



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

## INTERNAL QUALITY ASSURANCE CENTRE

### ACADEMIC AND ADMINISTRATIVE AUDIT

#### Part-I: PRELIMINARY INFORMATION

A.Y:2021-2022(Odd Sem)

Date: 18/07/2022

Name of the Department	:	Electrical & Electronics Engineering
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit	:	18/07/2022: 10:00AM.
External Members of the Audit Committee	:	Dr. P. Satish (HITAM)
	:	Dr. P. Sridhar (IARE)
	:	

NAME OF THE DEPARTMENT: Electrical & Electronics Engineering

#### PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks				
1	<b>Curricular Aspects</b>					
	(a) Course Offered					
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(b) Semester wise curricular Plan: Available / Not available	Available					
(c) Coverage of Syllabus:	Covered					
	(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes.				

2	<p><b>Faculty Status:</b>  <b>Total Faculty:</b>  <b>Available as per AICTE/JNTUH Registration:</b>          (a) Teacher: Student Ratio:          (b) Faculty Information:</p> <table border="1"> <thead> <tr> <th>Faculty</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Professors</td> <td>1</td> <td></td> </tr> <tr> <td>Associate professors</td> <td>3</td> <td></td> </tr> <tr> <td>Assistant professors</td> <td>6</td> <td>3</td> </tr> </tbody> </table> <p>(c) Teaching Experience of the Faculty in the institute:          Attached:</p> <table border="1"> <thead> <tr> <th>Experience</th> <th>&gt;10 years</th> <th>5-10yrs</th> <th>2-5 years</th> <th>&lt;2years</th> </tr> </thead> <tbody> <tr> <td>No.of Faculty</td> <td>3</td> <td>3</td> <td>1</td> <td>3</td> </tr> </tbody> </table> <p>(d) Details of Supporting Staff:          i) Lab Assistants: 3          ii) Assistant programmers:</p>	Faculty	Male	Female	Professors	1		Associate professors	3		Assistant professors	6	3	Experience	>10 years	5-10yrs	2-5 years	<2years	No.of Faculty	3	3	1	3	<p>Regular          13          15.1</p>
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	<p>term retention.</p> <p>• <b>Learning through problem-solving:</b></p> <p>Learning through problem-solving is an educational approach where students acquire knowledge and develop skills by tackling real-world problems. This method promotes critical thinking, creativity, and analytical skills as learners apply their knowledge to find solutions. It encourages active participation, collaboration, and practical application of theoretical concepts.</p>									
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- **Expeditionary learning:**

- i. Learning Expeditions:

- ii. Fieldwork and Case Studies

- iii. Authentic Projects

- iv. Experts and Community Involvement

- v. Reflection and Assessment

- **Active learning :**

is an educational approach where students learn from and with each other through collaboration, discussion, and shared problem-solving. It promotes active participation, enhances communication skills, and fosters a deeper understanding of the subject matter.

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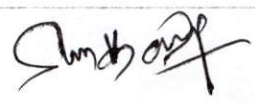
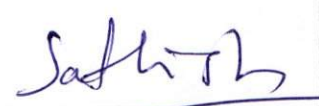
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7	<p><b>Faculty Development Programs:</b></p> <p><b>(a) FDPs amended by the faculty(Min 15 Days):</b></p> <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> <p><b>(b) Conferences attended by the faculty:</b></p> <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> <p><b>(c) Workshops attended by the faculty:</b></p> <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> <p><b>(d) Short Term Training Program (STTP) attended by the faculty:</b></p> <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol>	

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12	<p><b>Suggestions/Comments:</b></p> <p>1. Conduct more Workshops for students.</p>	
Signatures of the External Members		
		



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12	<p><b>Suggestions/Comments:</b></p> <p>1. Motivate students to complete more NPTEL Certification Courses Relevant to Core and Elective subjects.  2. Few students are opting for higher education. Motivate students to explore advanced Academic and Career opportunities.</p>	
	Signatures of the External Members	<p></p> <p></p>



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## Minutes of the Meeting of BoS (UG -B.Tech) for Electrical and Electronics Engineering held on 07.01.2021

The meeting of all the members of Board of studies Electrical and Electronics Engineering of MLRITM College, Dundigal is conducted on 07.01.2021 at 03.00 P.M through ONLINE of this institute.

