

**Minutes of the 93rd meeting of the Board of Management
held on Saturday, August 5, 2023, at Board Room, 4th floor,
manipal.edu building, Manipal**

The following were present:

- 1) Lt Gen (Dr) M D Venkatesh, Vice-Chancellor, MAHE, Manipal - **Chairperson**
- 2) Dr P Giridhar Kini, Registrar, MAHE, Manipal - **Secretary**

Members:

- 3) Dr H Sudarshan Ballal, Chairman - MHEPL, Bengaluru
- 4) Mr S Vaitheeswaran, Group Chief Advisor, MEMG, Bengaluru
- 5) Dr H Prakash Chandra Kincha, Chamrajpet, Bengaluru
- 6) Mr Rajen Padukone, President, Manipal Education Foundation, Bengaluru
- 7) Dr Gopalakrishna Prabhu, President, Manipal University Jaipur, Jaipur
- 8) Prof Rishiksha T Krishnan, Director, Indian Institute of Management, Bengaluru
- 9) Prof S Sadagopan, Chairman, BoG, IIITDM–Kancheepuram and Founder Director, IIIT–Bengaluru
- 10) Dr Dilip G Naik, Pro Vice-Chancellor, MAHE, Manipal
- 11) Dr (Cdr) Anil Rana, Director, MIT, Manipal
- 12) Dr Srikant N, Professor, Department of Oral Pathology and Microbiology, MCODES, Mangaluru
- 13) Dr Binil V, Associate Professor, Department of Psychiatric Nursing, MCON, Manipal
- 14) Dr Rashmi S, Assistant Professor, Department of Biotechnology, MIT, Bengaluru

Permanent/Special Invitee:

- i) Dr N N Sharma, Pro Vice-Chancellor (Strategy & Planning), MAHE, Manipal
- ii) Mr Muthana C G, Chief Operating Officer – Operations, MAHE, Manipal
- iii) Mrs Saraswathy K, Director, Finance, MAHE, Manipal

The Chairperson welcomed the Secretary, Members of the Board of Management and invitees.

Leave of absence:

- ❖ Dr Judith Angelitta Noronha, Dean, MCON, Manipal

1) Perusal and confirmation of minutes of various meetings:

1.1 Minutes of the last meeting of the Board of Management – Confirmation, and Action taken thereon:

Board of Management (BoM) unanimously confirmed the Minutes of the 92nd meeting of BoM of MAHE held on April 6, 2023, and also noted and approved the action taken thereon.

1.2 The minutes of the 74th meeting of the **Academic Council** of MAHE held on May 13, 2023 were perused and confirmed.

1.3 The minutes of the 136th and 137th meetings of the **Executive Committee** of MAHE held on January 31, 2023 and April 21, 2023 were perused and confirmed.

2) Presentation on Centre for Antimicrobial Resistance and Education:

Dr Vandana K E, Professor and HoD of Microbiology, KMC, Manipal and Coordinator of the Centre for Antimicrobial Resistance and Education (CARE) presented the overview, progress and future plans of the Centre on behalf of the Co-Coordinators Dr Chiranjay Mukhopadhyay,



Dr Muralidhar Varma, Dr Shashikiran U, Dr Mahadev Rao, Dr Asha Kamath, Dr Bharthi Magazine and Dr Suneel Mundkur.

The CARE was initiated by MAHE in November 2021 with the vision “**To tackle AMR by advancing research and education**”. This Centre is the outcome of the 14 years of several focused activities covering infection diagnostics, laboratory capacity, infection prevention and antimicrobial stewardship. Core team with a complementary domain expertise had envisioned the work plan to achieve visibility and measurable outcomes in this field. The major milestones of CARE are as follows:

Education: Several capacity building course modules to cover major stakeholders who contribute to the development of AMR such as health sciences students, doctors from IMA, IAP, nurses, clinical pharmacists, basic scientists, clinical microbiologists and public health professionals.

Research: The team has received nearly 6 crores so far in the theme ‘AMR’ from funding agencies ICMR, ISID, CDC/AIIMS/ICMR, and industry bioMerieux. There are 13 research scholars working for the PhD degree covering several problem areas of AMR ranging from basic sciences research, applied research, clinical research, and health economics. All the research themes are based on the problem statements derived after thorough situational analysis. There are several undergraduate and post graduate students guided under CARE.

