



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A++' Accredited by NAAC

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Sr. No.	Invention Title	Name of Inventors	Copyright Application No.	Date of Filling	Registration Date
1.	Sensory Garden- A Rehabilitation Approach	Ms. Sakshi Shah Dr. Namrata Sant	L-118775/2022	07.05.2022	15.11. 2022
2.	A modern pain neuroscience education approach for non specific neck pain	Dr.Vaibhavi Walimbe Dr.Rinkle Malani Dr.Sonal Biyani Dr.Benish Bubere Dr.Snehal Thote	L-117500/2022	16.05.2022	21.09.2022
3.	Physiotherapy management for grin2B related syndrome: Protocol	Ms. Shruti Dnyaneshwar Ramekar Dr. Pooja kumari Mahaseth	L-1172448/2022	13.05.222	12.09.2022
4.	Evidence based physiotherapy rehabilitation program for ataxia patient	Dr. Dipti Mahadev Shinde Dr. Sherin Paulose	L-117242/2022	09.04.2022	30.08.2022
5.	Assessment of knowledge, attitude and practices of cardiopulmonary resuscitation (CPR) among operation theatre and Anaesthesia technologists in Maharashtra: a cross sectional study	MS. Sujata Walode	L-117060/2022	22.03.2022	24.08.2022
6.	Brace strap TheraBand technique	Ms. Shruti Ramekar Dr. Nidhi Suresh Sharma	L-116555/2022	11.04.2022	30.06.2022
7.	HIV-ART therapy, bineural beats, taichi (H-ABT)	Dr. Pooja Motar Ms. Kankshi Vetkar	L-116553/2022	11.04.2022	30.06.2022
8.	Unique protocol on breast cancer patients with pain and lymphedema	Dr. Triveni Ashok Gosavi Dr. Nawaj Pathan Dr. Snehal Thakur Dr. Gauravi Sanjay Desale	L-116464/2022	05.04.2022	29.06.2022
9.	Evidence based physiotherapy rehabilitation for peripheral vascular disease	Dr.Gauravi Desale Dr.Rekha Marbate Dr.Ankita Deshmukh	L-116462/2022	05.04.2022	29.06.2022
10.	Gravilance exercise protocol for children with downs syndrome	Dr. Ketaki Ravindra Naik Dr. Gauravi Sanjay Desale Dr. Dipti Mahadev Shinde Dr. Pallavi Palaskar	L-116461/2022	05.04.2022	29.06.2022
11.	Rota VEB exercise protocol for children with downs syndrome	Dr. Ketaki Ravindra Naik Dr.Gauravi Sanjay Desale Dr.Dipti Mahadev Shinde Dr. Pallavi Palaskar	L-116459/2022	05.04.2022	29.06.2022

12.	Upper limb and hand rehabilitation protocol for hemiplegia secondary to malignant MCA infarction	Ms. Sakshi Shah Dr. Nawaj Pathan	L-116437/2022	01.04.2022	29.06.2022
13.	Rehabilitation protocol to improve pulmonary function in post stroke patients	Ms. Sakshi Shah Dr. Nawaj Pathan	L-116436/2022	01.04.2022	29.06.2022
14.	Knowledge of dialyzer reuse practice among medical and paramedical professionals working in hemodialysis unit	Ms. Shreya Patange	L-115878/2022	16.03.2022	23.05.2022
15.	Lengthening exercises for tendoachilies in cerebral palsy	Dr. Pallavi Palaskar Ms. Mansi Subhedar Dr. Namrata Sant Ms. Sneha Chhajed	L-115636/2022	04.09.2021	20.05.2022
16.	Guidelines for advanced rehabilitation after z plasty in hemiplegic cerebral palsy	Dr. Pallavi Palaskar Ms. Mansi Subhedar Ms. Sneha Chhajed Dr. Rinkle Malani	L-115635/2022	03.09.2021	20.05.2022
17.	Extended nursing care Model	Dr. Jyoti Chaudhari Dr. Anuradha Mhaske Dr. Prabha Dasila	L-113163/2022	17.07.2021	17.03.2022
