

**A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**

Approved by AICTE, New Delhi, Affiliated to JNTU - Kakinada, Accredited by NAAC

**An Autonomous Institution**

Web : [www.amreddyengineering.ac.in](http://www.amreddyengineering.ac.in), E-mail: [principal.amreddyengineering@gmail.com](mailto:principal.amreddyengineering@gmail.com) Ph : 98664 14252  
Vinukonda Road, Petturivaripalem, Narasaraopet, Palnadu District, Andhra Pradesh - 522 601.



## **MINUTES OF THE FIRST ACADEMIC COUNCIL MEETING**

**Mode:** Online platform (Google Meet).

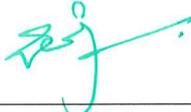
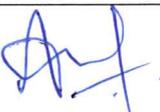
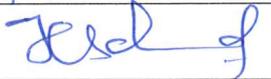
**Date of the Meeting:** 28-09-2024 (Saturday).

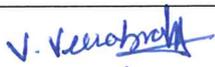
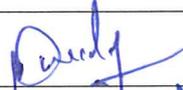
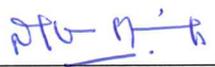
**Time:** 11:00 AM to 12:00 Noon.

## Minutes of the First Academic Council Meeting

The first Academic Council Meeting of A.M. Reddy Memorial College of Engineering and Technology (Autonomous), Vinukonda Road, Petturivaripalam, Narasaraopet, Palnadu District, Andhra Pradesh- 522601 was held on 28.09.2024 at 11:00 a.m. through online (Google Meet) platform.

The following members were present in the meeting:

Sl. No.	Name, Designation & Address of the Members	Member Category	Signature
1	Dr. Ch. Mallikarjuna , Principal	Chairman	
2	Dr. B. Balakrishna, Professor of ME Department and Director, Academic Planning , JNTUK, Kakinada	University Nominee	
3	Dr. G. Padmaja Rani, Professor of Physics Department and Director of Evaluation, JNTUK Kakinada	University Nominee	
4	Dr. V. Ravindra, Professor of CE Department, UCEK, JNTUK, Kakinada	University Nominee	 28/9/24
5	Mr. Ch. Sreeram Reddy, CEO, Sailotech , Hyderabad	Governing Body Nominee (Industrialist)	
6	Mr. Navuru. Dilip kumar, Deputy project manager in projects, DEC infra India private limited	Governing Body Nominee (Industrialist)	
7	Dr. D. Srinivas, Associate Professor & HoD, Department of Architecture, School of Planning and Architecture , Vijayawada	Academician	
8	Dr. S. Nagakishore Bhavanam, Registrar , Mangalayatan University	Academician	
9	Dr. G. Sambasiva Rao	Vice Principal / Dean of Academics	
10	Dr. K. Sreekar Chand, HoD, Civil & IQAC coordinator	Member	

11	Dr. K. Krishna Reddy, HoD, EEE	Member	
12	Mr. K. Vijaya Kumar, HoD, Mech	Member	
13	Mr. P. S K Ganesh , HOD, ECE	Member	
14	Mr. V. Veera Brahma Chari , HOD, CSE	Member	
15	Mr. A. Madhava Reddy, HOD, CS	Member	
16	Dr. D. Anand Babu, HOD, AGE	Member	
17	Dr. G. Bhaskar Reddy, HOD, H & S	Member	
18	Mr. N. Anjaneyulu, Controller of Examinations	Member	
19	Mr. P. Nagur Meeraiah, Senior Faculty , Department of S & H	Member	

The following points were discussed and Approved in the First Academic Council Meeting

**Agenda -1 : To introduce and welcome the members of the Academic Council.**

The chairman of the Academic Council and Principal of the college Dr. Ch Mallikarjun welcomed all the members of the Academic council and introduced the Governing Body Members. Subsequently, Dr. K Sreekar chand, IQAC coordinator introduced the Members of Academic Council. The chairman requested to approve the regulation (AMR 24).

**Agenda -2 :** To approve the **Regulations and Examination schemes** framed for various undergraduate and Postgraduate programs offered by the College for the candidates admitted from the A.Y. 2024-25.

