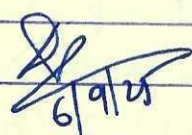
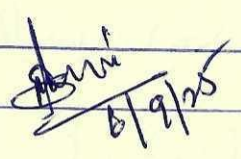



Minutes of the meeting of the Academic Council of Madanapalle Institute of Technology and Science Madanapalle in its 18<sup>th</sup> meeting held on 06<sup>th</sup> September 2025 at 11 a.m. Through online mode with Dr. P. Ramanaathan, Principal and chairman of the Academic Council in the chair. The Council has resolved unanimously to approve the following items:

S.No	Name & Designation	Position	Signature
1.	Dr. P. Ramanaathan Principal - MITS	chairman	P. Ramanaathan
2.	Sri B.V. Krishna Rao Former Secretary, SBTET, AP	External Member	Attended through online
3.	Dr. V. V. Kutumba Rao - Honourary Visiting Scientist, DRDO - Hyderabad	External member	Attended through online
4.	Prof. S. V. Satyanarayana Prof. of Chemical Engg & Director Academic & Planning, JNT University, Anantapur, Ananthapuramu	University Nominee Member	Attended through online
5.	Prof. C. Shobha Raidu Prof. of CSE & Director Future Skill Development & Incubation Centre, JNT Anantapur, Ananthapuramu	University Nominee Member	Attended Through online



- |     |  |   |   |
|-----|--|---|---|
| 6.  | Prof. B. Durga Prasad<br>Prof of M.E & Director<br>Academic Audit, JNT<br>University, Anantapur<br>Ananthapuramu | University Nominee<br>Member                            | Attended<br>through<br>online   |
| 7.  | Sri. D. Surendra Babu  | Chartered Accountant,<br>Bangalore<br>External Member.  | Attended<br>through<br>online   |
| 8.  | Dr. K. S. Sridhar  | Registrar - PES University<br>BSK III Stage - Bangalore | Attended<br>through<br>online   |
| 9.  | Prof. K. S. S. Sesham<br>Prof & Head (Retd),<br>Dept. of History<br>University of Hyderabad                      | External Member   | Attended<br>through<br>online   |
| 10. | Mr. Sisir Koppaka<br>Managing Director -<br>Blue Insight-Digital<br>Pvt., Ltd., Bangalore                        | External Member   | Attended<br>through<br>online   |
| 11. | Dr. Dipankar Roy<br>Prof. in Civil   | Head - Civil  | <br>6/9/25 |
| 12. | Dr. M. Sreedevi<br>Prof. in CSE  | Head - CSE  | <br>6/9/25 |
| 13. | Dr. K. Dinesh<br>Assoc. Prof. in CST   | Head - CST  |            |



14	Dr. R. Kalpana Prof in CSE (AI)	Head - CSE (AI)	Present
15	Dr. S. V. S. Ganga Devi Prof in CSE (CS)	Head - CSE (CS)	Present
16	Dr. S. Kusuma Asst. Prof. in CSE	Head - CSE (DS)	Present
17	Dr. S. Padma Assoe. Prof. of CSE (AIE, ML)	Head - CSE (AIE, ML)	Present
18	Dr. S. Rajasekharan Prof. in ECE	Head - ECE	Present
19	Dr. A. V. Pavan Kumar Prof in EEE	Head - EEE	Present
20	Dr. S. Bhaskaran Asso. Prof. in ME	Head - ME	Present
21	Dr. Bhaneesree Reddy Prof. in MBA	Head - MBA	Attended through online
22	Dr. M. Navaneeth Kumar Prof. in MCA	Head - MCA	Attended through online
23	Dr. R. Thulasiram Maide Prof. in Humanities & Advisor - R & D and Consultancy	Head - Humanities	Attended through online