The following are the BoS members for the Electrical and Electronics Engineering branch subjects:

S. No.	Name of the BoS members	Parent Organization Designation	BoS Designation
1	Dr. A. Vinod.	Professor & HOD, Dept. of EEE, MLRITM	Chairman.
2	Mr. P. Venkata Narayana.	Associate Professor, Dept. of EEE, JNTUH.	JNTUH, Nominee.
3	Dr. A. Raghu Ram.	Professor & HOD. Department of EEE, JNTUH, Hyderabad.	Subject Expert.
4	Dr. G. Malleshham.	Professor, Department of EEE, Osmania University, Hyderabad.	Subject Expert.
5	Mr. Bharatha Bhargav.	Deputy Manager - Engg. Division, Raychem PRG International Electrical Ltd., Hyderabad.	Expert from Industry.
6	Dr. R. Isaac	Professor, Dept of EEE, MLRITM.	Member.
7	Mr. M. Shankar	Asst. Professor, Dept of EEE, MLRITM	Member.
8	Mr. A. Muneiah	Asst. Professor, Dept of EEE, MLRITM	Member.

BoS Chairman for the Electrical and Electronics Engineering (EEE) department has welcomed honorable members to the BoS meeting.

The BoS meeting has commenced with the permission of the Chairman.

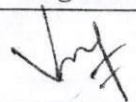
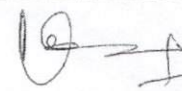
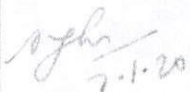

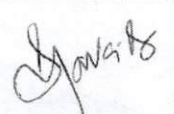
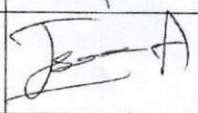

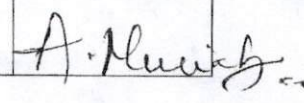
Chairman and BoS Members have gone through

- MLRS - R20 regulations
- Service subjects offered by EEE Department (Annexure – I)
- Course structure (Annexure – II)
- Syllabus (Annexure – III)

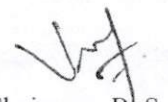
Offered by the EEE department for the students admitted with effect from the Academic Year (2020- 2021) are finalized in detail and at length of syllabus for the Theory & Laboratory subjects as well as service subjects offered by EEE department are enclosed.



The following members have attended the BoS meeting:

S. No.	Name & Details of Members	Designation	Signature
1	Dr. A. Vinod, Professor & HOD, Dept. of EEE, MLRITM	Chairman, Dept. of EEE, MLRITM	
2	Mr. P Venkata Narayana Associate Professor, Dept. of EEE, JNTUH.	Member, JNTUH- Nominee	
3	Dr. A. Raghu Ram, Professor & HOD, Dept of EEE, JNTUH, Hyderabad.	Member, Subject Expert, Dept. of EEE, JNTUH, Hyderabad.	
4	Dr. G. Mallesham Professor & HOD, Dept of EEE, Osmania University, Hyderabad.	Member, Subject Expert, Dept of EEE, OU, Hyderabad.	
5	Mr. Bharatha Bhargav, Deputy Manager - Engg. Division, Raychem PRG International Electricals Ltd.	Member, Expert from Industry	
6	Dr. R. Isaac Professor, Dept of EEE, MLRITM	Member, Dept. of EEE, MLRITM	
7	Mr. M. Shankar, Assistant Professor, Dept of EEE, MLRITM	Member, Dept of EEE, MLRITM	
8	Mr. M. Munieah, Assistant Professor, Dept of EEE, MLRITM	Member, Dept of EEE, MLRITM	

Date: 07/01/2021

  
Chairman, BoS.



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

## INTERNAL QUALITY ASSURANCE CENTRE

### ACADEMIC AND ADMINISTRATIVE AUDIT

#### Part-I: PRELIMINARY INFORMATION

A.Y: 2021-2022 (ODD) Date: 18/7/2022

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit	:	18/07/2022, 10 AM
External Members of the Audit Committee	:	
	:	Dr. P. Satish (IITM)
	:	Dr. P. Sridhar (IARE)

NAME OF THE DEPARTMENT: Mechanical Engineering

#### PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks						
1	<b>Curricular Aspects</b>							
	(a) Course Offered							
	<table><tr><td>Name of the Course</td><td>Intake</td></tr><tr><td>B.Tech</td><td>60</td></tr><tr><td>M. Tech</td><td>18</td></tr></table>	Name of the Course	Intake	B.Tech	60	M. Tech	18	
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	B.Tech	60						
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(b) Semester wise curricular Plan: Available / Not available	Available							
(c) Coverage of Syllabus:	Yes							
(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes							



