

## **Index**

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<div style="text-align: center;">  <p> <b>MGM INSTITUTE OF HEALTH SCIENCES</b>  <small>(Deemed University via 3rd UGC Act, 1956)</small>  <small>Grade 'A' Accredited by NMAC</small>  <small>Sector-01, Kamothe, Navi Mumbai - 410 209</small>  <small>Tel: 022-27433371, 022-27432994, Fax: 022-27431094</small>  <small>E-mail : <a href="mailto:registrar@mgmuhb.com">registrar@mgmuhb.com</a>   Website : <a href="http://www.mgmuhb.com">www.mgmuhb.com</a></small> </p> </div>							
<b>Annexure 3.2 Resource Mobilisation for Research</b>							
<b>3.2.2 Grants for research projects/clinical research project sponsored by the government funding agencies during the last five years (INR in Lakhs)</b>							
Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator	Name of the Funding agency	Type (Government /Non-Government	Department of Principal Investigator/Co Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of Project
<b>2014 - 15</b>							
Development of micro biosensor for rapid diagnosis of tuberculosis	PI: Dr D S Joshi Co Pi: Mansee Thakur	BRNS, Department of Atomic Energy, Govt. of India	Government	Biotechnology (SBS) Navi Mumbai	2012-2014	23.82750	3 yrs
Development of photonic crystal waveguide (PCW) based multiplexers for optical Networks and sensor applications.	Dr. Ramun P. Yadav (Co-Principal Investigator)	BRNS, Department of Atomic Energy, Govt. of India	Government	Omics (SBS) Navi Mumbai	2012	24.11500	Till date
Establishment of MGM Centre of Human Movement Science at MGM School of Physiotherapy	Dr. Rajani Mullerpatan	IIT Mumbai	Government	Physiotherapy Navi Mumbai	2013	24.39000	Till date
Long term genetics of MIC gas if any on the Bhopal population exposed in Dec 1984	Dr Bani Ganguly	ICMR	Government	Genetics Navi Mumbai	2013	26.58544	3 yrs
Stigma reduction, Health care provider Awareness and Knowledge enhancement on Transgender issues in India (SHAKTI)	Dr H R Jerajani	ICMR	Government	Dermatology Navi Mumbai	2014	12.41744	1 yrs
Impact of structures counselling on choice of contraceptive methods among post partum women	Student - Harpreet Chhabra Guide - Dr Ipsita Ray	ICMR-STS	Government	Pharmacology Navi Mumbai	2014	0.10000	1 yrs
Assessment of Quality of Life in Children with thalassemia and their caregivers	Student - Sapna Sharma Guide - Dr Bhageshree Seth	ICMR-STS	Government	Paediatrics Navi Mumbai	2014	0.10000	1 yrs
A case control study on the prevalence of Sensorineural Hearing loss in Type 2 Diabetics	Student - Prabha G Kenkar Guide - Dr Vaishali S Sangole	ICMR-STS	Government	ENT Navi Mumbai	2014	0.10000	1 yrs
Vaccum assisted wound healing : Can it prove to be cost effective management	Student - Saurabhi M Samant Guide - Dr Bhakti	ICMR-STS	Government	Surgery Navi Mumbai	2014	0.10000	1 yrs
Assessment of compliance to treatment of diabetes and hypertension among previously diagnosed patients from rural community of Raigad District	Students - Kira Navi Mumbaia)l Venkata Kakumani Guide-Dr Prasad Waingankar	ICMR-STS	Government	Community Medicine Navi Mumbai	2014	0.10000	1 yrs
Neonatal Screening for G6PD, 17 OHP and TSH level over a period of 2 months	Student - Dr Rupinder Deep Kaur Gill Guide - Dr Reeta Dhar	ICMR-STS	Government	Pathology Navi Mumbai	2014	0.10000	1 yrs
Proliferation Markers Ki-67 in breast cancer and its premalignant lesions -Its prognostic Utility	Student - Dr Mariyam Alisager Motiwala Guide - Dr Shilpi Sahu	ICMR-STS	Government	Pathology Navi Mumbai	2014	0.10000	1 yrs
To assess the impact of Behavioural changes communication (BCC) on adolescent Reproductive and sexual health (ARSH) among adolescent girls in tribal area of Panvel Taluka , Dist. Raigad	Student - Aalia R Thingna. Guide - Dr Pradeep Sawadekar.	ICMR-STS	Government	Community Medicine Navi Mumbai	2014	0.10000	1 yrs
A cross sectional Study of exercise response of respiratory Parameters and their Correlation with Body Mass Index and Lean Body Mass	Student - Shweta R Sharma Guide - Dr Yashoda R Kattinani	ICMR-STS	Government	Physiology Navi Mumbai	2014	0.10000	1 yrs
Prevalence and trends of hypertension among school children in Aurangabad	Student - Saaduddin Shaikh Guide- Dr. Saeed Siddiqui	ICMR-STS	Government	Paediatric Aurangabad	2014	0.10000	1 yrs
Prevalence of Voiding dysfunction in school children between 5 – 12 years and study of its awareness among school staff and parents	Student- Abhishek Shahapurkar Guide- Dr. S. G. Kulkarni	ICMR-STS	Government	Nephrology Aurangabad	2014	0.10000	1 yrs
Confirmation of Nano-Particle Hypothesis with Respect to Homeopathic Medicines	PI: Dr. Mansee Thakur	BRNS, Department of Atomic Energy, Govt. of India	Government	Biotechnology (SBS) Navi Mumbai	2014	22.55100	2 yrs
Non - Invasive monitoring of hemoglobin and blood sugar	Dr G D Jindal	BRNS	Government	Biomedical Engineering / Biotechnology Navi Mumbai	2014	23.44100	2 yrs
Development of Prototype Micro PCR for Identification of MDR MTB	PI: Dr. Mansee Takur Co Pi: Dr. Ds Joshi	BRNS, Department of Atomic Energy, Govt. of India	Government	Biotechnology (SBS)	2014	24.98900	2 yrs
Developing natural alternatives to synthetic dipeptidyl peptidase-4 inhibitors for diabetes with metabolic syndrome	Dr. Ipsita Ray Mohanty Dr. Ujjwala Maheshwari Dr. Y A Deshmukh	ICMR	Government	Pharmacology, Navi Mumbai	2015	16.00000	3 yrs
A Study to access knowledge , attitude, and Practices of breast cancer in reproductive age group females in tribal area of Raigad District	Student - Shaista Alius Guide - Dr Madhvi J	ICMR-STS	Government	Community Medicine Navi Mumbai	2015	0.10000	1 yrs
Cognitive Dysfunction and Depression in Hemodialysis Patients	Student - Priyam A Bhushan Guide - Dr Darpan	ICMR-STS	Government	Psychiatry Navi Mumbai	2015	0.10000	1 yrs
A cross section study on treatment regimen prescribed by medical practitioners to patient diagnosed as tuberculosis	Student - Priyanka B Sing Guide - Dr Pradeep Sawadekar	ICMR-STS	Government	Community Medicine Navi Mumbai	2015	0.10000	
acceptance of contraceptive methods among post partum women in tertiary care teaching hospitals.	Student - Chaturseela Kashwan	ICMR-STS	Government	Pharmacology Navi Mumbai	2015	0.10000	1 yrs
Prevalence , associated factors, quality of life among females suffering from PMS AND PMDD	Student - Sukama Afzal Furniturewala Guide - Dr Pradeep Jadhav	ICMR-STS	Government	Pharmacology Navi Mumbai	2015	0.10000	1 yrs
Role of ocular perfusion pressure and blood pressure in glaucoma, a population based assessment study	Student - Parthav K Shah Guide - Dr Varshav Gore	ICMR - STS	Government	Opthal Navi Mumbai	2015	0.10000	1 yrs
Shared Computer Key Board and Input Devices In clinical Area: Sources of Nosocomial Infection	Student - Ashwini R Patankar Guide - Dr Sharvari Samant	ICMR-STS	Government	Microbiology Navi Mumbai	2015	0.10000	1 yrs
A study musculoskeletal disorders among long distance truck drivers halting at kalamboli truck terminals navi mumbai	Student - Ajay D Dodeja Guide - Dr Seema Anjenaya	ICMR-STS	Government	Community Medicine Navi Mumbai	2015	0.10000	1 yrs
Staphylococcus aureus nasal carriers and prevalence of MRSA among medical students	Student- Shaza R Baag Dr. V.P. Bansal	ICMR-STS	Government	Microbiology Aurangabad	2015	0.10000	1 yrs
Development of powered transtibial prosthesis	Dr. Rajani Mullerpatan	DBT	Government	Physiotherapy Navi Mumbai	2015	33.00000	3 yrs





# MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A' Accredited by NAAC

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## Annexure 3.7 collaboration

3.7.2 Average number of Collaborative activities for research, faculty exchange, student exchange, industry-internship per year (10)

