



# MGM INSTITUTE OF HEALTH SCIENCES

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

**Grade 'A' Accredited by NAAC**

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## Startup

Sr. No.	Name of the Startup	Nature of Startup	Year of Commencement	Contact Information of the Person
1	Gait and full body motion analysis system	Scientific validation, Training and clinical service in human movement science	01.01.2016	Dr. Rajani Mullerpatan rajani.kanade@gmail.com
2	Cardiopulmonary fitness testing system	Scientific validation, Training and clinical service in human movement science	11.03.2016	Dr. Bela Agarwal (PT) belaagarwal@gmail.com
3	Pedobarography system	Scientific validation, Training and clinical service in human movement science	02.01.2017	Dr. Juhi Bharnuke (PT), bharnukejuhi@gmail.com, Dr. Rajani Mullerpatan, rajani.kanade@gmail.com
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, trivishetty@gmail.com
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 uttara.deshmukh2010@gmail.com
8	MGM Fish feed tech	Life BioTech- 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

# MGM Analytical - Affordable technology (BioMol Seperator - Startup)



# OMICS Central Research Facility for Startups



# Zebrafish Central Research Facility for Fish feed

King dom	Animalia	General Features	Benefits
Phylum	Chordata	Appearance - like Elongated - like	Large numbers can be kept easily and cheaply in lab
Class	Actinopterygii	Salinity - oligoneurhalic Number of male and female (2N) (haploid set)	Good model for scientific work of whole anatomy
Order	Cypriniformes	Males	Universally available
Family	Cyprinidae	Life span - fish Type of fish	Low cost of maintenance
Genus	Danio	Reproductive	Easy availability of eggs
Species	Danio rerio	Genetics	Genetic diversity is good for the population of

**ZEBRA FISH DETAILS**

Figure 1: Zebrafish (Danio rerio) is a small, brightly colored fish that is widely used in laboratory research. It is a member of the Cyprinidae family and is native to the Ganges-Brahmaputra river system in South Asia. Zebrafish are known for their rapid reproduction, transparency, and ease of maintenance in laboratory settings. They are commonly used in studies related to genetics, development, and disease models.