Collaborations: CARE has collaborated with several institutes within MAHE in multidisciplinary research. MOU developed with Central Drug Research Institute (CDRI) of CSIR, primarily focuses on understanding genome markers of resistance and developing diagnostic assays for early detection of AMR. Several international collaborations support the PhD research and advanced clinical research on sepsis.

Effective engagement: Our work has been recognized by industry bioMerieux as Center of Excellence (CoE) in antimicrobial stewardship (AMS). Several educational initiatives, evidence synthesis and advancements in quality leading to diagnostic and antimicrobial stewardship are supported by CoE.

Future plans: a) Education courses, b) AMS consultancy, c) Propagating the AMS culture across MHE hospitals, d) Policy advocacy.

Further, the Board **suggested** the following:

- 1) Expand the program to reach to a wider community through outreach programs
- 2) To include existing large teaching hospitals for evidence synthesis of best practices
- 3) Clearly state the metrics while implementing the AMS strategies in the group hospitals
- 4) Expand ‘one-health’ approach on AMR
- 5) Generate evidence on evolution and transmission dynamics of AMR

[Presentation details are given in Annexure-I]

3) **Presentation on Centre for Consultancy, Training and Corporate Interface:**

Dr. Vikram Baliga, Associate Professor, Department of Commerce, Manipal Academy of Higher Education (MAHE) and Coordinator for Centre for Consultancy, Training and Corporate Interface (CCTCI) has presented the details of the Centre’s activities which included:

The Centre was started in the year 2015 with the objectives of providing consultancy services and training on business skills to small businesses and mid-sized companies and engage in social projects/assignments benefitting the community at large. The following projects/activities/services were undertaken by the Centre in the area of Consultancy, Corporate training and Social initiatives:

Consultancy Services:



- Provided consultancy services on Governance structure, Competency mapping and recruitment solutions to companies
- Partnered Enabling agencies and NGO's in providing consultancy services to local Farmers Producer Organizations and Community-based Enterprises.

Corporate Training:

- Offered training solutions to corporate partners in soft skills and leadership
- Provided soft skills training to 5 constituent units of MAHE.

Social Development Initiatives:

- The Centre has partnered with a credit rating agency under its CSR initiative and has organized financial literacy campaigns in local academic institutions and companies.

The Centre has also served as a consultant and advisor to the following verticals at MAHE:

- a) Nominated as a consultant in drafting the Consultancy Policy for MAHE
- b) Nominated as a consultant/advisor to the Entrepreneurship and Consultancy vertical of Kasturba Medical College, Manipal.

Further, the Board **suggested** the following:

- 1) Training efforts can focus more towards academic institutions which need skill-based training, especially in local area.
- 2) The Centre can tap opportunities to train the leaders and administrators of academic institutions.
- 3) In the case of socially relevant projects, the Centre can take up sustainable development projects that includes self-help groups, small and mid-sized companies, community-based enterprises and farmers producer organizations.
- 4) The Centre can revisit its objectives and focus on the achievement of those outcomes which are consistent with its resources and capabilities.

[Presentation details are given in Annexure-II]

4) Presentation on Research activities:

The Directorate of Research (DoR) Team, MAHE, made a presentation on the research activities of MAHE. A summary of the presentation is given below:

1. Deliberations were made on the action taken for the recommendations of the previous meeting:
 - a) PG publication
 - b) IPR technology transfer
 - c) Journal selection software
 - d) Star journals
2. Research outcome of MAHE was presented in terms of scholarly output, FWCI, Citation/paper, collaboration, Q1, Q4 and Top 10%.
 - a) Increase in all the parameters other than academic corporate collaboration was observed
3. Research expenses in terms of both intramural and extramural were presented:
 - a) Intramural and extramural grant details (both received and sanctioned) for the financial year 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24 till June 2023 were presented.
4. Activities of the Technology Transfer Office were presented:
 - a) IPR related data like patent filed, patent granted, copyright filed and granted, design filed and granted was presented for the years 2019, 2020, 2021, 2022 and 2023 (till Aug)
5. MAHE rankings research scores were presented.



