



CERTIFICATE

Institution Innovation Council (IIC) established at

MGM Institute of Health Sciences, Navi Mumbai, Navi Mumbai

had undertaken various activities prescribed by Innovation Cell, Ministry of HRD, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2018-19.

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Shri. R. Subrahmanyam
Secretary, MHRD

Dr. Abhay Jere
CIO, MHRD, Innovation Cell



APPLICATION FORM FOR ADMISSION
TO
MGMIHS INCUBATION AND INNOVATION CENTRE

Doc. No.	MGM IIC/06
Rev. No.	01
Date	09/08/18
Page	1 of 3

1. COMPANY INFORMATION

- a. Name of Organization : MGM Analyticals - Affordable technology
- b. Address : Department of Medical Biotechnology,
MGM SBS, Kamothe, Navi Mumbai
410209
- c. Nature of Organization : Company LLP Partnership/Proprietorship
- d. CIN/ LLPIn/ Registration No. : Registration under process
- e. Name of Promoters/ Directors : ① Dr. Mansee Thakur
② Mr. Yogesh Patil
③ Dr. Himanshu Gupta ④ Miss. Shaila Kotkar
- f. Nature of Business/ Domain : Manufacturing and Service Other
(If other then Please Specify)

2. APPLICANT INFORMATION

- a. Applicant Name : Dr. Mansee Thakur
- b. Address : Department of Medical Biotechnology,
MGM SBS, Kamothe, Navi Mumbai, 410209
- c. Educational Qualification : Phd: Biotechnology
- d. Email : mansibiotech79@gmail.com
- e. Contact No. : 9769909212
- f. Current Professional or Emp. Status : Prof and Head, Dept. of Biotechnology

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

We are going to design, develop and manufacture; Portable Biosafety
cabinet at low cost.

Specify the innovation/ technology in your products/services:

we are going to build low cost portable biological safety cabinet
which has semi-automatic sample handling components which can
be serve as novel component for our invention.

Does your company require any Governmental or regulatory approvals?

Not in developmental and manufacturing phase but may be
require in deployment phase.

Dr. Rajesh B. Gool
Registrar

What market demands your product/ services fulfil (end Usages)?

It will serve as low cost infectious sample handling unit at rural setup, where existing devices fail to operate due to their limitations.

Details of your prospective customers:

Diagnostic labs, Research labs, Higher educational Institutes at rural and urban setup.

Details of market research activities for the product/ service made by you:

Biological safety is the most challenging task for healthcare industry at rural setup hence we are manufacturing low cost biosafety cabinet for PHC at rural setup.

Details of your major competitors:

As there are existing manufacturers in and outside the country for development and manufacturing of biosafety cabinet so they will serve as major competitors.

What are your competitive advantages?

Low cost, portability, portable and affordable features of our products will give a major advantage to our product.

What are your products/ services promotion strategies?

Short movies and posters will be created regarding importance and salient features of our product for awareness of end users.

How will distribute your products?

We will develop a network of distributors and vendors for distribution of our products.

Highlight the expertise that will be utilize during incubation?

Engineering designs, material management, validation and testing of device.

What is the source of your major raw materials (If needed)?

- Nil -

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

The business plan is attached with this application in the form of annexure.

What sales volume and time is required for breakeven?

Sales volume = 50 units in a span of 3 years

Indicate your investment requirements and source of finance?

Investment requirement - 20 Lakhs, source of finance - we will approach to various angel investors and government agencies.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

2 mechanical engineers, 1 Research assistant, 1 design engineer and 2 labours on daily basis.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

workshop for manufacturing, calibration, testing and validation

Indicate special requirements from Incubation Centre; facility, etc. if required.

Expert for simulation of airflow pattern, designing of the device and its validation.

Specify requirement of Mentoring and other professional services/ support:

Mentor ~~for~~ in the field of deployment of the device

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

By exploring manufacturing, testing, validation and IPR cell our product will be shaped on right track.

If accepted as an incubate, when would you want to start occupancy in the TIC?

within a span of 20 days

P.S. While filling this questionnaire, extra pages may be used wherever necessary.

*Please enclose CV/CVs of all the promoter.

DECLARATION:

I, Mansee Thakur, here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 09/08/2018
Kamothe

Signature of the applicant

Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.

