



MAHE/DREG/ACM/2701/2024/Tech/15  
29th January 2024

The Head  
Manipal Centre for Humanities  
Manipal

Dear Sir

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 76th Academic Council meeting held on 27th January 2024:

The Academic Council **approved** the following:

- Closure of BA (Humanities) from the AY 2024-25 onwards.
- **Starting of BA (Honours) program with Majors and Double Majors from the AY 2024-25 onwards and creation of research track for IV year of the program**

**Suggestion: BA (Aesthetics and Peace Studies) conducted by GCPAS to be discontinued and subjects related to Gandhian studies to be included as major/minor options in the new BA (Honours) program.**

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Director, Gandhian Centre for Philosophical Arts and Sciences, MAHE
6. Deputy Registrar - Academics (Technical), MAHE, Manipal



MAHE/DREG/ACM/1701/2025/HS4  
January 20, 2025

The Dean  
Kasturba Medical College  
Manipal

Dear Sir,

Sub: Decisions taken in the Academic Council Meeting

The following is the decision taken in the 79th Academic Council meeting held on 17th January 2025:

The Academic Council **approved** the following:

4.1 M.Sc. programs:

- Starting of M.Sc. by Research in Neuroscience from the academic year 2025-26 onwards and approval of program structure and syllabus
- Introduction of subject-specific electives in the 2<sup>nd</sup> and 3<sup>rd</sup> semesters of MSc programs from the 2024-25 admission batch onwards

4.2 Medical Superspeciality and Fellowship programs:

- Starting of the following superspeciality programs from the academic year 2024-25 onwards
  - ✓ D.M. (Endocrinology)
  - ✓ D.M. (Paediatric Oncology)
  - ✓ D.M. (Neonatology)
  - ✓ M.Ch. (Head & Neck Surgery)
- Starting of the following fellowship programs from the year 2025 onwards
  - ✓ Fellowship in Gastrointestinal and Hepato Pancreatico Biliary Surgery
  - ✓ Fellowship in Advanced GI Endoscopy
  - ✓ Fellowship in Glaucoma
  - ✓ Fellowship in Medical Retina and Uvea
  - ✓ Fellowship in Neuro-Radiation Oncology
  - ✓ Fellowship in Advanced Radiation Oncology Techniques
  - ✓ Fellowship in Stereotactic Body Radiotherapy (SBRT) in Thoracic and Gastrointestinal Oncology
  - ✓ Fellowship in Regional Anaesthesia to be certified by Academy of Regional Anaesthesia of India
- Change in the question paper pattern for D.M. (Medical Oncology) final examination to 10 questions of 10 marks each for the 2022 batch onwards.



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- Adoption of PGMER2023 guidelines regarding eligibility criteria for appearing for the final examination in all medical postgraduate and superspeciality programs with immediate effect

Yours faithfully,

**Dr. P. Giridhar Kini**  
Registrar

**Copy to:**

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Dean, KMC, Mangaluru
5. Director, Admissions, MAHE
6. Deputy Registrar - Academics (Health Sciences), MAHE, Manipal



# MANIPAL

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(Institution of Eminence Deemed to be University)

MAHE/DREG/ACM/2701/2024/Tech/14

29<sup>th</sup> January 2024

Dean  
TAPMI, Bengaluru

Dear Sir,

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 76<sup>th</sup> Academic Council meeting held on 27<sup>th</sup> January 2024:

- Refocusing and renaming the 8-week Corporate Internship pursued by the students of BBA Honors (Batch of 2022-23)
- Refocusing and renaming the 16-week Management-in-Practice (MIP) project internship being pursued by the students of BBA Honors (Batch of 2022-23) to Corporate Internship
- Evaluation and Grading of the International Immersion Program for the students pursuing BBA Honors (Batch of 2022-23)
- Evaluation and Grading of the three Internships for the students pursuing BBA Honors (Batch of 2022-23)
- Starting of MBA (Technology Management) from the academic year 2024-25 onwards
- Introduction of the T. A. Pai scholarship for TAPMI Ph.D. students applicable from the batch of 2023-24 onwards
- Ratification of the increase in intake for BBA Honours from 120 to 240 for the AY 2023-24
- Approval for the increase in intake for BBA Honours from 240 to 300 for the AY 2024-25 onwards

