

## MANDATORY DISCLOSURE

## 1. Name of the Institution: MANIPAL INSTITUTE OF TECHNOLOGY, BENGALURU

Address: Manipal Academy of Higher Education, (Off-Campus Centre at BENGALURU), Govindpura village, BSF Campus, Yelahanka, Bengaluru North-560064, Karnataka Contact No.: 08049929568 Email: director.mitblr@manipal.edu



The Garden City of India, Bengaluru, is now home to a new Engineering institution – "MIT Bengaluru" at the off-campus Centre of Manipal Academy of Higher Education (MAHE), Bengaluru. MAHE is proud to open its doors in the bustling cosmopolitan IT hub of Bengaluru by establishing its new engineering campus: MIT Bengaluru. MIT, Bengaluru offers five B Tech programs starting from 2021, with approval from the All India Council of Technical Education (AICTE), MHRD, Government of India. The five approved programs are Computer Science and Engineering, Information Technology, Electronics and Communication, Computer Science and Engineering (Artificial Intelligence) and Computer Science and Engineering (Cyber Security). MAHE is recognized as a deemed-to-be university since 1993 and has been accorded the status of Institute of Eminence (IoE) by MHRD, Government of India. Admission to MIT Bengaluru is based on a computer-based online entrance test, MET, conducted by MAHE.



(A constituent unit of MAHE, Manipal)

## 2. Name and address of the Trust/ Society/ Company and the Trustees

#### TRUST:

MANIPAL ACADEMY OF HIGHER EDUCATION TRUST, MANIPAL – 576 104, UDUPI DISTRICT, KARNATAKA STATE, INDIA. Ph: 0820-2922323; Email - registrar@manipal.edu

Sl. No.	Trustee Name	Designation	Address	Trustee since	Trustee Till
1	Dr. Ranjan R Pai	President & Chairman	Registrar, Academy of General Education (AGE), Manipal Chairman, MEMG India International Pvt Ltd., JW Marriott Bengaluru- 560001	13.10.2017	12.10.2024
2	Dr. Ramdas M Pai	Trustee	Chancellor MAHE, Manipal 576 104	22.05.1993	31-12-2024
3	Mr. T Ashok Pai	Trustee	Secretary, Dr TMA Pai Foundation, Syndicate House, Manipal 576 104	undation, Syndicate 13.10.2017	
4	Mr. T Mohandas Pai	Trustee	9, Ananth Nagar, Manipal 576 104	13.10.2017	12.10.2024
5	Mr. T Satish U Pai	Trustee	Managing Director, Manipal Media Network Ltd, Udayavani Building, Manipal 576 104	13.10.2017	12.10.2024
6	Mrs. Vasanti R. Pai	Trustee	Geetanjali, Manipal 576 104	07.07.2018	06.07.2023
7	Mr. T V Mohandas Pai	Trustee	Chairman, Manipal Global Education Services, Pvt Ltd., 15th Floor, JW Marriott Bengaluru, 24/1, Vittal Mallya Road (Next to UB City), Bengaluru – 560001	13.10.2017	12.10.2024
8	Dr. H S Ballal	Trustee	Pro Chancellor, Manipal Academy of Higher Education, Manipal and President, Academy of General Education, Manipal	13.10.2017	12.10.2024

## 3. Name and Address of the Director

#### DR. JAGANNATH K,

Director, MANIPAL INSTITUTE OF TECHNOLOGY, Bengaluru.

Address: Manipal Academy of Higher Education, (Off-Campus Centre at BENGALURU), Govindpura village, BSF Campus, Yelahanka, Bengaluru North-560064, Karnataka

Email Id: jagannath.korody@manipal.edu

## 4. Name of the Affiliating University

• MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL



## 5. Governance

a. Members of the Board and their background:

### Manipal Academy of Higher Education, Manipal

#### Composition of Board of Management

SI. #	Name and address	Designation
1)	Lt. Gen. (Dr.) M.D. Venkatesh (Retd) Vice-Chancellor, MAHE, Manipal	Chairperson
2)	Dr. Dilip Naik Pro Vice-Chancellor, MAHE, Manipal	Member (Pro Vice Chancellor)
3)	Dr Keerthilatha M Pai Dean, Manipal College of Dental Sciences, Manipal	Member (Deans of Faculties)
4)	Dr H Sudarshan Ballal Chairman, Manipal Health Enterprises Pvt. Ltd., Manipal Hospital, 98, HAL Airport Road, Bengaluru 560017	Member (Nominee of the Chancellor)
5)	Dr. Gopalakrishna Prabhu President, Manipal University Jaipur, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur 303 007, Rajasthan	Member (Nominee of the Chancellor)
6)	Prof Rishikesha T Krishnan Director & Prof of Strategy, Indian Institute of Management Bengaluru, Bannerghatta Road, Bengaluru 560 076	Member (Nominee of the Chancellor)
7)	UGC Nominee	Member (UGC Nominee)
8)	Mr. Vaitheeswaran S CEO, Manipal Education & Medical Group, Bengaluru	Member (Nominee of the Trust)
9)	Mr. Rajen Padukone President, Manipal Education Foundation, Bengaluru	Member (Nominee of the Trust)
10)	Dr H Prakash Chandra Kincha No. 11, 4tʰ Main Road, 1≭ Cross, Chamrajpet, Bengaluru 560 018	Member (Nominee of the Trust)
11)	Prof S Sadagopan 26/C, Electronics City, Hosur Road, Bengaluru 560 100	Member (Nominee of the Trust)
12)	Dr. Suresh Kumar Shetty Professor, Department of Forensic Medicine, Kasturba Medical College, Mangaluru	Member (Teacher Nominee – Professor)
13)	Dr Dhanya Sunil Associate Professor (Senior Scale), Department of Chemistry, Manipal Institute of Technology, Manipal	Member (Teacher Nominee – Associate Professor)
14)	Dr Nirmal Mazumder Assistant Professor, Department of Biophysics, Manipal School of Life Sciences, Manipal	Member (Teacher Nominee – Assistant Professor)
15)	Dr. Narayana Sabhahit Registrar, MAHE, Manipal	Secretary