Date and Place 09/08/2018
Kamothe


Contact No. 9769909212

Sign with Seal

Dr. Rajesh B. Goel

Registrar

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

	APPLICATION FORM FOR ADMISSION TO MGMIHS INCUBATION AND INNOVATION CENTRE	Doc. No.	MGMIHS/09
		Rev. No.	01
		Date	09/08/18
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1. COMPANY INFORMATION

- a. Name of Organization : "MGM O & P CARE"
- b. Address : Department of Prosthetics and Orthotics,
MGMIUDPO, Sector-1, Kamothe, Navi Mumbai-
410209
- c. Nature of Organization : Company
- d. CIN/ LLPIn/ Registration No. : Registration under progress
- e. Name of Promoters/ Directors : Dr. Uttara Deshmukh (P&O)
- f. Nature of Business/ Domain : Manufacturing
(If other then Please Specify)

2. APPLICANT INFORMATION

- a. Applicant Name : Dr. Uttara Deshmukh (P&O)
- b. Address : Department of Prosthetics and Orthotics,
MGMIUDPO, Sector-1, Kamothe, Navi Mumbai-
410209
- c. Educational Qualification : Masters in Prosthetics and Orthotics (MPO)
- d. Email : uttara.deshmukh2010@gmail.com
- e. Contact No. : 8888863363
- f. Current Professional or Emp. Status : I/C Head of Department

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

We are aiming to fabricate a specially designed Tone Reducing Ankle Foot Orthosis for Cerebral Palsy patients.

Specify the innovation/ technology in your products/services:

Modified design of ankle foot orthosis by utilizing special method for acquiring tone reducing effect in Cerebral Palsy patients.

Does your company require any Governmental or regulatory approvals?

Not required.



Dr. Rajesh B. Goel
Registrar
MGM Institute of Health Sciences
(Deemed University u/s 3 of UGC Act 1956)
Navi Mumbai-410 209

What market demands your product/ services fulfil (end Usages)?

Fabrication of Tone Reducing Ankle Foot Orthosis at low cost will fulfil the need of specially required orthoses for the patients with Cerebral Palsy also beneficial for teaching & research purpose.

Details of your prospective customers:

Neurology Department, Physiotherapy Department, Occupational Therapy Department, Pediatric Department, etc.

Details of market research activities for the product/ service made by you:

Contacted with various manufacturers and private practitioners and compared their prices and also done assessments for using the same with various patients and taken their feedback.

Details of your major competitors:

Private practitioners, Private companies but the cost is very high & Educational Institute in Maharashtra but the quality is very poor.

What are your competitive advantages?

We are fabricating the Tone Reducing Ankle Foot Orthosis which will help the Cerebral Palsy patients with special effect with reasonable cost as compared to private practitioners & private companies and with better quality as compared to Educational Institutes.

What are your products/ services promotion strategies?

We will spread awareness of our product by fitting it to various patients in MGM Hospital and through multi-diagnostic camps also by teaching to the students of other departments like PG Orthopaedics & Bachelors in Physiotherapy (BPT) students.

How will distribute your products?

We will channelize the distribution of our products through fitting to patients in MGM Hospital as well as camps.

Highlight the expertise that will be utilize during incubation?

What is the source of your major raw materials (If needed)?

Polymer Industry will provide us raw materials specially Polypropylene sheets and Tamarack Joints. The remaining raw material like ethaflex and Velcro straps can be received from local market.

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

Business plan is attached with this application in the form of annexure.

What sales volume and time is required for breakeven?

Sale volume approximately 50 orthoses in span of 2 years.

Indicate your investment requirements and source of finance?

Initial Investment of Rs. 2,00,000/- source will be self funded or from patients.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

1 Orthotist & Prosthetist and 2 Technicians.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

Fabrication & manufacturing Prosthetics & Orthotics Lab with functional workshop along with one PC.

Indicate special requirements from Incubation Centre; facility, etc. if required.

Funds for financial support.

Specify requirement of Mentoring and other professional services/ support:

Experts in field of Engineering Workshop Management.

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

MGMIHS IIC has panel of experts in the field of Prosthetics & Orthotics. They will serve as great source of knowledge for taking project ahead.

If accepted as an incubate, when would you want to start occupancy in the TIC?

Within 3 months of acceptance of proposal.

P.S. While filling this questionnaire, extra pages may be used wherever necessary.

•Please enclose CV/CVs of all the promoter.

DECLARATION:

I, Dr. Uttara Deshmukh (P&O) here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 09/08/18
Kamothe

Signature



Recommendations of the forwarding organization (If Any):


Has the application been screened and evaluated at local level? Give details.

Date and Place 09/08/18
Contact No. Kamothe.