Yours faithfully,

Dr. P. Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



MAHE/DREG/ACM/2701/2024/HS4  
29th January 2024

The Dean  
Manipal College of Health Professions  
Manipal

Dear Sir,

Sub: Decisions taken in the Academic Council Meeting

The following is the decision taken in the 76th Academic Council meeting held on 27th January 2024:

The Academic Council approved the following:

4.1 Starting of the following new programs from the academic year 2024-25 onwards

- M.Sc. (Medical Radiochemistry) to be offered as an integrated M.Sc-PhD program with an option to exit with a M.Sc. at the end of two years. The program will be subject to MAHE regulations for Integrated Master's-PhD programs
- M.Sc. (Radiotherapy Technology)
- MOT (Occupational Therapy for the Ageing Adult)
- MPT (Oncology)

4.2 Discontinuation of M.Sc. MLT (Public Health Laboratory Science) from the academic year 2024-25 onwards.  
Public health Laboratory Science will be added as an elective within the existing PG specializations

4.3 Change in nomenclature and duration of the program: B.Sc. (Psychology), a 3-year program will be offered as B.Sc. (Clinical Psychology) with 3 year coursework and 1 year mandatory internship effective from the 2024-25 admissions onwards.

4.4 Revised program regulations for all UG and PG programs (credit hours, duration, examination, progression to higher semester) to be applicable from the academic year 2024-25 onwards

Yours faithfully,



Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Health Sciences), MAHE, Manipal



MAHE/DREG/ACM/2701/2024/Tech/19  
29th January 2024

The Director  
Manipal School of Architecture and Planning  
MAHE, Manipal

Dear Madam

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 76th Academic Council meeting held on 27th January 2024:

The Academic Council approved the following:

- Starting of Master of Design (Product Design) from the AY 2024-25 onwards.

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



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MAHE/DREG/ACM/1409/2024/Tech10  
16th September 2024

The Director  
Manipal School of Information Sciences  
Manipal

Dear Madam

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 78th Academic Council meeting held on 14th September 2024:

The Academic Council **approved** the following applicable from the academic year 2024-25 onwards:

- Starting of Master of Engineering - M.E. (Computer Science) program.
- Starting of Master of Engineering - M.E. (Automotive Embedded Systems) with ESIGELEC, France (Study Abroad Program).

**Suggestion: Explore the possibility of attracting students from ESIGELEC, France to Manipal**

Yours faithfully,

Dr. P. Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



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MAHE/DREG/ACM/1309/2023/Tech/15  
14 September 2023

The Head  
Department of Liberal Arts, Humanities and Social Sciences  
MAHE Bengaluru Campus

Dear Madam

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 75th Academic Council meeting held on 13th September 2023:

The Academic Council **approved** the following.

- Starting of the MSc Applied Psychology programme and approval for curriculum and regulations from the academic year 2024-25 onwards.
- Introduction of the new courses - Media and Society - II Semester BA Journalism and Mass Communication; Creative Writing for IV Semester BA English from the academic year 2023-24 onwards
- Approval of the revisions in the UG & PG Curriculum from the academic year 2023-24 onwards.

**Suggestion:** Curriculum of MSc Applied Psychology program offered in DLHS, Bengaluru and MAHE Dubai campus should be aligned and any additional courses required may be offered as electives. The revised curriculum should be presented for approval in the next academic council meeting

Yours faithfully,

Dr. P. Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal
6. Deputy Registrar - MAHE, Bengaluru Campus



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MAHE/DREG/ACM/2505/2024/HS10  
27th May 2024

The Director  
Manipal School of Life Sciences  
Manipal

Dear Sir,

Sub: Decisions taken in the Academic Council Meeting

The following is the decision taken in the 77th Academic Council meeting held on 25th May 2024:

The Academic Council **approved** the following:

- 10.1 Starting of M.Sc. (Biomolecular Physics) from the academic year 2024-25
- 10.2 Approval of revised regulations and syllabus for the four years B.Sc. (Honours) in Biotechnology program as per new UGC curriculum and credit framework guidelines applicable from the academic year 2024-25

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Health Sciences), MAHE, Manipal



MAHE/DREG/ACM/2701/2024/HS5  
29th January 2024

The Incharge Dean  
Manipal Institute of Regenerative Medicine  
Bengaluru

Dear Madam

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 76th Academic Council meeting held on 27th January 2024:

The Academic Council **approved** the following:

Starting of the following new programs from the academic year 2024-25 onwards

- M.Sc. by Research in Translational Immunology
- Advanced Postgraduate Diploma in Digital Imaging in Molecular Diagnostics