[illegible]



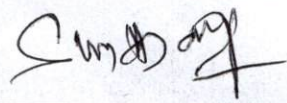
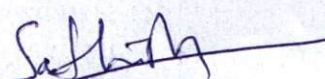
	<p>(c) Up gradation as per new technological developments and requirements of the course curriculum:</p> <p>(d) Availability of licensed software as per the course Curriculum:</p> <p>(e) Computational facilities available (No. of labs):</p> <p>(f) Number of PCs:</p> <p>(g) Software available:</p> <p>(h) No of Printers/Scanners:</p> <p>(i) Availability of updated Stock registers</p>	<p>Yes</p> <p>Yes</p> <p>4</p> <p>72</p> <p>Yes</p> <p>01/01</p> <p>Yes</p>																
5	<p><b>Report on Student Results:</b></p> <p><b>a) Report on overall Results (B.Tech)</b></p> <table border="1" data-bbox="336 801 1045 958"> <thead> <tr> <th>Metric</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Overall Pass Percentage</td> <td></td> </tr> <tr> <td>Distinctions</td> <td></td> </tr> <tr> <td>First Classes</td> <td></td> </tr> </tbody> </table> <p><b>(b) Report on Semester wise results (B.Tech)</b></p> <ul style="list-style-type: none"> <li>• I Semester Pass %:</li> <li>• II Semester Pass %:</li> <li>• III Semester Pass %:</li> <li>• IV Semester Pass %:</li> <li>• V Semester Pass %:</li> <li>• VI Semester Pass%:</li> <li>• VII Semester Pass %:</li> <li>• VIII Semester Pass %:</li> </ul> <p>Number of Students discontinued from the program:</p> <p><b>(c) Report on overall Results (PG Programs: M. Tech/MBA):</b></p> <table border="1" data-bbox="341 1617 1050 1774"> <thead> <tr> <th>Metric</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Overall Pass Percentage</td> <td></td> </tr> <tr> <td>Distinctions</td> <td></td> </tr> <tr> <td>First Classes</td> <td></td> </tr> </tbody> </table> <p><b>(d) Report on Semester wise results (PG Programs: M. Tech/MBA):</b></p> <ul style="list-style-type: none"> <li>• I Semester Pass %</li> <li>• II Semester Pass%: 100%</li> <li>• III Semester Pass %:</li> <li>• IV Semester Pass %:</li> </ul>	Metric	Result	Overall Pass Percentage		Distinctions		First Classes		Metric	Result	Overall Pass Percentage		Distinctions		First Classes		<p>65.15%</p> <p>72.03%</p> <p>85.96%</p> <p>100%</p> <p>100%</p>
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6	<b>Outcome Based Education (OBE):</b> <ol style="list-style-type: none"> <li>1. Proof for CO attainments:</li> <li>2. PO/PSO attainments:</li> <li>3. Action Taken Report(ATR) for non-attainment of CO's, PO, &amp; PSO's:</li> <li>4. Course Description forms (Which includes Articulation matrix Direct &amp; Indirect assessment tools</li> <li>5. Key competencies:</li> </ol>	yes yes yes yes yes
7	<b>Faculty Development Programs:</b> <ol style="list-style-type: none"> <li>(a) FDPs amended by the faculty(Min 15 Days):             <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> </li> <li>(b) Conferences attended by the faculty:             <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> </li> <li>(c) Workshops attended by the faculty:             <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> </li> <li>(d) Short Term Training Program (STTP) attended by the faculty:             <ol style="list-style-type: none"> <li>(i) National:</li> <li>(ii) International:</li> </ol> </li> <li>(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:</li> <li>(f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:</li> </ol>	VF yes yes