Sign with Seal

Dr. Rajesh B. Goel
Registrar

MGM Institute of Technology & Sciences
(Deemed University as per UGC Act, 1956)
Navi Mumbai- 410 209

	APPLICATION FORM FOR ADMISSION TO MGMIHS INCUBATION AND INNOVATION CENTRE	Doc. No.	M4MTIC/02
		Rev. No.	01
		Date	08/01/16
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1. COMPANY INFORMATION

- a. Name of Organization : **"Cardiopulmonary Fitness Testing System",**
MGM Centre of Human Movement Science
- b. Address : MGM Centre of Human Movement Science
MGM Super Specialty Hospital,
Sector 30, Plot 46, Vashi
Navi-Mumbai- 400706.
- c. Nature of Organization : Company
- d. CIN/ LLPIn/ Registration No. : In process
- e. Name of Promoters/ Directors : Dr. Bela Agarwal (PT), Dr Rajani Mullerpatan
- f. Nature of Business/ Domain : Service
(If other then Please Specify)

2. APPLICANT INFORMATION

- a. Applicant Name : Dr. Bela Agarwal (PT)
- b. Address : MGM Centre of Human Movement Science
MGM Super-specialty Hospital,
Sector 30, Plot 46, Vashi
Navi-Mumbai- 400706.
- c. Educational Qualification : M.Sc(PT)
- d. Email : belaagarwal@gmail.com
- e. Contact No. : 9819000674
- f. Current Professional or Emp. Status : Professor
MGM School of Physiotherapy,
Sector 1, Kamothe
Navi Mumbai

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

The product is bi-fold that includes field base fitness testing which will be used for mass screening and advance lab based fitness testing which will be diagnostic in nature. The cardio-respiratory endurance measurement system is non-invasive and indirect measure, permitting evaluation of sub-maximal and maximal exercise performance. It involves measurements of peak oxygen uptake i.e.VO₂, minute ventilation, heart rate, respiratory frequency and energy expenditure. Other fitness measures involve clinical tests for evaluating muscle flexibility, strength, endurance, anthropometry and pulmonary function test.

Specify the innovation/ technology in your products/services:



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

The innovative feature of Cardiopulmonary Fitness Testing system at MGM Centre of Human Movement Science is-

- i) Comprehensive analysis of fitness which provides integrated information on field based and lab based tests plotted against normative reference ranges generated exclusively for Indian paediatric, adult and geriatric population.
- ii) VO₂ at maximal exercise (peak VO₂) is considered the best index of aerobic capacity and cardio-respiratory function. It is a sensitive measure which can be used to evaluate cardio-respiratory function in health and disease. Cardio-pulmonary fitness testing is used for prognostic or risk assessment in patients with known coronary artery disease, evaluation of exercise capacity in people with chronic respiratory insufficiency and to evaluate exercise capacity and predict outcome in patients with heart failure and other cardiac conditions, undiagnosed exercise intolerance.

Does your company require any Governmental or regulatory approvals? NO

What market demands your product/ services fulfil (end Usages)?

The two broad sectors of market for our product are –Diagnostic Testing, Therapeutic Rehabilitation-Performance Enhancement.

Annual health check-up: It can be implemented in the annual health check up plan in MNC'S, Government and Non-Government Institutes and Schools to monitor cardiopulmonary fitness to enhance quality of life by enhancing level of structured physical activity. Cardiopulmonary exercise testing is a useful tool for assessment of functional capacity of people with cardiovascular and pulmonary disease. It provides an integrative response of the pulmonary, cardiovascular and musculoskeletal system, to exercise. Measurement of individual system function does not provide an overview of functional capacity which becomes possible through CPET.

Diagnostic testing market: It includes applications to investigate cardiopulmonary fitness movement and guide clinicians to plan treatment.

Therapeutic Rehabilitation or Performance Enhancement sector: Includes a wide range of applications in people with cardiac, respiratory, neurological disorders for e.g. cerebral palsy, stroke, etc; orthopaedic conditions for e.g. osteoarthritis, foot injuries, sports injuries, etc for planning surgical and non-surgical interventions to return the patient to function and enhance performance includes applications in sports training, dance training and mass surveillance to screen people for likely movement disorders.

Details of your prospective customers:

Prospective customers will include patients with disorders listed below and referring clinicians listed below:

Patients:

Assessing contribution of cardiac and pulmonary aetiology in coexisting disease, patients with cardiovascular disease such as ischemic heart disease, heart failure, cardiac transplantation, pacemakers for exercise prescription and monitoring response to exercise training for cardiac and pulmonary rehabilitation, evaluation of patients with respiratory diseases such as Chronic obstructive pulmonary disease, Interstitial lung diseases, gas exchange abnormalities, Cystic fibrosis, Preoperative evaluation - Lung resection surgery, Elderly patients undergoing major abdominal surgery, Evaluation for impairment-disability, Evaluation of functional capacity in sports persons and General Annual Health Check-up.

Clinicians:

Surgeons, Physiotherapists, Physicians, Biomedical and Mechanical Engineers.

Details of market research activities for the product/ service made by you:

Currently, stress testing is the protocol to assess cardiopulmonary insufficiency. Ours will be the only centre to provide comprehensive cardiopulmonary fitness assessment with field and lab based test under one roof at an affordable rate.