**Dr. Ch Mallikarjun, chairman of the Academic Council** stated that AMR -24 regulations were adopted from JNTUK (R23) regulation of UG and JNTUK (R19) without any deviation and all the exam structure/ pattern will be as per JNTUK.

**Resolution: Approved and resolved to follow AMR 24 regulations,** In addition the University Nominee Dr. V Ravindra Garu suggested not to make any changes in regulations and syllabus as the institution is in early stage of autonomous status. University nominees suggested that to make changes upon getting experience in running autonomous institution.

**Agenda -3:** To Approve the **Course Structure** Prepared by the Academic Council

**Dr. Ch. Mallikarjun, Chairman of Academic Council** stated that the institution **adopted the course structure from JNTUK without any deviation** and submitted **course structure for B.Tech 1<sup>st</sup> year 1<sup>st</sup> Sem & 2<sup>nd</sup> Sem , M.Tech 1<sup>st</sup> year 1<sup>st</sup> Sem and 2<sup>nd</sup> Sem** and submitted **course structure** prepared for the A.Y. 2024-25 for both UG and PG.

**Resolution: Approved. (Annexure -1)**

**Agenda -4:** To Approve the **Academic Calendar** Prepared by the Academic Council

**Dr. Ch. Mallikarjun, Chairman of Academic Council** stated that said calendar was **imparted from JNTUK academic calendar with a minor change** in UG- B.Tech 1<sup>st</sup> year 1<sup>st</sup> Sem Mid examination date i.e. from 14-10-2024 to 21-10-2024 and submitted **Academic calendar** prepared for the A.Y. 2024-25 for both UG and PG.

**Resolution: Approved(Annexure-2)**

**Agenda -5:** To Approve the **BoS -Minutes of Meeting** of prepared by various **BoS**.

**Dr. Ch. Mallikarjun, Chairman of Academic council** stated that BoS meetings were conducted recently from 23.09.2024 to 25.09.2024 of various departments and submitted the recommendation of BoS in the academic council meeting.

**Resolution: Ratified and Approved.**

**Agenda -6:** To Approve the **ICT Monitoring Cell** for improving the usage of advanced teaching tools among the teaching staff members.

**Dr. Ch. Mallikarjun, Chairman of Academic council** submitted ICT monitoring cell constituted with the following members for improving the usage of advance teaching tools among the teaching staff members of the college and requested the council's approval towards implementation



# A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTU - Kakinada, Accredited by NAAC

**An Autonomous Institution**

Web : [www.amreddyengineering.ac.in](http://www.amreddyengineering.ac.in), E-mail: [principal.amreddyengineering@gmail.com](mailto:principal.amreddyengineering@gmail.com) Ph : 98664 14252  
Vinukonda Road, Petturivaripalem, Narasaraopet, Palnadu District, Andhra Pradesh - 522 601.



Sl. No.	Name	Designation	Role
1	Mr. A Madhava Reddy	Asst. Professor & Head, Department of CS	Co-ordinator
2	Dr. K Sreekar Chand	Assoc. Professor & Head, Department of Civil	Member
3	Dr. K Krishna Reddy	Asst. Professor & Head, Department of EEE	Member
4	Mr. P S.K. Ganesh Kumar	Asst. Professor & Head, Department of ECE	Member
5	Mr. V V B Chari	Asst. Professor & Head, Department of CSE	Member
6	Dr. D Anand Babu	Asst. Professor & Head, Department of AGE	Member
7	Dr. G Bhaskar Reddy	Assoc. Professor, Head, Depart of Humanities & Sciences	Member

**Resolution: Approved**

**Agenda -7:** To Approve the **Mandatory Criterion of publishing atleast One paper / Article by teaching faculty per calendar year.**

**Dr. Ch. Mallikarjun, Chairman of Academic council** submitted **Mandatory Criterion of publishing atleast One paper / Article** in the Scopus Indexed / web of science Indexed / UGC – CARE list of Journals by all teaching staff member per year from the A.Y. 2024-25 and requested the council's approval towards implementation.