**Suggestion: Students pursuing M.Sc. by Research in Translational Immunology may be allowed to do their research project in Industry or any suitable MAHE Institution in Bengaluru or Manipal Campus**

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Health Sciences), MAHE, Manipal
6. Deputy Registrar - MAHE, Bengaluru Campus



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MAHE/DREG/ACM/2505/2024/Tech/24  
27th May 2024

The Head  
Department of Commerce  
MAHE, Manipal

Dear Sir

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 77th Academic Council meeting held on 25th May 2024:

The Academic Council approved the following:

1. Starting Masters of Sports Management programme from the academic year 2024-25.
2. Regulations and curriculum for Masters of Sports Management programme from the academic year 2024-25.

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



# MANIPAL

ACADEMY of HIGHER EDUCATION

(Institution of Eminence Deemed to be University)

MAHE/DREG/ACM/2701/2024/Tech/08

29<sup>th</sup> January 2024

Director  
MIT, Manipal

Dear Sir,

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 76<sup>th</sup> Academic Council meeting held on 27<sup>th</sup> January 2024:

### 8.1 First Year Engineering, MAHE:

- Introduction of Integrated M Tech-PhD programme from the academic year 2024-25 onwards
- Revised curriculum for first year B Tech CSE stream from the academic year 2024-25 onwards

### 8.2 Electrical stream in Engineering, MAHE:

#### 1) Department of Biomedical Engineering:

- A. Syllabus of the NPTEL course for B.Tech. Honours - Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning with immediate effect
- B. Syllabus of the new program elective course for M.Tech. programs - Neuroengineering with immediate effect

#### 2) Department of Electronics & Communication Engineering:

- A. Second year syllabus of new Program - B.Tech. in Electronics Engineering (VLSI Design and Technology) with immediate effect
- B. MOOC Courses for B.Tech. Honours: Medical Image Analysis, Deep Learning, VLSI Design Flow: RTL to GDS, Fundamentals of Micro and Nanofabrication with immediate effect

#### 3) Department of Electrical & Electronics Engineering:

- A. Syllabus of the NPTEL course for B.Tech. Honours - Smart Grid: Basics to Advanced Technologies & Addition of 1 credit Mini-Project with immediate effect
- B. Syllabus of the customized course (with NPTEL & COURSERA modules) for B.Tech. Honours - Introduction to Industrial IoT & Digital Twin Technology with immediate effect

#### 4) Department of Mechatronics:

- A. Syllabus of the new program elective course - Industrial Data Analytics for Mechatronics with immediate effect

B. Approval for 2+2 transfer/ dual degree program for Bachelor of Engineering (Honours) in Mechatronics Engineering in academic collaboration with Deakin University, Australia from academic year 2024-25 onwards

#### 5) Department of Instrumentation and Control Engineering MIT, Manipal:

- Increase of intake in B.Tech (Cyber physical systems) from present 60 to 120 and reduction of intake of B.Tech in Electronics and Instrumentation Engineering to 60 from present 120 from academic year 2024-25 onwards

#### 6) Reduction in the intake / Closure of following M.Tech. programs from the AY 2024-25:

Department	Program Title	Reduction / Closure
Bio-medical	Biomedical Engineering	Reduction from 25 to 18
	Medical Informatics	Reduction from 30 to 12
Electronics & Communication	Digital Electronics & Communication	Reduction from 30 to 18
	Wireless and Mobile Communications	Closed
Electrical & Electronics	Power Electronics & Drives	Reduction from 18 to 6
	Electric Vehicle Technology	Reduction from 30 to 18
Instrumentation & Control	Embedded Control and Automation	Reduction from 18 to 6
	Internet of Things	Closed
Mechatronics	Industrial Automation & Robotics	Reduction from 30 to 18



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## 8.3 Mechanical stream in Engineering, MAHE:

- Massive Open Online Courses (MOOCs) for B. Tech. (Honours) students applicable from AY 2023-24.
- Matters related to the UG syllabus applicable for the Curriculum 2022:
  - New Program Elective Course - Microfluidics for B. Tech. Mechanical Engineering.
- Reduction in the intake of UG and PG programs applicable from AY 2024-25.