The field test along with such high end objective assessment helps the clinicians to correlate and help clinical decision making. The references used to correlate field test is self-generated at our Centre for Indian population (paediatric, adults and geriatric), thus helping in better understanding of the fitness pertaining to our population.

Details of your major competitors:

None of the centres in Mumbai provide comprehensive cardiopulmonary fitness testing (field and lab based testing)

The current centres provide cardiopulmonary efficiency data based on ECG and stress testing reports.

What are your competitive advantages?

- Comprehensive analysis of Cardiopulmonary fitness
- Report generated with Indian reference ranges
- Low cost

What are your products/ services promotion strategies?

Our products include detailed report of Cardiopulmonary fitness testing based on field and lab based tests .

Service promotion strategies:

- Conduct interactive seminars for Surgeons, Physiotherapists, Physicians, Biomedical and Mechanical Engineers.
- Active Website
- Brochures
- Conference presentations

Training workshops

- Contact all Surgeons, Physiotherapists, Physicians, Biomedical and Mechanical Engineers.

and conduct workshop for Cardiopulmonary fitness testing.

How will distribute your products/services?

Brochures; Website

Highlight the expertise that will be utilize during incubation?

Expertise in assessment and reporting of cardiopulmonary fitness of our faculty at MGMIHS will be utilized to incubate the project

What is the source of your major raw materials (If needed)?

None

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

Approximate budget of 8 lakh which will reach a breakeven point in 3 years

What sales volume and time is required for breakeven?

3 years

Indicate your investment requirements and source of finance?

MGMHS and application for Extramural funding will be done.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

- Team of MGMCHMS includes a Physiotherapist with 3 years' experience for clinical evaluation and data collection.
- Physiotherapist with expertise in cardiopulmonary rehabilitation reporting and analysis.
- Biomedical Engineer for trouble shooting.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

Centre will need a space 10 ft long* 10ft wide* 13 ft High; 1 PC

Indicate special requirements from Incubation Centre; facility, etc. if required.

Fitmate Pro (Cosmed, Italy) machine along with heart rate monitor and treadmill, Pony Pulmonary Function Testing (Cosmed, Italy), GMON Pro- Tanita (GmbH, Germany).

Specify requirement of Mentoring and other professional services/ support:

Trouble shooting and maintenance of equipment

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

Marketing and access to other organisations and Doctors who will benefit from the services

If accepted as an incubate, when would you want to start occupancy in the TIC?

From May 2016

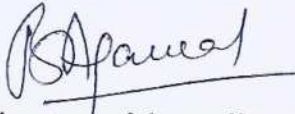
P.S. While filling this questionnaire, extra pages may be used wherever necessary.

***Please enclose CV/CVs of all the promoter.**

DECLARATION:

I, Dr. Bela Agarwal (PT), here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 08/01/2016
Kamothe


Signature of the applicant


Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.

Date and Place 08/01/16
Contact No. Kamothe .


Sign with Seal



	APPLICATION FORM FOR ADMISSION TO MGMIHS INCUBATION AND INNOVATION CENTRE	Doc. No.	MGMISC/01
		Rev. No.	01
		Date	14/10/15
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1. COMPANY INFORMATION

- a. Name of Organization : Gait and Full Body Motion Analysis System
MGM Centre of Human Movement Science
- b. Address : MGM Centre of Human Movement Science
MGM Super Specialty Hospital,
Sector 30, Plot 46, Vashi
Navi-Mumbai- 400706.
- c. Nature of Organization : Company
- d. CIN/ LLPIn/ Registration No. : In process
- e. Name of Promoters/ Directors : Dr. Rajani Mullerpatan,
Dr.Bela Agarwal (PT), Dr.Triveni Shetty (PT)
- f. Nature of Business/ Domain : Service
(If other then Please Specify)

2. APPLICANT INFORMATION

- a. Applicant Name : Dr. Rajani Mullerpatan
- b. Address : MGM Centre of Human Movement Science
MGM Super Specialty Hospital,
Sector 30, Plot 46, Vashi
Navi-Mumbai- 400706.
- c. Educational Qualification : PhD
- d. Email : rajani.kanade@gmail.com
- e. Contact No. : _____
- f. Current Professional or Emp. Status : Physiotherapist,
Director of MGM School of Physiotherapy and
MGM Centre of Human Movement Science
Professor in Musculoskeletal Physiotherapy,

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:
MGM CHMS Gait analysis system is equipped with 12 high end 240 fps optical cameras (Vicon, UK) and three force platforms (AMTI, USA), wireless Surface EMG system and Cardio-pulmonary Fitness system to measure kinematics, kinetics, muscle activity and energy cost of human movement. It's a state of art amenities with



Dr. Rajesh B. Goel
Registrar

gold standard equipment for comprehensive objective quantification and detailed targeted evaluation of gait and full body motion.

