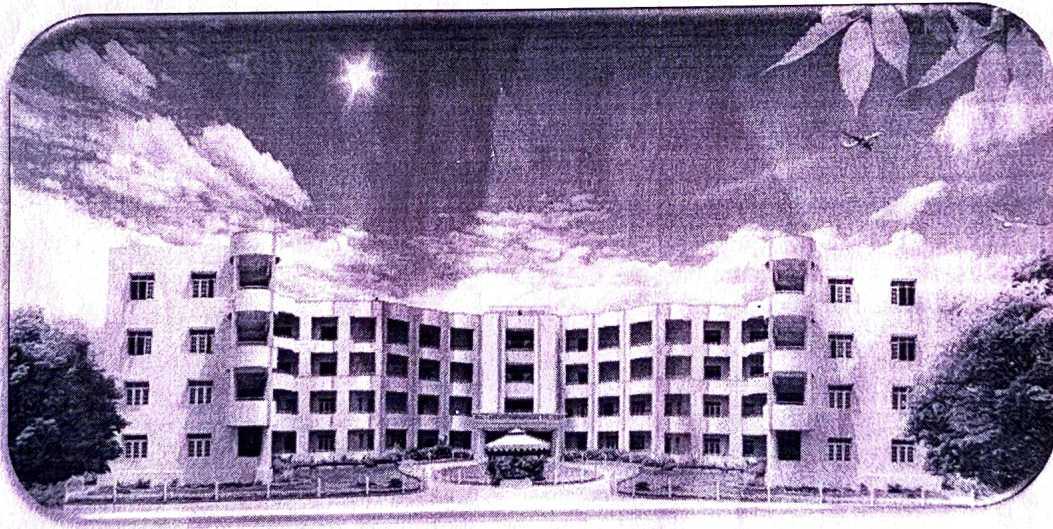
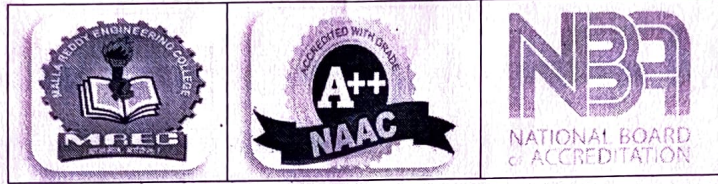


17th Board of Studies Meeting
(MR24 Regulations)
Academic Year: 2024-25



Department of Information Technology
Malla Reddy Engineering College

(UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad).
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[Handwritten signatures in blue and green ink]



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Department of Information Technology

09/11/2024


17th BOS Meeting

Action Taken Report (ATR) on Previous BOS Meeting (16th BOS)

The previous Board of Studies meeting to the A.Y 2023-24 was held on 16-03-2024.
The following resolutions and corresponding actions are taken as follows:

Resolution 1:	BOS Members has suggested continuing the Certification Courses as part of Skill development activity for the students.
Action Taken:	We have conducted Microsoft Certification program for the Students of IT department on Azure AI Fundamentals .
Resolution 2:	BOS Members suggested Rubrics for Viva-voice, PPT/Poster/Case-Study presentations for Theory, Laboratory and Skill Development Courses.
Action Taken:	Incorporated the rubrics as per suggestions for Viva-voice, during PPT/Poster/Case-Study presentations for Theory, Laboratory and Skill Development Courses for MR22 regulations.

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Arund, \$, de, Preet, Hussa, E, Preet, Ar, SA, Kuma


Dr. Deena Babu Mandru
Chairman-IT-BOS (UG)



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Department of Information Technology

Date: 09/11/2024


17th Board of Studies Meeting

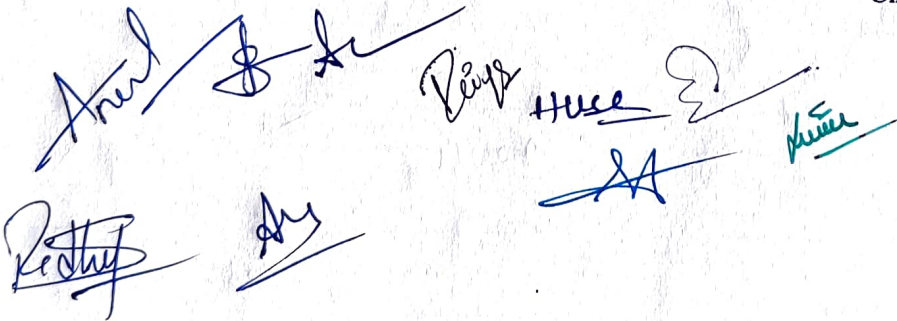
The 17th B.Tech(UG) Board of Studies meeting for Department of Information Technology is conducted on 09-11-2024 at 11:00 AM in the IT Department Conference Hall.