## b. Members of Academic Advisory Body

## Manipal Academy of Higher Education (MAHE), Manipal

## Composition of Academic Council

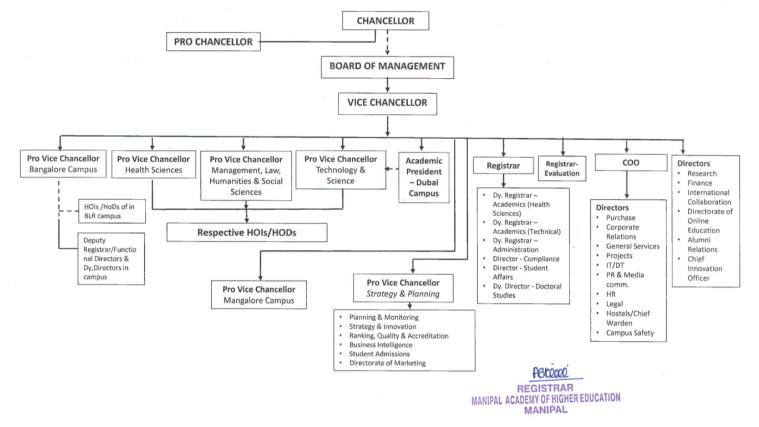
No.	Name & Address	Designation
1)	Vice Chancellor, MAHE, Manipal	Chairperson
2)	Prof M D Nalapat, U 26, C/8, White Town House, DLF Qutab Enclave Phase – 3, Gurgaon – 122 002	External Member
3)	Dr V M Katoch, NASI-ICMR Chair on Public Health Research at Rajasthan University of Health Sciences, Jaipur	External Member
4)	Dr N N Sharma, Pro President, Manipal University Jaipur, Village & PO Dehmi Kalan, Jaipur-Ajmer Express Highway, Near G V K Toll Plaza, Jaipur -303007	External Member
5)	Dr Srinivas Murali, Consultant Neurologist, Manipal Hospital, 98, Rustom Bagh, HAL Airport Road, Bengaluru - 560017	External Member
3)	Pro Vice Chancellors, MAHE, Manipal	Ex Officio Member
7)	Registrar – Evaluation, MAHE, Manipal	Ex Officio Member
B)	Director – Research, MAHE, Manipal	Ex Officio Member
9)	Director-Planning & Monitoring, MAHE, Manipal	Ex Officio Member
10)	Deputy Registrar - Academics (Health Sciences), MAHE, Manipal	Ex Officio Member
11)	Deputy Registrar – Academics (Technical), MAHE, Manipal	Ex Officio Member
12)	Dean, Kasturba Medical College, Manipal	Ex Officio Member
13)	Dean, Kasturba Medical College, Mangaluru	Ex Officio Member
14)	Director, Manipal Institute of Technology, Manipal	Ex Officio Member
15)	Principal, Manipal College of Pharmaceutical Sciences, Manipal	Ex Officio Member
16)	Dean, Manipal College of Dental Sciences, Manipal	Ex Officio Member
17)	Principal, Welcomgroup Graduate School of Hotel Administration, Manipal	Ex Officio Member
18)	Dean, Manipal College of Dental Sciences, Mangaluru	Ex Officio Member
19)	Dean, Manipal College of Nursing, Manipal	Ex Officio Member
20)	Director, International Centre for Applied Sciences, Manipal	Ex Officio Member
21)	Dean, Melaka Manipal Medical College, Manipal	Ex Officio Member
22)	Director, Manipal Institute of Communication, Manipal	Ex Officio Member
23)	Director, Manipal School of Information Science, Manipal	Ex Officio Member
24)	Dean, Manipal College of Health Professions, Manipal	Ex Officio Member
25)	Director, Manipal Institute of Management, Manipal	Ex Officio Member
26)	Chief Executive, Melaka Manipal Medical College, Melaka, Malaysia	Ex Officio Member
27)	Academic President, MAHE - Dubai Campus, Dubai	Ex Officio Member
28)	Director, Manipal School of Life Sciences, Manipal	Ex Officio Member
29)	Dean, Manipal Institute of Regenerative Medicine, Bengaluru	Ex Officio Member
30)	Director, Manipal School of Architecture & Planning, Manipal	Ex Officio Member
31)	Director, Prasanna School of Public Health, Manipal	Ex Officio Member
32)	Incharge Director, Manipal Centre for Natural Sciences, Manipal	Ex Officio Member
33)	Head, Manipal Centre for Humanities, Manipal	Ex Officio Member
34)	In-Charge Director, Manipal Institute of Virology, Manipal	Ex Officio Member
35)	Dean, Manipal Tata Medical College, Jamshedpur	Ex Officio Member
36)	Director, Srishti Manipal Institute of Art, Design and Technology, Bengaluru	Ex Officio Member
37)	Director, TA Pai Management Institute, Manipal	Ex Officio Member
38)	Director, Manipal Institute of Technology, Bengaluru	Ex Officio Member
39)	Registrar, MAHE, Manipal	Secretary
40)	5 Student Representatives	