Title of the MOU linkage	Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commencement	Duration (From-To)	Year wise list of actual activities under each MOU	Number of students/teachers participated under the MOUs	Link to the relevant documents
2014-15						
For Treatment & Management Of TB Patients	Revised National Tuberculosis Control	2010	2010 - Ongoing	1. Training of staff 2. Establishment of TB Centre	Clinical Staff 3	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-RNTCP.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-RNTCP.pdf</a>
Integrated Counseling And Testing Centre (ICTCS) For HIV Counseling and testing service to	National AIDS control organization (NACO)	2013	2013 - Ongoing	1. Training for staff 2. Counseling	All Clinical Staff	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-Naco.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-Naco.pdf</a>
Supporting International Initiatives That Will Promote Research, Education And Provision Of	International Society Of Biomechanics	2013	2013 - Ongoing	1. Training of staff and students 2. Diagnosis and Treatment	1 3.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-ISB-physiotherapy.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013-ISB-physiotherapy.pdf</a>
Practical Training And Experience To Acquire Skills Under Expert Supervision	Saint Annes Hospital, Aurangabad	2013	2013 - Ongoing	1. Training for student of MGM Medical college and MGM Nursing College	PG Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20St%20Annes%20hospital.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20St%20Annes%20hospital.pdf</a>
Training Of MD Students For Autopsy	Govt. Medical College, Aurangabad	2013	2013 - Ongoing	1. Training	PG Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20GMC%20Aurangabad.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20GMC%20Aurangabad.pdf</a>
Sharing A Desire Develop Mutually Strengthening And Enriching International Clinical, Educational	World Spine Care Clinic	2013	2013 - Ongoing	1. Exchange of academic staff 2. Exchange of students	1	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20World%20Spine%20Care%20%20physio.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20World%20Spine%20Care%20%20physio.pdf</a>
Research,clinical training,	The University of Pennsylvania, USA	2013	2013 - Ongoing	1. Project Work 2. Research 3. academic exposure for students and faculty	1 3.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20Pennsylvania-1-Copy.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2013%20Pennsylvania-1-Copy.pdf</a>
Training Of Medical UG/PG, Students, Interns, Nurses And Other Paramedical Staff In Community	MGM Medical College And Yusuf Meherally Centre,	2014	2014 - Ongoing	1. Primary Care to the users of their RHTC 2. Training of Students	All Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MOU.TARA..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MOU.TARA..pdf</a>
Two Machine ie Intense Light and Narrow Band UVB should be kept in skin OPD of MGM hospital	Marathwada Association Of Dermatologist, Venerologist	2014	2014 - Ongoing	1. Counsultancy , Training ,	2.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MADVL.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MADVL.pdf</a>
Eye Donation Centre Of MGM is Affiliated To Eye Bank Of Kamahayan Bajaj Hospital	Kamahayan Bajaj Hospital	2014	2014 - Ongoing	1. Eye Donation Centre	All Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Kamal%20Nayan%20Bajaj%20Eye%20Donation%20Center.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Kamal%20Nayan%20Bajaj%20Eye%20Donation%20Center.pdf</a>
Eye Donation Centre Of MGM is Affiliated To Eye Bank Of Drushiti Eye Institute	Drushiti Eye Institute	2014	2014 - Ongoing	1. Eye Donation Centre	All Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Drushiti%20Eye%20Bank..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Drushiti%20Eye%20Bank..pdf</a>
Training UG/PG	Health Services Zilla Parishad Aurangabad	2015	2015 - Ongoing	Training UG/PG	UG/PG Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Health%20Zilla%20Parishad%20Aug..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Health%20Zilla%20Parishad%20Aug..pdf</a>
Research Purpose	University Of Sydney	2015	2015 - Ongoing	1. Develop and urse collaborative research project, 2.	1	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SYDNEY%20MOU%20%20physio..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SYDNEY%20MOU%20%20physio..pdf</a>
Employee Health Check-Up	M/S Jainex.Aamco LTD	2015	2015 - Ongoing	Hospitalization For various diseases including superspecialty	All Clinical Staff 1.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Jainex%20MOU%20Scan%20Aurangabad.PDF">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Jainex%20MOU%20Scan%20Aurangabad.PDF</a>
Research ,Phd Work And Publications, Academic Training	MGM College of Engineering and Technology	2014	2014 - Ongoing	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	5	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MOU%20MGM%20Eng%20Cie.PDF">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20MOU%20MGM%20Eng%20Cie.PDF</a>
2015-16						
Preventive, Promotive, And Curative	Shahid Baba Deep Singh Dispensary Managed By Punjabi Kultural And Welfare Association	2015	2015 - Ongoing	1. Preventive, Promotive, And Curative	Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Shahid%20Baba%20Deep%20Singh.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Shahid%20Baba%20Deep%20Singh.pdf</a>
Laboratory Services	Unipath Specialty Laboratory Ltd	2015	2015 - Ongoing	1. Provide Laboratory services	Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Unipath..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Unipath..pdf</a>
Eye Donation	Director Health Services	2015	2015 - 2020 (5 yrs)	1. Eye Donation	Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Director%20Health%20Services%20Eye%20Donation%20Centre%20MOU..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2014%20Director%20Health%20Services%20Eye%20Donation%20Centre%20MOU..pdf</a>
Employee Health Check-Up	Harman Finocem Ltd.	2015	2015 - Ongoing	Hospitalization For various diseases including superspecialty Investigation , 2. Procedure 3. Treatment Employees	All Clinical Staff 1.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20MOU%20Harman%20Finocem%20Aurangabad.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20MOU%20Harman%20Finocem%20Aurangabad.pdf</a>
Collaboration In The Field Education, Research And Medical Training	Kyungpook National University Medical Centre, Korea	2015	2015 - 2017 (2 yrs)	1. Fellowship & Students for education and training 2. Joint organization of lectures, seminars, workshop and symposia 3. Networking for international healthcare 4. Joint academic and research collaboration	Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Kyungpuk%20University%20of%20Korea..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20Kyungpuk%20University%20of%20Korea..pdf</a>
2 Patents filed, Health Care Activity / Projects	ITB Bombay	2015	2015 - Ongoing	1. Research, 2. Training for Student and Faculty	1	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20ITB%20MUMBAI%20physio..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20ITB%20MUMBAI%20physio..pdf</a>
Blood Collection Centre , Processing Blood Investigations at Subsidised Rates	Dr. Babasaheb Ambedkar Municipal Corporation Hospital, Khopoli	2015	2015- 2020 (5 yrs)	1. Health Checkup 2. Provide Laboratory services 3. Provide outreach services 4. Provide Medicines and Medical Instruments	Clinical Staff and Students	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20MOU.KHOPOLI..PDF">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20MOU.KHOPOLI..PDF</a>
Clinical Evaluation of Breath-Based Point of Care Test For Diagnosis of Pulmonary Tuberculosis	IKP Knowledge Park	2015	2015 - 2016 (1 yrs)	1. Research	6	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20IKP.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20IKP.pdf</a>
To care of Children with Craniofacial Deformities and Cleft Lip and palates	Maya Foundation NGO	2015	2015 - Ongoing	1. Diagnostics 2. Treatment	Clinical staff	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20maya%20foundation.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20maya%20foundation.pdf</a>
The effects of labour and birth positioning on pelvic dimensions: gaining further insight to	Shastri foundation	2016	Jan 2016 - Jun 2016	1. Training of staff and students 2. Diagnosis and Treatment	1 3.	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SHASTRI%20%20MGM%20SOP.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SHASTRI%20%20MGM%20SOP.pdf</a>
A Randomized, multi Centre, open label, two-treatment, two-period, two-sequence, multiple	Veeda Clinical Research Pvt. Ltd.	2016	2016 - Ongoing	Clinical Trial	2	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SHASTRI%20%20MGM%20SOP.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2015%20SHASTRI%20%20MGM%20SOP.pdf</a>
Officer's Health Check-Up	Govt of Maharashtra	2016	2016 - Ongoing	Officer's Health Check-Up	2	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Maharashtra%20State%20Govt%20Employee%20Health%20check%20up..PDF">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Maharashtra%20State%20Govt%20Employee%20Health%20check%20up..PDF</a>
For Treatment & Management Of TB Patients	University Of UTAH	2016	27.01.2016 - 31.01.2017	1. Non Invasive TB Triage & Patient Mapping Platform Using Breath Via Low Cost Titanium Dioxide Nano Tube Sensor	4	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Utah..pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Utah..pdf</a>
A Randomized, Double-blind, Parallel Group Study to Evaluate the Effect and Safety of Test Biscuits	Karmik Life Sciences	2016	2016 - Ongoing	Clinical Trial	2	<a href="https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Dr%20Deepak%20Bhosale%20Karmik.pdf">https://www.mgmhuhs.com/NAAC/c3/3.7.2/2016%20Dr%20Deepak%20Bhosale%20Karmik.pdf</a>