AGENDA

The agenda of the meeting is as follows.

- 17.1. Action Taken Report (ATR) on 16th BOS held on 16-03-2024.
- 17.2. Discussions and Approval of 1st course Structure & Syllabus for MR24.
- 17.3. Discussions and Approval of 4th Year course Structure for MR22.
- 17.4. Suggestion and approval of Panels for paper setting, Examiners for Theory, Practical, Seminar and Project examinations that will be submitted for Academic council for approval.


Dr. Deena Babu Mandru
Chairman, IT-BOS (UG)





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Department of Information Technology

Minutes of Meeting of IT (UG) - 17th BOS

Date: 09 /11/2024.

The 17th Board of Studies meeting of B.Tech-IT (UG) for the academic year 2024-2025 is conducted on 09/11/2024 at 11:00 A.M at IT Department Conference Hall. The following BOS Members have attended the Meeting:

a. BOS Members

Sl.No	Name of the Member	Designation	Position
1	Dr. Deena Babu Mandru	Professor & HOD	Chairman - BOS
2.	Dr. D. Ramesh	Principal, JNTUHUCE Palair, Khammam Dist.	University Nominee
3	Dr. M. Swami Das	Professor, Joint Director- Academics (Informatics), Dept. of CSE, CBIT, Hyd.	Subject Expert
4	Dr. M. Suresh Babu	Professor & Principal, Y.V.Siva Reddy College of Engineering & Technology, Vadiyampeta.	Subject Expert
5	Mr. Navin Kumar Kurapati	Associate Architect, Virtusa Consulting Services Private Limited, Hyderabad	Industry Expert
6	Dr.N.sridhar	Associate Professor	Faculty Member
7	Ms.M.Sandhya Vani	Assistant Professor	Faculty Member
8	Mr.N.Satish Kumar	Assistant Professor	Faculty Member
9	Mr.P.Saidulu	Assistant Professor	Faculty Member
10	Mr.P.Vinay Kumar	Assistant Professor	Faculty Member
11	Mr.P.Raghavendra Prasad	Assistant Professor	Faculty Member
12	Ms.M.Anusha	Assistant Professor	Faculty Member
13	Mrs.Ch. Venkata Anupama	Assistant Professor	Faculty Member
14	Ms.M.Santosh	Assistant Professor	Faculty Member
15	Mr.H.Venkata Subbaiah	Assistant Professor	Faculty Member
16	Ms.L.Priyanka	Assistant Professor	Faculty Member
17	Mr.D.Rahul Siddharth	S/W Engg, Tabulera , Hyd	Alumni

b. Agenda of the Meeting

- 17.1 Action Taken Report (ATR) on 16th BoS held on 16-03-2024.
- 17.2 Discussions and Approval of 2nd year course Structure for MR24.
- 17.3 Discussions and Approval of 4th year course Structure for MR22.

14. M. S. Anusha
P. S. Saidulu
Anusha
H. Venkata Subbaiah
S. Santosh
L. Priyanka
R. Siddharth

17.4 Suggestion and approval of **Panels** for paper setting, **Examiners** for Theory, Practical, Seminar and Project examinations that will be submitted for Academic council for approval.


17.5 **Any other points**

At the outset, Chairman of the IT (UG)-Board of Studies, welcomed the members of the BoS and appraised the purpose of the meeting. He also briefed about the previous BoS meeting resolutions and actions taken. Later, BoS members have discussed in detail about each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BoS for their implementation from the academic year 2024-25.

c. The following resolutions are approved after careful discussion and observations.

1. Discussions and Approval of **2nd year** course Structure for **MR24**.
 2. Discussions and Approval of **4th year** course Structure for **MR22**.
 3. Suggestion and approval of **Panels** for paper setting, **Examiners** for Theory, Practical, Seminar and Project examinations that will be submitted for Academic council for approval.
 4. **Delegation of Power** to the chairman, BOS based on the recommendation of the committee on circulation, for inclusion and exclusion of any item as per the requirements.
- d. The following are the **suggestions** made by the members of the BoS
- Suggested to introduce the Open Electives exclusively which will be offered by the Department.
 - Suggested to Replace Real Time Systems with Embedded Systems for MR22.