6. Open Access agreement details were presented.
7. Status of initiatives presented during last BOM.
8. New initiatives were presented which included
 - a) Nature Conference
 - b) Conference publication agreement
 - c) Karger

Further, the Board **suggested** the following:

- 1) Take expert opinion while finalizing the licensing amount for technology transfer
- 2) Plan to improve the publication in star journals.

[Presentation details are given in Annexure-III]

5) Update on MAHE Manipal Admissions 2023-24:

Mr Mahesh Prabhu, Director - Admissions, MAHE, Manipal gave update on MAHE Manipal Admissions 2023-24 (as on July 31, 2023). A summary of the presentation is given below:

1. Applications & Admissions Summary:
 - Applications and Admissions Summary for 2021, 2022 and 2023 (as on 31 July 2023)
2. Intake Vs Admissions:
 - Stream-wise Admission status of 2023
3. Marketing Activities:
 - Marketing Spends and Activities (Cost per Application and Admission)

Further, the Board **suggested** the following:

- 1) to monitor the Performance Campaigns and continuing only those campaigns which are giving better results.

[Presentation details are given in Annexure-IV]

6) Discussion on Pros & Cons of participation in subject specific NIRF Rankings as University / Constituent Units:

Dr. N N Sharma, Pro Vice-Chancellor (Strategy and Planning), MAHE, made a presentation on the Pros & Cons of participation in subject specific NIRF Rankings as University / Constituent Units. A summary of the presentation is given below:

Presentations/Deliberations were made on the following:

- i) MAHE's NIRF year-wise ranking comparison in terms of (i) University level and (ii) Overall, from the inception year 2016 to 2023, and also (iii) Research.
- ii) The major parameters, weightage, allotted scores, the finer aspects, break up scores in the ranking.
- iii) MAHE's 2023 scores and the areas that MAHE could improve.
- iv) Peer comparison with top ranking universities.
- v) Comparison of MAHE constituent units in NIRF 2023 ranking were also made – some institutes were improved their ranking, some of them were retained the same rank, and some were slipped in ranking.
- vi) Comparison in terms of ranking also made if MAHE units (KMC, Manipal/Mangalore, MIT, Manipal and TAPMI, Manipal) participate under Institute level and University level in the coming years NIRF ranking.

After discussion and deliberation, the Board was decided to maintain the status quo and shall be reviewed after two years.

[Presentation details are given in Annexure-V]

7) Update on MAHE's contribution in G20 events:

The Vice-Chancellor gave update on MAHE's engagement in G20 and publications. A summary of the presentation is given below:

- MAHE has been an active participant in the policy space during India's G20 presidency by being closely involved with the G20 engagement groups:
 - Think 20 (T20)
 - Women 20 (W20)
 - Civil 20 (C20)
- By engaging in the policy sphere, a positive step has been taken by MAHE to bridge the gap between academia, research and policy/practice.
- MAHE's representation in various events related to G20.
- MAHE Hosted T20/W20/G20 University connect programs
- Key outputs:
 - in terms of publication of four Think 20 Policy briefs and contribution to policy discussion by PSPH, Manipal.
 - a working paper on Women in Higher Education for Enabling Leadership which is now available on the W20 website.

The Board suggested to continue some of the G20 activities in MAHE.

[Presentation details are given in Annexure-VI]

8) Additional Dr T M A Pai Scholarships for PhD admissions for the Academic Year 2023-24:

It was resolved to approve increase of intake in Dr T M A Pai PhD Scholarship program from 300 to **400 students** from the academic year 2023-24.

9) Tenure of the Pro Vice-Chancellor, MAHE, Mangaluru campus:

It was resolved to extend the tenure of Dr Dilip Gopinath Naik (DoB: 19-01-1959) as Pro Vice-Chancellor, MAHE, Mangaluru campus for a further period of **two** years from 01-02-2024. He will complete his present tenure on 31-01-2024.