Specify the innovation/ technology in your products/services:

The innovative feature of Gait & Full Body Motion Analysis system at MGM Centre of Human Movement Science, Gait & Full Body Motion Analysis system is-

- i) Comprehensive analysis of gait which provides integrated information on motion, forces, muscle activity and energy cost plotted against normative reference ranges generated exclusively for Indian paediatric, adult and geriatric population.
- ii) Detailed comprehensive evaluation of a wide range of routinely performed and complex human movements involving the trunk, upper extremity and lower extremity in addition to routine gait evaluation for e.g. sit-to-stand; squat, cross-legged sitting, bowling, smash, running, Yogasanas, Dance postures etc.

VICON Polygon is an integrated visualization and report editing tool enabling quick and easy creation of a gait report. Polygon analyzes trial data that has been created with Vicon motion capture and processing software. It contains modelled data generated by Vicon biomechanical modelling software (such as Plug-in gait, bodybuilder and OLGA).

Electromyography (Wireless Surface EMG) is integrated with system which gives a details muscle activation during gait

AMTI biomechanics force platforms are designed to measure forces, moments and are sensitive to accelerations as well. Force plates can be used individually or arranged in a walkway format to collect multiple footfalls.

Does your company require any Governmental or regulatory approvals?
NO

What market demands your product/ services fulfil (end Usages)?
The two broad sectors of market for our product are –Diagnostic Testing, Therapeutic Rehabilitation-Performance Enhancement and Prophylaxis or Prevention.

Diagnostic testing market includes applications to investigate movement disorder and guide clinicians to plan treatment. **Instrumented Gait analysis has the potential to offer objective and unbiased gait information that can assist clinical decision-making.** Motion analysis can be used to guide clinical decision making for surgical and non-surgical interventions such as tendon transfers, bony corrections, soft tissue corrections, Replacement surgeries, post- stroke.

Prophylactic or Prevention sector includes applications in sports training, dance training and mass surveillance to screen people for likely movement disorders.

Therapeutic Rehabilitation or Performance Enhancement sector includes a wide range of applications in people with neurological disorders for e.g. cerebral palsy, stroke, etc; orthopaedic conditions for e.g. osteoarthritis, foot injuries, sports injuries, etc for planning surgical and non-surgical interventions to return the patient to function and enhance performance of a sports person or a dancer.

Details of your prospective customers:

Prospective customers will include patients with disorders listed below and referring clinicians listed below:

Patients:

Gait analysis of all patients with gait deviations due to Osteoarthritis, Pre and post musculoskeletal surgery (for clinical decision making), Pre & post replacement surgery, neurologically impaired patients, flat feet and other foot condition, diabetic neuropathy patients, cardio respiratory patients for fitness testing, cerebral palsy children, Stroke, cerebellar disorders.

The gait analysis system is also beneficial for sports people with or without injuries and for performance enhancement. It is also used for validation of new technology by Mechanical and Biomedical engineers

Clinicians:

Orthopaedics, Paediatric Orthopaedic, Sports scientist, Neurologist, Pediatric Neurologist, Physiotherapist, Occupational Therapist.

Details of market research activities for the product/ service made by you:

Our centre provides state-of-art clinical including biomechanical assessment along with instrumented gait analysis using 12 camera system and three force plate; whereas the other centres have a 6 to 8 cameras and 1 or 2 force plates. This allows patients with very minimal step length to complete the analysis without losing information. The clinical data along with such high end objective analysis helps the clinicians to correlate and help clinical decision making. The references used to correlate gait data is self-generated at our Centre for Indian population, this helps in better understanding of the deviations pertaining to our population.

Details of your major competitors:

In India, especially in Mumbai there is only one centre **Jupiter Gait analysis Centre** offers service only to paediatric patients therefore rest of the adult condition are neglected which is the need of the hour. The centre has 6 camera system and the cost of analysis is 10, 000 INR. The centre does not offer comprehensive analysis of Gait and reports the finding based on global reference ranges.

What are your competitive advantages?

- Comprehensive analysis with data on motion, forces, muscle activity and energy cost of gait and full body motion
- Report generated with Indian reference ranges
- Low cost

What are your products/ services promotion strategies?

Our products include report of gait analysis and report of full body motion analysis.

Service promotion strategies:

- Conduct interactive seminars for Orthopaedics, Paediatric Orthopaedic, Sports scientist, Neurologist, Paediatric Neurologist, Physiotherapist, Occupational Therapist
- Active website
- Brochures
- Conference presentations

Training workshops

Contact all orthopaedics, paediatricians and students and conduct workshop for Vicon training.

How will distribute your products/services?