Finally, Dr.M.Deena Babu Mandru, Prof.& HOD and Chairman of the IT (UG)-Board of Studies, expressed his sincere thanks to all the members of the BoS for their active participation and contribution.


(Dr.Deena Babu Mandru)
HOD & Chairman
UG-B.Tech-IT-BOS





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Department of Information Technology

Date: 09-11-2024

17th BOS-Attendance

The 17th Board of Studies meeting for B.Tech-IT (UG) was held on 09-11-2024 at 11:00 A.M. The following members have attended to discuss and Approve 2nd Year Course Structures for MR24 and 4th Year Course Structure for MR22 Regulations and other points of agenda.

Sl. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr. Deena Babu Mandru	Professor & HOD	Chairman - BOS	
2.	Dr. D. Ramesh	Principal, JNTUHUCE Palair, Khammam Dist.	University Nominee	
3	Dr. M. Swami Das	Professor, Joint Director-Academics (Informatics), Dept. of CSE, CBIT, Hyd.	Subject Expert	online
4	Dr. M. Suresh Babu	Professor & Principal, Y.V.Siva Reddy College of Engineering & Technology, Vadiyampeta.	Subject Expert	online
5	Mr. Navin Kumar Kurapati	Associate Architect, Virtusa Consulting Services Private Limited, Hyderabad	Industry Expert	online
6	Dr.N.sridhar	Associate Professor	Faculty Member	
7	Ms.M.Sandhya Vani	Assistant Professor	Faculty Member	
8	Mr.N.Satish Kumar	Assistant Professor	Faculty Member	
9	Mr.P.Saidulu	Assistant Professor	Faculty Member	
10	Mr.P.Vinay Kumar	Assistant Professor	Faculty Member	
11	Mr.P.Raghavendra Prasad	Assistant Professor	Faculty Member	
12	Ms.M.Anusha	Assistant Professor	Faculty Member	
13	Mrs.Ch. Venkata Anupama	Assistant Professor	Faculty Member	
14	Ms.M.Santosha	Assistant Professor	Faculty Member	
15	Mr.H.Venkata Subbaiah	Assistant Professor	Faculty Member	
16	Ms.L.Priyanka	Assistant Professor	Faculty Member	
17	Mr.D.Rahul Siddharth	S/W Engg, Tabulera , Hyd	Alumini	

Dr.Deena Babu Mandru
Chairman, IT-BOS(UG)

Malla Reddy Engineering College

Department of Information Technology

MR24 Course Structure

I B Tech I Sem										
S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	BSC	D0B01	Matrices and Calculus	3	1	-	4	40	60	100
2	BSC	D0B08	Applied Physics	3	1	-	4	40	60	100
3	BSC	D0B10	Engineering Chemistry	3	1	-	4	40	60	100
4	ESC	D0305	Engineering Drawing	3	-	-	3	40	60	100
5	ESC	D0501	Programming for Problem Solving	3	-	-	3	40	60	100
6	BSC	D0B09	Applied Physics Lab	-	-	2	1	40	60	100
7	BSC	D0B11	Engineering Chemistry Lab	-	-	2	1	40	60	100
8	ESC	D0502	Programming for Problem Solving Lab	-	-	2	1	40	60	100
				15	3	6	21			800

I B Tech II Sem										
S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	BSC	D0B02	Ordinary Differential Equations and Vec	3	1	-	4	40	60	100
2	HSMC	D0H01	English for Skill enhancement	3	1	-	4	40	60	100
3	PCC	D0203	Basic Electrical and Electronics Enginee	3	-	-	3	40	60	100
4	PCC	D0503	Python Programming	3	-	-	3	40	60	100
5	HSMC	D0H02	English Language and Communication S	-	-	2	1	40	60	100
6	PCC	D0204	Basic Electrical and Electronics Enginee	-	-	2	1	40	60	100
7	PCC	D0504	Python Programming Lab	-	-	2	1	40	60	100
8	ESC	D1201	Engg and IT Workshop Lab	-	-	4	2	40	60	100
				12	2	10	19			800