**Resolution: Approved**

**Agenda -8:** To Approve the **Mandatory Criterion of organizing atleast One Conference / Workshop / Seminar/ Webinar per academic year per department.**

**Dr. Ch. Mallikarjun, Chairman of Academic council** submitted the Mandatory Criterion of Organizing atleast One Conference / Workshop / Seminar / Webinar per academic year per department and requested the council's approval towards implementation.

**Resolution: Approved**

**Agenda -9:** To Approve the **Mandatory Criterion of conducting atleast One Extension Activity per semester in nearby villages by each department.**

**Dr. Ch. Mallikarjun, Chairman of Academic council** submitted the Mandatory Criterion of conducting atleast one extension activity per semester in nearby villages by NSS and also by each department separately and requested the council's approval towards implementation.

**Resolution: Approved**

**Agenda -10:** To Approve the **Curriculum Development Council (CDC)** constituted for improving / strengthening curricular aspects.

**Dr. Ch. Mallikarjun, Chairman of Academic council** submitted the constituted **Curriculum Development Council (CDC)** with the following members for improving / strengthening curricular aspects and requested the council's approval.

Sl. No.	Name	Designation	Role
1	Dr. G Bhaskar Reddy	Assoc. Professor, Head, Depart of Humanities & Sciences	Co-ordinator
2	Dr. K Sreekar Chand	Assoc. Professor & Head, Department of Civil	Member
3	Dr. K Krishna Reddy	Asst. Professor & Head, Department of EEE	Member
4	Mr. P S.K. Ganesh Kumar	Asst. Professor & Head, Department of ECE	Member

5	Mr. V V B Chari	Asst. Professor & Head, Department of CSE	Member
6	Dr. D Anand Babu	Asst. Professor & Head, Department of AGE	Member
7	Mr. A Madhava Reddy	Asst. Professor & Head, Department of CS	Member