Brochures; Website

Highlight the expertise that will be utilize during incubation?

Expertise of clinical Biomechanics of our faculty at MGMIHS will be utilized to incubate the project

What is the source of your major raw materials (If needed)?

None

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, brake event point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

Approximate budget of 1.2 crore which will reach a breakeven point in 5 years

What sales volume and time is required for breakeven?

5 years

Indicate your investment requirements and source of finance?

MGMIHS and application for Extramural funding will be done.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

- Team of MGMCHMS includes a Physiotherapist with 3 years' experience for clinical evaluation and data collection.
- Physiotherapist with expertise in clinical biomechanics and motion analysis testing for analysis and analysis.
- Biomedical Engineer for trouble shooting.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

Gait analysis centre will need a space 92ft long* 23 ft wide* 13 ft High; 1 PC's and 2 laptops

Indicate special requirements from Incubation Centre; facility, etc. if required.

VICON System and Nexus 2.0 and polygon software

Specify requirement of Mentoring and other professional services/ support:

Training on Motion analysis software

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

Marketing and access to other organisations and Doctors who will benefit from the services

If accepted as an incubate, when would you want to start occupancy in the TIC?
From January 2016

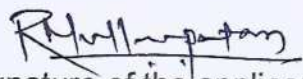
P.S. While filling this questionnaire, extra pages may be used wherever necessary.

*Please enclose CV/CVs of all the promoter.

DECLARATION:

I, **Dr. Rajani Mullerpatan**, here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 14/10/2015
Kamothe.


Signature of the applicant


Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.

Date and Place 14/10/2015
Kamothe.
Contact No.


Sign with Seal



	APPLICATION FORM FOR ADMISSION TO MGMIHS INCUBATION AND INNOVATION CENTRE	Doc. No.	MGM IIC / 07
		Rev. No.	01
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1. COMPANY INFORMATION

- a. Name of Organization : Life Biotech - Technology of Biosciences
- b. Address : Dept. of Medical Biotechnology,
MGM SBS, Kamothe, Navi Mumbai
410209
- c. Nature of Organization : Company LLP Partnership/Proprietorship
- d. CIN/ LLPIn/ Registration No. : [Registration under Process]
- e. Name of Promoters/ Directors : Dr. Himanshu Gupta, Dr. Mansee Thakur,
Mr. Yogesh Patil, Ms. Gargi Chaphekar,
Mr. Ashitosh Shivekar.
- f. Nature of Business/ Domain : Manufacturing Service Other
(If other then Please Specify) _____

2. APPLICANT INFORMATION

- a. Applicant Name : Dr. Himanshu Gupta
- b. Address : Dept. of Medical Biotechnology, MGM SBS
Kamothe, Navi Mumbai 410209
- c. Educational Qualification : Ph.D Medical Genetics.
- d. Email : himanshurg@gmail.com
- e. Contact No. : 9969000051
- f. Current Professional or Emp. Status : Assistant Professor

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

We are going to design, develop and manufacture affordable fish feed.

Specify the innovation/ technology in your products/services:

We are going to develop low-cost agri fish feed using agri and fish waste.

Does your company require any Governmental or regulatory approvals?

Not in development and manufacturing phase but may be
required in deployment phase.

Dr. Rajesh B. Gool
Registrar

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

What market demands your product/ services fulfil (end Usages)?

It will serve as low cost alternative fish feed for fishes developed from waste which will drastically reduce the cost.

Details of your prospective customers:

Aquaculture industries, Aquariums, Farmers (fish-farming)

Details of market research activities for the product/ service made by you:

Our target customers will be from local fish farmers to the aquaculture industries.

Details of your major competitors:

As there are existing manufacturers in and outside of the country for development and manufacture of fish feed; so they will serve as major competitors.

What are your competitive advantages?

Our feed product is low cost as compared to existing fish feed products in the market.

What are your products/ services promotion strategies?

Promotion will be carried out by advertisement and various marketing strategies can be used.

How will distribute your products?

We will search and collaborate with various local and E-vendors.

Highlight the expertise that will be utilize during incubation?

Development, validation and testing of the product will be carried out by exploiting the knowledge of experts available in the centre.

What is the source of your major raw materials (If needed)?

Fish and agro-based waste.

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

The business plan is attached with this application in the form of annexure.

What sales volume and time is required for breakeven?

Sales volume = 2000 kg, in the span of 3 years.

Indicate your investment requirements and source of finance?

Investment requirement = 10 lakh rupees; Source of finance - we will approach to various angel investors.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

1 researcher, 1 animal nutritionist, 3 labours and 1 marketing person.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

Laboratory for formulation, testing and validation of the low-cost fish feed.

Indicate special requirements from Incubation Centre; facility, etc. if required.