18.	MGM Incremental Wheelchair Propulsion Test (MGM-IWPT)	Dr. Bela Agarwal Dr. ShrutikaParab Dr. Rajani Mullerpatan	L-112247/2022	30.11.2021	25.02.2022
19.	Information booklet on care after acute coronary syndrome	Dr. GargeeKaradkar Dr. Prabha Dasila	L-110154/2022	06.09.2021	04.01.2022
20.	Information booklet on care after acute coronary syndrome in Marathi language	Dr. GargeeKaradkar Dr. Prabha Dasila	L-110153/2022	06.09.2021	04.01.2022
21.	Information booklet of prevention of heart attack – language English	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109527/2021	07.09.2021	21.12.2021
22.	Information booklet on care after acute coronary syndrome in language Hindi	Dr. GargeeKaradkar Dr. Prabha Dasila	L-109526/2021	07.09.2021	21.12.2021
23.	MGM Ground level activity exposure questionnaire - Brief English Version	Dr. Bela Agarwal Dr. Rajani Mullerpatan	L-109398/2021	06.08.2021	17.12.2021
24.	Information booklet of prevention of heart attack – language Marathi	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109105/2021	07.09.2021	18.11.2021
25.	Information booklet of prevention of heart attack – language Hindi	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109104/2021	07.09.2021	18.11.2021
26.	MGM reference values for kinematics of aramandi in Indian Classical Bharatanatyam Dancers	Dr. Rajani Mullerpatan	L-108781/2021	06.08.2021	29.10.2021
27.	Wrist health quality assessment score	Dr. Satyam Bhodaji Dr. Ruchika Jaiswal Dr. Aditi Pathak	L-107866/2021	21.08.2021	24.09.2021
28.	Observation checklist to assess the discharge practice of nurses for acute coronary syndrome patients	Dr. Gargee Karadkar Dr. Prabha Dasila	L-107763/2021	10.07.2021	22.09.2021
29.	Model for early intervention in infants at high risk of developmental delay	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-107233/2021	10.07.2021	03.09.2021

30.	Advanced physiotherapeutic guidelines for conservative management of ERBS Palsy in pediatric population	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-107088/2021	08.07.2021	01.09.2021
31.	Structured questionnaire to assess the knowledge of nurses regarding ventilator associated pneumonia and its prevention	Dr. Savia Fernandes Dr. Prabha Dasila	L-107026/2021	09.07.2021	27.08.2021
32.	Delphi technique: A process of designing intra hospital transport appurtenance	Ms. Richa Sharma Dr. Prabha Dasila	L-106974/2021	12.07.2021	26.08.2021
33.	Menstrual health questionnaire	Dr. Satyam Bhodaji Ms. Akanksha Kulkarni	L-106815/2021	14.07.2021	24.08.2021
34.	A modern pain neuroscience education approach for chronic low back pain	Dr. Vaibhavi Walimbe Dr. Yash Kulkarni Dr. Rinkle Malani	L-106327/2021	08.07.2021	13.08.2021
35.	A six days advanced pain neuroscience education (PNE) approach for knee osteoarthritis	Dr. Vaibhavi Walimbe Dr. Apurva Deolankar Dr. Rinkle Malani Dr. Tajuddin Chitapur	L-106324/2021	08.07.2021	12.08.2021
36.	Imposter centric movement therapy protocol	Dr. Pooja Kumari Mahaseth Dr. Tushmeetkaur Bhatia Dr. Pooja Motar	L-106317/2021	02.06.2021	12.08.2021
