



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

2022-23

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y: 2022-23

Date: 24/6/2023

Name of the Department	:	Computer Science and Engineering
Address of the Institute	:	Dundigal
Date and time of visit	:	24/6/2023 10 AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy (Women in)
	:	Dr. P. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT: CSE

PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks						
1	Curricular Aspects							
	(a) Course Offered							
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	M. Tech	06						
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(c) Coverage of Syllabus:		covered						
(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:		Yes						

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11	Report on Minutes of meetings and also on action taken/initiated respectively: (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	
		

comments :

1. Focus on Higher Package salary,
2. more patents required for faculty.



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Minutes of the Meeting of BoS (U.G -B.Tech - CSE) held on 27.03.2023

The meeting of all the members of Board of studies of CSE of MLRITM College, Dundigal is conducted on 27.03.2023 at 10:00 A.M in the Board room of this institute.

The following are the BoS members for the CSE Department.

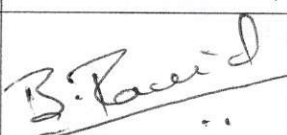
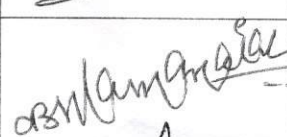
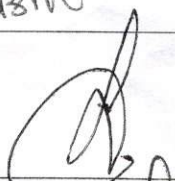
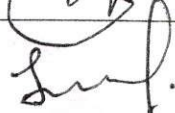
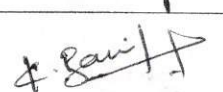
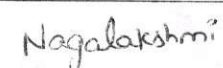
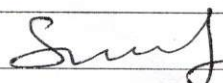
S. No.	Name & Details of Members	Designation	Category
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	Chairman
2	Dr. O. B. V. Ramanaiah	Professor, Dept. of CSE, JNTUH.	JNTUH, Nominee
3	Dr. S. Viswanadha Raju	Professor Dept. of CSE, JNTUH CEJ, Jagtial	Subject Expert
4	Mr. CH. Yukthesh	Sr. Technical Officer IBM	Expert form Industry
5	Prof. K. Abdul Basith	Professor Dept. of CSE, MLRITM, Dundigal	Member
6	Dr. M. Nagalakshmi	Professor Dept. of CSE, MLRITM, Dundigal	Member
7	Mr. K. Suresh	Technical Consultant IntegRhythm, 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 B.Tech CSE MLRS – R22 II Year Course Structure and Syllabus for the students who are admitted in the college in the A.Y. 2022-23. B.Tech CSE II Year Course structure is enclosed in Annexure - I.

- The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Signature
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	
2	Dr. O. B. V. Ramanaiah	University Nominee, Professor, Dept. of CSE, JNTUH.	
3	Dr. S. Viswanadha Raju	Member – Subject Expert Dept. of CSE, JNTUH CEJ, Jagtial	
4	Mr. CH. Yukthesh	Member Expert from Industry	
5	Prof. K. Abdul Basith	Member Dept. of CSE, MLRITM	
6	Dr. M. Nagalakshmi	Member Dept. of CSE, MLRITM	
7	Mr. K. Suresh	Alumni	

Date: 27/03/2023


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Name of the Department	:	Computer Science and Engineering
Address of the Institute	:	Dundigal
Date and time of visit	:	29/11/2023
External Members of the Audit Committee	:	Dr. P. Venkat Reddy (Women Univ)
	:	Dr. P. Ashok babu, IARE
	:	