## c. Frequency of the Board Meeting and Academic Advisory Body:

- As per the University Calendar
- d. Organizational Chart and Processes:

# Manipal Academy of Higher Education - Organogram



# e. Nature and Extent of involvement of Faculty and students in academic affairs/improvements

- 1. Outcome based education system is followed.
- 2. Faculty recruitment is as per AICTE norms.
- 3. ICT tools are used for teaching-learning, assessment and evaluation.
- 4. Performance evaluation of faculty in terms of their academics, research and administration with additional incentive.
- 5. Students are involved in research activities and incentives for publication and other achievements.

### f. Mechanism/ Norms and Procedure for democratic/ good Governance

- 1. Curriculum is as per industry norms and is designed by involving all stakeholders.
- 2. Transparent system for assessment and evaluation, examination using e-pads
- 3. Industry participation in academic delivery.



## g. Student Feedback on Institutional Governance/ Faculty performance

• Systemic processes set for student feedback system and its evaluation and further actions.

### h. Grievance Redressal mechanism for Faculty, Staff and Students

Sl.No.	Name	Designation	Designation in Committee
1	Prof. Jagannath K	Director	Chairperson
2	Dr. Prema K V	HOD-CSE	Member
3	Dr. Ujjwal Verma	HOD-ECE	Member
4	Mr. Mahipal Bukya	Assistant Professor (Senior-Scale)	Convener
5	Mr. Shashank Benakatti	Student	Member
6	Ms. Rutuja Patil	Student	Member
7	Mr. Hrishit Dhoka	Student	Member

Online Grievance Redressal Registration at Manipal Institute of Technology Bengaluru

Click here to submit <a href="https://rb.gy/82g2gf">https://rb.gy/82g2gf</a>

#### Faculty Grievance Redressal Committee (GRC):

Chairperson: Prof. Jagannath K, Director	
Convener:	Mahipal Bukya, Assistant Professor (Senior-Scale)
Members:	Dr. Prema K V, CSE-HoD, Professor
	Dr. Ujjwal Verma, ECE-HoD, Associate Professor

### i. Establishment of Anti Ragging Committee

SI. No.	Name	Designation
1.	Dr. Jagannath K, Director	Chairperson
2.	Mr. Adithya G S S	Member
3.	Mr. Mahipal Bukya	Member
4.	Dr. Ramya M	Member
5۰	Dr. Prasanna Poojary	Nodal Officer
6.	Miss Pradyota Kirtikar	Student Member
7.	Mr. Adithya R S	Student Member
8.	Mr. Kartik Mittal	Student Member



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#### Institutional Anti-Ragging Squad:

- 1. Dr. Prasanna Poojary, Assistant Professor, Nodal Officer
- 2. Dr. Deepti Gupta, Warden, Assistant Professor (Senior-Scale), MIT Bengaluru
- 3. Mr. Adithya G S S, Warden, Assistant Professor (Senior-Scale), MIT Bengaluru
- 4. Members of Advisory (Anti Ragging Enquiry) Committee
- 5. All Deputy Wardens
- 6. All Block Wardens
- 7. All Teacher-Guardians of I & II Semester
- 8. President and Members of Student Council

### j. Establishment of Online Grievance Redressal Mechanism:

Online Grievance Redressal Registration at Manipal Institute of Technology Bengaluru

Click here to submit https://rb.gy/82g2gf

# k. Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University.

University Ombudsman Details: https://manipal.edu/mu/about-us/ombudsman-details.html

### I. Establishment of Internal Complaint Committee (ICC):

Sl. No.	Name	Designation
1.	Dr. Jyothsna Belliappa	IIC Chairperson
4.	Dr. Kiranmayi	ICC Member
5.	Dr. Prema. KV	ICC Member
6.	Dr. M. Ramya	ICC Member
7.	Dr. Animesh Bahadur	ICC Member

- The committee will be responsible for hearing and disposing all the complaints regarding Sexual Harassment in the campus.
- Any student or employee who feels that he/she is being sexually harassed, directly or indirectly, may submit a complaint of the alleged incidents(s) in writing complaints may be sent via email at mamatha.daijna@manipal.edu or dropped in a sealed envelope to the Director, MIT-BLR.