2016-17						
Academic training	UNESCO Chair in Bioethics	2016	2016- Ongoing	Teaching	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Unesco%20Bioethics.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Unesco%20Bioethics.pdf</a>
Research, PhD Work And Publications, Academic Training	MGM Dental College	2016	2016- Ongoing	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	5	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MOU%20MGMS%20Dental%20crg_PDF.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MOU%20MGMS%20Dental%20crg_PDF.pdf</a>
Academic training	MGM College of Nursing Vashi Navi Mumbai	2016	2016- Ongoing	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Nursing%20Vashi.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Nursing%20Vashi.pdf</a>
Academic training	MGM College of Physiotherapy	2016	2016- Ongoing	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Physiotherapy.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Physiotherapy.pdf</a>
To start Eye camp activity	Santa Memorial Foundation	2016	2016- Ongoing	1. Free Cataract Surgery Centre 2. Organized diagnostic eye camp	UG/PG Students	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20santa%20memorial%20foundation_PDF.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20santa%20memorial%20foundation_PDF.pdf</a>
A Randomized, Open Label, Two Period, Single Dose, Crossover, Bioavailability Study Of Plicitran Injection Concentrate For Nano-Dispersion (PCN) And Absorbent In Subjects With Locally Recurrent Or Metastatic Breast Cancer.	Sun Pharma Advanced Research Company Ltd (SPARC)	2016	2016- 2021 (5 yrs)	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20tamane%20sun%20pharma.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20tamane%20sun%20pharma.pdf</a>
A Randomized, Double-Blind, Placebo-Controlled, Three-Arm, Parallel Group, Multi-Center, Clinical Study To Evaluate The Therapeutic Bio-Equivalence Of Two Tacrolimus 0.1% Topical Ointment Formulations In Adult Patients With Moderate To Severe Atopic Dermatitis.	Lambda Therapeutic Research Limited	2016	2016- Ongoing (15 yrs)	1. Clinical Trial	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20ashish%20Deshmukh%20Lambda.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20ashish%20Deshmukh%20Lambda.pdf</a>
Medical Health Check-Up	Wockhardt	2016	2016- Ongoing	1. Medical Examination and Investigation	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20Wockhardt_PDF.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20Wockhardt_PDF.pdf</a>
Rotary External Posting Of Physiotherapy Students	Hegdewar Research Institute Aurangabad	2016	2016- Ongoing	1. For Internship	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Hegdegar_WRF.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Hegdegar_WRF.pdf</a>
Research & Efficiency Of Test	J Mitra & Co. Pvt Ltd	2016	01/09/2016 - 2019/2016	1. Research collaboration among the parties 2. Set the ground for efficacy testing of dengue NS1 antigen FIA test kit 3. Research Development for exchanging knowledge 4. Training for students	4	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Mitra.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MGMS%20Mitra.pdf</a>
Mutually Beneficial Program Which Serve To Enhance The Intellectual Life And Skill Development On Both Campus	Pulhi College Of Education And Research	2016	2016- Ongoing	1. Exchange of Faculty & Students for education and training 2. Conduct short certificate course 3. Provide necessary help to community service 4. Provide awareness and iteration through conducting club and workshop	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MOU%20with%20Pulhi%20college%20nursing.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20MOU%20with%20Pulhi%20college%20nursing.pdf</a>
A Phase IV, Open-Label, Multi-Center Study to Evaluate the Safety of Axiaban in Indian Subjects Undergoing Elective Total Knee Replacement or Total Hip Replacement Surgery. Protocol Number: CV185-158	PPD Pharmaceutical Development India Pvt Ltd	2016	2016- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20Girish%20Gadgarkar%20PPD.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Dr%20Girish%20Gadgarkar%20PPD.pdf</a>
Clinical Trial	Ardent Clinical Research Services	2016	2016- Ongoing	1. Clinical Trial	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Ardent%20Clinical%20Research%20MOU.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Ardent%20Clinical%20Research%20MOU.pdf</a>
Clinical Trial	Gracely Research solutions LLP	2016	2016- Ongoing	1. Clinical Trial	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Gracely%20Research%20Solutions%20MOU.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2016%20Gracely%20Research%20Solutions%20MOU.pdf</a>
Health Care IT Solutions To Hospital	21st Century Informatics India	2017	2017- Ongoing (5 yrs)	Health Care IT Solutions To Hospital	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%2021stCentury%20informatics.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%2021stCentury%20informatics.pdf</a>
Management of tuberculosis patients according to RNTCP by private practitioners in Aurangabad City -A cross sectional study.	Director Of Health Services (Leprosy & TB)	2017	2017- 2018	1. Clinical Trial	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Director%20of%20the%20health%20services%20Leprosy%20and%20TB%20and%20Prashant.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Director%20of%20the%20health%20services%20Leprosy%20and%20TB%20and%20Prashant.pdf</a>
Pre-Diagnostic and treatment for women in ulcer sector	Gabbs Foundation India	2017	2017- 2020	1. Diagnostic 2. Treatment	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Gabbs%20Foundation.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Gabbs%20Foundation.pdf</a>
Academic training	MGM Florence Nightingale Institute of Nursing Education Vashi Navi Mumbai	2016	2016- Ongoing	1. Research 2. Exchange of academic staff 3. Exchange of students 4. Publication	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Florence%20Nightingale%20Vashi.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20MGMS%20Florence%20Nightingale%20Vashi.pdf</a>
A Randomized, open label, parallel-group, active-comparator controlled, multi-center study to evaluate the efficacy and safety of upitral acetate (5 mg tablets), as compared with Leuprolide acetate (3.75 mg intramuscular injection) for 12 weeks, in the preoperative treatment of moderate to severe symptomatic uterine fibroids.	Cluntha Research Limited	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Cluntha_PDF.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Cluntha_PDF.pdf</a>
Axio open label, Two Arms, Comparative, Phase-IV Clinical Study evaluating safety and efficacy of Oxeal LZ (combination of Cefuroxime 250mg + Isoniazid 600 mg) versus Linezolid 600 mg in patients with Diabetic Foot infections.	Macleods	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Anuradha%20Patil%20MACLEODS%20CTA.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Anuradha%20Patil%20MACLEODS%20CTA.pdf</a>
A Prospective, multicentre, Phase IV Clinical Study evaluating safety and efficacy of Leuprolide 15mg Injection plus Enzomax Tablet (Trypsin 96 ng + Bromelain 180 mg + Rosinase Tibidrate 200 ng) versus Leuprolide 15 mg Injection in the treatment of patients diagnosis with Endometriosis.	Macleods	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Deepak%20Bhosale%20MACLEODS%20CTA.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Deepak%20Bhosale%20MACLEODS%20CTA.pdf</a>
Real world, non-interventional, observational study of Venusia MaxCream as Moisturizer in A Multicentre, Randomized, Double-Blind, Vehicle-Controlled Phase II Study to Evaluate the Efficacy, Tolerability, and Safety of Topical Povidone-Iodine (PVP-I, 2% (W/W)) in Psoriatic Subjects for the Treatment of Methicillin Contagiosum	Boquest Solution Pvt Ltd	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Irajan%20Bhosale%20Quest%20pvt%20hd.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Irajan%20Bhosale%20Quest%20pvt%20hd.pdf</a>
Provide Pre Employment And Periodic Health Checkup Of The Employees.	Hospita Health Care India Pvt Ltd	2017	01/04/2017 - 31/03/2018	Hospitalization For various diseases including super specialty 1. Investigation 2. Procedure 3. Treatment Employees 4. Reaching out of large no of people on HIV/AIDS prevention, testing, treatment, diagnostics 5. Create awareness staff and students 6. Provide stigma free prevention, testing diagnostic and treatment all HIV affected people including TB and Hepatitis patients 7. Screening of population in all village 8. Identification of cases fit for cataract surgery 9. Pre operation examination and investigation 4. surgery 5. post surgery treatment	UG/PG Students	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20HOSPISPIRA_RENEWAL-2017.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20HOSPISPIRA_RENEWAL-2017.pdf</a>
HIV Vul Load Test For HIV +ve Patients.	AIDS Health Care Foundation (AHCf)	2017	2017- Ongoing	1. Investigation 2. Procedure 3. Treatment Employees 4. Reaching out of large no of people on HIV/AIDS prevention, testing, treatment, diagnostics 5. Create awareness staff and students 6. Provide stigma free prevention, testing diagnostic and treatment all HIV affected people including TB and Hepatitis patients 7. Screening of population in all village 8. Identification of cases fit for cataract surgery 9. Pre operation examination and investigation 4. surgery 5. post surgery treatment	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017-AIDS-health-care-foundation-AHCf.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017-AIDS-health-care-foundation-AHCf.pdf</a>
Cataract Case Detection & Surgery	District Blindness Control Society	2017	2017- Ongoing	1. Investigation 2. Procedure 3. Treatment Employees 4. Reaching out of large no of people on HIV/AIDS prevention, testing, treatment, diagnostics 5. Create awareness staff and students 6. Provide stigma free prevention, testing diagnostic and treatment all HIV affected people including TB and Hepatitis patients 7. Screening of population in all village 8. Identification of cases fit for cataract surgery 9. Pre operation examination and investigation 4. surgery 5. post surgery treatment	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20District%20blind%20society.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20District%20blind%20society.pdf</a>
An Open Label Prospective, comparative, Randomized, clinical study evaluating efficacy and safety of treatment A (Tamoxifen 0.4 mg Modified release capsule) versus treatment B (POC Delfazon 30 mg plus Tamoxifen 0.4 mg Tablet) in the patients with uterine tone	Macleods	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Prashant%20Darakhs%20MACLEODS%20CTA.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Prashant%20Darakhs%20MACLEODS%20CTA.pdf</a>
A Two arm, Comparative, Parallel, Randomized, double-blind, double-dummy Clinical study to	Macleods	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Rajendra%20Bhosale%20MACLEODS%20CTA.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Rajendra%20Bhosale%20MACLEODS%20CTA.pdf</a>
An open label, Two arm, Comparative, Randomized Phase IV Clinical Study evaluating Research	HT Madras	2017	2017- Ongoing	1. Research 2. Publication	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20HT%20MADRAS_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20HT%20MADRAS_.pdf</a>
2017-18						
A 24week, randomized, double-blind, double-dummy parallel group, multi-center, active	Glenmark Pharmaceutical Ltd	2017	2017- Ongoing	Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Deepak%20Bhosale%20Glenmark.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Deepak%20Bhosale%20Glenmark.pdf</a>
A Study to Evaluate the Effect of Dauglaphilom on Incidence of Worsening Heart Failure or Cardiovascular Death in in Patients with phonic Heart Failure with Reduced Ejection Fraction.	AstraZeneca Pharma India Ltd	2017	2017- Ongoing	Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Deepak%20Bhosale%20AstraZeneca.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Deepak%20Bhosale%20AstraZeneca.pdf</a>
26 Week, Multicentre, randomized, placebo controlled, double-blind, parallel group, phase I	AstraZeneca Pharma India Ltd	2017	2017- Ongoing	1. Clinical Trial Publication	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Prashant. Udgire%20AstraZeneca.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr. Prashant. Udgire%20AstraZeneca.pdf</a>
A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study to Assess the Efficacy.	LLPIN	2017	2017- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Sudhir%20Kulkarni%20Lupin.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Dr%20Sudhir%20Kulkarni%20Lupin.pdf</a>
Tie Up Of Sport Authority Of India	Sports Authority Of India	2017	2017- Ongoing	1. Provide sport medicine facility to UGPG Physiotherapy students	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Sports%20Authority%20India.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Sports%20Authority%20India.pdf</a>
For Laboratory Services	Ratananidhi Charitable Trust	2017	2017- Ongoing	1. Patient care 2. Training for students 3. Research 4. Guest lecture 5. Training for student and faculty	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Ratananidhi%20Charitable%20Trust_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Ratananidhi%20Charitable%20Trust_.pdf</a>
International Training Centre	American Heart Association (AHA)	2017	21/11/2017 - 21/11/2019 (2 yrs)	1. Provide Laboratory and material support 2. Provide technical guidelines, updated , manual & circular 3. Provide RNTCP drugs	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20AHA%20American%20Heart%20Association%20AHA%20nm%2021.PDF">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20AHA%20American%20Heart%20Association%20AHA%20nm%2021.PDF</a>
Provide affordable 24 hr world class medical health care service including laboratory service to its Training And Clinical Trial	Siddhi Metropolis Healthcare Pvt Ltd	2017	01/08/2017 - Ongoing	1. Provide financial and material support 2. Provide technical guidelines, updated , manual & circular 3. Provide RNTCP drugs	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Siddhi%20Metropolis%20Lab_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Siddhi%20Metropolis%20Lab_.pdf</a>
Academic Training	Iluthbet Centre	2017	2017- Ongoing	1. Research Purpose 2. Check the plagiarism 3. Research 4. Academic Purpose	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20INFILIBNET_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20INFILIBNET_.pdf</a>
Academic Training	URKUND anti plagiarism software	2017	2017- Ongoing	1. Check the plagiarism 2. Research 4. Academic Purpose	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20URKUND%20antiplagiarism_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20URKUND%20antiplagiarism_.pdf</a>
Academic Training	National Academic Depository (NAD)	2017	2017- Ongoing	1. Academic Purpose	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20National%20Academy%20NAD.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20National%20Academy%20NAD.pdf</a>
Waste management through biotechnological interventions	Pavan Green Technologies Ltd	2018	15/02/2018 - 2023 (5 yrs)	1. Research 2. Provide Internship	2	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20Pavan%20Green%20Biotechnologies%20for%20Waste%20Management%20and%20Environment%20.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20Pavan%20Green%20Biotechnologies%20for%20Waste%20Management%20and%20Environment%20.pdf</a>
Eye Banking & Cornea Storage	Sahyana Eye Bank	2018	2018 - 2021 (3 yrs)	1. Utilization corneal tissue for transplantation 2. Publication	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20Sahyana%20Eye%20Bank_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20Sahyana%20Eye%20Bank_.pdf</a>
Phase I Multi-Center Double blind study to evaluate the long term safety and efficacy of baxucaine in adult patients with atopic dermatitis	Bil Lily Company (India) Pvt Ltd Gurgaon Haryana	2018	2018- Ongoing	1. Clinical Trial 2. Publication	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20BilLily%20and%20Company%20.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20BilLily%20and%20Company%20.pdf</a>
A Multi-Center Randomized double blind placebo controlled study to evaluate the efficacy and Optimizing health care delivery and the overall health and well-being of special children as well as Optimizing health care delivery and the overall health and well-being of special children as well as Promoting teaching, educational, research & other collaborative activity for mutual benefit of sport	Bil Lily Company (India) Pvt Ltd Gurgaon Haryana	2018	2018- Ongoing	1. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20BilLily%20and%20Company%20.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20BilLily%20and%20Company%20.pdf</a>
MGM - Kamathe Acts As A Mother Blood Bank	Aarambh Autism Centre	2018	2018- Ongoing	1. Provide optimal health care for special children 2. Training 3. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20Aarambh%20Autism%20Centre%20MOU_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20Aarambh%20Autism%20Centre%20MOU_.pdf</a>
Free Health Service for mentally retarded child	Primary Health Centre Adul	2018	2018- Ongoing	1. Provide optimal health care for special children 2. Training 3. Clinical Trial	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20PHC%20Adul_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20PHC%20Adul_.pdf</a>
Academic, Clinical training , Internship , Project work, student- faculty exchange, Research	Sports Authority Of India	2018	2018- Ongoing	1. Training 2. Clinical Trial	PG Students And Interns	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20Sports%20Authority%20for%20Physiotherapy%20and%20MOU_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20Sports%20Authority%20for%20Physiotherapy%20and%20MOU_.pdf</a>
Free Health Service for mentally retarded child	MGM Vashi, Storage Centre	2018	01/06/2018 - 15/06/2019	Supply Blood and Blood product	Clinical Staff And Students	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20with%20MGMS%20VASHI%20BLOOD%20STORAGE%20CENTER.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20MOU%20with%20MGMS%20VASHI%20BLOOD%20STORAGE%20CENTER.pdf</a>
Free Health Service for mentally retarded child	Swayamsiddha NGO	2017	2018- Ongoing	1. Provide Free health checkup 2. Training of students	1	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Swayamsiddha%20MOU_.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2017%20Swayamsiddha%20MOU_.pdf</a>
Academic, Clinical training , Internship , Project work, student- faculty exchange, Research	SVERI college of Engineering Pandharpur	2018	2018- Ongoing	1. Project Work 2. Internship 3. Research 4. Training	All Staff	<a href="https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20SVERI%20for%20and%20Bbs.pdf">https://www.mgmuhhs.com/NAAC/c3/3.7.2/2018%20SVERI%20for%20and%20Bbs.pdf</a>





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**Annexure 3.2 Resource Mobilisation for Research**

**3.2.1 Grants for research projects/clinical trials sponsored by the non-governmental sources such as industry, corporate houses, international bodies, endowments, professional**

Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator/ Co Investigator	Name of the funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co-Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of Project
<b>2014-15</b>							
Validation of ingenious device designed by ACTOFIT for kinematic analysis of joint motion	Dr. Rajani Mullerpatan	ACTOFIT	Non - Government	Physiotherapy Navi Mumbai	2014	0.3	1 yrs
Establishment of MGM Centre of Human Movement Science at MGM School of Physiotherapy	Dr. Rajani Mullerpatan	International Society of Biomechanics	Non - Government	Physiotherapy Navi Mumbai	2014	74.6683	3 yrs
<b>2015-16</b>							
Non Invasive TB Triage & Patient Mapping platform using breath via Low cost titanium dioxide Nanotube sensor	Dr. Samir Pachpute (PI)	IKP Knowledge Park	Non - Government	Microbiology Navi Mumbai	2015	49.9	1 yrs
The effects of labour and birth positioning on pelvic dimensions: gaining further insight to improve the birth experience	Dr. Rajani Mullerpatan	Shastri foundation	Non - Government	Physiotherapy Navi Mumbai	2015	1.12	1 yrs
Clinical Evaluation of Breath-Based point of care test for diagnosis of Pulmonary Tuberculosis	Dr Potar	University of UTAH, USA & Nanosynth	Non - Government	Respiratory Medicine	2016	66	1 yrs
A Randomized, Double-blind, Parallel Group Study to Evaluate the Effect and Safety of Test Biscuits as Compared to Placebo Biscuits in Regulating Blood Glucose Level in Subjects With Type 2 Diabetes Mellitus.	Dr. Deepak Bhosle	Karmik life sciences	Non - Government	Pharmacology Aurangabad	2016	3.27866	Ongoing
A Randomized, Double-Blind, Placebo-Controlled, Three-Arm, Parallel Group, Multi-Centric, Clinical Study To Evaluate The Therapeutic Bio-Equivalence Of Two Tacrolimus 0.1% Topical Ointment Formulations In Adult Patients With Moderate To Severe Atopic Dermatitis.	Dr Ashish Deshmukh	Lambda Therapeutic Research Limited	Non - Government	TB & Chest Aurangabad	2016	0.9576	Ongoing
A randomized, multi center, open label, two-treatment, two-period, two-sequence, multiple dose,crossover, steady state bioequivalence study of Everolimus tablets, 10 mg of Biocon Limited, India vs. Afinitor® (Everolimus) tablets, 10 mg of Novartis Pharmaceuticals Corporation, USA in advanced renal cell carcinoma (RCC) patients	Dr Chandrashekhhar Tamane	Veeda Clinical Research Pvt. Ltd,	Non - Government	Oncology Aurangabad	2016	1.12928	Ongoing
<b>2016-17</b>							
A Randomized, Open Label, Two Period, Single Dose, Crossover, Bioavailability Study Of Paclitaxel Injection Concentrate For Nano-Dispersion (PICN) And Abraxane® In Subjects With Locally Recurrent Or Metastatic Breast Cancer.	Dr Chandrashekhhar Tamane	Sun Pharma Advanced Research Company Ltd (SPARC)	Non - Government	Oncology Aurangabad	2016	1.12928	Ongoing
Real world, Non-interventional, Observational Study of Hydroxyzone hydrochloride in chronic pruritus	Dr H R Jerajani	Clinresearch Healthcare solution pvt ltd	Non - Government	Dermatology Navi Mumbai	2016	2.1	Ongoing
A Phase IV, Open-Label, Multi-center Study to Evaluate the Safety of Apixaban in Indian Subjects Undergoing Elective Total Knee Replacement or Total Hip Replacement Surgery. Protocol Number : CV185-158	Dr Girish Gadekar	PPD Pharmaceutical Development India Pvt Ltd	Non - Government	Orthopaedics Aurangabad	2016	19.2	Ongoing
Real world, non-interventional, observational study of Venusia Max Cream as Moisturizer in Psoriasis	Dr H R Jerajani	Bio Quest pvt ltd	Non - Government	Dermatology Navi Mumbai	2017	2.1	Ongoing
To evaluate efficacy and safety of Bacillus clausii (2 billion spores/5 ml) suspension as an add on therapy to standard of care in acute viral diarrhoea in children	Dr Nimain Mohanty	Wockhardt Ltd	Non - Government	Paediatrics Navi Mumbai	2017	11.49	Ongoing
A Multicenter, Randomized, Double-Blind, Vehicle-Controlled Phase II Study to Evaluate the Efficacy, Tolerability, and Safety of Topical Povidone-Iodine (PVP-I, 2% [W/W]) in Pediatric Subjects for the Treatment of MolluscumContagiosum.	Dr Ashish Deshmukh	JSS Clinical Research Limited	Non - Government	TB & Chest Aurangabad	2017	3.495	Ongoing
A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study to Assess the Efficacy, Pharmacokinetics, Pharmacodynamics and Safety of LNP1892 (Monotherapy) in Chronic Kidney Disease (CKD) Patients with Secondary Hyperparathyroidism (SHPT), On Dialysis and Not on Dialysis. Protocol Number: LRP/LNP1892/2016/007; Version No.: 1.2, Dated 15 Dec 2016	Dr Sudhir Kulkarni	LUPIN	Non - Government	Nephrology Aurangabad	2017	1	Ongoing
A randomized, open label, parallel-group, active-comparator controlled, multi-center study to evaluate the efficacy and safety of flupristal acetate (5 ng tablets), as compared with Leuprolide acetate (3.75 mg intramuscular injection) for 12 weeks, in the preoperative treatment of moderate to severe symptomatic uterine fibroids	Dr Lakshmi Rachkonda	Clinantha Research Limited	Non - Government	OBGY Aurangabad	2017	0.7902	Ongoing
Title An open label, Two Arms, Comparative, Phase IV Clinical Study evaluating safety and efficacy of Orail LZ (combination of Cefuroxime 250mg + Linezolid 600mg) versus Linezolid 600mg in patients with Diabetic Foot Infections.	Dr Anuradha Patil	Macleods Pharmaceutical Ltd	Non - Government	Pathology	2017	1.4375	Ongoing
An Open Label Prospective, comparative, randomized, clinical study evaluating efficacy and safety of treatment A (Tamsulocin 0.4 mg Modified release capsule) versus treatment B (FDC Doflazacort 30 mg plus Tamsulocin 0.4 mg Tablet) in the patients with ureteral stone.	Dr Prashant Darakh	Macleods Pharmaceutical Ltd	Non - Government	Urology Aurangabad	2017	2.4	Ongoing
A Two arm, Comparative, Parallel, Randomized, double-blind, double-dummy Clinical study to evaluate and compare the efficacy and safety of Ceftriaxone (combination of ceftriaxone 300 mg + lactobacillus 60 million cells) Capsule versus Cefuroxime 250 mg Tablet in the treatment of patients with Upper Respiratory Tract Infections.	Dr Rajendra Bohra	Macleods Pharmaceutical Ltd	Non - Government	ENT Aurangabad	2017	2.4	Ongoing
A Prospective, Parallel, Phase IV Clinical Study evaluating safety and efficacy of Leuprorelin 3.5mg Injection plus Enzomac Tablet (Trypsin 96 mg + Bromelain 180 mg + Rutoside Trihydrate 200 mg) versus Leuprorelin 3.5mg Injection in the treatment of patients diagnosed with Endometriosis	Dr Swati Shiradkar	Macleods Pharmaceutical Ltd	Non - Government	Community Medicine	2017	1.725	Ongoing
An open label, Two arm, Comparative, Randomized Phase IV Clinical Study evaluating efficacy and safety of Alista Forte (Epalestat 150 Mg + Methylcobalamin 1500 Mcg + Pregabalin 150 Mg) Tablet versus Pregabalin 150 Mg Capsule in patients with Diabetic Neuropathy	Dr. Deepak Bhosle	Macleods Pharmaceutical Ltd	Non - Government	Pharmacology Aurangabad	2017	2.4	Ongoing



2017-18								
26 Week, Multicenter, randomized, placebo controlled, double blind, parallel group, phase 3 trial with a 26 week safety extension period evaluating the safety and efficacy of Dapagliflozin 5 and 10 mg and saxagliptin 2.5 and 5 mg in pediatric patients with type 2 diabetes mellitus who are between 10 and below 18 years of age	Dr Deepak Bhosale	Astrazeneca Pharma India Ltd	Non - Government	Pharmacology Aurang	2017	3.77323	Ongoing	
"A 24'week, randomised, double-blind, double-dummy parallel group, multicentre, active-controlled study to evaluate efficacy and safety of remogliflozin etabonate in subjects with type 2 diabetes mellitus.	Dr Deepak Bhosale	Glenmark Pharmaceutical Ltd	Non - Government	Pharmacology Aurang	2017	25.65	Ongoing	
A Study to Evaluate the Effect of Dapagliflozin on Incidence of Worsening Heart Failure or Cardiovascular Death in Patients with Chronic Heart Failure with Reduced Ejection Fraction.	Dr Prashant Udgire	Astrazeneca Pharma India Ltd	Non - Government	Plastic Surgery Aurang	2017	63.3	Ongoing	
Inj- TR2SERVE :A comprehensive program to train, triage, and improve services for unintended childhood injuries in India	Dr Mahendra Setia	Grand Challenges Canada	Non - Government	OBGY Navi Mumbai	2018	0.98545	Ongoing	
Phase 3 Multicenter Double blind study to evaluate the long term safety and efficacy of baricitinib in adult patients with atopic dermatitis	Dr H R Jerajani	Elli Lilly Company (India) Pvt Ltd Gurgaon Haryana	Non - Government	Dermatology Navi Mumbai	2018	24.25868	Ongoing	
A Multicenter Randomized double blind placebo controlled study to evaluate the efficacy and safety of baricitinib in adult patients with moderate to severe atopic dermatitis	Dr H R Jerajani	Elli Lilly Company (India) Pvt Ltd Gurgaon Haryana	Non - Government	Dermatology Navi Mumbai	2018	15.7825	Ongoing	
2018 -19								
Biomechanical analysis and energy expenditure of traditional, chair and wall Suryanamaskar	Dr. Rajani Mullerpatan	Sancheti College of Physiotherapy	Non - Government	Physiotherapy Navi Mumbai	2018	0.172	1 yrs	
A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function	Dr. Prashant Udgire	Sanofi- Synthelabo Pvt Ltd	Non - Government	Cardiology Aurangabad	2018	112.925	Ongoing	
A Randomized, Double-Blind, Placebo-Controlled, three-arm, Parallel Design, Multiple site, Study to Evaluate the Therapeutic equivalence and Safety of Tacrolimus Ointment, 0.1% (Encube Ethicals Private Limited) with Protopic® - (Tacrolimus Ointment 0.1% (Astellas Pharma US, Inc) in the treatment of Moderate to Severe Atopic Dermatitis.	Dr. Ashish Deshmukh	Accutest	Non - Government	Skin and VD Aurangabad	2018	10.97	Ongoing	
A Multicentric, Open label, Randomized, Comparative, clinical study evaluating safety and Efficacy of Fixed Dose combination of Trypsin 48 mg + Bromelain 90 mg + Rutoside Trihydrate 100 mg enteric coated tablet versus Serratiopeptide 10 mg enteric coated tablet in patient for healing potential in surgical wound after minor surgery.	Dr. Mahendra Surywanshi	Macleods Pharmaceutical Ltd	Non - Government	Surgery Aurangabad	2018	2.88	Ongoing	
A Phase III Randomized, Double Blind, Parallel Group, Placebo Controlled, Multi-Centre, Multinational Study to Evaluate Efficacy and Safety of TRC150094 as an Add on to Standard of Care in Improving Cardiovascular Risk in Subjects with Diabetes, Dyslipidemia and Hypertension.	Dr. Deepak Bhosle	IQVIA HDS (India) Private	Non - Government	Pharmacology Aurang	2019	20.3976	Ongoing	
Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study.	Dr. Shivaji Pole	SIRO Clinpharm Pvt. Ltd.	Non - Government	Interventional Radiology Aurangabad	2019	10.7085	Ongoing	





## MGM INSTITUTE OF HEALTH SCIENCES

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

**Grade 'A' Accredited by NAAC**

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### 3.3.4 Number of start-ups incubated on the campus year-wise during the last five years (5)