Department	Program name	Current Intake	Proposed Intake
Mechanical and Industrial Engg.	B. Tech. Industrial Engg.	60	30
	M. Tech. Computer Aided Analysis and Design	30	18
	M. Tech. Manufacturing Engineering	18	06
	M. Tech. Thermal Sciences and Energy Systems	18	12
Aeronautical and Automobile Engg.	M. Tech. Automobile Engineering	30	18
	M. Tech. Avionics	30	18
	M. Tech. Defence Technology	30	18
	M. Tech. Applied Computational Fluid Dynamics	30	18

- Approval for 2+2 dual degree program with Deakin University for Bachelor of Engineering (Honours) - Mechanical Engineering applicable from AY 2024-25.
- Approval for 2+2 dual degree program with the University of Queensland for Bachelor of Engineering (Honours) - Mechanical Engineering applicable from AY 2024-25.

## 8.4 Computer stream in Engineering, MAHE:

### 1) Department of Information and Communication Technology:

Reduction in the intake for MTech from AY 2024-25.

- Machine Intelligence and Decision Science from 30 to 18
- Software Engineering from 18 to 12.

### 2) Department of Data Science and Computer Application:

- NPTEL courses to be offered to B.Tech (Honours) students with immediate effect.
- Increase in intake of Master of Computer Applications from current 120 to 180 from AY 2023-2024 onwards

### 3) Department of Humanities and Management:

- Revised course structure and syllabus of B.Tech. (Computer Science and Financial Technology) for the students admitted from the academic year 2023-2024 onwards
- Starting of a new Program - Integrated Dual Degree with MTech. (Entrepreneurship) applicable for the B.Tech. students admitted to any branch at MIT, Manipal, during the academic year 2023-2024.
- Revised syllabus of Minor courses - Intellectual Property Management, Financial Econometrics from AY 2023-2024 onwards
- Revised syllabus of M.Tech. (Engineering Management) - Business Analytics (HUM 5215) from AY 2023-2024 onwards
- Two core Courses handled during B. Tech. third year - Essentials of Management, and Engineering Economics and Financial Management to incorporate online courses (Coursera/Swayam) as one of the components for internal evaluation from AY 2023-2024 onwards
- Reduction in the intake of M.Tech. (Engineering Management) from 18 to 6 from AY 2024-25 onwards

### 4) Department of Mathematics:

- Approval for Vision, Mission statements from AY 2023-24 onwards

## 8.5 Building Science, Chemical, and Biotechnology stream in Engineering, MAHE:

- Reduction in Intake of MTech (Environmental Engineering) from 30 to 18 from academic year 2024-25 onwards
- Collaboration with L&T EduTech for offering industry-oriented courses as a flexible core and minor specialization from academic year 2024-25 onwards



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- Introduction of dual degree program with UQ School of Civil Engineering, University of Queensland, Australia: offering Bachelor of Engineering (Honours) Civil Engineering from academic year 2024-25 onwards

## 8.6 Department of Sciences:

- Revised program structure and syllabus of M.Sc. (Applied Mathematics & Computing), M.Sc. (Physics), M.Sc.(Chemistry) and M.Sc. Geology applicable from academic year 2024-25 onwards
- Starting of M.Sc.(Chemistry) as WILP program for employees of CIPLA from February 2024 onwards

Yours faithfully,



Dr. P. Giridhar Kini  
Registrar

### Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



MAHE/DREG/ACM/2505/2024/Tech/13  
27th May 2024

The Director  
Manipal Institute of Technology  
Manipal

Dear Sir

Sub: Decisions taken in the Academic Council Meeting.

The following is the decision taken in the 77th Academic Council meeting held on 25th May 2024:

The Academic Council approved the following:

**13.1 First Year Engineering, MAHE:**

- Additional guidelines for final year B Tech project work/practice school with immediate effect  
The students may be allowed to carry out their project work/Internship during their 7th semester/both 7th and 8th semester, subject to the following conditions:  
1.Those who wish to carry out their project work during their 7th semester instead of 8th semester, the program electives and open elective courses of their 7th semester shall be studied during their 8th semester by using the following option.  
Equivalent or alternate courses in NPTEL as identified by the department. The concerned department shall get approval from the academic council regarding the equivalent or alternate courses.  
2.For the students who wish to carry out the project during both 7th and 8th semester, the program electives and open electives of 7th semester are to be completed via NPTEL platform. The concerned department shall get approval from the academic council regarding the equivalent or alternate courses. In case any of such students are unable to complete these courses before the end of their 8th semester, they may be allowed to complete those courses after the 8th semester via NPTEL or proctored learning mode. Proctored learning students will be required to go through the recorded video lectures of the respective subjects prescribed by the departments.  
3.The policy is applicable only for students who secure the project internship offer through the Placement Cell /official channel at MIT Manipal.  
4.Students who undertake internships during 7th semester should report to the institute at the beginning of 8th semester and may have to work on a project assigned by the department. Respective departments will be required to share the list of such students mentioning the equivalent or alternate course details and the mode of course delivery with the office of Associate Director-Academics at the beginning of the respective semester.
- Swapping /Re-distributing some of the courses of first and second semesters for first year B.Tech. [CSE stream] with immediate effect