II B Tech I Sem										
S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC		Digital Electronics	3	0	0	3	40	60	100
2	PCC	D0507	Data Structures	3	0	0	3	40	60	100
3	PCC		Computer Oriented Statistical Methods	3	1	0	4	40	60	100
4	PCC	D1202	Computer Organization	3	0	0	3	40	60	100
5	PCC	D1203	Introduction to IoT	3	0	0	3	40	60	100
6	PCC	D0509	Data Structures Lab	0	0	3	1.5	40	60	100
7	PCC	D1204	Internet of Things Lab	0	0	3	1.5	40	60	100
8	PCC	D1205	Data visualization- R Programming/	0	0	2	1	40	60	100
9	MC	D00M1	Gender Sensitization	0	0	2	0	100		
				14	1	12	20	320	480	800

II B Tech II Sem										
S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC	D0B05	Discrete Mathematics	3	0	0	3	40	60	100
2	MSC	D0H08	Business Economics & Financial	3	0	0	3	40	60	100
3	PCC	D0513	Operating Systems	3	0	0	3	40	60	100
4	PCC	D0512	Database Management Systems	3	0	0	3	40	60	100
5	PCC	D1206	Java Programming	2	0	0	2	40	60	100
6	PCC	D0517	Operating Systems Lab	0	0	2	1	40	60	100

7	PCC	D0516	Database Management Systems Lab	0	0	2	1	40	60	100
8	PCC	D1207	Java Programming Lab	0	0	2	1	40	60	100
9	PCC	D12P1	Real-time Research Project/ Societal	0	0	4	2	40	60	100
10	PCC	D1208	Node JS/ React JS/ Django	0	0	2	1	40	60	100
11	*MC	D00M5	Constitution of India	3	0	0	0	100		
				17	0	12	20	400	600	1000

III B Tech I Sem

S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC	D1209	Software Engineering	3	0	0	3	40	60	100
2	PCC	D1210	Data Communications and Computer	3	1	0	4	40	60	100
3	PCC	D1211	Machine Learning	3	0	0	3	40	60	100

Professional Elective - I

4	PEC-I	D1212	Biometrics	3	0	0	3	40	60	100
		D1213	Advanced Computer Architecture							
		D1214	Data Analytics							
		D1215	Image Processing							
		D1216	Pattern Recognition							

Professional Elective - II

5	PEC-II	D1217	Computer Graphics	3	0	0	3	40	60	100
		D1218	Quantum Computing							
		D1219	Advanced Operating Systems							
		D1220	Distributed Databases							
		D1221	Principles of Programming Languages							
6	PCC	D1222	Software Engineering & Computer	0	0	2	1	40	60	100
7	PCC	D1223	Machine Learning Lab	0	0	2	1	40	60	100
8	HSC	D1224	Advanced English Communication	0	0	2	1	40	60	100
9	PCC	D1225	UI Design- Flutter	0	0	2	1	40	60	100
10	MC	D00M6	Intellectual Property Rights	3	0	0	0	100		100
				18	1	8	20	360	540	900

III B Tech I Sem

S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC	D1226	Automata Theory and Compiler Design	3	0	0	3	40	60	100
2	PCC	D1227	Algorithms Design and Analysis	3	0	0	3	40	60	100
3	PCC	D0533	Software Testing Methodologies	3	0	0	3	40	60	100

Professional Elective - III

4	PEC-III	D1228	Full Stack Development	3	0	0	3	40	60	100
		D1229	Data Mining							
		D1230	Scripting Languages							
		D1231	Mobile Application Development							
		D0528	Embedded Systems							
5	OEC-I		Open Elective-I	3	0	0	3	40	60	100
6	PCC	D1232	Compiler Design Lab	0	0	2	1	40	60	100
7	PCC	D1233	Algorithms Design and Analysis Lab	0	0	2	1	40	60	100

Professional Elective-III Lab

8	PEC	D0535	Full Stack Development Lab	0	0	2	1	40	60	100
		D1234	Data Mining Lab							
		D0536	Scripting Languages Lab							
		D0537	Mobile Application Development Lab							

			Embedded Systems Lab							
9	PCC	D12P2	Industrial Oriented Mini Project/ Internship/ Skill Development Course	0	0	4	2	40	60	100
10	*MC	D00M2	Environmental Science	0	0	0	0	100		100
TOTAL				15	0	10	20	360	540	900