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## m. Establishment of Committee for SC/ ST

SI. No.	Name	Profession	Address	Designation	Cast	Gender
1	Dr Sandeep Shenoy	Teaching	Director, Compliance, MAHE, Manipal	Chairman	OTHER	MALE
2	Mr. Shridhar Rao	Non- Teaching	Director, General Services, MAHE, Manipal	Member	OTHER	MALE
3	Dr Geetha Maiya	Teaching	Director, Student Affairs, MAHE, Manipal	Member	OTHER	FEMALE
4	Mr Jerry Joseph	Non- Teaching	Deputy Director – HR, MAHE, Manipal	Member	OTHER	MALE
5	Mr Chandrashekar Prabhu	Non- Teaching	Deputy Director – Legal, MAHE, Manipal	Member	SC	MALE
6	Mr Janardhan Naik	Non- Teaching	Asst. Manager (Admin & Operations), O/o Registrar – Evaluation, MAHE, Manipal	Member	ST	MALE

## n. Internal Quality Assurance Cell

SI.No	. Name	Designation	Designation in IQAC
1	Dr. Jagannath K	Director	Chairperson
2	Dr. Ambedkar Dukkipati	Professor Computer Science and Automation, Indian Institute of Science (IISc), Bengaluru	Academic External Expert
3	Dr. Ranga Srinivas Gunti	Senior DGM, Mahindra &-Mahindra Chennai, Adjunct Faculty (Honorary), Indian Institute of Technology (IIT), Madras	Industry Expert
4	Dr. Raghavendra Prabhu P	Deputy Registrar	Administrative Member
5	Dr. Ramachandra V. Murty	QMR- Nodal Officer, MIT Manipal	Academic External Expert
6	Dr. Dayananda P	Professor & HOD-IT	Member
7	Dr. Prema K V	Pr. Prema K V Professor & HOD-CSE	
8	Mr. Gaurav Prasad	Overall coordinator for First year	Member
9	Dr. Ujjwal Verma	Associate Professor & HOD-ECE	Member
10	Dr. Manjunath M S	Examination Coordinator	Member
11	Dr. Ramasamy	Academics coordinator	Member
12	Mr. Adithya G S S	Student Welfare Coordinator	Member
13	Ms. B Harshamallika	Electronics and Communication Engineering	Student Member
14	Mr. Khasib Ruhaan	Information Technology	Student Member



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15	Mr. Arnav Puri	Computer Science & Engineering [Artificial Intelligence]	Student Member
16	Mr. Prakul R Pathange	Computer Science & Engineering [Cyber Security]	Student Member
17	Ms. Vanishka Gupta	Computer Science Engineering Student M	
18	Dr. Adithya Tantri	Assistant Professor	Co-Coordinator
19	Dr. Kavya B S	Assistant Professor	Co-Coordinator
20	Mr. Mahipal Bukya	Assistant Professor (Senior-Scale)	Assistant Director IQAC MIT Blr

## 6. PROGRAMMES

a. Name of programmes approved by AICTE

### UNDERGRADUATE:

- B.TECH COMPUTER SCIENCE AND ENGINEERING
- B.TECH COMPUTER SCIENCE AND ENGINEERING ARTIFICIAL INTELLIGENCE
- B.TECH COMPUTER SCIENCE AND ENGINEERING CYBER SECURITY
- B.TECH COMPUTER SCIENCE AND ENGINEERING DATA SCIENCE
- B.TECH INFORMATION TECHNOLOGY
- B.TECH ELECTRONICS AND COMMUNICATION
- B.TECH ELECTRONICS ENGINEERING (VLSI DESIGN AND TECHNOLOGY)
- b. Name of Programmes Accredited by NBA: NA
- c. Status of Accreditation of the Courses: NA

### d. For each programme the following details are to be given:

Name	Number of Seats	Duration	Cut off Marks / Rank of Admission	Fee (2022-23)	Placement Facilities
B.Tech – Computer Science and Engineering	180	4 Years		18,62,000	NA
B.Tech – Computer Science and Engineering – Artificial Intelligence	180	4 Years	As per the University	18,62,000	NA
B.Tech – Computer Science and Engineering – Cyber Security	180	4 Years	Admission Criteria – https://manipal.edu	18,62,000	NA
B.Tech – Computer Science and Engineering – Data Science	180	4 Years	/mu/admission.html	18,62,000	NA
B.Tech – Information Technology	180	4 Years		18,62,000	NA
B.Tech – Electronics and Communication Engineering	60	4 Years		18,62,000	NA
B.Tech – Electronics and Computer Engineering	120	4 Years		18,62,000	NA
B.Tech – Electronics Engineering – VLSI Design and Technology	60	4 Years		18,62,000	NA



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- e. Name and duration of Programme having Twinning and Collaboration with Foreign University and being run in the same campus along with status of their AICTE approval NA
- f. For each Programme Collaborated provide the following NA

## 7. FACULTY

Please visit: https://manipal.edu/mu/campuses/mahe-bengaluru/academics/institution-list/mitblr/department-faculty.html

- Permanent Faculty: 161
- Adjunct Faculty: 02
- Permanent Faculty: Student Ratio UG: 1:20
- Number of Faculty employed and left during the last one year

Year	Employed	Left
2021	18	0
2022	34	2
2023	57	5
2024	52	3

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## 8. Profile of the Director / Faculty:

- Name: Dr. Jagannath K
- Education Qualifications: B.E.; M.Tech.; PhD
- Work Experience

Dr. Jagannath Korody is the Director of the Engineering Program at MIT-Bengaluru Campus. Before this assignment, he has worked as Dean, Faculty of Engineering at Manipal University, Jaipur, Rajasthan, for three



years. Dr. Korody has more than 35 years of teaching and research experience in technical education.