8	<p><b>Research Publications:</b></p> <p><b>(a). No. of publications in Journals:</b></p> <p>(i). National : 6</p> <p>(ii). International:</p> <p><b>(b). No. of publications in Conferences:</b></p> <p>(i). National: 2</p> <p>(ii). International: 1</p> <p>(iii). Book Chapters:</p> <p><b>(c). Report on Patents/ copyrights/Industrial Designs</b></p> <p>(i) Published: 2</p> <p>(ii) Granted:</p> <p><b>(d). Report on Ongoing Research /Sponsored Research Project details:</b></p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI &amp; CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr> <td>1</td><td>Dr. S.P. Jami</td><td>DST</td><td>504000</td><td>ongoing</td></tr> </tbody> </table> <p><b>(e). Report on Consultancy details:</b></p> <table border="1"> <thead> <tr> <th>Name of Faculty</th><th>Client Organization</th><th>Title of consultancy Project</th><th>Amount</th></tr> </thead> <tbody> <tr> <td>P. Sudhakar</td><td>Friend Fabrication works</td><td>Design a wheel for Agriculture Application</td><td>210,000</td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status	1	Dr. S.P. Jami	DST	504000	ongoing	Name of Faculty	Client Organization	Title of consultancy Project	Amount	P. Sudhakar	Friend Fabrication works	Design a wheel for Agriculture Application	210,000	
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9	<p><b>Library, other facilities:</b></p> <p><b>(a). Department Library:</b></p> <p>(i) Number of Titles: 89</p> <p>(ii) Total volumes of Books: 151</p> <p>(iii) Number of Journals:</p> <p>(iv) Department Magazines: 6</p> <p><b>(b). Any other please specify:</b></p>																			
10	<p><b>Placement Activities:</b></p> <p>(i) No. of companies Visited: 2</p> <p>(ii) No. of Placements offered: 9</p> <p>(iii) No. of Students placed: 9</p> <p>(iv) Higher salary offered: 3 LPA</p> <p>(v) Average salary offered: 2.5 LPA</p> <p>(vi) Median salary offered: 2.5 LPA</p> <p>(vii) Off campus placements: 0</p> <p>(viii) Higher education: 0</p>																			



11	<b>Report on Minutes of meetings and also on action taken/initiated respectively:</b> (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	yes yes yes
	Signatures of the External Members	
		

## Comments

1. Motivate Students to Complete Global Certification Courses.



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**INTERNAL QUALITY ASSURANCE CENTRE**

**ACADEMIC AND ADMINISTRATIVE AUDIT**

**Part-I: PRELIMINARY INFORMATION**

A.Y: 2021-2022 (EVEN) Date: 10/01/2023

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit	:	10/01/2023, 10 AM
External Members of the Audit Committee	:	
	:	Dr. P. Satish (HOD)
	:	Dr. P. Sridhar (IARE)

NAME OF THE DEPARTMENT: Mechanical Engineering.

**PART-II: ACADEMIC INFORMATION**

S.No	Particular	Remarks
1	<b>Curricular Aspects</b>	
	(a) Course Offered	
	Name of the Course	Intake
	B.Tech	60
	M. Tech	18
	(b) Semester wise curricular Plan: Available / Not available	Available
	(c) Coverage of Syllabus:	Yes
	(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes



2	<b>Faculty Status:</b>													
	<b>Total Faculty:</b>													
	<b>Available as per AICTE/JNTUH Registration:</b>													
	(a) Teacher: Student Ratio:													
	(b) Faculty Information:													
	<table border="1"> <thead> <tr> <th>Faculty</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Professors</td> <td>4</td> <td></td> </tr> <tr> <td>Associate professors</td> <td>4</td> <td>1</td> </tr> <tr> <td>Assistant professors</td> <td>7</td> <td>2</td> </tr> </tbody> </table>	Faculty	Male	Female	Professors	4		Associate professors	4	1	Assistant professors	7	2	Regular 18 yes 1:20
Faculty	Male	Female												
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	(c) Teaching Experience of the Faculty in the institute: Attached:													
	<table border="1"> <thead> <tr> <th>Experience</th> <th>&gt;10 years</th> <th>5-10yrs</th> <th>2-5 years</th> <th>&lt;2years</th> </tr> </thead> <tbody> <tr> <td>No. of Faculty</td> <td>4</td> <td>7</td> <td>8</td> <td>2</td> </tr> </tbody> </table>	Experience	>10 years	5-10yrs	2-5 years	<2years	No. of Faculty	4	7	8	2			
Experience	>10 years	5-10yrs	2-5 years	<2years										
No. of Faculty	4	7	8	2										
	(d) Details of Supporting Staff:													
	i) Lab Assistants:													
	ii) Assistant programmers:													
3	<b>Teaching – Learning:</b>													
	a) Availability of Course Files:	Yes												
	b) Student Assignments:	Yes												
	c) Tutorial classes:	Yes												
	d) Remedial Classes:	Yes												
	e) Field/Industrial visits:	Yes												
	f) Student Centric Activities:	Yes												
	• Quizzes / workshops / competitions conducted:	Yes												
	g) Use of supplementary teaching tools and application Of ICT: PPT, Smart TV.	Yes												
	h) Various Pedagogical approaches, Drshya Siksha Sangrah with proof:	Yes												
	i) Lecture based teaching-learning:	Yes												
	ii) Group-teaching and learning:	Yes												
	iii) Individual learning/self-study:	Yes												
	iv) Inquiry based learning:	Yes												
	v) Kinesthetic learning:	Yes												
	vi) Game Based learning:	Yes												
	vii) Expeditionary learning:	Yes												
	viii) Peer learning:	Yes												
	ix) Experimental learning	Yes												
x) Learning through problem-solving:	Yes													
4	<b>Laboratory Facilities:</b>													
	(a) Number of Laboratories:	12												
	(b) Working condition of equipment:	working												