24.	Dr. P. Ramesh Reddy Asst-Prof. in Mathematics	Head - Mathematics	Attended through online
25.	Dr. M. Chandra Sekhar Asso. Prof. in Physics	Head - Physics	Attended through online
26.	Dr. Renjith Bhasakaran Asst-Prof. in Chemistry	Head - Chemistry	Attended through online
27.	Dr. P. Atharhar Assoc. Prof. in English	Head - E & ELs	Attended through online
28.	Dr. K. V. N. Murthy Assoc. Prof. of Maths & CoE	Member (Ex-officio)	Attended through online
29.	Dr. M. Gangisetty, Prof in MBA	Member	Attended through online
30.	Dr. K. Sathesh Asso. Prof. in ECE	Member	Attended through online
31.	Dr. A. Subba Rao Asst. Prof. in Maths	Member	Attended through online
32.	Dr. C. Kamal Basha Prof. of EEE & Vice Principal Administration	Member Secretary	<del>Attended</del> <del>through</del> <del>online</del>
33.	Dr. D. Pradeep Kumar Prof. of MBA & Chief Coordinator - MBA & PAARC	Invited	<del>Attended</del> <del>through</del> <del>online</del>



34	Dr. Sreemant Basu Prof. of MBA & Dean - Administration & International Relations and UGC Affairs	Inviter	<i>[Signature]</i> 05/09/2021
35	Dr. Chandra Prakash Gupta Prof. & Dean - School of Computers	Inviter	<i>[Signature]</i> 06/09/21
36	Dr. V. Sri Kumar Asst. Prof. of ECE & Asst. Controller of Examinations	Inviter	<i>[Signature]</i> 6/9/21
37	Mrs. U. Vijayalakshmi Sr. Manager - International Relations & Institute Student Counsellor	Inviter	<i>[Signature]</i> 6/09/2021

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**

(UGC-AUTONOMOUS INSTITUTION)

Approved by AICTE, New Delhi and Affiliated to JNTUA, Ananthapuramu

[www.mits.ac.in](http://www.mits.ac.in)**18<sup>th</sup> Academic Council Meeting (Online Mode)**

06.09.2025 (Saturday) at 11.00 a.m.

**AGENDA**

1. Welcoming the members to the Academic Council meeting
2. Confirmation of the Minutes of the 17<sup>th</sup> Academic Council Meeting held on 23.12.2024
3. Review of Action Taken Report
4. Ratification of III Year B. Tech Course Structure and Syllabi under R23 Academic Regulations for the following UG Programmes:

**B. Tech** - CE, EEE, ME, ECE, CSE, CST, CSE(AI), CSE(DS), CSE(CS),  
CSE (AI&ML) & CSE (Networks)

5. Ratification of Minor Degree / Honors Degree Course Structure and Syllabi under R23 Regulations
6. Ratification of II Year Course Structure and Syllabi under R24 Academic Regulations for the following PG Programmes:

- **MBA**
- **MCA**
- **M. Tech** – VLSI Design & Embedded Systems
- **M. Tech** – Computer Science & Engineering (CSE)

7. Principal's Report on MITS Achievements from 23<sup>rd</sup> December 2024 to till date
8. Any other matter with the permission of the Chair

\* \* \*

> *P. Ravi Kumar*  
PRINCIPAL  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE-517325





**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC - AUTONOMOUS INSTITUTION)  
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh.



**Hearty Welcome**  
**All the Members & Invitees**  
**to**  
**18<sup>th</sup> Academic Council Meeting**  
**06<sup>th</sup> September 2025**



[www.mits.ac.in](http://www.mits.ac.in)

Principal MITS

V.V. Kurumbarao

Dr. D. Pradeep Kumar

SS

+15

MITS - 18th Academic Council Meeting is scheduled to be held in online mode @11:00 am on 06 September 2025 (Saturday).