NAME OF THE DEPARTMENT: CSE

PART-II: ACADEMIC INFORMATION



S.No	Particular	Remarks						
1	Curricular Aspects (a) Course Offered							
	<table><tr><td>Name of theCourse</td><td>Intake</td></tr><tr><td>B.Tech</td><td>192</td></tr><tr><td>M. Tech</td><td>06</td></tr></table>	Name of theCourse	Intake	B.Tech	192	M. Tech	06	
	Name of theCourse	Intake						
	B.Tech	192						
	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	Faculty Status:												
	Total Faculty:												
	Available as per AICTE/JNTUH Registration:												
	(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>08</td> <td>02</td> </tr> <tr> <td>Associate professors</td> <td>03</td> <td>0</td> </tr> <tr> <td>Assistant professors</td> <td>24</td> <td>14</td> </tr> </tbody> </table>	Faculty	Male	Female	Professors	08	02	Associate professors	03	0	Assistant professors	24	14
Faculty	Male	Female											
Professors	08	02											
Associate professors	03	0											
Assistant professors	24	14											
(c) Teaching Experience of the Faculty in the institute: Attached:													
	<table border="1"> <thead> <tr> <th>Experience</th> <th>>10 years</th> <th>5-10yrs</th> <th>2-5 years</th> <th><2years</th> </tr> </thead> <tbody> <tr> <td>No. of Faculty</td> <td>10</td> <td>14</td> <td>27</td> <td>0</td> </tr> </tbody> </table>	Experience	>10 years	5-10yrs	2-5 years	<2years	No. of Faculty	10	14	27	0		
Experience	>10 years	5-10yrs	2-5 years	<2years									
No. of Faculty	10	14	27	0									
(d) Details of Supporting Staff:													
i) Lab Assistants:		—											
ii) Assistant programmers:		13											
3	Teaching – Learning:												
	a) Availability of Course Files:	yes											
	b) Student Assignments/Unit Test:	conducted											
	c) Tutorial classes:	conducted											
	d) Remedial Classes:	Conducted / visited											
	e) Field/Industrial visits/Internships:												
	f) Student Centric Activities:												
	• Quizzes / workshops / competitions conducted:	yes											
	g) Use of supplementary teaching tools and application Of ICT: PPT, Smart TV.												
	h) Various Pedagogical approaches, Drshya Siksha Sangraha with proof:												
	i) Lecture based teaching-learning:	yes											
	ii) Group-teaching and learning:	yes											
	iii) Individual learning/self-study:	yes											
	iv) Inquiry based learning:	yes											
	v) Expeditionary learning:	yes											
	vi) Peer learning:	yes											
	vii) Experimental learning:	yes											
	viii) Learning through problem-solving:	yes											
	i) Adherence to Academic Calendar:	yes											
j) Quality of Student Projects:	yes												
4	Laboratory Facilities:												
	(a) Number of Laboratories:	24											
	(b) Working condition of equipment:	Good											

	<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>opsource</p> <p>84 850 Available</p> <p>24 Printers, 5 Scanners</p> <p>24</p>																
5	<p>Report on Student Results:</p> <p>a) Report on overall Results (B.Tech)</p> <table><tr><th>Metric</th><th>Result</th></tr><tr><td>Overall Pass Percentage</td><td></td></tr><tr><td>Distinctions</td><td></td></tr><tr><td>First Classes</td><td></td></tr></table> <p>(b) Report on Semester wise results (B.Tech)</p> <ul style="list-style-type: none">• I Semester Pass %:• II Semester Pass %:• III Semester Pass %:• IV Semester Pass %:• V Semester Pass %:• VI Semester Pass%:• VII Semester Pass %:• VIII Semester Pass %: <p>Number of Students discontinued from the program:</p> <p>(c) Report on overall Results (PG Programs: M. Tech/MBA):</p> <table><tr><th>Metric</th><th>Result</th></tr><tr><td>Overall Pass Percentage</td><td></td></tr><tr><td>Distinctions</td><td></td></tr><tr><td>First Classes</td><td></td></tr></table> <p>(d) Report on Semester wise results (PG Programs: M. Tech/MBA):</p> <ul style="list-style-type: none">• I Semester Pass %• II Semester Pass%:• III Semester Pass %:• IV Semester Pass %:	Metric	Result	Overall Pass Percentage		Distinctions		First Classes		Metric	Result	Overall Pass Percentage		Distinctions		First Classes		<p>-</p> <p>99.47%.</p> <p>-</p> <p>90.20%.</p> <p>-</p> <p>73.63%.</p> <p>-</p> <p>95%.</p> <p>-</p> <p>100%.</p> <p>-</p> <p>7</p>
Metric	Result																	
Overall Pass Percentage																		
Distinctions																		
First Classes																		
Metric	Result																	
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Distinctions																		
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	Number of Students discontinued the program:	
6	Outcome Based Education (OBE): <ol style="list-style-type: none"> 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: 	<p>Yes</p> <p>Available</p> <p>Available</p> <p>Yes</p> <p>Yes</p>
7	Faculty Development Programs: <ol style="list-style-type: none"> (a) FDPs amended by the faculty(Min 15 Days): <ol style="list-style-type: none"> (i) National: (ii) International: (b) Conferences attended by the faculty: <ol style="list-style-type: none"> (i) National: (ii) International: (c) Workshops attended by the faculty: <ol style="list-style-type: none"> (i) National: (ii) International: (d) Short Term Training Program (STTP) attended by the faculty: <ol style="list-style-type: none"> (i) National: (ii) International: (e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs: (f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.: 	<p>22</p> <p>08</p> <p>09</p> <p>20</p> <p>08</p> <p>16</p> <p>07</p> <p>Yes</p> <p>Yes</p>