37.	Recent advances in disability evaluation	Dr. Sahith Ernyakula	L-106127/2021	29.06.2021	06.08.2021
38.	Physiotherapeutic protocol bell's palsy	Dr. Namrata Sant Dr. Pallavi Palaskar	L-106016/2021	30.06.2021	03.08.2021
39.	Effectiveness of telerehabilitation in plantar fasciitis	Dr. Nidhi Sharma Dr. Rinkle Malani	L-106014/2021	30.06.2021	03.08.2021
40.	Standard operating procedures - matrix rhythm therapy in spastic diaphragic cerebral palsy	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-105871/2021	21.06.2021	29.07.2021
41.	Home exercise program for cerebral palsy	Dr. Namrata Sant Dr. Rinkle Malani	L-105870/2021	21.06.2021	29.07.2021
42.	Recent advances in osteoarthritis of knee comprehensive rehabilitation program	Dr. Tajuddin Chitapure	L- 105747/2021	21.06.2021	23.07.2021
43.	Multisensory training protocol	Dr. Pooja Kumari Mahaseth	L-105743/2021	21.06.2021	23.07.2021
44.	Notion centric movement therapy	Dr. Pooja K Mahaseth Dr. Rinkle Malani Dr. Tushmeet K Bhatia Dr. Pooja Motar	L-105730/2021	02.06.2021	23.07.2021
45.	MGM reference values for anthropometric measurements among individuals ages 5-65 years	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-105704/2021	21.05.2021	23.07.2021
46.	MGM reference values for kinematics and muscle activity during suryanamaskar	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-105719/2021	21.05.2021	23.07.2021
47.	MGM reference values for foot geometry and pressure distribution of Indian Classical Bharatanatyam Dancers	Dr. Rajani Mullerpatan	L-105701/2021	21.05.2021	23.07.2021
48.	Child health care questionnaire	Dr. Satyam Bhodaji Dr. Asawari Patil Dr. Ekta Kharde	L-105676/2021	21.06.2021	22.07.2021

49.	Comparative study on nutritional status of elderly living in old age home and with family	Ms. Sabah Ghare Dr. Priyanka Pareek	L-105432/2021	04.06.2021	14.07.2021
50.	Formulation and evaluation of under eye cream based on traditional herbs	Ms. Kajal Jadhav Ms. Durga Madasu Dr. Mansee Thakur	L-105477/2021	04.06.2021	14.07.2021
51.	Fat consumption pattern of cardiovascular disease patients	Ms. Ilaf Syed Dr. Priyanka Pareek	L-105431/2021	04.06.2021	14.07.2021
52.	A study on knowledge about nutrition during pregnancy and infant young child feeding practice among pregnant ladies	Mr. Siddiqui Nida Dr. Priyanka Pareek	L-105171/2021	04.06.2021	06.07.2021
53.	Risk factors of noncommunicable diseases among the paramedical students studying in an Institute of Navi Mumbai	Ms. Fatema Qutbuddin Bohri Dr. Priyanka Pareek	L-105168/2021	04.06.2021	06.07.2021
54.	Assessment of body composition of hemodialysis patients	Ms. Janvi Ghoricha Dr. Aditya Nayak Dr. Priyanka Pareek	L-105170/2021	04.06.2021	06.07.2021
55.	Evidence based practice for lateral epicondylalgia	Dr. Tushmeet Kaur Bhatia	L-105049/2021	02.06.2021	05.07.2021
56.	Development of polymerase chain reaction based assay for early detection of bacterial blight of pomegranate	Dr. Mansee Thakur Mr. Yogesh Patil Mr. Tarun Parihar	L-104348/2021	05.05.2021	10.06.2021