Experts in the field of deployment of the product.

Specify requirement of Mentoring and other professional services/ support:

Nil. Mentor in the field of deployment of the fish feed.

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

As MGM IHS TIC is equipped with experts in various domains they will boost and accelerate the process of manufacturing and deployment of the product.

If accepted as an incubate, when would you want to start occupancy in the TIC?

Within a span of 2 months.

P.S. While filling this questionnaire, extra pages may be used wherever necessary.

*Please enclose CV/CVs of all the promoter.

DECLARATION:

I, Dr. Himanshu Gupta, here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 03/01/2019
Kamothe

Himanshu Gupta
Signature of the applicant

Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.


Date and Place 03/01/2019
Kamothe

Contact No. 9969000051

Dr. Rajesh B. Goel
Sign with Seal

Dr. Rajesh B. Goel
Registrar

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

	APPLICATION FORM FOR ADMISSION TO MGMIHS INCUBATION AND INNOVATION CENTRE	Doc. No.	MGMIIC/08
		Rev. No.	01
		Date	05/04/19
		Page	1 of 3

1. COMPANY INFORMATION

- a. Name of Organization : MGM Analyticals - Affordable Technology
- b. Address : Dept. of Medical Biotechnology
MGM SBS, Kamothe,
Navi Mumbai - 410209
- c. Nature of Organization : Company ~~LLP~~ Partnership/Proprietorship
- d. CIN/ LLPIn/ Registration No. : (Registration Under Progress.)
- e. Name of Promoters/ Directors : 1) Mr. Yogesh Pahl
2) Dr. Mansee Thakur
3) Mr. Sarwan Pawar
- f. Nature of Business/ Domain : ☒ Manufacturing ☐ Service ☐ Other
- (If other then Please Specify) _____

2. APPLICANT INFORMATION

- a. Applicant Name : Mr. Yogesh N. Pahl
- b. Address : Department of Med. Biotechnology,
MGM SBS, Kamothe, Navi Mumbai
- c. Educational Qualification : M.Sc. Biotechnology
- d. Email : yogeshrana1712@gmail.com
- e. Contact No. : 9987227503
- f. Current Professional or Emp. Status : Tutor

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

We are aiming to develop low cost
custom built electrophoresis systems.

Specify the innovation/ technology in your products/services:

Simple designs of instruments & utilisation of
low cost components for fabrication of the device.

Does your company require any Governmental or regulatory approvals?

Not required.

What market demands your product/ services fulfil (end Usages)?

Analysis of Biomolecules such as DNA & RNA at low cost will be fulfilled by our product for teaching & research,

Details of your prospective customers: Research & Diagnostic Purpose, Diagnostic labs, Research labs in the field of Biotechnology & pharmaceutical labs etc.

Details of market research activities for the product/ service made by you:

Contacted with various manufacturers & distributors & compared their prices & also performed surveys for end users & their feedback's about our idea.

Details of your major competitors:

Biotechnology equipment manufacturing companies for electrophoresis.

What are your competitive advantages?

We are going to develop low cost electrophoresis system with ease of operation which will serve as a major competitive advantage.

What are your products/ services promotion strategies?

We will spread awareness to our product by approaching to various distributors in the field of Biotechnology equipments by advertising & short videos.

How will distribute your products?

We will channelize our distribution through a Network of vendors.

Highlight the expertise that will be utilize during incubation?

Guidance in the field of designing & manufacturing of the product in order to develop product at low cost.

What is the source of your major raw materials (If needed)?

Polymer industries will provide raw materials specially, Acrylic sheets.

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

Business plan is attached with this Application in the form of annexure.

What sales volume and time is required for breakeven?

Sales volume approximately 200 devices in span of 2 years.

Indicate your investment requirements and source of finance?

Initial investment of 10 lacs. sources will be intreated angel investors in our product.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

One Mechanical Engineer f 2 assistants . one sales person etc.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

fabrication f manufacturing lab with lasercutting instrument.

Indicate special requirements from Incubation Centre; facility, etc. if required.

Not required at initial moment.

Specify requirement of Mentoring and other professional services/ support:

Expert in the field of engineering design f material management will be needed.

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

MGMHS IIC - has pannel of experts in the field of Molecular biology f Engineering field they will serve as

If accepted as an incubate, when would you want to start occupancy in the TIC? a great source of knowledge within 2-months of acceptance of for taking project ahead proposed.

P.S. While filling this questionnaire, extra pages may be used wherever necessary.


*Please enclose CV/CVs of all the promoter.

DECLARATION:

I, Yogesh Patel, here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 05/04/2019

Kamothe


Signature of the applicant

Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.

Date and Place :

Contact No.