• Area of Specialization: Tribology, Refrigeration & Air conditioning, Cryogenics

#### 9. Fee:

https://manipal.edu/content/dam/manipal/mu/documents/Admissions/adm2022/2022\_MAHE\_Manipal\_General\_Ca tegory\_Program\_Fees.pdf

Hostel Fee: Link: <u>https://sis.manipal.edu/</u>

### 10. Admission: https://manipal.edu/mu/admission.html

• Number of Seats sanctioned with year of approval

Year of Admission	Year of Approval	Undergraduate (UG)
2024	2024	1140

• No. of Students admitted under various categories each year in the last 1 year

Yea	r of Admission	Undergraduate (UG)
	2023	900

• No. of applications received during last two years for admission under Management Quota and number admitted

All admissions to UG (B.Tech) offered by MAHE Manipal merit based through a defined process of admissions, outlined at <u>www.manipal.edu/eligibility</u>. There is **NO** management quota and this has been clearly mentioned at <u>www.manipal.edu/advisory</u>



## 11. Admission Procedure:



 Mention the admission test being followed, name and address of the test agency and its URL (website)

Admission to Manipal Institute of Technology (MIT), Manipal is through Manipal Entrance Test (MET). More details available at <u>www.manipal.edu/met</u>

- Number of seats allotted to different Test Qualified candidates separately There are **NO** seat allocations for admission through any other entrance exams
- Calendar for admission against Management/vacant seats There is NO management quota and this has been clearly mentioned at <u>www.manipal.edu/advisory</u>

## 12. Criteria and Weightages for Admission

• Describe each criterion with its respective weightages ie; Admission Test, marks in qualifying examination etc

Admission to Manipal Institute of Technology (MIT) Bengaluru is through Manipal Entrance Test (MET) Rank only. The qualifying examination marks are considered for eligibility check

- Mention the minimum level of acceptance, if any Candidates must have Manipal Entrance Test (MET) rank conducted in the year of admission
- Mention the cut-off Levels of percentage and percentile scores of the candidates in the admission test for the last three years

Year of Admission	Undergraduate (UG)
2023	23,458



 Display marks scored in Test etc and in aggregate for all candidates who were admitted Test scores are personal to the individual and is displayed to the candidate on submission of the test. MAHE Manipal respects the privacy of its applicants. Hence under General Data Protection Regulation (GDPR) guidelines, the candidate details and their test performance cannot be displayed in the public domain

## 13. List of Applicants

 List of applicants whose applications have been received along with percentile / percentage score for each of the qualifying examination in separate categories for open seats MAHE Manipal respects the privacy of its applicants. Hence under General Data Protection

Regulation (GDPR) guidelines, the applicant details and their qualifying examination performance cannot be displayed in the public domain.

• List of candidates who have applied along with percentage and percentile score for Management quota seats

There is **NO** management quota, and this has been clearly mentioned at <u>www.manipal.edu/advisory</u>

## 14. Results of Admission under Management seats / Vacant seats

• There is **NO** management quota, and this has been clearly mentioned at <u>www.manipal.edu/advisory</u>

## 15. Information of Infrastructure and other Resources Available

SI.No.		Numbers of Rooms	Size of Each
1	Classrooms	44	100 sqm
2	Tutorial Rooms	9	33 sqm
3	Laboratories	38	66 sqm
4	Drawing Halls	02	214 sqm
5	Computer Centre	01	114 sqm

- Online examination facility: **MS TEAMS** No. of Nodes: **E-Tabs** No. of Internet bandwidth: **310mbps**
- Central Examination Facility: YES Number of Rooms: 18 and Capacity of each: 60
- Barrier Free Built Environment for disabled and elderly persons: YES
- Occupancy Certificate: **YES**
- Fire and Safety Certificate: **YES**
- HOSTEL FACILITIES: AVAILABLE for both BOYS & GIRLS



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## Library

- > Number of Library books / Titles / Journals available
- Titles: 766
- Volumes: 5794
- Print Journals: National- 33 & International -5
- E-books: 106136 (Springer) and 19059 (ScienceDirect) = **125195**
- > List of online International/ National journals subscribed.
- National Journals: 30
- International Journals:
  - 3265 (Springer) and
    - 2393 (Science direct) = **5658**
- > E-Library Facilities YES
- > PCs/Laptops available in Library: 13 No
- > Number of Legal Application Software:
- KOHA library automation software
- RFID Software
- OpenAthense Remote Access
- Library Portal
- Turnitin PDS Software
- > Printers available to Student/Faculty: Yes
- > Number of A1 Size Color Printers: Yes
- > NDLI subscription details: Yes (Reg No. :- INKANC3UTU7C2HS)
- > DELNET Library Membership: Yes
  - LABORATORY AND WORKSHOP:
    - > List of Major Equipment / Facilities in each Laboratory / Workshop
    - > List of Experimental setup in each Laboratory / Workshop