10) Confirmation of Circular Resolution:

The Board has perused and confirmed the following circular resolutions passed by the Board members, through email, after the last Board meeting held on April 6, 2023:

10.1) Circular Resolutions dated 31-05-2023 for Availing Rupee Term Loan for construction of Academic Blocks at MAHE Bengaluru campus:

The Vice Chancellor informed the Board that MAHE has approached ICICI Bank Limited in its capacity as an arranger (the **MLA**), the facility agent (the **Agent**) and an original lender in connection with availing a syndicable rupee term loan aggregating to INR 4,18,00,00,000 (Indian Rupees Four Hundred and Eighteen Crores only) (the **Total Commitment**) (the **Facility**). The facility is to be used to inter alia to fund the establishment of a university in the state of Karnataka ("Project") and allied capex.

The Vice Chancellor informed the Board that the MLA has agreed to arrange the Facility on the terms and conditions set out in the credit arrangement letter dated October 20, 2022 and amendatory credit arrangement letter dated May 16, 2023 issued by ICICI Bank Limited to MAHE bearing number CAL173643664485 and CAL15803976003 respectively and sanction letter dated March 08, 2023 bearing number HDFC/IB/PSF/MAHE/03/03 issued by HDFC Bank, a copy of which was initialled by the Vice Chancellor and circulated to the Trustees.

The Vice Chancellor informed the Board that in consideration of the Facility proposed to be made available to the MAHE pursuant to the Facility Agreement and as security for the said Facility, MAHE is required to create:

- (a) a first ranking security interest over a debt-service reserve account ("**DSR Account**") to be established by MAHE with ICICI Bank Limited (acting in its capacity as an 'account bank') (the **Account Bank**) and all amounts standing to the credit of, or accrued or accruing on the DSR Account from time to time;
- (b) a first ranking security interest over all the fixed deposits, mutual fund units and all other moneys, securities, instruments, investments and other properties deposited in, credited to, created from, or required to be deposited in, credited to, or created from the DSR Account and proceeds of all such securities, fixed deposits, instruments, investments and other properties in accordance with the provisions of the Facility Agreement;
- (c) a first-ranking security interest (by way of hypothecation) over (i) all of MAHE's movable fixed assets, both present and future (excluding land, and buildings and structures constructed thereon) in respect of the Project, and (ii) all receivables and cash flows paid to or accruing to MAHE in respect of the Project, both present and future (collectively the "**Project Assets**"); and
- (d) a first ranking security interest by way of mortgage over freehold rights, title and interest of MAHE in land of the area 64 acres 8.3 guntas situated at Sy no Survey Nos. 5, 7, 8, 9, 10, 12, 13, 14, 15/3 and 19 of Vasudevapura Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore Urban District, Survey Nos. 4, 5, 14, 16 and 17 of Govindapura Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore Urban District, Survey Nos. 12, 11/2 of Kenchanahalli Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore Urban District - 560064 ("**Project Land**") and structures thereon.

all the assets referred to in paragraphs (a), (b), (c) and (d) above, shall collectively referred to as the **Secured Assets**,

each, in favour of the Agent or security trustee (the **Security Trustee**) or any other agent of the Security Trustee, acting for and on behalf of the lenders. All the documents to be entered into for the creation and perfection of the charge over the Secured Assets (including but not limited to the memoranda of entry, declarations, deed of hypothecation, power of attorney, assignment deed and such other documents in this connection together with the security trustee agreement) are hereinafter referred to as the **Security Documents**.

The documents to be entered into by MAHE in relation to the Facility, including the Facility Agreement, the Security Documents and all other ancillary documents and instruments to be executed by MAHE in relation to the Facility are hereinafter referred to as the **Finance Documents**.

After due deliberations and by virtue of the powers vested in the Board under the trust deed dated May 20, 1993 as per which the Trust was constituted (as amended, reinstated or modified from time to time) ("**Trust Deed**"), and the Memorandum of Association of MAHE dated September 12, 2018, the Board is authorised to pass the following resolutions (including by way of circulation):

"RESOLVED THAT MAHE do avail the Facility from the lenders on the terms and conditions set out in the Finance Documents.

RESOLVED FURTHER THAT in consideration of the Facility to be provided to MAHE, the consent of the Board be and is hereby accorded for creating and perfecting the security interest over the Secured Assets to secure all its obligations under and in relation to the Facility.