00:34:05

Principal MITS

S.V. Satyanarayana (Member)

Surendra Babu (Member)

Head - IT Services #2

Head - Chemistry Department

Controller of Examinations MITS

data team (Member)

Assistant Controller of Examinations

Shanu Tree Jesty Donadula (Member)

Surendra Babu

S.V. Satyanarayana

Principal MITS

1/2 >



*P. Karthikeyan*  
PRINCIPAL  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE-517325



11458P

Principal-MITS

R23 - Curriculum Structure  
III Year I Semester

S. No.	Category	Course Code	Course Title	Hours Per Week				Credits
				L	T	P	Total	
1	PS	20MB110	Manufacturing Technology II	2			2	
2	PS	20MB111	Heat Transfer	2			2	
3	PS	20MB112	Measurement and Measurements	2			2	
4	PS	20MB113	Introduction to Greenhouse Technologies and Applications	2			2	
5	PE	20PE114	Professional Elective - I					
6	OE	20OE115	Open Elective - I					
7	PS	20MB116	Heat Transfer (Advanced)	2			2	
8	PS	20MB117	Machine Design and Manufacturing	2			2	
9	SE	20SE118	Skill Enhancement Course - III					
10	PS	20MB119	Underwater Robotics	2			2	
11	PS	20MB120	Sensor Technology I	2			2	
<b>Total</b>				<b>18</b>	<b>1</b>	<b>14</b>	<b>33</b>	<b>26</b>

III Year II Semester

S. No.	Category	Course Code	Course Title	Hours Per Week				Credits
				L	T	P	Total	
1	PS	20MB121	Thermal Engineering	2			2	
2	PS	20MB122	CAD/CAM	2			2	

Principal-MITS

V V Kumbharao

B V Krishna Rao

PR

Register...



MITS - 10th Academic Council Meeting is scheduled to be held in online mode @11:00 am on 6th September 2025 (Saturday)

Principal-MITS

SV Satyanarayana (Unverified)

Head - IT Services #2

Head - Chemistry Department

Controller of Examinations MITS

Principal-MITS

Head - I

Head - Ch

Dr. D. Pr.

Control

SV Saty...

Principal-MITS

P. K. K. K.

PRINCIPAL

Madanapalle Institute of  
Technology & Science

MADANAPALLE-517325





The Minutes of the **18<sup>th</sup> Meeting** of the **Academic Council** held in blended mode on **06.09.2025, Saturday at 11.00 am** with the Principal & Chairman of Academic Council, Dr. P. Ramanathan in the chair.

### Members Present

1. Dr. P. Ramanathan, Principal & Chairman, Academic Council
2. Dr. V. V. Kutumba Rao, Honorary Visiting Scientist, DRDO, Hyderabad
3. Sri B.V. Krishna Rao, Former Secretary, SBTET, AP
4. Prof. S.V. Satyanarayana, Director of Academic & Planning, JNTUA, Ananthapuramu
5. Prof. C. Shoba Bindu, Director of Future Skill Development Center & Incubation Center, JNTUA Ananthapuramu
6. Prof. B. Durga Prasad, Director of Academic Audit, JNTUA, Ananthapuramu
7. Sri D. Surendra Babu, Chartered Accountant, Bengaluru
8. Dr. K. S. Sridhar, Registrar, PES University, Bengaluru
9. Prof. K. S. S. Seshan, Former Professor of History, University of Hyderabad
10. Mr. Sisir Koppaka, Managing Director, Blue Insight Digital Pvt. Ltd., Bengaluru
11. Dr. Dipankar Roy, Head – CE
12. Dr. A. V. Pavan Kumar, Head – EEE
13. Dr. S. Baskaran, Head –ME
14. Dr. S. Rajasekaran, Head – ECE
15. Dr. M. Sreedevi, Head – CSE
16. Dr. K. Dinesh, Head – CST
17. Dr. R. Kalpana, Head – CSE (Artificial Intelligence)
18. Dr. S. Kusuma, Assistant Head – CSE (Data Science)
19. Dr. S. V. S. Ganga Devi, Head – CSE (Cyber Security)
20. Dr. S. Padma, Head – CSE (Artificial Intelligence & Machine Learning)
21. Dr. Bhanu Sree Reddy, Head - Management Studies
22. Dr. N. Naveen Kumar, Head - Computer Applications
23. Dr. R. Thulasiram Naidu, Head - Humanities
24. Dr. P. Ramesh Reddy, Head -Mathematics
25. Dr. M. Chandra Sekhar, Head -Physics
26. Dr. Renjith Bhaskaran, Head –Chemistry
27. Dr. P. Athahar, Head – English & Foreign Languages
28. Dr. K.V.N. Murthy, COE - Member (Ex Officio)
29. Dr. N. Gangisetty, Professor, Dept. of Management Studies
30. Dr. K. Sathesh, Associate Professor, Dept. of ECE
31. Dr. A. Subba Rao, Assistant Professor, Dept. of Mathematics
32. Dr. C. Kamal Basha, Vice Principal – Administration & Member Secretary