Department	Lab/Major Equipment
Physics lab	a) Newtons rings
	b) Hall effect kit
	c) Boltzman constant kit
	d) Fermi energy kit
	e) Energy band gap kit
	f) Black body radiation kit
	g) Series and parallel resonance kit
	h) Diffraction grating kit
	i) Double refraction kit
	j) Photoelectric effect kit
	k) Ultrasonic interferometer kit



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Chemistry lab	a) Conductometers with conductivity cell			
	<ul> <li>pH meters with combined glass electrode</li> </ul>			
	i) Platinum electrode			
	ii) Calomel Electrode			
	iii) Combined pH electrode			
	iv) Digital pH meter			
	c) Calorimeters with Cuvettes			
	d) LPG cylinder with pipes and controller system			
	e) Dionized water			
	Fume exhaust hood			
	g) Viscometers			
Markeban	a) Model of 2 stroke and 4 stroke engine			
Workshop	b) Model of Electric vehicle			
	c) CNC machine			
	d) Software for CNC programming			
	e) Software for determining shear force and bending moment			
	f) Building layout planning software			
	g) Study of wiring tools, Fuses, Circuit breakers			



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	<ul> <li>h) Lighting sources, two-way switches, fluorescent lamp wiring</li> <li>i) Electrical energy measurement in Single-phase and three-phase circuits</li> <li>j) Soldering practices with basic electrical circuits on PCB</li> <li>k) Resistor, capacitors, Diodes</li> <li>l) Cathode Ray Oscilloscope</li> <li>m) PN junction diode</li> </ul>
Engineering Graphics lab	AutoCAD software
Problem solving using computers lab	C, C++, MATLAB
Language lab	Clarity software

### • COMPUTING FACILITIES

- Internet Bandwidth 310 MBPS
- Number and Configuration of system AIO
- > Total number of system connected by LAN ALL
- > Total number of system connected by WAN ALL
- > Major software package available MS
- Special purpose facilities available (Conduct of online meetings / webinars / workshops, etc): MS TEAMS
- > Facilities for conduct of classes / courses in online mode (Theory & Practical) YES
- Innovation Cell YES
- Social Media Cell YES
- > Compliance of the National Academic Depository (NAD) YES

### • LIST OF FACILITIES AVAILABLE

- Games and Sports Facilities/Indoor Games
  - Football Ground
  - Cricket Ground
  - Tennis Court
  - Basketball Court
  - Badminton Court
  - Gymnasium
  - Athletic Ground
- Extra-Curricular Activities Student Clubs
- Soft Skill Development Facilities YES

### • TEACHING LEARNING PROCESS

> Curricula and syllabus for each of the programmes as approved by the

university: <a href="https://manipal.edu/mu/campuses/mahe-">https://manipal.edu/mu/campuses/mahe-</a>

bengaluru/academics/institution-list/mitblr/department-faculty.html

> Academic Calendar of the University:

https://learnermanipal-

my.sharepoint.com/:f:/g/personal/iqac\_mitblr\_manipal\_edu/



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UVBI8yidBdCDHUBizhEvxov3SvwmXI8coa3oQ?e=NnaCJU

Academic Timetable with the name of the Faculty members handling the course: https://learnermanipal-

my.sharepoint.com/:f:/r/personal/iqac\_mitblr\_manipal\_edu/Document s/Time%20Table?csf=1&web=1&e=ckBYBL

- > Internal Continuous Evaluation System in place YES
- Students assessment of Faculty, System in place YES
- SPECIAL PURPOSE
  - > Software, all design tools in case YES
  - Academic Calendar and framework YES
- 16. Enrolment and placement details of students in the last 3 years NA

## 17. List of Research Projects / Consultancy works

• Number of Projects carried out, funding agency, Grant received.

Sl.No	Title of the Project	Funding Agency	Investigators	Duration	Amount Sanctioned
1	Design and Development of Computer Vision Algorithms for Augmented Reality Instruction Manuals	Spatial Guide, IIIT Hyderaba d	Dr. Ujjwal Verma	23 Nov 2023 to 22 Nov 2024	Rs 20,00,000
2	CDIO Based Curriculum Design framework for Electrical and Electronics Engineering Program	DST	Dr. Gowtham N	15 May 2023 to 31 Dec 2023	RS 2,00,000
3	Rural Community Empowerment Through Technology Development And Training On Robots For Smart Farming	IEEE	Dr Megha P Arakeri	30 Oct 2023 to 30 Oct 2024	RS 6,50,000