Sign with Seal

Dr. Rajesh B. Goel
Registrar

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



**APPLICATION FORM FOR ADMISSION
TO
MGMIHS INCUBATION AND INNOVATION CENTRE**

Doc. No.	MGMIC/04
Rev. No.	01
Date	03/12/17
Page	1 of 3

1. COMPANY INFORMATION

- a. Name of Organization : MGM Biomedicals - Affordable devices.
- b. Address : Dept. Biotechnology, MGM
SBS, Kamothe, Navi Mumbai -
410 2029.
- c. Nature of Organization : Company ~~LLP~~ Partnership/Proprietorship
- d. CIN/ LLPIn/ Registration No. : (Registration under process).
- e. Name of Promoters/ Directors : 1/ Mr. Yogesh Patil,
2/ Dr. Mansee Thakur 3/ Mr. Raj Vashi
4/ Mr. Tarun Parihar.
- f. Nature of Business/ Domain : Manufacturing & Service ~~Other~~
(If other then Please Specify)

2. APPLICANT INFORMATION

- a. Applicant Name : Mr. Yogesh Patil.
- b. Address : Dept. Biotechnology, MGM SBS,
Kamothe, Navi Mumbai - 410 209.
- c. Educational Qualification : MSc. Biotechnology.
- d. Email : yogesh.rana1712@gmail.com.
- e. Contact No. : 9987227503.
- f. Current Professional or Emp. Status : Tutor.

3. GENERAL INFORMATION OF BUSINESS

Description of products/ services for incubation:

We are going to design, develop and manufacture affordable Vacuum Dressing system (Alternative to NPWT).

Specify the innovation/ technology in your products/services:

We are going to develop low cost Vacuum dressing system used for treatment of Chronic wounds using off the shelf components.

Does your company require any Governmental or regulatory approvals?

Not in development phase, but maybe required in deployment phase.

Dr. Rajesh B. Gool
Registrar

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

What market demands your product/ services fulfil (end Usages)?

It will serve as cost effective alternative of Negative Pressure wound therapy (NPWT) devices.

Details of your prospective customers:

Primary, Secondary and tertiary care hospitals.

Details of market research activities for the product/ service made by you:

As Negative pressure wound therapy is used outside India at a very unaffordable cost, so we are going to develop low cost alternative.

Details of your major competitors:

As there are existing manufacturers in and outside the country for development and manufacture of

What are your competitive advantages?

Vacuum Dressing System, as major competitor. low cost, portable and affordable features of our products will give a major advantage to our product.

What are your products/ services promotion strategies?

By spreading awareness about our product through posters and short movies regarding benefits of our product.

How will distribute your products?

We will channelize distribution of our product through various MRs and government agencies.

Highlight the expertise that will be utilize during incubation?

Guidance in the field of designing and manufacturing of the product in order to develop product at low cost

What is the source of your major raw materials (If needed)?

Not applicable.

4. FINANCIAL PLAN OF BUSINESS

What is your business plan including budgeting details, break even point etc preferably in tabular form for the next three years? (Please attach business plan in your own format if you have)

The business plan is attached with this application in the form of annexure.

What sales volume and time is required for breakeven?

Sales volume = 100 units, in a span of 3 years.

Indicate your investment requirements and source of finance?

Investment requirement = 15 lakhs, source of finance - we will approach to various angel investors and government agencies.

Employment opportunities (mention number of manpower / levels with remuneration etc.) during incubation period.

2 mechanical engineers, 1 research assistant & 3 labours on daily basis, including a manager.

5. REQUIREMENTS OF FACILITIES IN TECHNOLOGY INCUBATION CENTRE

Infrastructure requirement for space, workstation or PCs.

rapid Manufacturing, validation and testing laboratories for prototyping of the devices.

Indicate special requirements from Incubation Centre; facility, etc. if required.

Not aware at the moment.

Specify requirement of Mentoring and other professional services/ support:

Nit. Mentor in the field of application of the devices.

Indicate how your business might benefit from access to Incubation Centre's human & physical resources.

As MGM IHS IIC gathers multidisciplinary experts ranging from physicians, clinicians, basic research, scientists & engineers which will direct our business on right path.

If accepted as an incubate, when would you want to start occupancy in the TIC?

Within a month.

P.S. While filling this questionnaire, extra pages may be used wherever necessary.

*Please enclose CV/CVs of all the promoter.

DECLARATION:

I, Yogesh Patil, here by certify that the information furnished in the application form from Item 1-5 is true, complete and best to my knowledge.

Date and Place: 03/12/2017
Kamothe.

Signature of the applicant

Recommendations of the forwarding organization (If Any):

Has the application been screened and evaluated at local level? Give details.

Date and Place 03/12/2017.
Kamothe.
Contact No. 9981227503.

Sign with Seal
Dr. Rajesh B. Goel
Registrar

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