### Invitees

1. Dr. D. Pradeep Kumar, Registrar, MITS Deemed to be University
2. Dr. Sremmant Basu, Dean – Administration & Intl. Relations and UGC Affairs
3. Dr. Chandra Prakash Gupta, Professor, Department of CSE (Cybersecurity)
4. Dr. V. Sai Kumar, Controller of Examinations, MITS Deemed to be University
5. Ms. U. Vijaya Lakshmi, Sr. Manager-International Relations & Institute Student Counsellor

### Members Absent

Nil



### **Agenda item No. 1: Welcoming the members to the Academic Council meeting**

Mrs. U. Vijaya Lakshmi, Senior Manager, International relations welcomed all the members to the 18<sup>th</sup> Academic Council meeting. The Chairman took up the agenda points one by one for discussion.

### **Agenda item No. 2: Confirmation of the Minutes of the 17<sup>th</sup> Academic Council Meeting held on 23.12.2024**

Dr. P. Ramanathan, Principal and Chairman of the Academic Council sought the Confirmation of the Minutes of the 17<sup>th</sup> Academic Council Meeting held on 23.12.2024 and the members approved the same.

### **Agenda item No. 3: Review of Action Taken Report**

Members suggested to Strengthen Research Competency amongst faculty members:

Institute organized IP Yatra Program with the support of MSME and also organized IP Awareness Programs for faculty members and students. Further through IPFC faculty members and students were offered financial support to file patents. Further Incentives worth Rs. 7.5 Lakhs were provided to faculty members for Research Publications and Patents during the Academic Year (2024-25). The members appreciated this initiative.

#### **(Refer Annexure - I)**

Members advised to establish Recognized Research Center at the Institute to Support Research Scholars:

MITS has been conferred with Deemed to be University Status. We have planned to establish research centers and offer Ph.D. Programs in various disciplines to support research scholars.

### **Agenda item No. 4: Ratification of III Year B. Tech Course Structure and Syllabi under R23 Academic Regulations for the following UG Programmes:**

B. Tech - CE, EEE, ME, ECE, CSE, CST, CSE (AI), CSE (DS), CSE (CS), CSE (AI&ML) & CSE (Networks)

The members approved the revision of Credits from 160 to 163 for the award of B. Tech Degree. A course on "Introduction to Quantum Technology and Applications is made compulsory for all students in III Year B. Tech I Semester.

All the III Year B. Tech Course structures and syllabi under R23 Regulations for various UG Programmes – B. Tech [CE, EEE, ME, ECE, CSE, CST, CSE (AI), CSE (DS), CSE (CS), CSE (AI&ML) & CSE (Networks)] were approved as presented

*P. Ramanathan*



with the following modifications proposed by Prof. S V Sathya Narayana, Director of Academics and Planning:

- A mandatory one-week Domain Specific Workshop should be completed by all Candidates after the end of III Year I Semester and the same shall be recorded and reflected III Year II Semester for zero credits. The candidates need to submit the certificates for successful completion of the same.
- It is mandatory for every student to undertake a minimum of one Industrial Visit during any semester between III Year I Semester and IV Year II Semester.
- Department should conduct one domain specific expert lecture in every semester from III Year I Semester onwards.