**Resolution: Approved**

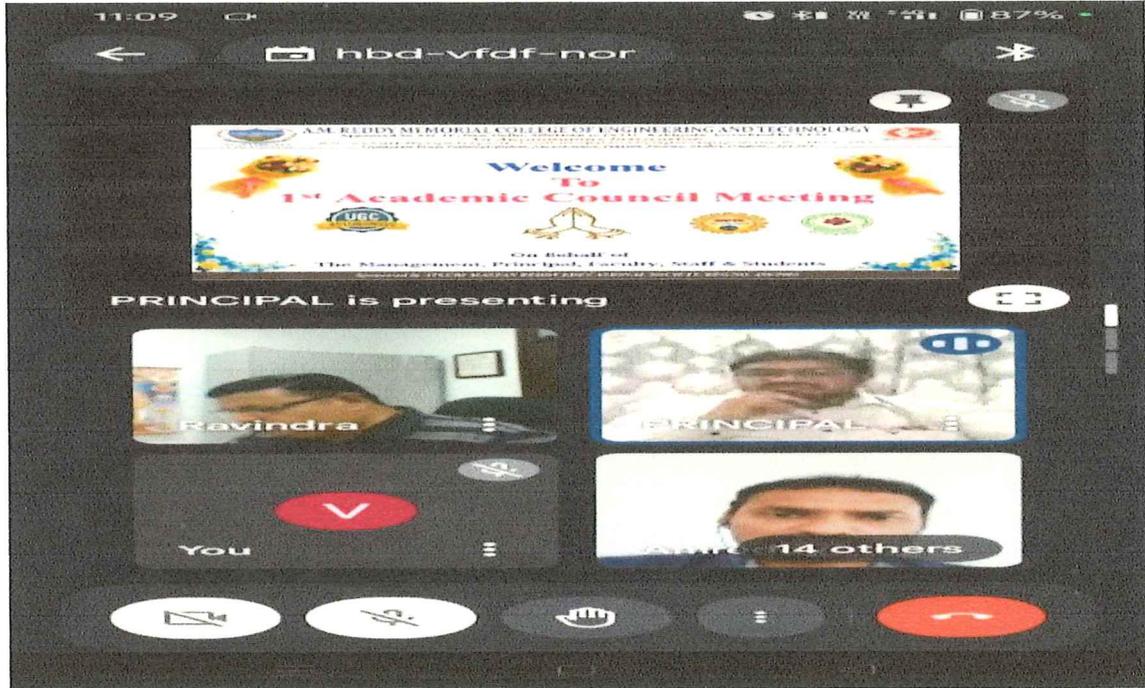
**Suggestions by Academic Council:**

1. **Dr. V Ravindra Garu, University Nominee** suggested to change the course name of M.Tech Structural Design to M.Tech – Structural Engineering.
2. **Dr. V Ravindra Garu, University Nominee** Suggested to make changes in future plans in there categories viz. Immediate, Medium, Long term.
3. **Dr. B Balakrishna Garu, University Nominee**, Suggested to select question paper setters, evaluators from reputed universities to enhance the quality of education.
4. **Dr. G Padmaja Rani Garu, University Nominee**, suggested to complete the process of creating Digi lockers and AAPAR IDs of students as soon as possible.
5. **Dr. B S Kishore Babu, Registrar, Mangalayatan University, Jabalpur, Academician**, suggested to concentrate on paper publications and Patents registrations.
6. **Dr. B Balakrishna Garu, University Nominee**, Suggested to nominate one or two academicians from NITs and IITs to enhance the curriculum.

**The Meeting concluded with Vote of Thanks**



**Chairman,  
Academic Council**





**A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Approved by AICTE, New Delhi, Affiliated to JNTU - Kakinada, Accredited by NAAC  
**An Autonomous Institution**  
Web : [www.amreddyengineering.ac.in](http://www.amreddyengineering.ac.in), E-mail: [principal.amreddyengineering@gmail.com](mailto:principal.amreddyengineering@gmail.com) Ph : 98664 14252  
Vinukonda Road, Petturivaripalem, Narasaraopet, Palnadu District, Andhra Pradesh - 522 601.

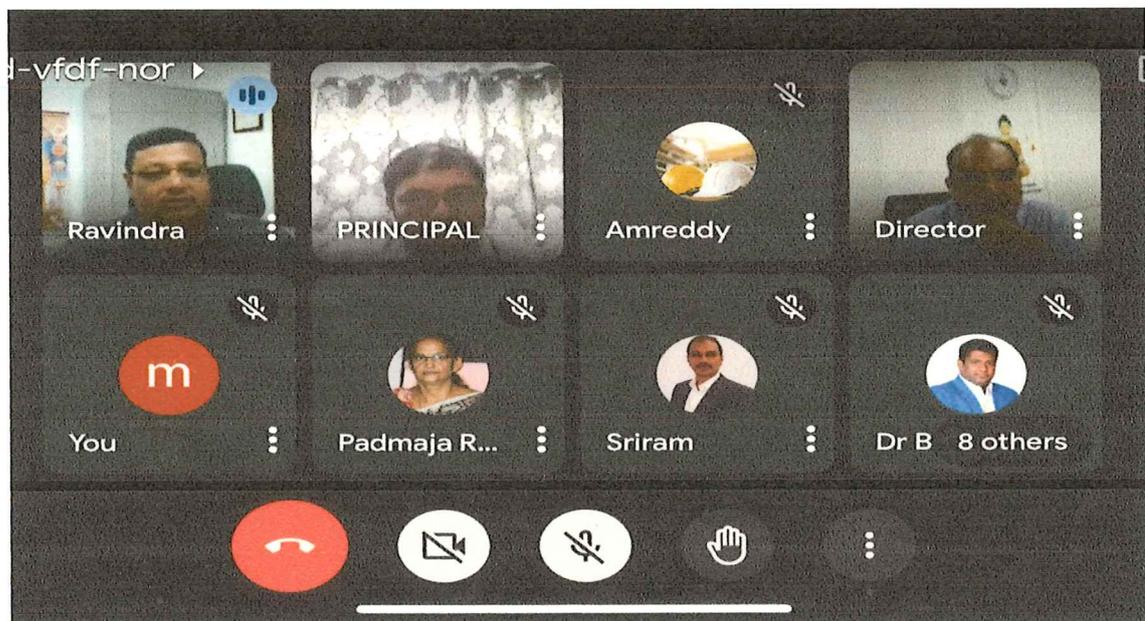


## ACADEMIC REGULATIONS – (AMR- 24)

**Structure of the Undergraduate Programme**  
All courses offered for the undergraduate program (B. Tech.) are broadly classified as follows:

S. No.	Category	Breakup of Credits (Total 160)	Percentage of total credits	AICTE Recommendation (%)
1.	Humanities and Social Science including Management (HM)	13	8%	8 – 9%
2.	Basic Sciences (BS)	20	13%	12 – 16%
3.	Engineering Sciences (ES)	23.5	14%	10 – 18%
4.	Professional Core (PC)	54.5	34%	30 – 36%
5.	Electives - Professional (PE) & Open (OE), Domain Specific Skill Enhancement Courses (SEC)	33	21%	19 – 23%
6.	Internships & Project work (PR)	16	10%	8 – 11%
7.	Mandatory Courses (MC)	Non-credit	Non-credit	-

Sponsored by ATLURI MASTAN REDDY EDUCATIONAL SOCIETY, REG.NO. 450/2003



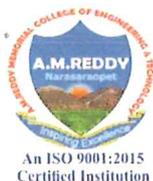
## ANNEXURE -1

### COURSE STRUCTURE (AMR- 24)

#### B.Tech

#### 1. For Group – A (CSE , EEE)

<b>GROUP –A – COURSES (CSE ,EEE)</b>		
<b>I Year – I SEM</b>		
S.No.	Title	Credits
1	Communicative English	2
2	Engineering Chemistry/Chemistry/Fundamental Chemistry	3
3	Linear Algebra & Calculus	3
4	Basic Civil & Mechanical Engineering	3
5	Introduction to Programming	3
6	Communicative English Lab	1
7	Engineering Chemistry/ Chemistry/Fundamental Chemistry Lab	1
8	Engineering Workshop	1.5
9	Computer Programming Lab	1.5
10	Health and wellness, Yoga and Sports	0.5
<b>TOTAL CREDITS</b>		<b>19.5</b>
<b>I SEM - TOTAL CREDITS</b>		
<b>I Year – II SEM</b>		
S.No.	Title	Credits
1	Engineering Physics	3
2	Differential Equations & Vector Calculus	3
3	Basic Electrical and Electronics Engineering	3
4	Engineering Graphics	3
5	Data Structures / Electrical Circuit Analysis – I (Branch specific)	3
6	IT Workshop	1
7	Engineering Physics Lab	1
8	Electrical and Electronics Engineering Workshop	1.5
9	Data Structures Lab / Electrical Circuits Lab	1.5
10	NSS/NCC/Scouts & Guides/Community Service	0.5
<b>TOTAL CREDITS</b>		<b>20.5</b>



## 2. For Group –B (ECE, CE, AGE, Cyber Security)

GROUP –B – COURSES (Cyber Security ,ECE,MECH,CE, AGE)		
I Year – I SEM		
S.No.	Title	Credits
1	Engineering Physics	3
2	Linear Algebra & Calculus	3
3	Basic Electrical & Electronics Engineering	3
4	Engineering Graphics	3
5	Introduction to Programming	3
6	IT Workshop	1
7	Engineering Physics Lab	1
8	Electrical & Electronics Engineering Workshop	1.5
9	Computer Programming Lab	1.5
10	NSS/NCC/Scouts & Guides/Community Service	0.5
<b>TOTAL CREDITS</b>		<b>20.5</b>
I Year – II SEM		
S.No.	Title	Credits
1	Communicative English	2
2	Engineering Chemistry / Chemistry / Fundamental Chemistry	3
3	Differential Equations & Vector Calculus	3
4	Basic Civil & Mechanical Engineering	3
5	Engineering Mechanics/ Network Analysis/ Data structures / Principles of Soil Science and Agronomy (Branch Specific)	3
6	Communicative English Lab	1
7	Engineering Chemistry / Chemistry /Fundamental Chemistry Lab	1
8	Engineering Workshop	1.5
9	Engineering Mechanics & Building Practices Lab	
	Engineering Mechanics Lab / Network Analysis and Simulation Lab / Data structures Lab / Soil Science and Agronomy Field Lab	1.5
10	Health and wellness, Yoga and Sports	0.5
<b>TOTAL CREDITS</b>		<b>19.5</b>