**13.2 Electrical stream in Engineering, MAHE:**

**1) Courses Offered by L&T EduTech: (applicable to 2022 admission)**

**A. Addition of following flexible core courses:**

Type of Course	Sem	Title of Course	Common to
Flexible Core 1	5	Foundations of EV & Hybrid Vehicles	EEE, ECE, BME, ICE, MTE, MME, MIE
		EV Mechanical Design, Development & Analysis	Automobile



Flexible Core 2	6	Automotive Mechanics for Electric Vehicles	EEE, ECE, BME, ICE, MTE, MME, MIE, Automobile
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**B. Replacement of Minor “Electric Mobility” & “Hybrid and Electric Vehicle Technology” by the Minor “E-Mobility”:**

Sem	Title of Course	Common to
6	EV Battery Technology and Power Train Development	EEE, ECE, BME, ICE, MTE, MME, MIE, Automobile
6	EV Charging Infrastructure, Vehicle Testing & Homologation	EEE, ECE, BME, ICE
	EV Product Development, Homologation & Hydrogen FCEV	MTE, MME, MIE, Automobile
7	EV Vehicle Design & Analysis	EEE, ECE, BME, ICE, MTE, MME, MIE, Automobile
7	EV Data Analytics & Cyber Security	EEE, ECE, BME, ICE
	EV FEA Analysis	MTE, MME, MIE, Automobile

**2) Department of Biomedical Engineering:**

Revised syllabus of the course “BME 5142 Biomedical Signal Processing Lab” of M.Tech. in Biomedical Engineering applicable to 2023 admission.

**3) Department of Electronics & Communication Engineering:**

Syllabus of the following NPTEL courses for B.Tech. Honours with addition of 1 credit mini-project applicable to 2021 admission:

- A. Design and Analysis of VLSI Subsystems
- B. Modern Computer Vision

**4) Department of Electrical & Electronics Engineering:**

Syllabus of the NPTEL course for B.Tech. Honours “Optimization from Fundamentals” with addition of 1 credit mini-project applicable to 2021 admission.

**5) Department of Instrumentation & Control Engineering:**

- A. Revised Title and new code for the course “ICE 2225 Communication Systems” of IV Semester B.Tech. in Electronics & Instrumentation as “ICE 2229 Communication Techniques” applicable to 2022 admission.
- B. Revised Title for the course “Communication Networks Laboratory” of IV Semester B.Tech. in Cyber Physical Systems as “ICE 2243 Communication Systems Laboratory” applicable to 2022 admission.
- C. Replacement of the flexible core course “ICE 3130 Smart Sensors” by the new course “Introduction to Augmented and Virtual Reality” to V Semester B.Tech. in Cyber Physical Systems and shifting the course “Smart Sensors” to Program Electives applicable to 2022 admission.
- D. **Starting of M.Tech. (Immersive Technologies) from the AY 2024-25 and approval of program structure and syllabus**

**6) Department of Mechatronics:**

A. Syllabus of the following NPTEL courses for B.Tech. Honours applicable to 2021 admission:

- ✓ Automation in Manufacturing
- ✓ Mechanics and Control of Robotic Manipulators
- ✓ EV - Vehicle Dynamics and Electric Motor Drives
- ✓ Introduction to Industry 4.0 And Industrial Internet of Things
- ✓ Wheeled Mobile Robots

B. Revision of Syllabus of MTE 5413 Virtual Reality and shifting from PE to OE to M.Tech. programs applicable to 2023 admission.

C. Introduction of industry-linked Program Elective “Heavy Vehicle Technology” to B.Tech. in Mechatronics applicable to 2021 admission.