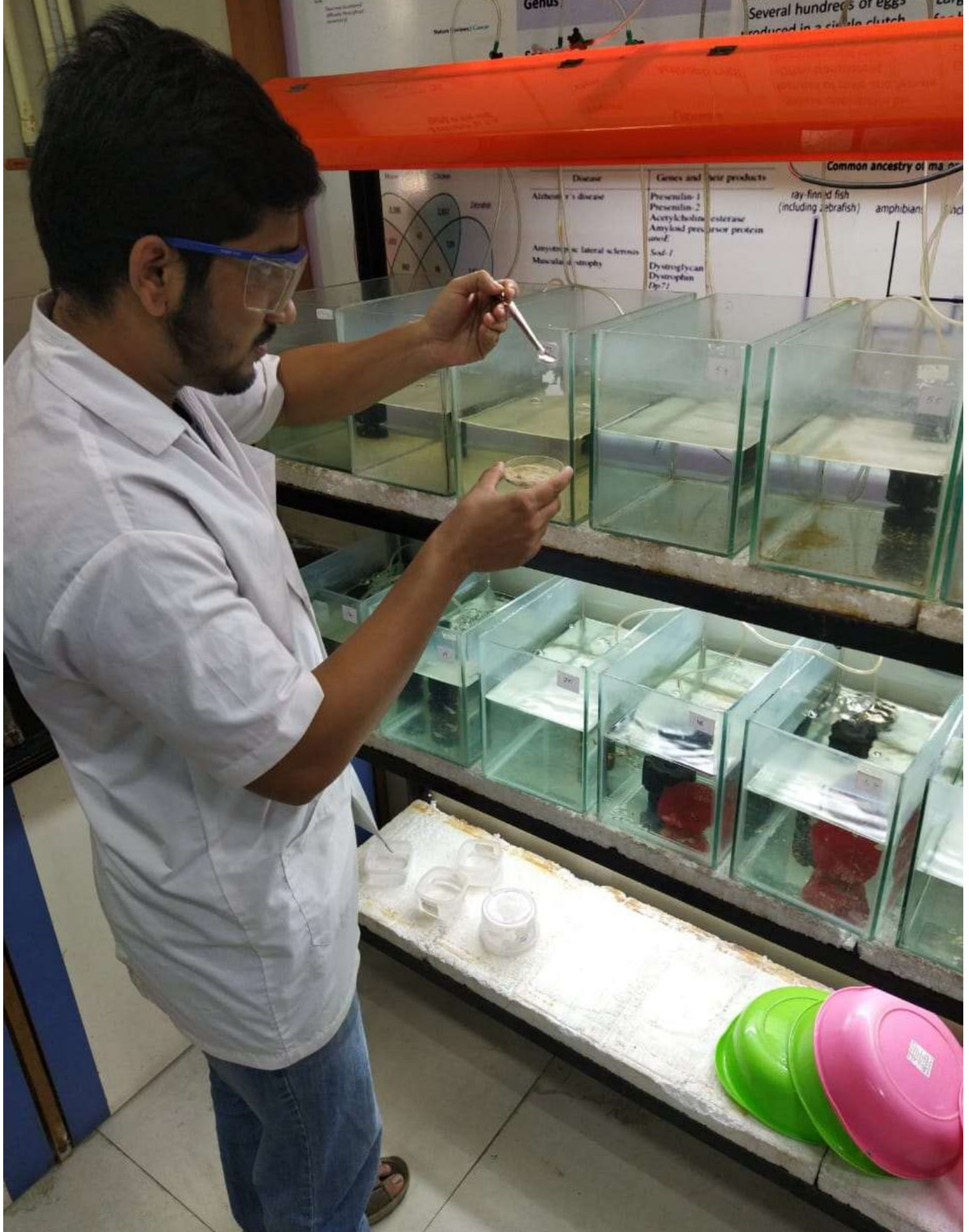
Table 1: Features of fish and human lower vertebrates and differences

Feature	Fish	Human
Respiration	Gills	Lungs
Excretion	Excretory organs	Excretory organs
Reproduction	External fertilization	Internal fertilization
Development	External development	Internal development
Support	Water	Air
Locomotion	Fins	Limbs
Feeding	Swallowing	Swallowing
Communication	Sound	Sound
Navigation	Compass	Compass
Survival	Survival	Survival

Figure 2: Diagram of the basic anatomy of Zebrafish (Danio rerio) showing the head, body, and tail. The diagram labels various parts of the fish, including the head, dorsal fin, pectoral fins, pelvic fins, anal fin, and tail. The body is divided into the head, trunk, and tail regions.