Sr No	Name of the start-up	Nature of start-up	Year of commencement	Contact information of the promoters
1	Gait and full body motion analysis system	Scientific validation, Training and clinical service in human movement science	01.01.2016	Dr. Rajani Mullerpatan, <a href="mailto:rajani.kanade@gmail.com">rajani.kanade@gmail.com</a> ,
2	Cardiopulmonary fitness testing system	Scientific validation, Training and clinical service in human movement science	11.03.2016	Dr. Bela Agarwal (PT), Bela Agarwal
3	Pedobarography system	Scientific validation, Training and clinical service in human movement science	02.01.2017	1. Dr. Juhi Bharnuke (PT), <a href="mailto:bharnukejuhi@gmail.com">bharnukejuhi@gmail.com</a> , 2. Dr. Rajani Mullerpatan, <a href="mailto:rajani.kanade@gmail.com">rajani.kanade@gmail.com</a>
4	MGM Vaccum Dressing	MGM Biomedicals-- Affordable devices	01.03.2018	Mr. Yogesh Patil, Dr.Mansee Thakur, Mr.Tarun Parihar, Mr.Raj Vashi
5	Balance Performance Testing Center	Scientific validation, Training and clinical service in human movement science	17.04.2018	Dr Triveni Shetty, <a href="mailto:trivishetty@gmail.com">trivishetty@gmail.com</a> .
6	Portable Biosafety cabinet	MGM Analyticals- Affordable technology	10.11.2018	Dr.Mansee Thakur, Mr.Yogesh Patil, Dr.Himanshu Gupta, Miss.Shaila Kotkar
7	MGM O & P care	Analyticals- Affordable technology	10.11.2018	Dr Uttara Deshmukh
8	MGM Fish feed tech	LifeBioTech - Technology for Biosciences	29.03.2019	Dr. Himanshu Gupta, Dr.Mansee Thakur, Mr.Yogesh Patil, Mr.Ashitosh Shivekar, Miss.Gargi Chaphekar
9	BioMol Separator	MGM Analyticals- Affordable technology	06.06.2019	Mr. Yogesh Patil, Dr.Mansee Thakur, Mr.Saurav Pawar

**Dr. Rajesh B. Goel**  
Registrar

MGM Institute of Health Sciences  
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Navi Mumbai- 410 209



## MGM INSTITUTE OF HEALTH SCIENCES




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E-mail : [registrar@mgmuhs.com](mailto:registrar@mgmuhs.com) | Website : [www.mgmuhs.com](http://www.mgmuhs.com)

 <b>INTELLECTUAL PROPERTY INDIA</b> PATENTS   DESIGNS   TRADE MARKS GEOGRAPHICAL INDICATIONS	 भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules)	क्रमांक : 022106609 SL No : 
पेटेंट सं. / Patent No.	:	325554
आवेदन सं. / Application No.	:	201721040727
फाइल करने की तारीख / Date of Filing	:	15/11/2017
पेटेंटी / Patentee	:	MGM Institute Of Health Sciences (MGMIHS), Deemed University u/s 3 of UGC Act, 1956

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित QUANTUM DOT POWERED IP-10 ANTIBODY BASED KIT FOR LATENT TB AND TB ANTIGEN DETECTION नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 15th day of November 2017 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled QUANTUM DOT POWERED IP-10 ANTIBODY BASED KIT FOR LATENT TB AND TB ANTIGEN DETECTION as disclosed in the above mentioned application for the term of 20 years from the 15th day of November 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 22/11/2019  
Date of Grant :

OK Singh  
पेटेंट निबंधक  
Controller of Patent

**Dr. Rajesh B. Goel**  
Registrar

MGM Institute of Health Sciences  
(Deemed University u/s 3 of UGC Act, 1956)  
Navi Mumbai- 410 209

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1948/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF BIFUNCTIONAL CERIUM OXIDE NANOPARTICLE WITH ENHANCED ANTIOXIDANT AND CARBONIC ANHYDRASE INHIBITORY ACTIVITY

(51) International classification :A61K33/24,A61K9/51  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application :NA  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)MGM Institute Of Health Sciences (MGMIHS)

Address of Applicant :Sector -1, Kamothe, Navi Mumbai-410209, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)YADAV, Raman Prasad

2)KADAM, Sudhirchandra Nanasaheb

3)BHAGIT, Amita Anant

4)MHATRE, Sveeta Vishnu

(57) Abstract :

The present invention discloses a method for synthesis of cerium oxide nanoparticles (CeO<sub>2</sub>NP) with highly efficient anti-oxidant property and carbonic anhydrase inhibitory activity by subjecting the cerium oxide solution to aqueous extract of Cicer arietinum plants or proteome of Cicer arietinum .These bifunctional cerium nanoparticles thus produced find potential applications in various domains of biomedical applications especially in ocular disease.

No. of Pages : 26 No. of Claims : 10



Director  
MGM School of Biomedical Science  
Kamothe, Navi Mumbai

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/05/2015

(43) Publication Date : 05/06/2015

(54) Title of the invention : PREPARATION COMPRISING A PANCREATIC LIPASE INHIBITORY FRACTION AN ANTI-OBESITY PRINCIPLE OBTAINED FROM DIETARY SPICE MESUA FERREA

(51) International classification

:A61K36/00,  
A61K9/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Sector -1, Kamothe, Navi Mumbai-410209, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)YADAV, Raman Prasad

2)KADAM, Sudhinchandra Nanasaheb


3)MHATRE, Sveeta Vishnu

4)BHAGIT, Amita Anant

(57) Abstract :

The present invention discloses herbal preparation/compositions comprising methanolic extract/fractions of Mesua ferrea having pancreatic lipase inhibitory activity, useful for the treatment/management of obesity and associated conditions. The invention further relates to process for preparing such extracts and fractions comprising pancreatic lipase inhibitory activity.

No. of Pages : 21 No. of Claims : 9

  
Director  
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Kamothe, Navi Mumbai



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2015

(21) Application No.2685/MUM/2015 A

(43) Publication Date : 31/07/2015


(54) Title of the invention : BIOGENIC METHOD FOR GENERATION OF MONODISPERSE AND FLUORESCENT CERIUM OXIDE NANOPARTICLES WITH ENHANCED ANTIOXIDANT ACTIVITY

(51) International classification	:A61K35/12, A61K33/24, A61K9/14	(71)Name of Applicant : <b>1)MGM Institute Of Health Sciences (MGMIHS), Deemed University u/s 3 of UGC Act, 1956</b> Address of Applicant :Sector -1, Kamothe, Navi Mumbai- 410209, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)YADAV, Raman Prasad</b>
(33) Name of priority country	:NA	<b>2)KADAM, Sudhirchandra Nanasaheb</b>
(86) International Application No	:NA	<b>3)BHAGIT, Amita Anant</b>
Filing Date	:NA	<b>4)MHATRE, Sveeta Vishnu</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention disclose a very simple method for the synthesis of bioactive monodispersed cerium oxide fluorescent nanoparticles (quantum dots)/nanoparticles using aqueous extract of Justicia adhatoda leaf under mild environment at ambient temperature. The synthesis of cerium oxide fluorescent nanoparticles (quantum dots) generated by this method were found to be in the range of 2-4 nm in size characterized by transmission electron microscopy (TEM). Extraordinary monodispersity of cerium oxide fluorescent nanoparticles (quantum dots) was observed. Generated cerium oxide fluorescent nanoparticles (quantum dots) showed enhanced antioxidant activity and also mimic catalase which can be utilized in various domains of biomedical applications including diagnostics.

No. of Pages : 30 No. of Claims : 10

  
Director  
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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2015

(21) Application No.3616/MUM/2015 A

(43) Publication Date : 09/10/2015

(54) Title of the invention : BIOGENIC METHOD FOR GENERATION OF MULTIPLE NANOPARTICLES (ZN, FE, MG, CA, CE, SI, AG)

(51) International classification

:A61K  
31/74

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Sector -1, Kamothe, Navi Mumbai-  
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(72)Name of Inventor :

**1)YADAV, Raman Prasad**

**2)KADAM, Sudhirchandra Nanasaheb**


**3)BHAGIT, Amita Anant**

**4)MHATRE, Sveeta Vishnu**

(57) Abstract :

The present invention disclose a simple biogenic method for the synthesis of multiple nanoparticles( Fe, Mg, Ca, Ag) and Zn, Ce, Si (quantum dots)/nanoparticles using aqueous extract of Cajanus cajan leaf under mild environment at ambient temperature. The sizes of synthesized nanoparticles which include quantum dots generated by this method were characterized by transmission electron microscopy (TEM). The generated nanoparticles reaction mixture including quantum dots showed enhanced antioxidant activity as compared to extract of Cajanus cajan most probably due to formation of antioxidant nanoparticles. The synthesized quantum dots also mimic catalase and hence can be utilized in various domains of biomedical applications including diagnostics.

No. of Pages : 46 No. of Claims : 11

  
Director  
MGM School of Biomedical Science  
Kamothe, Navi Mumbai



Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

(12) PATENT APPLICATION PUBLICATION

(21) Application No. : 3620/MUM/2015

(19) INDIA

(43) Publication Date : 05/02/2016

(22) Date of filing of Application : 23/09/2015

Journal No. - 06/2016

(54) Title of the invention : MICRO-TRENCH BASED BIOCHIP DEVICE FOR SCREENING OF INFECTIOUS DISEASES USING METAL NANO PARTICLES / NANO COATING

(51) International classification : A61B 8/14  
(31) Priority Document No : NA  
(32) Priority Date : NA  
(33) Name of priority country : NA  
(86) International Application No : NA  
Filing Date : NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number : NA  
Filing Date : NA  
(62) Divisional to Application Number : NA  
Filing Date : NA

(71) Name of Applicant :

1) Department of Atomic Energy

Address of Applicant : Anushakti Bhavan, C.S.M. Marg, Mumbai - 400 001, Maharashtra, India Maharashtra India

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3) Birla Institute of Technology and Science, Pilani

(72) Name of Inventor :

1) SURI, V. K. (India)

2) R. Balasubramaniam (India)

3) MISHRA, Shivam (India)

4) GHILDIYAL, Shrinkhla (India)

5) JOSHI, D. S. (India)

6) THAKUR, Mansee (India)

7) PAL, Girish (India)

8) BHAND, Sunil (India)

9) PAL, Souvik (India)

(57) Abstract :

The present disclosure relates to a medical micro-trench based diagnostic device and method for screening of infectious disease causing pathogens using DNA hybridization of the disease causing pathogen. In an aspect, the device includes a chip having a substrate that is configured with a plurality of micro trenches that are configured to facilitate hybridization of a target nucleic acid of a disease causing pathogen, and an oligonucleotide that bears signature of the target nucleic acid of a disease causing pathogen, wherein the plurality of micro trenches are configured with micro metal coating and the oligonucleotide is coupled to the micro metal coating to prevent diffusion and spreading of the oligonucleotides from the confined space of the plurality of micro trenches and to facilitate entrapment of high concentration of the oligonucleotide in the trench to increase the hybridization with target nucleic acid.

Number of Pages = 27

Best View in Resolution of 1024x768 or later. Enable Javascript for Better Performance.