IV B Tech I Sem

S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC	D1235	Information Security	3	0	0	3	40	60	100
2	PCC	D1236	Cloud Computing	3	0	0	3	40	60	100

Professional Elective -IV

3	PEC-IV	D1237	Human Computer Interaction	3	0	0	3	40	60	100
		D1238	High Performance Computing							
		D1239	Artificial Intelligence							
		D1240	Information Retrieval Systems							
		D1241	Ad-hoc & Sensor Networks							

Professional Elective -V

4	PEC-V	D1242	Intrusion Detection Systems	3	0	0	3	40	60	100
		D1243	Real Time Systems							
		D1244	Blockchain Technology							
		D1245	Deep Learning							
		D1246	Software Process & Project							
5	OEC-II		Open Elective-II	3	0	0	3	40	60	100
6	PCC	D1247	Information Security Lab	0	0	2	1	40	60	100
7	PCC	D1248	Cloud Computing Lab	0	0	2	1	40	60	100
8	PCC	D12P3	Project Stage - I	0	0	6	3	40	60	100
TOTAL				15	0	10	20	320	480	800

S.No	Category	Course Code	Subject	L	T	P	Credits	CIE	SEE	TOT
1	PCC	D0H09	Organizational Behavior	3	0	0	3	40	60	100

Professional Elective - VI

5	PEC-V	D1249	Natural Language Processing	3	0	0	3	40	60	100
		D1250	Distributed Systems							
		D1251	Augmented Reality & Virtual Reality							
		D1252	Web Security							
		D1253	Cyber Forensics							
3	OEC-III		Open Elective - III	3	0	0	3	40	60	100
4	PCC	D12P4	Project Stage - II including Seminar	0	0	22	11	40	60	100
TOTAL				9	0	22	20	160	240	400

TOTAL CREDITS | 160

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E Mail: pa2registrar@jntuh.ac.in



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500085, Telangana, India.

Dr.K.VENKATESWARA RAO
M. Sc.,M.Tech.,Phd.,PDF(Johns Hopkins Medicine USA)
Professor of Nano Technology &
REGISTRAR

Lr. No. JNTUH/DACA/J4/960/2024

Dated 18.05.2024

To
The Principal,
Malla Reddy Engineering College,
Maisammaguda, Dhulapally (Post via Kompally),
Medchal Malkajgiri (Dist).

Sir,

Sub: JNTUH – DACA – Nomination of University nominees for Boards of Studies for
Malla Reddy Engineering College (J4) – Reg.

Ref: 1. Your Lr. No.MREC/Autonomous/BOS/2023-24/1, dated 16.05.2024.

2. Note orders of the Hon'ble Vice-Chancellor, JNTUH, dated 16.05.2024.

With reference to the (2) cited, the Hon'ble Vice-Chancellor is pleased to nominate the following faculty members of the University for reconstitution of Board of Studies for Malla Reddy Engineering College, Maisammaguda, Dhulapally (Post via Kompally), Medchal Malkajgiri Dist., for a period of two years as per the guidelines as given below:

Boards of Studies (One nominee from each department)

S.No	Name of the Department	Courses	Name of the University Nominee
1.	CSE,IT,CSE(AI&ML), CSE(DS),CSE (CS), CSE(IOT) and AI&ML	B.Tech/M.Tech	Dr. D. Ramesh Prof. of CSE, JNTUH UCEP
2.	EEE	B.Tech/M.Tech	Dr. S. Tara Kalyani Sr. Prof. of EEE, JNTUH UCESTH
3.	ME/Mining	B.Tech/M.Tech	Dr. P. Bhramara Prof. of ME, JNTUH UCESTH
4.	Civil	B.Tech/M.Tech	Dr. M. Janardhan Yadav Prof. of CE, JNTUH UCESTH
5.	ECE	B.Tech/M.Tech	Dr. M. Asha Rani Sr. Prof. of ECE, JNTUH UCESTH
6.	MBA	B.Tech/M.Tech	Dr. Sindhu Prof. of Management, JNTUHUCMH
7.	Mathematics	B.Tech/M.Tech	Dr. B. Ravindra Reddy Prof. of Mathematics, JNTUHUCESTH
8.	Physics	B.Tech/M.Tech	Dr. K. Venkateswara Rao Prof. of Nano Technology, JNTUH UCESTH

Contd..2

[Handwritten signatures and initials in blue ink, including names like Anil, Divya, Hussain, and others.]