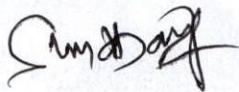

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8	<p><b>Research Publications:</b></p> <p><b>(a). No. of publications in Journals:</b>          (i). National :          (ii). International:</p> <p><b>(b). No. of publications in Conferences:</b>          (i). National:          (ii). International:          (iii). Book Chapters:</p> <p><b>(c). Report on Patents/ copyrights/Industrial Designs</b>          (i) Published:          (ii) Granted:</p> <p><b>(d). Report on Ongoing Research /Sponsored Research Project details:</b></p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI &amp; CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr> <td>1</td><td>Dr. Sp. Paul</td><td>DST</td><td>50,4000</td><td>ongoing</td></tr> </tbody> </table> <p><b>(e). Report on Consultancy details:</b></p> <table border="1"> <thead> <tr> <th>Name of Faculty</th><th>Client Organization</th><th>Title of consultancy Project</th><th>Amount</th></tr> </thead> <tbody> <tr> <td>V. Sathya</td><td>Friend labor</td><td>Design wheel for</td><td>2,10,00</td></tr> <tr> <td></td><td>+ Action works</td><td>Agriculture application</td><td></td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status	1	Dr. Sp. Paul	DST	50,4000	ongoing	Name of Faculty	Client Organization	Title of consultancy Project	Amount	V. Sathya	Friend labor	Design wheel for	2,10,00		+ Action works	Agriculture application		<p>4</p> <p>2</p> <p>2</p>
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11	<b>Report on Minutes of meetings and also on action taken/initiated respectively:</b> (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	yes yes yes
	Signatures of the External Members	
		

### Comments

1. To Encourage Students to learn Emerging area Courses.



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## INTERNAL QUALITY ASSURANCE CENTRE

### ACADEMIC AND ADMINISTRATIVE AUDIT

#### Part-I: PRELIMINARY INFORMATION

2021-2022 (EVEN)

Date: 10/01/23

Name of the Department	:	Computer Science And Engineering
Address of the Institute	:	Dundigal
Date and time of visit	:	10/01/2023, 10AM.
External Members of the Audit Committee	:	Dr. P. Sathish (HITAM)
	:	Dr. P. Sridhar (IAE)
	:	

NAME OF THE DEPARTMENT: CSE.

#### PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks
1	<b>Curricular Aspects</b> (a) Course Offered	
	(b) Semester wise curricular Plan: Available / Not available	Available
	(c) Coverage of Syllabus:	Covered
	(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes



2	<p><b>Faculty Status:</b>  <b>Total Faculty:</b>  <b>Available as per AICTE/JNTUH Registration:</b>  (a) Teacher: Student Ratio:  (b) Faculty Information:</p> <table border="1" data-bbox="328 360 1042 517"> <thead> <tr> <th>Faculty</th><th>Male</th><th>Female</th></tr> </thead> <tbody> <tr> <td>Professors</td><td>06</td><td>0</td></tr> <tr> <td>Associate professors</td><td>08</td><td>02</td></tr> <tr> <td>Assistant professors</td><td>24</td><td>14</td></tr> </tbody> </table> <p>(c) Teaching Experience of the Faculty in the institute:  Attached:</p> <table border="1" data-bbox="328 633 1010 779"> <thead> <tr> <th>Experience</th><th>&gt;10 years</th><th>5-10yrs</th><th>2-5 years</th><th>&lt;2years</th></tr> </thead> <tbody> <tr> <td>No. of Faculty</td><td>02</td><td>16</td><td>18</td><td>10</td></tr> </tbody> </table> <p>(d) Details of Supporting Staff:  i) Lab Assistants:  ii) Assistant programmers:</p>	Faculty	Male	Female	Professors	06	0	Associate professors	08	02	Assistant professors	24	14	Experience	>10 years	5-10yrs	2-5 years	<2years	No. of Faculty	02	16	18	10	<p>— 8</p>
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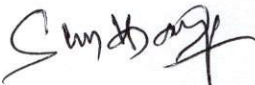