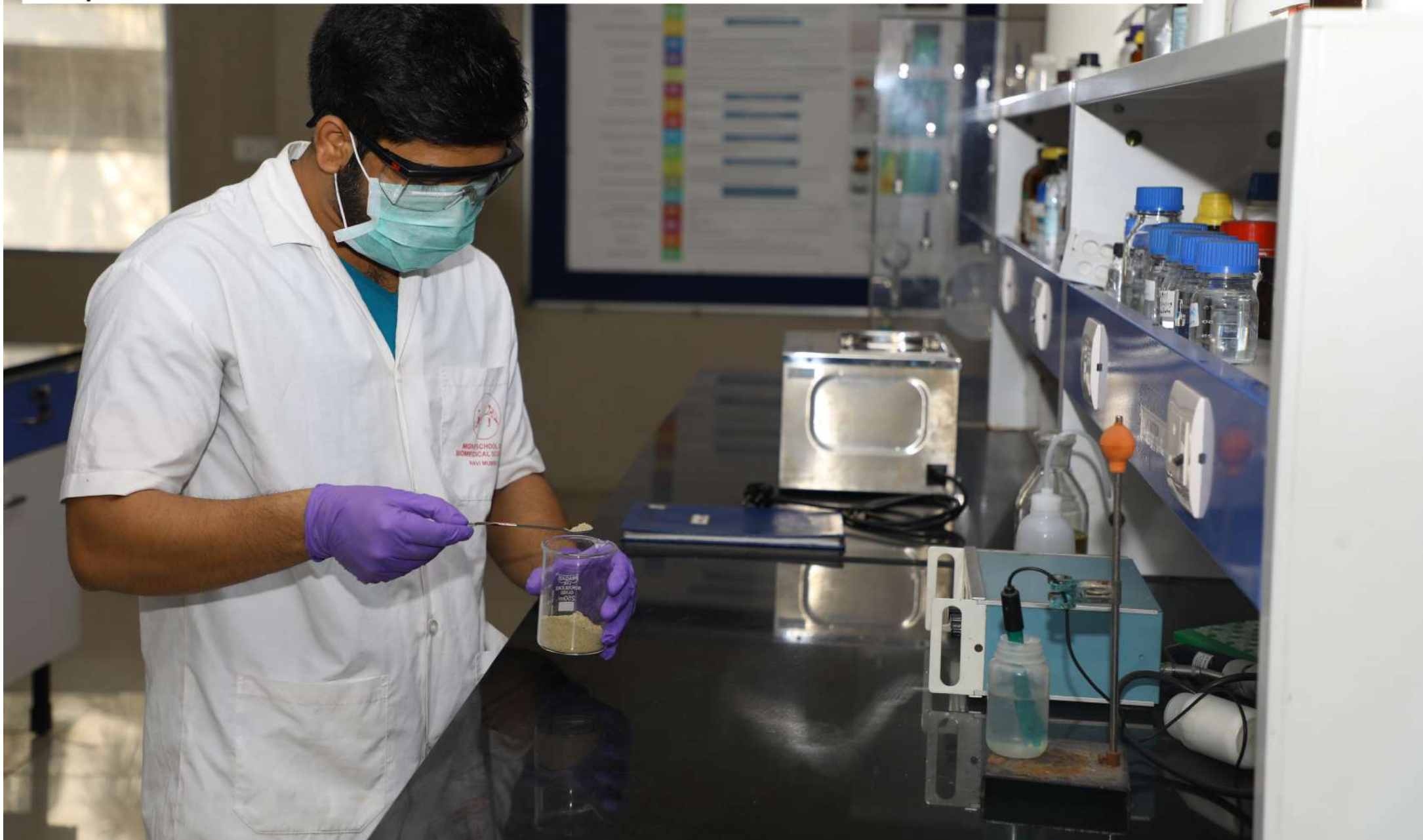
# Life Biotech - Technology for Biosciences - MGM Fish Feed Tech



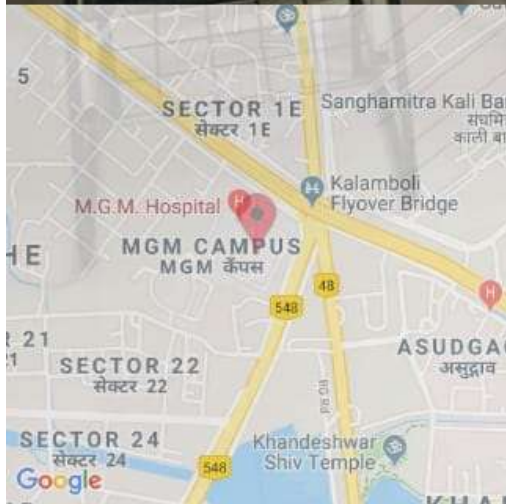
# Life Biotech - Technology for Biosciences (Fish Feed Trial-Startup)



# Life Biotech - Technology for Biosciences - MGM Fish feed Preparation



# IIC Computer Lab- Navi Mumbai



Unnamed Road, MGM Campus, Kamothe, Panvel, Navi Mumbai, Maharashtra 410206, India

Navi Mumbai  
Maharashtra  
India



32°C  
90°F



**Inauguration of IIC at Navi Mumbai  
dtd 18th March 2018**



# MGM Analyticals - Affordable technology (Portable Biosafety cabinet-Startup)



# MGM Biomedicals - Affordable Devices (MGM Vaccum Dressing)



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# MGM Analyticals - Affordable technology (BioMol Seperator)



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