57.	Detection isolation and characterization of enterobacter SPP from the drinking water sources of morbe dam Navi Mumbai	Ms. Sonali Shivalkar Dr. Harapriya Kar Dr. Mansee Thakur	L-104396/2021	06.05.2021	11.06.2021
58.	Low cost indigenous DNA detection system for Tuberculosis	Dr. Mansee Thakur Dr. V K Suri Mr. Yogesh Patil	L-104314/2021	05.05.2021	10.06.2021
59.	Study of antibiotic resistance pattern in klebsiella pneumoniae isolates from morbe dam in Navi Mumbai	Dr. Himanshu Gupta Mr. Kunika Wavale Dr. Harapriya Kar	L-104349/2021	05.05.2021	10.06.2021
60.	Formulation and evaluation of natural under eye cream for dark circles	Ms. Pratiksha Kshirsagar Ms. Durga Madasu Dr. Mansee Thakur	L-104213/2021	06.05.2021	08.06.2021
61.	Formulation characterization and invitro evaluation of herbal sunscreen cream containing flower extract	Ms. Rutuja Bhide Ms. Durga Madasu Dr. Mansee Thakur	L-104211/2021	06.05.2021	08.06.2021
62.	Isolation, characterization of multidrug resistance shigella SPP from drinking water source, Morbe Dam, Navi Mumbai.	Ms. Shweta Shinde Dr. Harpriya Kar Dr. Himanshu R Gupta	L-104208/2021	06.05.2021	08.06.2021
63.	Antibiotic resistance profiling of escherichia coli in drinking water source from Morbe Dam in Navi Mumbai	Dr. Mansee Thakur Dr. Harapriya Kar Ms. Pooja Singh	L-104224/2021	05.05.2021	08.06.2021
64.	Assessment of binocular visual functions in undergraduate students of Medical Laboratory Technology and Optometry Courses	Ms. Vidula Patil Dr. Syed Faraaz Hussain Mr. Rohit Indrakumar Gupta	L-104225/2021	05.05.2021	08.06.2021
65.	Distribution and Characterization of Salmonella SP isolates from Morbe Dam water in Navi Mumbai	Dr. Himanshu Gupta Dr. Mansee Thakur Dr. Harapriya Kar Mr. Smit Joshi	L104223/2021	05.05.2021	08.06.2021

66.	Biosynthesis of silver nanoparticles using mushroom extract and its toxicity assessment in zebrafish embryos	Dr. Himanshu Gupta Mr. Sarvesh Jadhav	L-104146/2021	05.05.2021	07.06.2021
67.	Development of chemically induced in vivo diabetes mellitus model in Zebrafish	Dr. Himanshu Gupta Ms. Sanskruti Thakur	L-104144/2021	05.05.2021	07.06.2021
68.	Prevalence of pseudomonas aeruginosa and its drug resistance assessment from drinking water source in Navi Mumbai	Dr. Mansee Thakur Dr. Harapriya Kar Ms. Ayesha Shaikh	L-104145/2021	05.05.2021	07.06.2021
69.	MGM Reference values for center of pressure (COP) trajectory in quiet stance among healthy Indian people aged 7-65 years.	Dr. Rajani Mullerpatan Dr. Triveni Shetty	L-103788/2021	19.03.2021	27.05.2021
70.	MGM Reference values for gait kinematic variables in healthy Indian Adults	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-103652/2021	22.03.2021	25.05.2021
71.	A questionnaire on awareness and prevention of exercise deficit disorder among parents	Dr. Bodhisattva Dass Dr. Kunal Nagwani Dr. Rahul Pokharna Dr. Yash Kulkarni	L-102728/2021	22.02.2021	30.04.2021
72.	Standard Operating Procedure for active passive trainer	Dr. Pallavi Palaskar Dr. RinkleMalani	L-102619/2021	17.02.2021	29.04.2021