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11	<b>Report on Minutes of meetings and also on action taken/initiated respectively:</b> (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Qualityimprovement Committee: (d) Any Other Academic Committee:	yes yes yes
	Signatures of the External Members	
		

comment :-

1. Add NPTEL Links in course file.
2. Motivate students for Higher Education.



**MARRI LAXMAN REDDY**  
**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

**Minutes of the Meeting of BoS (B.Tech ) for CSE held on 30.07.2021**

The meeting of all the members of Board of studies of CSE of MLRITM College, Dundigal is conducted on 30.07.2022 at 11:00 A.M in the Board room of this institute.

The following are the BoS members for the CSE Department.

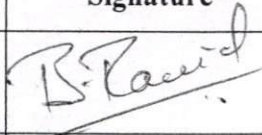
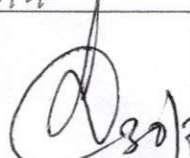
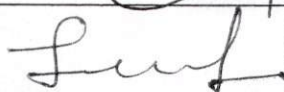
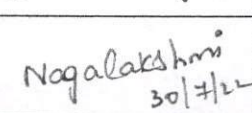
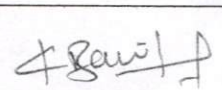

S. No.	Name & Details of Members	Designation	Category
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	Chairman
2	Dr. M. Nagaratna	Professor, Dept. of CSE, JNTUH.	University Nominee
3	Dr. S. Viswanadha Raju	Professor Dept. of CSE, JNTUH CEJ, Jagtial	Subject Expert
4	Mr. CH. Yukthesh	Sr. Technical Officer IBM	Expert form Industry
5	Dr. M. Naga Lakshmi	Professor & Head Dept. of IT, MLRITM, Dundigal	Member
6	Prof. K. Abdul Basith	Professor Dept. of CSE, MLRITM, Dundigal	Member
7	Mr. K. Suresh	Technical Consultant IntegRythm, Hyderabad	Alumni

BoS Chairman for the CSE department has welcomed honorable members to the BoS meeting. The BoS meeting has commenced with the permission of the chairman.

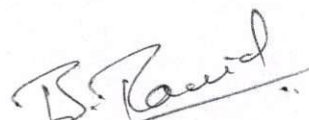
- BoS Members have finalized MLRS-R20 regulations syllabus for B.Tech CSE IV Year subjects for the students who admitted in to college for the A.Y. 2020-21. Course structure is enclosed in Annexure-I.
- BoS Members have discussed R22 course structure for the students who admitted in the college for the A.Y.2022-23.



- The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Signature
1	Dr. B. Ravi Prasad	Chairman, Dept of CSE, MLRITM	
2	Dr. M. Nagaratna	University Nominee, Professor, Dept. of CSE, JNTUH.	 30/7/22
3	Dr. S. Viswanadha Raju	Member – Subject Expert Dept. of CSE, JNTUH CEJ, Jagtial	 30/7/22
4	Mr. CH. Yukthesh	Member Expert from Industry	
5	Dr. M. Naga Lakshmi	Member Dept. of IT, MLRITM	 Nagalakshmi 30/7/22
6	Prof. K. Abdul Basith	Member Dept. of CSE, MLRITM	
7	Mr. K. Suresh	Alumni	

Date: 30.07.2022

  
Chairman, BoS



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## INTERNAL QUALITY ASSURANCE CENTRE

### ACADEMIC AND ADMINISTRATIVE AUDIT

#### Part-I: PRELIMINARY INFORMATION

A.Y 2021-2022 (OPD)

Date: 18/07/2022

Name of the Department	:	Computer Science And Engineering
Address of the Institute	:	Dundigal
Date and time of visit	:	18/7/2022, AM
External Members of the Audit Committee	:	Dr. P. Sathish (HITAM)
	:	Dr. P. Sridhar (IAE)
	:	

NAME OF THE DEPARTMENT: CSE.

#### PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks						
1	<b>Curricular Aspects</b> (a) Course Offered							
	<table><tr><td>Name of theCourse</td><td>Intake</td></tr><tr><td>B.Tech</td><td>193</td></tr><tr><td>M. Tech</td><td>06</td></tr></table>	Name of theCourse	Intake	B.Tech	193	M. Tech	06	
	Name of theCourse	Intake						
	B.Tech	193						
	M. Tech	06						
	(b) Semester wise curricular Plan: Available / Not available	Available						
(c) Coverage of Syllabus:	Covered							
(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes							



2	<b>Faculty Status:</b> <b>Total Faculty:</b> <b>Available as per AICTE/JNTUH Registration:</b> (a) Teacher: Student Ratio: (b) Faculty Information:	<table border="1"> <tr> <th>Faculty</th> <th>Male</th> <th>Female</th> </tr> <tr> <td>Professors</td> <td>4</td> <td>0</td> </tr> <tr> <td>Associate professors</td> <td>2</td> <td>2</td> </tr> <tr> <td>Assistant professors</td> <td>24</td> <td>14</td> </tr> </table>	Faculty	Male	Female	Professors	4	0	Associate professors	2	2	Assistant professors	24	14
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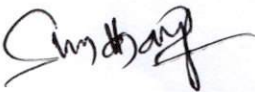

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	Signatures of the External Members	
		

Comments :-

1. Conduct more workshops for students.



**MARRI LAXMAN REDDY**  
**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
 (AN AUTONOMOUS INSTITUTION)  
 (Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)  
 Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

**INTERNAL QUALITY ASSURANCE CENTRE**  
**ACADEMIC AND ADMINISTRATIVE AUDIT**

**Part-I: PRELIMINARY INFORMATION**

A.Y. - 2021-22 (Odd)

Date: 18/07/2022

Name of the Department	:	Electronics & Communication Engineering
Address of the Institute	:	MCRITM, Dundigal, Hyderabad
Date and time of visit	:	
External Members of the Audit Committee	:	Dr. P. Satish (HITAM)
	:	Dr. P. Sridhar (IARE)
	:	

NAME OF THE DEPARTMENT: Electronics & Communication Engineering

**PART-II: ACADEMIC INFORMATION**

S.No	Particular	Remarks						
1	<b>Curricular Aspects</b>							
	(a) Course Offered							
	<table><tr><td>Name of the Course</td><td>Intake</td></tr><tr><td>B.Tech</td><td>180</td></tr><tr><td>M. Tech</td><td>18</td></tr></table>		Name of the Course	Intake	B.Tech	180	M. Tech	18
	Name of the Course		Intake					
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M. Tech	18							
(b) Semester wise curricular Plan: Available / Not available								



	<p>(c) Coverage of Syllabus:</p> <p>(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus: R20 Regulation to R22 Regulation</p>	<p>yes</p> <p>yes</p>																						
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3	<p><b>Teaching – Learning:</b></p> <p>a) Availability of Course Files:</p> <p>b) Student Assignments:</p> <p>c) Tutorial classes:</p>	<p>yes</p> <p>yes</p> <p>yes</p>																						

	d) Remedial Classes: e) Field/Industrial visits: f) Student Centric Activities: <ul style="list-style-type: none"> <li>Quizzes / workshops / competitions conducted:</li> </ul> g) Use of supplementary teaching tools and application Of ICT: PPT, Smart TV: h) Various Pedagogical approaches, Drshya Siksha Sangrah with proof: i) Lecture based teaching-learning: ii) Group-teaching and learning: iii) Individual learning/self-study: iv) Inquiry based learning: v) Kinesthetic learning: vi) Game Based learning: vii) Expeditionary learning: viii) Peer learning: ix) Experimental learning x) Learning through problem-solving:	yes yes yes yes yes YouTube Links yes yes yes yes yes yes yes yes yes yes
4	<b>Laboratory Facilities:</b>  (a) Number of Laboratories: (b) Working condition of equipment:  (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum:	06 yes  yes  yes