Based on the above suggestions the III Year B. Tech Course structures and syllabi under R23 Regulations for various UG Programmes – B. Tech [CE, EEE, ME, ECE, CSE, CST, CSE(AI), CSE(DS), CSE(CS), CSE (AI&ML) & CSE (Networks)] are revised (**Refer Annexure - II**).

**Agenda item No. 5: Ratification of Minor Degree / Honors Degree Course Structure and Syllabi under R23 Regulations for B. Tech Programs**

The members unanimously approved the course structure and syllabi for Minor Degree / Honors Degree for additional 18 credits as presented with few suggestions:

- The members recommended to offer only fundamental courses in the Minor Degree. Members further advised to offer Advanced Courses as a part of Honors Degree Program only.
- Further it was decided to rename the Minor Degree Stream Name from Computer Science and Engineering to Computing
- It was decided to offer Minor Degree in Quantum Computing and Minor Degree in Quantum Technologies for all B. Tech Students.

Based on the above suggestions the Course structures and syllabi for Minor Degree / Honors Degree under R23 Regulations are revised (**Refer Annexure - III**).

**Agenda item No. 6: Ratification of II Year Course Structure and Syllabi under R24 Academic Regulations for the following PG Programmes [ MBA , MCA , M. Tech – VLSI Design & Embedded Systems and M. Tech - Computer Science & Engineering (CSE) ]**

II Year Course Structures and syllabi pertaining to PG Programs (MBA and MCA) and were approved as presented with following suggestions:

- The members recommended that the course structure should adhere to the JNTUA R21 Regulations for MBA and MCA Programs



- 1154
- In this direction, Prof. S. V. Sathya Narayana recommended to introduce two theory courses (Discipline Elective IV and Open Elective II) in II Year II Semester of MCA Program. Further it was unanimously agreed by the members that students getting Full Time Industry Internships in II Year II Semester can pursue these two courses in MOOC's mode under Swayam NPTEL.

II Year Course Structures and syllabi pertaining to PG Programs [M. Tech – VLSI Design & Embedded Systems and M. Tech - Computer Science & Engineering (CSE)] were approved as presented.

Based on the recommendations the course structures for PG Program [MBA, MCA, (M. Tech – VLSI Design & Embedded Systems and M. Tech - Computer Science & Engineering (CSE))] are revised (**Refer Annexure - IV**).

**Agenda item No. 7: Principal's Report on MITS Achievements from 23<sup>rd</sup> December 2024 to 5<sup>th</sup> September 2025**

Principal made a detailed presentation about the activities and achievements of the Institute during the period 23<sup>rd</sup> December 2025 to 5<sup>th</sup> September 2025. All the members appreciated the Principal for the progress made by the Institution during this period. Members also lauded the dedicated efforts put in by the Management, Staff and Students for MITS being conferred Deemed to be University Status under General Category from UGC (**Refer Annexure V**).

**Agenda item No. 8: Any other matter with the permission of the Chair**

Members provided valuable suggestions and recommendations as mentioned below:


Dr. Kutumba Rao advised to enhance the research potential in CSE and allied branches. He also recommended that all the faculty members should actively engage in Research and Development activities. To improve NIRF rankings, he suggested to strengthen R&D activities through quality publications, patents and funded research grants.

Members recommended to involve Alumni and explore possibilities for Internships / Placements.

Prof. Seshan recommended to involve Industry Experts to conduct Soft Skill Training Programs / Technical Training Programs to improve Placements.

The meeting was concluded with a vote of thanks proposed by Dr. A. V. Pavan Kumar, Professor and Head, EEE Department, Member of the Academic Council.

These Minutes are issued with the approval of the Chairman.

  
**PRINCIPAL**  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE-517325 Page 12 of 4