73.	Standard Operating Procedure for early intervention in Neonatal Intensive Care Unit and after discharge from NICU	Dr. Pallavi Palaskar Dr. Rinkle Malani	L-100507/2021	27.01.2021	19.03.2021
74.	Reference values for hand grip and pinch strength for healthy Indian Adults	Dr. Rajani Mullerpatan Dr. Mamta Shetty	L-100130/2021	04.09.2020	06.03.2021
75.	Reference values for hand grip and pinch strength for healthy Indian Adolescents	Dr. Rajani Mullerpatan Dr. Mamta Shetty	L-97877/2020	04.09.2020	21.12.2020
76.	Standard Operating Procedure (SOP) of spinal mouse (IDIAG 360) at MGM Rehabilitation and Physiotherapy and fitness center Aurangabad	Dr. Rinkle Malani Dr. Tajuddin Chitrapure	L- 98166/2021	26.11.2020	06.01.2020
77.	Pediatric fitness testing report: Males 6-12 years	Dr. Bela Agarwal Ms. Bhoomika Sawant Dr. Rajani Mullerpatan	L-97874/2020	17.03.2020	21.12.2020
78.	Comparison of palmar abduction in three wrist positions among healthy adults using conventional finger goniometer	Dr. Rajani Mullerpatan Ms. Anisha Gulati	L-97865/2020	02.03.2020	21.12.2020
79.	Auditory stimulation of preterm neonates in NICU by OM chanting with pleasant music to stabilize the vital parameters	Dr. Pallavi Rameshwar Palaskar Dr. Rinkle Malani	L-97513/2020	25.09.2020	10.12.2020
80.	Effect of Biologically synthesized iron oxide nanoparticles on Spinacia oleracea plant growth and development	Dr. Mansee Thakur Dr. Smital Kulkarni Ms. Rajni Nautiyal	L-96514/2020	26.08.2020	06.11.2020
81.	Green synthesis and Evaluation of Antimicrobial Activity of Copper Nanoparticles using Bhringraj Leaves	Dr. Mansee Thakur Dr. A.D. Urhekar Ms. Shraddha Kadve	L-96513/2020	26.08.2020	06.11.2020

82.	Effect of food colorant of tartrazine and erythrosine in zebrafish (danio rerio) intervenes developmental profile	Dr. Himanshu Gupta Ms. Elizabeth Reji	L-96394/2020	26.08.2020	04.11.2020
83.	Development of fam probebased assay for detection of uropathogenic Escherichia coli strains on laser induced fluorescence detection system	Dr. Mansee Thakur Dr. Sharvari Samant Mr. Yogesh Patil Mr. Raj Vashi	L-96393/2020	26.08.2020	04.11.2020
84.	A study on genetic abnormalities in IUGR children with neuro-developmental disorder like intellectual disability and motor deficiency	Dr. Himanshu Gupta Dr. Haritha K N Dr. Meruna Bose Mr. Cleon D'souza Ms. Neeraja J P	L-96392/2020	26.08.2020	04.11.2020
85.	Validation studies of custom-built MGM biological safety cabinet	Dr. Mansee Thakur Mr. Yogesh Patil Ms. ShailaKotkar	L-96391/2020	26.08.2020	04.11.2020
86.	Zebrafish as a model for drug screening of an ayurvedic medicine rasrajas	Dr. Himanshu Gupta Dr. Mini Mol P Ms. Jyoti Chauhan	L-96388/2020	26.08.2020	04.11.2020
87.	Safety evaluation of Kukkutandatvak Bhasma, an Ayurvedic Medicine and its effect on Gluco corticoid Induced Osteoporosis model of Zebrafish	Dr. Himanshu Gupta Dr. Mini Mol P Ms. Shaista Khan	L-96387/2020	26.08.2020	04.11.2020
88.	To the study the effect of IUGR on the Genetic Stability in Maternal and Fetal Tissue	Dr. Himanshu Gupata Dr. Harita KN Ms. Divya Prajapati	L-96386/2020	26.08.2020	04.11.2020