RESOLVED FURTHER THAT: (i) the terms of and the transactions contemplated by the Finance Documents and such other documents (including but not limited to deeds, powers of attorney, declarations, letters or writings) to be entered pursuant thereto, to which MAHE is a party, are hereby approved, including without limitation the provisions pertaining to appointment of a nominee member to the Board by the lenders in accordance with applicable law, upon occurrence of an Event of Default (as defined in the Finance Documents), and (ii) MAHE shall execute all such documents and instruments to which it is a party.

RESOLVED FURTHER THAT [Lt. Gen. (Dr.) M. D. Venkatesh (Retd), (Dr.) P Giridhar Kini, Registrar, Mrs. Saraswathy K, Director Finance of MAHE and Mr. Vasantha Krishna Konadka, Legal Counsel, MEMG] (collectively, the **Authorized Persons**) be and are hereby severally authorized to: (a) finalise the terms on which the Facility may be availed by MAHE; (b) negotiate, finalise, and execute the Finance Documents and such other documents (including but not limited to deeds, powers of attorney, declarations, letters or writings) pursuant thereto which may be required and to do all such other acts, matters, deeds and things necessary or desirable in connection with or incidental to giving effect to the above resolution (including appointing the Security Trustee and the Account Bank).

RESOLVED FURTHER THAT the Authorised Persons be and are hereby severally authorised to sign and/or dispatch all documents and notices to be signed and/or dispatched by MAHE under or in connection with the Finance Documents.

RESOLVED FURTHER THAT if required by any lenders, the Authorised Persons be and are hereby severally authorised to deposit or constructively deliver the title deeds of the immovable properties of MAHE with the lenders (including any agent or the Security Trustee) for creation of equitable mortgage and provide any declaration/undertaking on behalf of MAHE as may be required in relation to the creation of equitable mortgage over immovable properties of MAHE for any facilities availed.

RESOLVED FURTHER THAT the Authorized Persons be and are hereby authorized severally to take all necessary and appropriate steps relating to Finance Documents including creation, perfection and registration of any security interest over the Secured Assets including registering charges with the relevant sub-registrar of assurances, where required, and also to sign and submit the necessary forms with the income tax authorities and other relevant governmental authorities.

RESOLVED FURTHER THAT each Authorized Person be and are hereby severally authorized to accept, negotiate and execute any amendments or variations or supplements to any of the Finance Document on behalf of MAHE in relation to the Facility as and when they become necessary and to sign such amendments or supplements and other papers which may be required in this regard.

RESOLVED FURTHER THAT a copy of the resolution certified to be true by any member of the Board be furnished to the lenders, the Agent and the Security Trustee, who shall be entitled to rely upon and act pursuant to the same.”



- 10.2) Circular Resolutions dated 31-05-2023 Change in authorized signatory for the Rupee Term Loan of 483 crores availed from the ICICI Bank Ltd, for construction of Hostel buildings at Jamshedpur (90 crores) and Bengaluru (393 crores) campuses:

The Secretary informed the Board of Management ('Board') of MANIPAL ACADEMY OF HIGHER EDUCATION ('MAHE'), that pursuant to the authorization passed by the Board dated 16th June 2022 ("Master Resolution"), the MAHE had availed a syndicable rupee term loan comprising of two facilities viz. (a) a term loan of INR 90,00,00,000 (Indian Rupees Ninety Crore Only) and (b) a term loan of INR 393,00,00,000 (Indian Rupees Three Hundred and Ninety Three Crores Only) aggregating to INR 4,83,00,00,000 (Indian Rupees Four Hundred and Eighty Crores only) from ICICI Bank Ltd, Axis Bank Ltd and IndusInd Bank Ltd as per facility agreement dated 20th June 2022.

The Secretary informed the Board that there is a change in signatories who which were initially authorized per Master Resolution, to sign on all the documents pertaining to the facilities, including all amendments, changed in the terms and conditions pertaining to the Facilities, and for other matters specified in the Master Resolution, from time to time.