*[Signature]*  
Director  
MGMI School of Biomedical Science  
Kamothe, Navi Mumbai



(12) PATENT APPLICATION PUBLICATION

(21) Application No.201721018037 A

(19) INDIA

(22) Date of filing of Application :23/05/2017

(43) Publication Date : 16/06/2017

(54) Title of the invention : BIOREACTOR FOR VERY FAST GENERATION OF MULTIFUNCTIONAL FLUORESCENT NAN PARTICLES•

(51) International classification

:B82Y

5/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority countr

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MGM Institute Of Health Sciences (MGMIHS), Deemed University u/s 3 of UGC Act, 1956**

Address of Applicant :Sector -1, Kamothe, Navi Mumbai-410209, Maharashtra, India. Maharashtra India

(72)Name of Inventor :

**1)YADAV, Raman Prasad**

**2)KADAM, Sudhiraandra Nanasaheb**

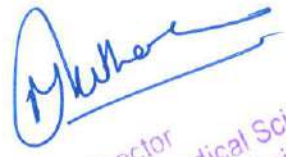
**3)BHAGIT, Amita Anant**

(57) Abstract :

**BIOREACTOR FOR VERY FAST GENERATION OF MULTIFUNCTIONAL FLUORESCENT NANOPARTICLES•**

ABSTRACT The invention discloses plant protein/proteome of *Cajanus cajan* beads/matrix which comprises protein/proteome of *Cajanus cajan* immobilized on inert matrix/entrapped in inert matrix selected from the group consisting of calcium alginate, river sand or any other suitable matrix that can entrap the plant protein. The invention further discloses a bioreactor which comprises an apparatus having a controlled inlet and outlet system packed with plant protein/proteome of *Cajanus cajan* beads for use in the faster generation of multifunctional silicon dioxide, zinc sulfide fluorescent nanoparticles (quantum dots) which can be utilized in various domains of biomedical applications including diagnostics. The invention also discloses method of producing metal nanoparticles using the bioreactor of the invention.

No. of Pages : 55 No. of Claims : 16

  
•Director  
MGM School of Biomedical Science  
Kamothe, Navi Mumbai

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 15/11/2017

(21) Application No. 201721040727 A

(43) Publication Date : 01/12/2017

(54) Title of the invention : QUANTUM DOT POWERED IP-10 ANTIBODY BASED KIT FOR LATENT TB AND TB ANTIGEN DETECTION

(51) International classification

:C07K

16/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Name of Applicant :

1) MGM Institute Of Health Sciences (MGMIHS), Deemed University u/s 3 of UGC Act, 1956

Address of Applicant : Sector -1, Kamothe, Navi Mumbai-410209, Maharashtra, India Maharashtra India

(72) Name of Inventor :

1) YADAV, Raman Prasad

2) KADAM, Sudhirchandra Nanasaheb


3) KADAM, Nitin Nanasaheb

4) BHAGIT, Amita Anant

(57) Abstract :

The present invention provides an antibody quantum dot complex comprising Mycobacterium tuberculosis anti-IP10 antibody and biogenic quantum dots for detection of Latent tuberculosis (LTB) antigens and TB antigens and a process for the synthesis thereof. Further, the present invention provides a diagnostic kit comprising the anti-IP10 antibody for detection of LTBI antigens and active tuberculosis antigens, and a method of assaying the concentration of the M. tuberculosis IP-10 antigen in an individual recovering from tuberculosis or exhibiting symptoms thereof.

No. of Pages : 31 No. of Claims : 15

  
Director  
MGM School of Biomedical Science  
Kamothe, Navi Mumbai

### Application Details

APPLICATION NUMBER	201721023794
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/07/2017
APPLICANT NAME	1 . MGM- COLLEGE OF ENGINEERING AND TECHNOLOGY (MGM CET) 2 . MGM INSTITUTE OF HEALTH SCIENCES (MGMIHS)
TITLE OF INVENTION	A BIOLOGICAL SAFETY CABINET AND A KIT THEREOF
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	info@krishnaandsaurastri.com
ADDITIONAL-EMAIL (As Per Record)	patent@krishnaandsaurastri.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/01/2019

### Application Status

APPLICATION STATUS

Application Published

MGM School of Biomedical Science  
Kamotke, Navi Mumbai  
Director





(54) Title of the invention : SENSOR BASED INFLATABLE DEVICE

(51) International classification

:H02K  
11/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MGMIHS

Address of Applicant :MGM Educational Campus, Sector 1,  
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2)MGMCET

(72)Name of Inventor :

1)V. K. Suri

2)Santosh Narayan Khedkar

3)Indra Vijay Singh

4)Nakka Muralidhara Rao

5)Yogesh Patil

6)Sudhirschandra Kadam


7)Mansee Thakur

(57) Abstract :

The present invention discloses a sensor based inflatable device (100). The device (100) includes a control board that has an electronic circuit (162) and at least one sensor (131) for sensing the fall condition by calculating a linear velocity and an angular velocity in three axial acceleration and angle of inclination of body posture. The device (100) includes a safety inflatable belt (150) that a user may wear around his body. The inflatable belt (150) opens and protects the user against the impact during a fall. FIG. 3 for publication



No. of Pages : 17 No. of Claims : 8

  
Director  
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Kamothe, Navi Mumbai

Contract Number: 1192101984



AI 2019/21

Sent Date: 29.05.2019

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Applicant

WPTR s.r.o.  
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602 00 Brno  
Czech Republic

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REGISTRATION DETAILS

Title:

QUANTUM DOT POWERED IP-10 ANTIBODY  
BASED KIT FOR LATENT TB AND TB ANTIGEN  
DETECTION

Int. Class:

G01N 33/569 (2006.01)

Int. Application No: PCT/IN2018/050688

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*[Signature]*  
Director  
MGM School of Biomedical Science  
Kamothe, Navi Mumbai

Registration of the International Patent:

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Applicant

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Signature	

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IPC: G01N 33/569 (2006.01) 

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Priority Data: 201721040727 15.11.2017 IN

Title (EN) QUANTUM DOT POWERED IP-10 ANTIBODY BASED KIT FOR LATENT TB AND TB ANTIGEN DETECTION  
(FR) KIT À BASE D'ANTICORPS IP-10 ALIMENTÉS PAR BOÎTES QUANTIQUES POUR DÉTECTION D'ANTIGÈNES DE TB LATENTE ET DE TB

Abstract: (EN) The present invention provides an antibody quantum dot complex comprising *Mycobacterium tuberculosis* anti-IP10 antibody and biogenic quantum dots for detection of Latent tuberculosis (LTB) antigens and TB antigens and a process for the synthesis thereof. Further, the present invention provides a diagnostic kit comprising the anti-IP10 antibody for detection of LTBI antigens and active tuberculosis antigens, and a method of assaying the concentration of the *M. tuberculosis* IP-10 antigen in an individual recovering from tuberculosis or exhibiting symptoms thereof.  
(FR) La présente invention concerne un complexe de boîtes quantiques d'anticorps comprenant un anticorps anti-IP10 pour bacille de Koch et des boîtes quantiques biogènes pour la détection d'antigènes de tuberculose latente (LTB) et d'antigènes de TB et concerne un processus pour leur synthèse. En outre, la présente invention concerne un kit de diagnostic comprenant l'anticorps anti-IP10 pour la détection d'antigènes de LTBI et d'antigènes de tuberculose active et concerne un procédé de dosage de la concentration de l'antigène IP-10 du bacille de Koch chez un individu se rétablissant de la tuberculose ou présentant des symptômes de la tuberculose.

Designated States: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
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European Patent Office (EPO) (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR)  
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Dated : 27/07/2018

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11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any : BELA AGARWAL , MGM SCHOOL OF PHYSIOTHERAPY, MGM INSTITUTE OF HEALTH SCIENCES, PLOT NO 1 AND 2, SECTOR 1, KAMOTHE, NAVI MUMBAI-410209  
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16. Remarks, if any :

Diary Number : 8477/2018-CO/L  
Date of Application : 08/07/2018  
Date of Receipt : 08/07/2018

  
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Dated : 09/10/2018

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3. Nature of the applicant's interest in the copyright of the work : AUTHOR
4. Class and description of the work : LITERARY/ DRAMATIC WORK
5. Title of the work : HISTOLOGICAL AND BIOACCUMULATION EVALUATION OF GOLD  
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9. Year and country of first publication and name, address and nationality of the publisher : N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers : N.A.
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Diary Number : 10843/2018-CO/L  
Date of Application : 28/07/2018

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RIGHT OFFICE



Dated : 04/10/2018

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4. Class and description of the work : LITERARY/ <sup>ylp</sup> DRAMATIC WORK
5. Title of the work : CHARACTERIZATION AND TOXICITY ASSESSMENT OF HOMEOPATHY DRUGS IN ZEBRA FISH EMBRYOS
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16. Remarks, if any

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Dated : 19/03/2019

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4. Class and description of the work : LITERARY/ DRAMATIC WORK
5. Title of the work : CALCULATION OF THE PERCENTAGE OF CHROMOGRANIN A CELLS IN FOETAL SUPRARENAL GLAND OF DIFFERENT GESTATIONAL AGES USING IMMUNOHISTOCHEMISTRY
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Dated : 19/03/2019

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
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6. Language of the work : ENGLISH
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9. Year and country of first publication and name, address and nationality of the publisher : N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers : N.A.
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1. Registration Number : **L-83409/2019**
2. Name, address and nationality of the applicant :  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, SEC 1, KAMOTHE , NAVI MUMBAI-410209 INDIAN  
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DR. SUNIL SHARMA , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, SEC 1, KAMOTHE , NAVI MUMBAI-410209 INDIAN
3. Nature of the applicant's interest in the copyright of the work : AUTHOR
4. Class and description of the work : LITERARY/DRAMATIC WORK
5. Title of the work : ROLE OF MTHFR GENETIC POLYMORPHISMS IN PRETERM LABOUR AND BIRTH
6. Language of the work : ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease :  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, SEC 1, KAMOTHE , NAVI MUMBAI-410209 INDIAN  
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8. Whether the work is published or unpublished : UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher : N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers : N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any :  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, SEC 1, KAMOTHE , NAVI MUMBAI-410209 INDIAN  
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12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright :  
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*Mansee Thakur*  
MGM School of Biomedical Science  
Kamotha, Navi Mumbai





Dated : 20/06/2019

1. Registration Number : **L-83417/2019**
2. Name, address and nationality of the applicant :  
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INDIAN
3. Nature of the applicant's interest in the copyright of the work : AUTHOR
4. Class and description of the work : LITERARY/ DRAMATIC WORK
5. Title of the work : EFFECTS OF BIOLOGICALLY SYNTHESIZED FE2O3 NANOPARTICLES ON SPINACIA OLERACEA GROWTH AND DEVELOPMENT
6. Language of the work : ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease :  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, KAMOTHE, NAVI MUMBAI-410209-410209  
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10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers : N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any :  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, KAMOTHE, NAVI MUMBAI-410209-410209  
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PRIYANKA PATIL , MGM SCHOOL OF BIOMEDICAL



*Mansee Thakur*  
DR. MANSEE THAKUR , MGM SCHOOL OF BIOMEDICAL SCIENCES, MGMIHS, 2ND FLOOR, MEDICAL COLLEGE BUILDING, KAMOTHE, NAVI MUMBAI-410209-410209  
INDIAN





**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed to be University u/s 3 of UGC Act, 1956)

**Grade 'A' Accredited by NAAC**

Sector-1, Kamothe, Navi Mumbai - 410209

Tel. No. 022-27432471, 022-27432994, Fax No. 022 - 27431094

E-mail : registrar@mgmuhs.com ; Website : www.mgmuhs.com

MGM/01/A-8/2019/241

Date : 08.11.2019

**EXTRACTS OF MINUTES OF BOM-51/2017 (DT. 28/08/2017)**

**Item No. 1.3.7.14 of BOM-51/2017 (Agenda Item No.4(e) of BOS)**

e) Research funding towards lab investigations and other hospital facilities.

**Resolution No. 1.3.7.14 of BOM-51/2017: Resolved that for Research funding towards lab investigations and other hospital facilities:**

1. All routine investigations can be made free/subsidized after obtaining suitable permission from respective authorities.
2. All free/subsidized investigations although free for research but still they have a cost which is born by the hospital and therefore this must be accounted under research expenditure head by the concerned lab./facility.
3. Faculties and Students must also try for extramural funding with various funding agencies like ICMR, DBT etc.
4. The specifically recommended projects by "Institutional Scientific Advisory Committee" of institute/college may seek for university funding.