## Course Structure (AMR -24)

<b>M.Tech - Transportation Engineering</b>										
<b>I Year I Semester</b>										
S. No.	Course No	Category	Course Name	L	T	P	C	Marks		
1	MTEI-1	Core1	Advanced Highway Engineering	3	0	--	3	100		
2	MTEI-2	Core2	Advanced Traffic Engineering	3	0	--	3	100		
3	MTEI-3	Elective -I	a)Bridge Engineering b)Project Management c)Ground Improvement Technique	3	0	--	3	100		
4	MTEI-4	Elective II	a) GIS for Transportation b) Pavement Management System c)Transportation Modeling and Simulation	3	0	--	3	100		
5	MTEMC		Research Methodology and IPR	2	0	0	2	100		
6	MTEPI-1	Lab1	Highway Aggregates Lab	-	--	4	2	100		
7	MTEPI-2	Lab2	Bituminous Testing Lab	-	--	4	2	100		
8	MTEA-1	Audit Course-1		2	0	0	0	100		
							<b>Total Credits/Marks</b>		<b>18</b>	<b>800</b>
<b>I Year II Semester</b>										
S. No.	Course No	Category	Course Name	L	T	P	C	Marks		
1	MTEII-1	Core3	Pavement Analysis and Design	3	0	--	3	100		
2	MTEII-2	Core4	Transportation Planning	3	0	--	3	100		
3	MTEII-3	Elective-III	a)Pavement Construction b)Environmental Impact Assessment c)Traffic Flow Analysis	3	0	--	3	100		
4	MTEII-4	Elective-IV	a) Geo synthetics and Reinforced Earth Structures b)Highway Safety Engineering c)Intelligent Transportation system	3	0	--	3	100		
5	MTEPII-1	Lab3	Advanced Transportation Engineering Lab	--	--	4	2	100		
6	MTEPII-2	Lab4	Transportation Simulation Lab	--	--	4	2	100		
7	MTEMP	Core	Mini Project with Seminar	0	0	4	2	100		
8	MTEA-2	Audit Course-2		2	0	0	0	100		
							<b>Total Credits/Marks</b>		<b>18</b>	<b>800</b>

### Audit Courses – 1 & 2

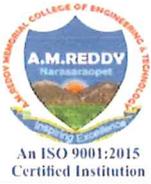
English for Research Paper Writing	Disaster Management	Constitution of India
Sanskrit for Technical Knowledge	Value Education	Pedagogy Studies
Personality Development through Life Enlightenment Skills.	Stress Management by Yoga	

## Course Structure (AMR -24)

M.Tech - Structural Design							
I Year I Semester							
S.No	Category	Course Name					Marks
1	Core	Theory of Elasticity	3	0	--	3	100
2	Core	Structural Dynamics	3	0	--	3	100
3	Elective	Elective I a) Matrix Analysis of Structures b) Analytical & Numerical Methods for Structural Engineering c) Design of RCC Foundations	3	0	--	3	100
4	Elective	Program Elective II a) Bridge Engineering b) Repair Rehabilitation of Structures c) Advanced Concrete Design	3	0	--	3	100
5		Advanced Concrete Technology	2	0	0	2	100
6	Lab	Advanced Technology Laboratory	-	--	4	2	100
7	Lab	Advanced Engineering Laboratory	-	--	4	2	100
8	Audit	Audit Course -1	2	0	0	0	100
						<b>18</b>	<b>800</b>
I Year II Semester							
S.No.	Category	Course Name	L	T	P	C	Marks
1	Core	Finite Element Methods in Structural Engineering	3	0	--	3	100
2	Core	Theory of Plates and Shells	3	0	--	3	100
3	Elective	Elective III a) Stability of Structures b) Advanced Steel Design c) Analysis of Offshore Structures	3	0	--	3	100
4	Elective	Elective IV a) Earthquake Resistant Design of Buildings b) Precast and Prefabricated Structures c) Earth Retaining Structures	3	0	--	3	100
5		Computer Aided Design Laboratory	--	--	4	2	100
6	Lab	Structural Design laboratory	--	--	4	2	100
7		Mini Project With Seminar	0	0	4	2	100
8	Audit	Audit Course -2	2	0	0	0	100
<b>Total Credits / Marks</b>						<b>18</b>	<b>800</b>