The Secretary informed the Board that as per applicable laws, including but not limited to University Grants Commission (Institutions Deemed to be Universities) Regulations, 2016, as per the Trust Deed dated May 19, 1993 as per which the Trust was constituted, as amended from time to time ('Trust Deed'), and the Memorandum of Association of the Trust dated September 12, 2018 (the "Memorandum"), the Board is authorized to pass a resolution towards the same (including by way of circulation).

The Secretary further informed the Board that the Board of Trustees of MAHE have also been consulted in relation to change in signatories, and the Board of Trustees have consented to the same as well. Accordingly, the matter is placed before the Board Members for approval through circulation, it is therefore:

"RESOLVED THAT

1. Consent of the Board be and is hereby accorded to remove the following Authorized Signatories referred in Table A below (who were authorized in the Master Resolution) and replace them with the new Authorized Signatories referred in Table B below ("New Signatories"), with effect from the date of this resolution.

Table A:

S No.	Name	Designation
1	Dr Narayana Sabhahit	Registrar
2	Mr V Rangarajan	Director, Finance

Table B:

S No.	Name	Designation
1	Dr P Giridhar Kini	Registrar
2	Mrs. Saraswathy K	Director, Finance

2. New Signatories, be and are hereby severally authorized to -
 - (i) complete all statutory, regulatory and other formalities for availing / extending / renewing the Facilities and providing the security therefor in the manner stipulated by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s);
 - (ii) execute fair engrossments of approved documents including security documents in the manner required by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s);



MANIPAL

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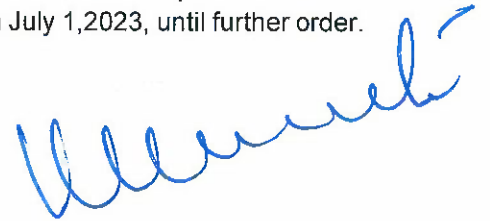
(Institution of Eminence Deemed to be University)

- (iii) procure and furnish security including but not limited to mortgage of properties for the Facilities in the manner required by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s);
 - (iv) accept amendment(s) to any of the executed documents as may be suggested by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s), from time to time and execute all such documents to give effect to the amendment;
 - (v) execute / furnish / authenticate / certify / collect / acknowledge / submit all deeds, documents, undertakings, declarations, letters, applications, statements, outstanding dues, acknowledgement of debt, etc. in respect of the Facilities as may be required by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s) from time to time;
3. New Signatories, be and are hereby severally authorized to do such acts, deeds and things for completing all statutory, regulatory and other formalities post documentation and security creation, as may be required from time to time, within the time limit stipulated under law or by Lender(s), or agents/security trustee(s) acting on behalf of Lender(s);
 4. Remaining all terms and conditions of the Master Authorization remain valid, shall continue to be in force and this resolution shall be read in conjunction with the Master Resolution.
 5. Copies of the foregoing resolutions, certified to be true by the Member/Secretary of the Board, be furnished to Lender(s), or agents/security trustee(s) acting on behalf of Lender(s) and they be requested to act thereon."
- 11) **Authorization to receive financial assistance / grants / funds:**
It was resolved that the Registrar of Manipal Academy of Higher Education (MAHE), Manipal is authorized to receive the financial assistance / grants / funds from agencies such as Department of Science and Technology (DST), Department of Biotechnology (DBT), Indian Council for Medical Research (ICMR), Council of Scientific and Industrial Research (CSIR), University Grants Commission (UGC), Science and Engineering Board (SERB), Private Companies, Foreign Universities/Research Centres/Companies and such other funding agencies to organize Workshops / Conferences / Continuing Education Programs / Promotion of Academic and Research activities etc., in the University or constituent Institutes / Colleges / Schools / Departments / Centers.
- 12) **Appointment of Heads of constituent Units under MAHE:**
The Board took note of the following new appointments as Heads of constituent under MAHE:
- a) Dr M Durga Prasad, Professor & Dean (Administration) as the **In-charge Director** of T A Pai Management Institute (TAPMI), Manipal with effect from June 1, 2023, until further order
 - b) Dr Jyothi Prasanna S, Professor as the **In-Charge Dean** of Manipal Institute of Regenerative Medicine (MIRM), Bengaluru, with effect from July 1, 2023, until further order.

The meeting ended with a vote of thanks by the Registrar.



SECRETARY



CHAIRMAN