89.	Zebrafish as a Model for Osteoporosis: A primary testing platform for screening of Asthiposhak Vati	Dr. Himanshu Gupata Dr. Mini Mol Ms. Iram Khalfe	L-96385/2020	26.08.2020	04.11.2020
90.	Low cost fish feed using agro and dry fish waste used in laboratory diets for zebrafish	Dr. Mansee Thakur Mr. Ashitosh Shivekarn Ms. Gargi Chaphekar	L-96354/2020	28.08.2020	03.11.2020
91.	3Dimensional gait report for children 9+ to 12 years	Dr. Rajani Mullerpatan Dr. Triveni Shetty	L-93922/2020	20.02.2020	21.08.2020
92.	MGM Pediatric fitness testing report males 13-18 years	Dr. Bela Agarwal Dr. Rajani Mullerpatan	L-93923/2020	17.03.2020	21.08.2020
93.	Development of a Novel and Reliable Method for Oral Administration of Drug to Adult zebrafish (Danio rerio)	Dr. Mansee Thakur Dr. Navami Dayal	L-93331/2020	19.03.2020	30.07.2020
94.	Reference values for physical fitness in healthy Indian children 6-12 years and adolescents 13-17 years	Dr. Rajani Mullerpatan Dr. Bela Agarwal	L-92917/2020	24.01.2020	17.07.2020
95.	Reference values for spatiotemporal variables of gait in healthy Indian adults	Dr. Rajani Mullerpatan Dr. Triveni Shetty	L-92919/2020	24.01.2020	17.07.2020
96.	Pediatric fitness testing report females 13-18 years	Dr. Rajani Mullerpatan Dr. Bela Agarwal	L-91340/2020	17.03.2020	21.05.2020
97.	Green synthesized iron oxide nanoparticles used as aneutraceutical for iron deficiency anemia	Dr. Mansee Thakur Dr. Smital Kulkarni	L-89290/2020	14.10.2019	10.02.2020
98.	Utilization of agro and fish waste for the formulation of lowcost fish feed	Dr. Mansee Thakur Ms. Gargi Chapekar	L-87149/2019	13.05.2019	21.11.2019
99.	Effects of Biologically Synthesized Fe ₂ O ₃ Nano- particles on Spinacia Oleracea Growth and Development	Dr. Mansee Thakur Dr. Smital Kulkarni Ms. Gargi Chapekar Ms. Priyanka Patil	L-83417/2019	13.05.2019	20.06.2019

100.	Role of MTHFR Genetic polymorphisms in preterm labour and birth	Dr. Mansee Thakur Ms. Surya Panikar Dr. Sunil Sharma	L-83409/2019	15.05.2019	20.06.2019
101.	MGM – Vacuum Dressing System	Mr. Yogesh Patil Dr. Mansee Thakur Dr. V.K. Suri Dr. K R Salgotra	L-81497/2019	18.01.2019	27.03.2019
102.	Establishment of Hydroponics Lab & Preliminary Phytochemical Screening of Vegetables	Dr. Mansee Thakur Ms. Smital Kulkarni Ms. Poonam Patil	L-81435/2019	24.01.2019	19.03.2019
103.	Calculation of The Percentage of Chromogranin A Cells in Foetal Suprarenal Gland of Different Gestational Ages Using Immunohistochemistry	Dr. Mini Mol Dr. Gautam Shroff Dr. Aruna Mukherjee	L-81432/2019	18.01.2019	19.03.2019
104.	Histological and Bio-accumulation Evaluation of Gold Nanoparticles in Gonads of Zebra Fish (Danioerio)	Dr. Mansee Thakur Dr. Navmi Dayal	L-78260/2018	28.07.2018	09.10.2018
105.	Characterization and Toxicity Assessment of Homeopathy Drugs in Zebra fish Embryos	Dr. Mansee Thakur Dr. Himanshu Gupta	L-78185/2018	28.07.2018	04.10.2018
106.	MGM ground level activity exposure questionnaire	Dr. Bela Agarwal Dr. Rajani Mullerpatan	L-76907/2018	08.05.2018	27.07.2018

Updated on 22.11.2022