	(e) Computational facilities available (No. of labs):  (f) Number of PCs:  (g) Software available:  (h) No of Printers/Scanners:  (i) Availability of updated Stock registers :	04 102 05 04 Yes								
5	<p><b>Report on Student Results:</b></p> <p><b>a) Report on overall Results (B.Tech)</b></p> <table><tr><th>Metric</th><th>Result</th></tr><tr><td>Overall Pass Percentage</td><td>58.42%.</td></tr><tr><td>Distinctions</td><td>43.02%.</td></tr><tr><td>First Classes</td><td>29.06%.</td></tr></table> <p><b>(b) Report on Semester wise results (B.Tech)</b></p> <ul style="list-style-type: none"><li>• I Semester Pass %:</li><li>• II Semester Pass %:</li><li>• III Semester Pass %:</li><li>• IV Semester Pass %:</li><li>• V Semester Pass %:</li><li>• VI Semester Pass%:</li><li>• VII Semester Pass %:</li><li>• VIII Semester Pass %:</li></ul> <p>Number of Students discontinued from the program:</p>	Metric	Result	Overall Pass Percentage	58.42%.	Distinctions	43.02%.	First Classes	29.06%.	55.44% — 64.28% — 54.10% — 59.39% — —
Metric	Result									
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**(c) Report on overall Results (PG Programs:**

**M. Tech/MBA):**

Metric	Result
Overall Pass Percentage	100%
Distinctions	100%
First Classes	

**(d) Report on Semester wise results (PG Programs: M.Tech/MBA:**

- I Semester Pass %
- II Semester Pass%:
- III Semester Pass %:
- IV Semester Pass %:

100%  
—  
100%  
—

Number of Students discontinued the program:

**Outcome Based Education (OBE):**

6

1. Proof for CO attainments:
2. PO/PSO attainments:
3. Action Taken Report (ATR) for non-attainment of CO's, PO, & PSO's:
4. Course Description forms (Which includes Articulation matrix Direct & Indirect assessment tools
5. Key competencies:

yes  
yes  
yes  
  
yes  
yes



7	<p><b>Faculty Development Programs:</b></p> <p><b>(a) FDPs amended by the faculty (Min 15 Days):</b></p> <p>(i) National:</p> <p>(ii) International:</p> <p><b>(b) Conferences attended by the faculty:</b></p> <p>(i) National:</p> <p>(ii) International:</p> <p><b>(c) Workshops attended by the faculty:</b></p> <p>(i) National:</p> <p>(ii) International:</p> <p><b>(d) Short Term Training Program (STTP) attended by the faculty:</b></p> <p>(i) National:</p> <p>(ii) International:</p> <p><b>(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:</b></p> <p><b>(f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:</b></p>	<p>09</p> <p>yes</p> <p>yes</p>
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**Research Publications:****(a). No. of publications in Journals:**

05

(i). National:

(ii). International:

**(b). No. of publications in Conferences:**

09

(i). National:

(ii). International:

(iii). Book Chapters:

**(c). Report on Patents/ copyrights/Industrial****Designs**

(i) Published:


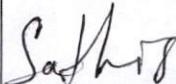
(ii) Granted:

**(d). Report on Ongoing Research /Sponsored****Research Project details:**

Title	Name of PI & CO-PI	Funding agency	Amount	Status
Development of a wireless sensor network with radio cognitive functionalities	Dr. N. Srinivas	SERB	15,78,500	ongoing
Agri Innovation hub for development of schedule Tribes (ST) Community	Dr. H. Amarnath	Govt. of India	2,98,67,113	ongoing



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11	<p><b>Report on Minutes of meetings and also on action taken/initiated respectively:</b></p> <p>(a) Board of studies:  (b) Department Advisory Board:  (c) Programme Assessment and Quality improvement Committee:  (d) Any Other Academic Committee:</p>	
12	<p><b>Comments / Suggestions</b></p> <p>1) It is observed that most of the faculty course files well, but few are missing in other course files -  2) following action taken on student feedback are documented well.</p>	
13	Signatures of the External Members	 





21-22 II

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Date: 10-01-2023

<b>Name of the Department</b>	:	Electronics & Communication Engineering
<b>Address of the Institute</b>	:	MLRITM, Dundigal, Hyderabad
<b>Date and time of visit</b>	:	
<b>External Members of the Audit Committee</b>	:	Dr. P. Satish (HITAM)
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Available								



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11	<b>Report on Minutes of meetings and also on action taken/initiated respectively:</b> (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	
12	<b>Comments / Suggestions</b> The audit committee stressed the importance of continuous faculty development programs, especially in new and emerging areas like AI, ML, IoT	
13	Signatures of the External Members	