

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

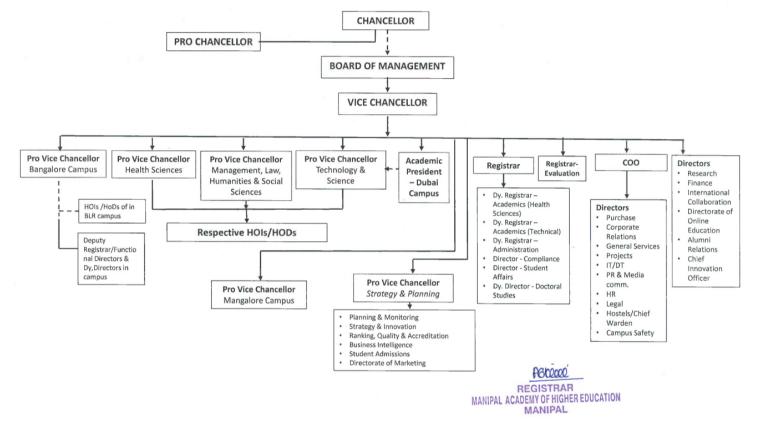
| No. | Name & Address | Designation |
|-----|---|-------------------|
| 1) | Vice Chancellor, MAHE, Manipal | Chairperson |
| 2) | Prof M D Nalapat, U 26, C/8, White Town House, DLF Qutab Enclave Phase – 3, Gurgaon – 122 002 | External Member |
| 3) | Dr V M Katoch, NASI-ICMR Chair on Public Health 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 https://rb.gy/82g2gf

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 | | | |
|---------------|---|--|--|--|
| | pH meters with combined glass electrode | | | |
| | 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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| | h) Lighting sources, two-way switches, fluorescent lamp wiring i) Electrical energy measurement in Single-phase and three-phase circuits j) Soldering practices with basic electrical circuits on PCB k) Resistor, capacitors, Diodes l) Cathode Ray Oscilloscope m) PN junction diode |
|-------------------------------------|---|
| 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: https://manipal.edu/mu/campuses/mahe-

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/



BENGALURU (A constituent unit of MAHE, Manipal) EllJJjeh-

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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) |



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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 | | - +) | |
| | antimicrobial | Education | | | |
| | polymers | (MAHE), | | | |
| | | MAHE), | | | |
| | | Seed | | | |
| | | Money | | | |
| 14 | Biodegradable | DST | Dr Sushruta S | 3 years (2023- | Rs 1046100 |
| - ⁻ | 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) | |



Mum the

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.