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Development of Solar Powered Information Kiosk for Rural Community Empowerment in South Karnataka	IEEE SIGHT Projects	Dr Megha P Arakeri	01 Dec 2022 to 30 Nov 2023	RS 3,95,135
Game based Deep Ocean Knowledge Enrichment through Virtual Reality Simulations and Mission Dives in Indian SubContinent Context	SERB	Dr Tusar Kanti Mishra	06 Sep 2023 to 28 Feb 2026	RS 29,94,772
Design and Development of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health Care	ICMR	Dr Arun Y Patil	20 Dec 2023 to 31 Dec 2026	RS 99,28,000
Orchestrating the future of cancer detection with Quantum Innovation: Oral Premalignant detection device OPMD	Ministry of Earth Sciences	Dr Arun Y Patil	24 Dec 2023 to 30 Jun 2024	RS 1,66,817
Development of chalcogenide nanoparticles/borop hene nanosheet based hybrid supercapacitors	Manipal Academy of Higher Education (MAHE), MAHE Seed Money	Dr Hareesh K	2 years (2023- 25)	Rs 34,000
Development of smart system to detect the insulation failure and fire accidents in electric vehicle	Manipal Academy of Higher Education (MAHE), MAHE Seed Money	Mr. Mahipal Bukya	2 years (2023- 25)	Rs 30,000
	Solar Powered Information Kiosk for Rural Community Empowerment in South Karnataka Game based Deep Ocean Knowledge Enrichment through Virtual Reality Simulations and Mission Dives in Indian SubContinent Context Design and Development of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health Care Orchestrating the future of cancer detection with Quantum Innovation: Oral Premalignant detection device OPMD Development of chalcogenide nanoparticles/borop hene nanosheet based hybrid supercapacitors	Solar Powered Information Kiosk for Rural Community Empowerment in South KarnatakaSIGHT ProjectsGame based Deep Ocean Knowledge Enrichment through Virtual Reality Simulations and Mission Dives in Indian SubContinent ContextSERBDesign and Development of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health CareICMROrchestrating the future of cancer detection with Quantum Innovation: Oral Premalignant detection device OPMDManipal Academy of Higher Education (MAHE), MAHE Seed MoneyDevelopment of nanoparticles/borop hene nanosheet based hybrid supercapacitorsManipal Academy of Higher Education (MAHE), MAHE Seed Money	Solar Powered Information Kiosk for Rural Community Empowerment in South KarnatakaSIGHT ProjectsArakeriGame based Deep Ocean Knowledge Enrichment through Virtual Reality Simulations and Mission Dives in Indian SubContinent ContextSERBDr Tusar Kanti MishraDesign and Development of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health CareICMRDr Arun Y PatilOrchestrating the future of cancer detection device OPMDMinistry of Earth SciencesDr Arun Y PatilDevelopment of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health CareMinistry of Farth SciencesDr Arun Y PatilDevelopment of onal Premalignant detection device OPMDManipal Academy of Higher Education (MAHE), MAHE SeedDr Hareesh KDevelopment of chalcogenide manoparticles/borop hene nanosheet based hybrid supercapacitorsManipal Academy of Higher Education (MAHE), MAHE SeedMr. Mahipal Bukya	Solar Powered Information Kiosk for Rural Community Empowerment in South KarnatakaSIGHT ProjectsArakeri30 Nov 2023Game based Deep Ocean Knowledge Enrichment through Virtual Reality Simulations and Mission Dives in Indian SubContinent ContextSERBDr Tusar Kanti Mishra06 Sep 2023 to 28 Feb 2026Design and Development of noninvasive Point of Care Device to Screen Oral Potentially Malignant Disorders at all Level of Health CareICMRDr Arun Y Patil and Screen Oral Potentially Malignant Disorders at all Level of Earth SciencesDr Arun Y Patil at Dr Arun Y Patil and the sciences24 Dec 2023 to 31 Dec 2026Orchestrating the future of cancer detection with Quantum Innovation: OPMDMinistry of Earth SciencesDr Arun Y Patil and pathetic Sciences24 Dec 2023 to 30 Jun 2024Development of chalcogenide nanoparticles/borop hene nanosheet based hybrid supercapacitorsManipal Academy of Higher Education MAHE SeedDr Hareesh K Bukya2 years (2023- 25)Development of chalcogenide nanoparticles/borop hene nanosheet based hybrid supercapacitorsManipal Academy of Higher Education MAHE SeedMr. Mahipal Bukya2 years (2023- 25)



