID-II & ages andstages questionnaire) for Multicenter international project, JNMC,Belgaum
2011	Research mentorship program from KLE University in association with University of Illinois andMissouri
2016	BSID-III Evaluators training and certification from University of Alabama,Birmingham, USA for Women's FirstNeurodevelopment follow up project
2018	International certification in Basic Course on Prechetl's General Movements
2021	BSID-IV training from Pearson publication house, India
2021	International certification in ASQ3 from Brookes publication house, USA, June 2020
2024	Certified for Behavioral Rating Scale from Masonic Institute for the Developing Brain University of Minnesota, USA November 2024
<u>Organizing Committee Member:</u>	
2016	All India level intercollegiate sports,cultural&literary event, TRINITY (organizing secretary)
2011	National Public Health Conference, Belgaum, January.
2011	2nd National Neuro-update Conference, Belgaum, December.
2008	Chaired the scientific session, Indian Association of Sport Medicine.
2017	Organizing member for National workshop on Quality of health science journals

2011-2018	Organizing member for KLE University University convocation
2018	Organizing member for International conference COMHAD- 2018 at Bengaluru

Courses taught:

Bachelor of Physiotherapy- Theory and practical for second and final year in the subjects of Electrotherapy, research, Physiotherapy in Neurology, and now PT in pediatrics.

Masters of Physiotherapy-Theory and practical for first and second year in the subjects of Research methodology and Pediatric Physiotherapy. Guide postgraduate in specialty of pediatrics and general physiotherapy.

UNIVERSITY ASSIGNMENTS – External Examiner MPT, paper setter, paper valuator, Dissertation valuation, Ph.D examiner, etc. for various Universities since 2004

- Examiner and paper valuation for Pre-PhD exam, JSS University, Mysore.
- External Examiner for MPT Exams, Subject of Pediatrics, Community Rehabilitation Pune University, Maharashtra University of health sciences Nasik, Manipal deemed university, D.Y.Patil Deemed University Pune, Manipal University.
External Examiner for MPT and BPT Exams, Meenakshi Academy Of Higher Education Deemed University, Chennai, and Gujarat University Ahemdabad. Rajiv Gandhi University of HealthSciences.
- Internal examiner BPT and MPT, Rajiv Gandhi University of Health Sciences.
- Question paper setter, BPT and MPT courses, MAHER University Chennai Gujarat University, MUHS, D.Y.Patil, Pune University, NTR University, Hyderabad, Baba farid University, Punjab, NITTE Deemed University.
- Paper valuation, internal examiner and external examiner, MPT & BPT courses.
- Paper valuation pre-PhD examination
- Custodian for BPT, MPT and Pharmacy exam, RGUHS and KLE University.

RESEARCH INTERESTS

1. Early identification of neuromotor problems and prevention of long term disability in high risk infants
2. Cost effective intervention strategies and functional independence in activities of daily living for disabled children in rural areas
3. Neurodevelopmental therapy to improve functions in cerebral palsy

4. Early intervention and Neuromotor development for low birth weight infants