### Audit Courses – 1 & 2

English for Research Paper Writing	Disaster Management	Constitution of India
Sanskrit for Technical Knowledge	Value Education	Pedagogy Studies
Personality Development through Life Enlightenment Skills.	Stress Management by Yoga	

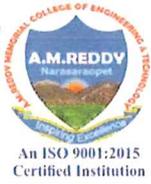


## ANNEXURE -2

### ACADEMIC CALENDAR

#### B.Tech. 2024 Admitted Batch, I Year B.Tech for the Academic Year 2024-25

B.Tech 2024 Batch 1 <sup>st</sup> Year 1 <sup>st</sup> Semester			
Description	From Date	To Date	Duration
Commencement of Class Work	01-08-2024		
Induction Programme (Zero Semester)	01-08-2024	17-08-2024	3 Weeks
1 <sup>st</sup> Spell of Instructions	19-08-2024	19-10-2024	9 Weeks
I Mid examinations	21-10-2024	26-10-2024	1 Week
2 <sup>nd</sup> Spell of Instructions	28-10-2024	14-12-2024	7 Weeks
II Mid examinations	16-12-2024	21-12-2024	1 Week
Preparation & Practicals	23-12-2024	28-12-2024	1 Week
Semester End Examinations	30-12-2024	11-01-2025	2 Weeks
B.Tech 2024 Batch 1 <sup>st</sup> Year 2 <sup>nd</sup> Semester			
Commencement of Class Work	13-01-2025		
1 <sup>st</sup> Spell of Instructions	13-01-2025	08-03-2025	8 Weeks
I Mid examinations	10-03-2025	15-03-2025	1 Week
2 <sup>nd</sup> Spell of Instructions	17-03-2025	10-05-2025	8 Weeks
Summer Vacation	12-05-2024	24-05-2024	2 Weeks
II Mid examinations	26-05-2025	31-05-2025	1 Week
Preparation & Practicals	02-06-2025	07-05-2025	1 Week
Semester End Examinations	09-06-2025	21-06-2025	2 Weeks
Commencement of 2 <sup>nd</sup> Year 1 <sup>st</sup> Sem Class Work		23-06-2025	



## ANNEXURE -2

### ACADEMIC CALENDAR

#### M.Tech. 2024 Admitted Batch, I Year M.Tech for the Academic Year 2024-25

M.Tech 2024 Batch 1 <sup>st</sup> Year 1 <sup>st</sup> Semester			
Description	From Date	To Date	Duration
Commencement of Class Work	17-09-2024		
1 <sup>st</sup> Spell of Instructions	17-09-2024	16-11-2024	9 Weeks
I Mid examinations	18-11-2024	23-11-2024	1 Week
2 <sup>nd</sup> Spell of Instructions	25-11-2024	18-1-2025	8 Weeks
II Mid examinations	20-01-2025	25-01-2025	1 Week
Preparation & Practicals	27-01-2025	01-02-2025	1 Week
Semester End Examinations	03-02-2025	15-02-2025	2 Weeks
Commencement of II Semester Class Work	17-02-2025		
M.Tech 2024 Batch 1 <sup>st</sup> Year 2 <sup>nd</sup> Semester			
1 <sup>st</sup> Spell of Instructions	17-02-2025	19-04-2025	9 Weeks
I Mid examinations	21-04-2025	26-04-2025	1 Week
2 <sup>nd</sup> Spell of Instructions	28-04-2025	10-05-2025	2 Weeks
Summer Vacation	12-05-2024	31-05-2024	3 Weeks
2 <sup>nd</sup> Spell of Instructions	02-06-2025	12-07-2025	6 Weeks
II Mid examinations	14-07-2024	19-07-2024	1 Week
Preparation & Practicals	21-07-2025	26-07-2025	1 Week
Semester End Examinations	28-07-2025	09-08-2025	2 Weeks
Commencement of 2 <sup>nd</sup> Year 1 <sup>st</sup> Sem Class Work		11-08-2025	