BENGALURU

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10	Photosensitive	Manipal	Dr. Ritwik	2 years (2022-	Rs 50,000
	Molecular	Academy	Modak	24)	13 30,000
	Encapsulation and	of Higher	Modak	<u>-</u> )	
	Protection within	Education			
	Homo and	(MAHE),			
	Heterometallic	MAHE			
	"Molecular	Seed			
	Container": A New	Money			
	Strategy in	Money			
	Phototherapy and				
	Industrial Application				
11	Development of	Manipal	Dr. Ramya M	2 years (2022-	Rs 50,000
	Amorphous	Academy	Di i nattiya M	2 years (2022- 24)	NS 50,000
	Nanocrystalline Mg-Zn-	of Higher		24)	
	Ca-Sr Alloy with Improved	Education			
	Dye Degradation	(MAHE),			
	Behavior through Single	MAHE			
	Step	Seed			
	Ball Milling	Money			
12	Development of	Manipal	Mr. Adithya G S	2 years (2022-	Rs 35,000
12	biodegradable	Academy	Mit. Autoriya G 5	2 years (2022- 24)	13 55,000
	composite metallic	of Higher		24)	
	implants for	Education			
	biomedical	(MAHE),			
	applications	MAHE			
	applications	Seed			
		Money			
13	Synthesis and	Manipal	Dr Manohar J D	2 years (2022-	Rs 50,000
ر،	characterization of	Academy		2 years (2022- 24)	
	eco-friendly	of Higher		<del>-</del> +)	
	antimicrobial	Education			
	polymers	(MAHE),			
		MAHE),			
		Seed			
		Money			
14	Biodegradable	DST	Dr Sushruta S	3 years (2023-	Rs 1046100
- <sup>-</sup>	polymeric	231	Hakkimane	2026)	13 1040100
	nanocarriers of		Hardinarie	2020)	
	antifungal drug				
	formulations to fight				
	recurrent vulva				
	vaginal candidiasis				



### • Publications (if any) out of research in last three years out of master projects.

Nil (No PG Program at Institute)

### • Industry Linkage

Regular interaction with Industry: As part of Industry-Academia connect program 2021-22, Industry experts are invited to deliver lectures to the students every Saturday morning.

### • MOUs with Industries (Minimum 3(10).

MOU has been signed with Altair Engineering India Pvt. Ltd, Bengaluru. Another MOU with Kumudha Health Tech Pvt Ltd, Manipal, Udupi is in process, RC Lab, Logiczap NextGen Technologies, Droneacharya Aerial Innovations Ltd,

#### International partnerships:

MOU signed with Network "n+i" – engineering institutes, Non-Profit Association registered under SIRET n°452 644 255 00021, 7, avenue de la Porte de Vanves– 75014 Paris France ed.

#### MOUs with the following foreign universities are under process:

University of Florida, Gainesville, USA Cranfield University, Cranfield, U.K. Nottingham Trent University, The Global Lounge, Goldsmith Street, Nottingham, U.K.

## 18. LoA and subsequent EoA till the current Academic Year - YES

# 19. Accounted audited statement for the last three years 2021-2022



BENGALURU

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SCHEDULE TO FINANCIAL STATEMENTS MANIPAL ACADEMY OF HIGHER EDUCATION Deemed University

#### MANIPAL INSTITUTE OF TECHNOLOGY, BENGALURU

#### BALANCE SHEET AS AT MARCH 31, 2022

SOURCES OF FUNDS	SCH	31 MARCH, 2022	(In Rupees) 31 MARCH, 2021
Intra-Organ. MAHE		(56,431)	
TOTAL FUND EMPLOYED		(56,431)	
APPLICATION OF FUNDS			
PROPERTY, PLANT AND EQUIPMENT	1		
Gross Block		8,87,584	
Less: Depreciation		2,95,861	
Net Block		5,91,723	-
CURRENT ASSETS, LOANS AND ADVANCES			
Other Current Assets			
Lass Courses Linkikida & and d			
Less: Current Liabilities & provisions	2	6,48,154	-
NET CURRENT ASSETS		(6,48,154)	-
TOTAL ASSETS (NET)		(56,431)	



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For SRIRAMUEUNAIDU & CO. Chartered Accountants FRN 0089755

(C.A. Sriramulu Naidu) PARTNER Membership No. 18244

2022-2023



BENGALURU

(A constituent unit of MAHE, Manipal)

SCHEDULE TO FINANCIAL STATEMENTS MANIPAL ACADEMY OF HIGHER EDUCATION Institution of Eminence Deemed to be University

#### MANIPAL INSTITUTE OF TECHNOLOGY, BENGALURU

#### BALANCE SHEET AS AT MARCH 31, 2023

SOURCES OF FUNDS	SCH	31 MARCH, 2023	(In Rupees) 31 MARCH, 2022
Intra-Organ. MAHE		76,58,39,341	(56,431)
TOTAL FUND EMPLOYED		76,58,39,341	(56,431)
APPLICATION OF FUNDS			
PROPERTY, PLANT AND EQUIPMENT	1		
Gross Block		86,95,59,570	8,87,584
Less: Depreciation		10,21,79,341	2,95,861
Net Block		76,73,80,229	5,91,723
CURRENT ASSETS, LOANS AND ADVANCES	2		
Account Receivable		3,986	
Other Current Assets		11,554	-
Loans and Advances		2,99,047	
		3,14,587	-
Less: Current Liabilities & provisions	3	18,55,475	6,48,154
NET CURRENT ASSETS		(15,40,888)	(6,48,154)
TOTAL ASSETS (NET)		76,58,39,341	(56,431)
Finale Mage - Benonuru Benonuru Benonuru	HIT-Bengalur	(C.A. SHITA	Annulu Naidu) RTNER hip No. 18244

### 20. Best Practice adopted if any

- Industry-Academia Connect Program: Industry experts are invited to deliver lectures to the students every Saturday morning.
- Mentor-Mentee Scheme: Each student has been assigned a faculty mentor for effective monitoring of his/her academic performance and mentoring of students.