**13.3 Mechanical stream in Engineering, MAHE:**

- a. Introduction of Flexible Core and Minor Specialization courses offered by L&T EduTech. (Applicable to AY 2024-25)
  - Department of Mechanical & Industrial Engineering.
  - Department of Aeronautical & Automobile Engineering.
- b. Introduction of Open and Program Elective courses for B. Tech. program. (Applicable to AY 2024-25)
- c. NPTEL Courses for B. Tech. (Honours) students of Dept. of Aeronautical & Automobile (Applicable to AY 2023-24)

**13.4 Computer stream in Engineering, MAHE:**

**1. Department of Computer Science & Engg:**

BTech Honours Course list for the even Sem 2024

**2. Department of Information and Communication Technology:**

- a. Introduction of Flexi core for B.Tech. IT students. (Effective from July 2024 for 2022 syllabus).
- b. Offering "Foundation of GenAI" in lieu of Pattern Recognition in minor specialization for both IT/CCE B.Tech programs. (Effective from July 2024 for 2022 syllabus)
- c. Course offered by VOLVO embedded in the existing curriculum as part of minor specialization. Effective from July 2024 for 2022 syllabus for CSE stream. Offering "Data Analytics" in place of "Semantic Web" which was a part of minor specialization for B.Tech.
- d. Program Electives introduced from course offered from CISCO NetAcad and Google for CSE Stream B.Tech students. Effective from July 2024 for 2022 syllabus for CSE stream.
- e. Research Methodology and Technical Communication [1 0 3 2] with code HUM 5071 to be changed to ICT 5186 [1 0 3 2] for M.Tech. Software Engineering program with effect from July 2023.

**3. Department of Data Science and Computer Applications:**

The change in the credit requirement for academic progression of MCA from I Year to II Year for the 2023 curriculum applicable for students admitted in 2023-24

Total no. of credits for MCA in Year I is 44 and the minimum credit requirement for Academic Progression from year I to Year II is 29

**4. Department of Humanities and Management:**

1. PSOs of the program offered at the department from the academic year 2024-2025.  
B.Tech. (Computer Science and Financial Technology), Integrated Dual Degree with MTech. (Entrepreneurship), M.Tech. (Engineering Management)
2. Revised syllabus of two core courses handled during the third year - Essentials of Management, Engineering Economics and Financial Management for the 2022 admitted batch to be implemented from the academic years 2024-25.
3. Minor Specializations to all the B. Tech Programmes during the third and fourth year (sixth and seventh semesters) for the batch 2022 onwards to be implemented from the academic year 2024 -2025.  
Business Management, Financial Technology, Entrepreneurship Development, People Management, Finance and Investments, Professional Communication, Modern Literature.



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**13.5 Building Science, Chemical, and Biotechnology stream in Engineering, MAHE:**

1. The change in the title of the course offered by L&T EduTech from “Highway Planning, Design & Operations” to “Highway Planning, Design & Construction” with effect from AY 2023-24
2. The change in the title and syllabus of the course offered by L&T EduTech from “Engineering Strategies for Sustainability” to “Sustainability Practices in the Design of Buildings” with effect from AY 2023-24

**Suggestion: To discuss with Director Finance, regarding reimbursement of fees for NPTEL certification to students**

Yours faithfully,

**Dr P Giridhar Kini**  
Registrar

**Copy to:**

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Technical), MAHE, Manipal



# MANIPAL

ACADEMY of HIGHER EDUCATION  
(Institution of Eminence Deemed to be University)

MAHE/DREG/ACM/2505/2024/HS7  
27th May 2024

The Dean  
Manipal College of Nursing  
Manipal

Dear Madam,

Sub: Decisions taken in the Academic Council Meeting

The following is the decision taken in the 77th Academic Council meeting held on 25th May 2024:

The Academic Council **approved** the following:

- Starting of M.Sc. Nursing (Nurse Practitioner in Emergency and Trauma Care) from the academic year 2024-25
- Providing the pathway to Ph.D. option for students joining the M.Sc. Nursing programs from the academic year 2024-25 onwards in accordance with the MAHE guidelines. Students opting for Ph.D. pathway from the second year onwards will be awarded M.Sc. Nursing and Ph.D. on successful completion of the full program

Yours faithfully,

Dr P Giridhar Kini  
Registrar

Copy to:

1. Vice-Chancellor, MAHE, Manipal
2. Pro Vice-Chancellors, MAHE, Manipal
3. Registrar - Evaluation, MAHE, Manipal
4. Director, Admissions, MAHE, Manipal
5. Deputy Registrar - Academics (Health Sciences), MAHE, Manipal