Registrar

**Dr. Rajesh B. Goel**

Registrar

**MGM Instit.**  
(Deemed Univer  
Navi M

**Health Sciences**  
(UGC Act, 1956)



Annexure

BOM 23 /2013 dtd 15.06.2013

## **MGM INSTITUTE OF HEALTH SCIENCES**

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

Grade "A" Accredited by NAAC

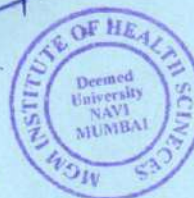
### **Research Promotion Policy**

Approved vide BOM-29/2013 dtd 15.06.2013

(As Amended upto June 2019)

**Dr. Rajesh B. Goel**  
Registrar

**MGM Institute of Health Sciences**  
(Deemed University u/s 3 of UGC Act, 1956)  
Navi Mumbai- 410 209

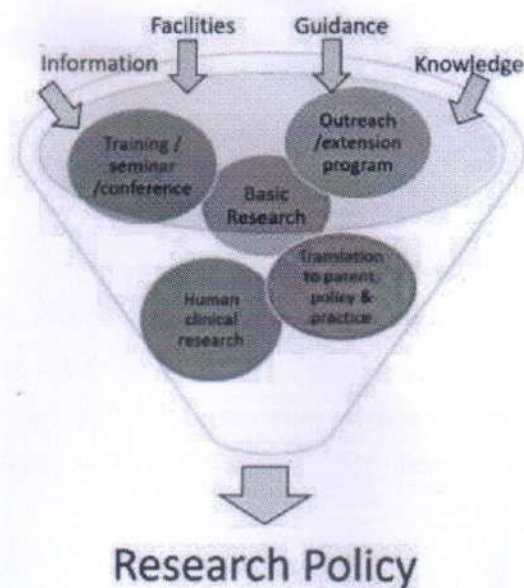




### **Research Promotion Policy**

The progress of the institution depends on its sustained growth of education and research in science and technology. Rapid growth in scientific knowledge is an indication of quest for discovery and has an impact on economic and societal development. MGMIHS ensures that all the core and inter disciplines flourish in research by adopting the highest norms and standards of a scholarly undertaking.

Research and developmental activities creates and disseminates new knowledge in range of fields, promotes innovation and these will motivate better learning and teaching among faculties and students of our Institute as these are often incorporated in the courses. Research is the foundation of knowledge that brings new energy, builds state of the art facilities, promotes research publications, develops collaborations and becomes part of active community that shares the mission objectives. Scientific research endeavors carried out by MGMIHS faculty, staff, students, post-doctoral fellows, scholars, scientists and other employees is governed by policies and procedures that include, but not limited to, standards of conduct; conflict of interest and commitment; intellectual property; sponsored research



## PURPOSE

The purpose of the Research Policy is to create inductive and favorable atmosphere of research among faculty and researchers in MGMIHS. The policy shall serve as an overall framework within which research activities may be carried out.

## SCOPE

The research policy implementable in all campuses of MGMIHS.

## OBJECTIVES

- To create an enabling environment within the Institute in order to foster a research culture as well as provide required support through research framework and guidelines.
- To ensure high level of efficient and effective support system to facilitate faculty and researchers in their research activities.
- Ensure publications in quality journals, indexed in Scopus/Web of Science and/or with impact factor.
- To nurture an environment of undertaking socially useful research with potential for commercialization.
- Establish Research Centers within the Institute with potential for Excellence.

- Forge interdisciplinary collaborations and partnerships with widely nationally and globally.
- To maximize funding support for research through external and internal sources for maximizing research output
- Integrate research activities undertaken by the undergraduate, post-graduate and doctoral students with the research focus of the Institute in alignment with the national thrust areas
- Protection of intellectual property (IP)/copyrights/designs generated as a result of research conducted at MGMIHS
- Encourage and facilitate research collaborations within different Institutes of the University along with reputed Institutes, Universities and Research Organizations both in India and abroad

**R&D is organized into six categories:**

- I. Academic Research**
- II. Sponsored Research**
- III. Extension and Extramural**
- IV. Excellent Centers**
- V. Consultancy**
- VI. IPR & copyright**

We have developed various policies and resources to promote and support these high standards and commit to ensuring that our own internal processes and practices help to improve the reproducibility and rigor of the research which we fund.

Each research area is monitored by Research Directorate. The R&D board is headed by the Vice Chancellor. The Research Board takes all strategic decisions, corrective actions, preparing, updating policies as per the UGC norms.

## **POLICY FOR PROMOTION OF RESEARCH**

### **I. Research Infrastructure:**



It is necessary that a state-of-the-art research facilities is developed, maintained and continuously upgraded to enable and facilitate recent trend research for generation of new knowledge, products, tools and technologies.

## **II. Generation and Utilization of Funding Resources for Research**

All faculty members are expected to apply for funding from external sources to support research activities. In exceptional cases, Institute may provide financial support/ seed money for testing feasibility of new ideas/concepts and/or potential conversion of research ideas/concepts into products/technology for economic and/or societal benefits. Below mentioned procedure to be followed:

- The applications should be submitted in duplicate copies to research cell and ethical committee.
- The scientific/ethical committee will meet every three months for approval of these proposals.
- For research grant/seed money faculty should submit the research proposal as per guidelines along with application for grant in prescribed format. **Annexure 1.**
- After presentation before scientific/ethical committee and approval faculty will receive the grant approval. **Annexure 2**
- The funds will be released in six monthly installments after submission of progress reports. The first installment will be released along with sanction letter. **Annexure 3**
- At the completion of the project, the final report along with utilization certificate should be sent in the prescribed format not later than three months of completion of project. 10% grant would be withheld for release after receipt of the final report. **Annexure 4**
- The grants will be given to the departments for organizing conference/workshop after submitting application in prescribed format and approval by authorities. **Annexure 5**
- For conference/workshop organized by college alone, the departments will be allowed to use the infrastructure free of charge.
- For conference/workshop organized jointly with other associations, 50% concession will be given for using infrastructure.
- Faculty presenting poster/paper in conference will be given registration fees after submitting application and attaching the proofs. **Annexure 6**

- Faculty will get the allowance for maximum two conferences/workshops in a year (one national and one state)
- **Resolution no 3.4 in BOM 33/2014 dtd 17.01.2014**

### **III. Utilization and Dissemination of Research Outcomes:**

While it is important to create a research-friendly environment and encourage all forms of research (basic, directed and applied) at all levels(students, faculty and staff) in various domains (Medical/Physiotherapy/Nursing/Biomedical Sciences, etc ), it is equally important to optimally utilize and disseminate research outcomes to enhance the research profile of the Institute, both at national and global levels. This may include

- Protection of Intellectual Property (IP) generated as an outcome of research, and conversion of the same for commercial benefit and/or societal use under the Institute guidelines as detailed separately in the Policy for Intellectual Property Research Policy.  
**Resolution no. 4.14 of BOM 53/2018 dtd 19.05.2018**
- Publication for peer-reviewed Articles:
- To publicize the research outcomes and gain recognition among peers for the quality of research being undertaken at the Institute in time with the Publication Guidelines. Publication of popular articles to highlight the research outcomes and their potential benefits and to create awareness among the common public of India and abroad following the Institute Policy for Publication of Research.
- Presentation of Research Findings at Symposia/Conferences and similar forums for sharing research outcomes, inviting comments and suggestions from peers in related fields, and forging collaborations with eminent researchers outside the Institute, following the guidelines as detailed in the University Policy for Publication of Research.  
**(Resolution no. 3.4b BOM 39/2015 dtd 24.02.2015)**
- Publication of Monographs/Books/Book Chapters for compiling advances in a specific area of research and its dissemination to specific target audiences. Management has resolved to strengthen the research work and to encourage all faculties to publish in journals which are indexed in Scopus and PubMed. **(Resolution no. 4.12 of BOM 53/2018 dtd 19.05.2018)**



**IV. Incentives for outstanding research**—Research Incentive Schemes It is important for a progressive University to motivate member of the faculty to publish regularly, innovate and to effect patentable work. Also a progressive improvement in the quality of publications and scale / shade of innovation is essential in a world of competition and ranking framework. Providing incentives to improve research performance and stimulate faculty members into continued research pursuits and attract quality employees are valued by employees / stakeholders. For this purpose, outstanding research contribution done by faculty, researcher and research scholar is recognized and the institute provides incentive to faculty, researcher and scholars. ( **Resolution no. 7 of BOM 52/2018 dtd 13.01.2018, Resolution no. 9 of BOM 54/2018 dtd. 30.07.2018 and Resolution no. 16 of BOM 55/2018 dtd 27.11.2018**)

The incentives are identified as under

- A) incentive in terms of financial support
- B) Monetary rewards to faculty writing text book, chapters
  - Short books/mongraphs – Rs. 50,000/-
  - Chapter in a book – Rs. 10,000/- per chapter
  - Standard text book – Rs. 1,00,000/- per book
- C) Provide incentive of Rs. 10,000 per paper published as first author in PubMed/Scopus/Indexed journal.
- D) Incentive given for best scientific paper
  - Rs. 25,000/- for faculties,
  - Rs. 15,000/- for PG/ PhD scholar
  - Rs. 10,000/- for UG student
- E) incentives in terms of additional salary increment
- F) incentives in terms of career advancement / promotion
- G) incentives in terms of certificate of recognition / commendation certificate with cash award
- H) Incentive in terms of funding seed money for carrying out pilot studies.
- I) incentives in terms of funding for ongoing research
- J) The Institute may also consider allocating reduced Academic work load to a faculty member handling more than one extramural major research project.

- V. **To provide encouragement for faculty doing Ph.D.:** Faculty members are encouraged to pursue the PhD and incentive is given in the form of concession in the tuition fees and relief from MGMIHS CET. (**Resolution 7.2 BOM 33/2014 dtd 17.01.2014**)
- VI. **Promotion in career advancement on submission of PhD thesis:** Faculty member of any department will be promoted/salary increment on submission of PhD thesis provided he satisfies other requirements as and when formulated
- VII. **Full –Time Ph.D. Programme:** Every year fulltime scholars will be taken to pursue Ph.D. in the college under MGMIHS, based on entrance. Following policy will be adopted. Selected candidates will be paid a stipend of Rs.10,000 per month for 3 years on case to case basis as recommended by the Guide approved by the management. In exceptional cases based on the recommendation of the guide, duration shall be extended by one year.
- VIII. **Financial support for patents:** Any faculty desirous of applying for Indian patent will be given full financial support. However, the license will be held jointly in the name of the inventor and the Institution.
- IX. **Sabbatical/ duty leave-** Study leave/sabbatical leave is granted to an employee to pursue higher studies with a guarantee to resume them in job on completion of the leave. Such leaves are granted to an employee in accordance with company policies and may be paid or unpaid sabbatical leave. The sabbatical leave would be exclusively for scientific or academic work at any relevant institution in India or abroad. The facility of sabbatical leave may be extended to include work on other activities of the innovation chain with industry, consultancy organizations, financial institutions, project engineering firms, technology marketing/transfer agencies, etc. The Rule provides for grant of study leave with or without wages at discretion of the employer. The study leave or duty leave will be granted to participate and present the research papers in conferences, field visits, industrial visits, research laboratories, libraries etc.
- X. **Procurement of resources** like equipment, research journals, softwares, etc. MGMIHS encourages and supports its researchers to undertake sponsored research and



consultancy projects from external funding agencies. The Institute provides specialized administrative, institutional and infrastructural support in managing of sponsored research.

- XI. **Student research project funding:** Institute offers assistance to students for summer training/mini-projects/dissertation projects conducted within its constituent institutions. Bachelors and Masters Students can seek help from respective faculty members for mini-projects/dissertation only in the final semester and for summer training during the vacation period of any semester. As our institute is a self-financing institute, in order to promote research at the institute, our students and faculties are provided seed money in the form of concessional charges for utilizing specialized facilities/test in-house MGMIHS encourages its students to apply and appear for reputed fellowship/research programs of DST, DBT, CSIR, ICMR etc.
- XII. **Facilitation for submitting the research project to funding agency and consultancy:** MGMIHS encourages researchers to apply for extra-mural research grant to various national and international funding agencies as well as private industries to undertake interdisciplinary collaborative national and international research/consultancy projects. Institute also provides seed money as internal funding facility to its academic staff members. The policy on consultancy is separately notified by the institute.

**Dedicated research centres:** The Institute would like to create an environment for each department and an institution where they work in a specific research area and be known as a specialist organization. This will conduce to focus on specific research activities in the specialized areas. Strengthen infrastructure in niche areas and evolve as centers of excellence. Some of the areas include cellular and molecular biology, regenerative medicine, herbal drugs, sustainable rural health, nanotechnology, and translational and clinical research.

The management suggested the establishment of “MGMIHS Incubation and Innovation Centre” (MGMIHS-IIC) center to promote interdisciplinary and multi-disciplinary research at MGMIHS at both campus. **(Resolution no. 6 BOM 52/2018 dtd 13.01.2018)** . The centre was inaugurated on **18<sup>th</sup> March 2018** as per the directives of

Ministry of Human Resource Development (MHRD), Govt. of India. MGMIHS was registered under **Institutions Innovation Council (IIC) in the year 2018-19** to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). This Centre focuses upon unmet needs and imparts thrust to innovation and fulfils the needs of building Entrepreneurial mindset among various stakeholders including students and faculty members.

### **XIII. Budget allocation for Research & Development**

Institute follows a budgeting process. Heads of all constituent Units submit their fund requirements for all ongoing as well as new requirements (w.r.t. budget provisions to procure necessary equipment for experimental projects, travel support for faculty attending conferences, internal funding, subscribe research journals up to date to strengthen the library, reference books and text books & journals and towards research expenditure) of their respective Units in the preceding year.

Such information from all the constituent Units is compiled and a feasible budget for all item heads for each unit is worked out. While finalizing the budget, the following inputs are taken into account:

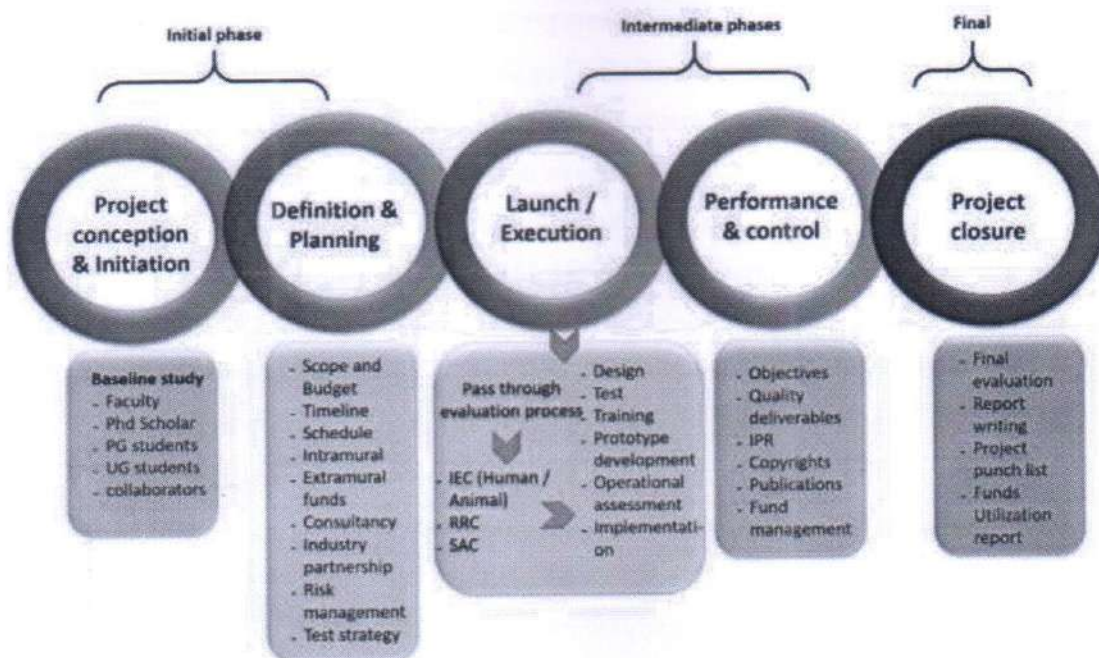
- Likely cash inflow from Govt and non-Govt funding, consultancy, alumni funding, sponsorships / grants, bank & deposit interests etc.
- Provision is made for IPRs and Copy Rights in the budget.
- Cash outflow based on already running academic programs, new capital requirements viz. civil works, instruments / equipment, books & journals, etc., enhancement in academic and administrative expenditures, maintenance, depreciation, etc., repayment of running loans, interest etc.
- If there is a deficit due to difference between cash inflow and out flow, the Finance Committee discuss various options to meet the fund deficit,
- The budget is then recommended to the Board of Management for its approval.
- The BOM then deliberate upon and approve the Budget.



### Monitoring

The implementation and deviations from the planned budgets at all levels will be monitored at the level of Heads, Deans, Registrar, Finance Officer, Registrar and VC and discussed at the FC and BoM. VC may call periodic meetings of all concerned to monitor the progress and issue suitable instructions. Any major corrective measure will be applied after approval of the BOM, if required.

### Flow Chart for Research/Project, Budget Assigned & Its Utilization For Implementation And Monitoring



#### XIV. Other benefits

- Faculty members are provided financial support for filing of patents/copyrights, by the institute.
- Financial support to students for participating in prestigious research competitions.
- Financial support for invited subject experts in the field of research.
- The faculties are encouraged and assisted to undertake the research projects from the National and International funding agency like UGC, DBT, BRNS, DST, SERB, etc



- Institution has an entrepreneurship development cell, industry institute interaction cell that encourage forging a relationship between the industry and the institution. Individual department interacts with industry to ascertain its needs to fill the gap in the respective field of research.
- The gap is filled by arranging workshops/conference addressed by industry personals.
- Industry institution relationship works in the following areas: Industrial, field visits for students and faculties.
- Consultancy and sponsored projects will be considered as per the consultancy policy.
- Project conceived by the students are used as case study in few industry. Expert lectures by industry personals for students.
- Chemicals/consumable items required for research work for our students and faculties are provided under the category of seed money.
- Chemicals/consumable items required for research work for our students and faculties are provided under the category of seed money for the project of MGMIHS incubation and innovation (**Resolution no. 16 of BOM 55/2018 dtd 27.11.2018**)
- Charges for specialized investigations for which facilities do not exist in the host institute
- Publication charges/ reprints/ off-prints of research papers published as an outcome of the research.
- Establish policies on innovation, patent, academic integrity and commercialization of technology through consultancy.
- Allocate resources and incentivize research that will attract distinguished faculty and research scholars to develop a culture of research and help achieve national and international recognitions by getting highly acclaimed awards.
- Establish Chairs and fellowships that can help nurture research at the Institute and its constituent colleges.
- Comply with all legislative framework associated with conduct of research in ethical manner by following required processes and guidelines provided by the Institute and other agencies from time to time.
- To enhance quality research output, student mentorship/internship shall be facilitated to encourage undergraduate/postgraduate students to pursue research activities leading to tangible output.

- The institute shall assist the faculty member / research teams in mustering support from Venture Capitalists / Angel Financiers in taking the IPR assets into start-ups, further scale up actions and securing royalty.

## **Annexure 1**

### **FORMAT FOR SUBMITTING RESEARCH PROPOSAL**

1. **Title of the project** should be clearly spelt out having maximum 25 words.
2. **Objectives**
3. **Background/Rationale** - Summary of the proposed research (Maximum 250 words) indicating overall aims of the research and importance of the research proposal.
4. **Present knowledge and relevant bibliography** including full titles of articles relating to the project.
5. **Description of the project:** Maximum 700 words. This will include the design of study, indicating the total number of cases/samples to be studied, the mode of selection of subjects specially, equipment and other materials to be used, outcome measures, techniques to be employed for evaluating the results including statistical methods, budget etc.



**Annexure 2**

**APPLICATION FOR RESEARCH GRANT**

**Name of Principal Investigator-**

**Title of the project-**

**Name of Department-**

**Designation-**

**E-mail address-**

**Mobile-**

**Name of co-investigator/s-**

<b>Sr. No.</b>	<b>Name of co-investigator</b>	<b>Designation</b>	<b>Department</b>

**List of important publications of last 5 years of the all the investigators in the relevant fields**

Duration of project-

SAC Clearance of ethical committee- Yes/No

Budget requirements (with detailed break-up and full justification):

(i) Staff

(ii) Contingencies-

Recurring

Non-recurring (equipment)

(iii) Travel

(iv) Miscellaneous charges-

Signature

Principal Investigator

Head of Department

### **Annexure 3**

#### **RESEARCH PROGRESS REPORT**

1. Research Project title
2. Principal Investigator (name)
3. Co-investigators (name)
4. Date
5. Duration
6. Objectives of the proposal
7. Methodology
8. Interim modification of objectives/methodology (with justifications)
9. Summary on progress (during the period of report)
10. Applied value of the project
11. Research work which remains to be done under the project
12. Any publications.
13. Any patents applied for
14. If additional budget or staff is required for the remaining part of the research work, please give justifications and details.

Date:

Signature

Designation

**Annexure 4**

**FORMAT FOR UTILISATION CERTIFICATE**

(ANNUAL/FINAL)

Certified that out of Rs \_\_\_\_\_ of grants-in-aid sanctioned during the year \_\_\_\_\_ in favor of \_\_\_\_\_ under Letter No \_\_\_\_\_, a sum of Rs \_\_\_\_\_ has been utilized for the purpose of \_\_\_\_\_ for which it was sanctioned and that the balance of Rs . \_\_\_\_\_ remaining un-utilized at the end of the year has been surrendered to Institution (vide cheque No \_\_\_\_\_ Dated \_\_\_\_\_)

Signature

Signature

Principal Investigator

Accounts Officer



Annexure 5

**APPLICATION FOR GRANTS SEED MONEY FOR ORGANIZING  
CONFERENCE/WORKSHOP**

Name of Department-

Title of seminar/conference/workshop-

Type – Local/State/National/International

Date- \_\_\_\_\_ to \_\_\_\_\_

Duration- Days

Approximate no. of delegate's attending-

Name of Chairperson-

Designation-

Mobile-

Name of Organizing Secretary-

Designation-

Mobile-

Grant requested/ seed money-

The Organizing Secretary would have to submit a brief summary of scientific activity  
& copy of proceedings report within a period of three months

Name of the authority in whose favor payment of grant is to be released.

**Signature of  
Organizing Secretary**

**Signature of  
Organizing Chairperson**

---

For office use

Approved/Not approved  
Grant sanctioned-

Signature

## Annexure 6

### FINANCIAL SUPPORT TO PARTICIPATE IN CONFERENCE OR WORKSHOP

1. Name and designation of applicant:
2. Name of conference / workshop, venue, dates and the parent professional organization:
3. Your role in conference or workshop: (Chair a session/present a paper/ attend as a delegate only)
4. Title of paper to be presented (Pl attach copy of abstract):
5. Whether the abstract has been accepted (Yes/No): If Yes, Please attach copy of such communication.
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We, the authors of the above mentioned abstract declare that the information provided above is true. We undertake the responsibility for integrity of the data presented. We also declare that the study reported has been carried out as per the Institutional Ethics Committee Guidelines. We also declare that no faculty member or scientist who has made significant contribution to the work included in this abstract has manuscript has been left out or denied authorship or acknowledgement, as the case may be.

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