8	<p>Research Publications:</p> <p>(a). No. of publications in Journals: (i). National : (ii). International:</p> <p>(b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters:</p> <p>(c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted:</p> <p>(d). Report on Ongoing Research /Sponsored Research Project details:</p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI & CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>(e). Report on Consultancy details:</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> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status											Name of Faculty	Client Organization	Title of consultancy Project	Amount									<p>35 10 28 04 09 12 01</p>
Title	Name of PI & CO-PI	Funding agency	Amount	Status																									
Name of Faculty	Client Organization	Title of consultancy Project	Amount																										
9	<p>Library, other facilities:</p> <p>(a). Department Library: (i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines:</p> <p>(b). Any other please specify:</p>	<p>:</p> <p>616 4946 06</p>																											
10	<p>Placement Activities:</p> <p>(i) No. of companies Visited: (ii) No. of Placements offered: (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education:</p>	<p>— — — — — — — —</p>																											

11	Report on Minutes of meetings and also on action taken/initiated respectively: (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	
		

Comments :-

1. focus on Training & placement.



Minutes of the Meeting of BoS (U.G - B.Tech – CSE & M.Tech(CSE)) held on 21.10.2022

The meeting of all the members of Board of studies of CSE of MLRITM College, Dundigal is conducted on 21.10.2022 at 10:00 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.	JNTUH, 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	Prof. K. Abdul Basith	Professor Dept. of CSE, MLRITM, Dundigal	Member
6	Dr. M. Nagalakshmi	Professor & Head Dept. of IT , MLRITM, Dundigal	Member
7	Mr. K. Suresh	Technical Consultant IntegRhythm, 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.

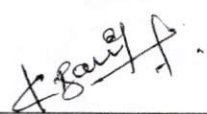
- BoS Members have finalized MLRS-R22 Course Structure, first year subjects and syllabus for B.Tech CSE & MLRS- R22 Two years course structure and Syllabus for M.Tech CSE students who will be admitted in to college for the A.Y. 2022-23. Course structure is enclosed in Annexure-I
- BoS Members have approved the distribution and weightage of marks for theory and practical subjects. These subjects will be evaluated for a maximum of 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End Examinations).

B. Ravi Prasad

M. Nagaratna

K. Suresh

➤ The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Signature
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	
2	Dr. M. Nagaratna	Professor, Dept. of CSE, JNTUH.	
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7	Mr. K. Suresh	Technical Consultant IntegRythm, Hyderabad	

Date: 21/10/2022


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:2022-2023(Even Sem)

Date: 29/11/2023

Name of the Department	:	Electrical & Electronics Engineering
Address of the Institute	:	Dundigal, Hyderabad.
Date and time of visit	:	29/11/2023, 10:30 AM
External Members of the Audit Committee	:	Dr. P. Venket Reddy.
	:	Dr. P. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT:

PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks				
1	Curricular Aspects					
	(a) Course Offered					
	<table><tr><td>Name of the Course</td><td>Intake</td></tr><tr><td>B.Tech</td><td>30 + 2</td></tr></table>	Name of the Course	Intake	B.Tech	30 + 2	
	Name of the Course	Intake				
	B.Tech	30 + 2				
(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				

	<p>Faculty Status: Total Faculty: Available as per AICTE/JNTUH Registration: (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>2</td> <td></td> </tr> <tr> <td>Assistant professors</td> <td>8</td> <td>3</td> </tr> </tbody> </table>	Faculty	Male	Female	Professors	1		Associate professors	2		Assistant professors	8	3	<p>Regular 14 14-14</p>
Faculty	Male	Female												
Professors	1													
Associate professors	2													
Assistant professors	8	3												
2	<p>(c) Teaching Experience of the Faculty in the institute: Attached:</p> <table border="1"> <thead> <tr> <th>Experience</th> <th>>10 years</th> <th>5-10yrs</th> <th>2-5 years</th> <th><2years</th> </tr> </thead> <tbody> <tr> <td>No.of Faculty</td> <td>6</td> <td>2</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>(d) Details of Supporting Staff: i) Lab Assistants: 3 ii) Assistant programmers:</p>	Experience	>10 years	5-10yrs	2-5 years	<2years	No.of Faculty	6	2	4	2			
Experience	>10 years	5-10yrs	2-5 years	<2years										
No.of Faculty	6	2	4	2										
3	<p>Teaching – Learning:</p> <p>a) Availability of course files: b) Student assignments: c) Tutorial classes: d) Remedial classes: e) Field/Industrial visits: Field or industrial visits are educational excursions to real-world sites, such as construction sites, surveying locations, material testing labs, concrete plants, and infrastructure projects. These visits provide students with first hand exposure to industry practices, enabling them to observe and understand how theoretical concepts are applied in practical settings. f) Student centric activities: Student-centric activities are learning experiences designed to place students at the center of the educational process, promoting active participation, self-direction, and personalized learning. These activities encourage creativity, problem-solving, and collaboration while allowing students to take ownership of their learning.</p> <ul style="list-style-type: none"> Quizzes/workshops/competitions conducted: <p>g) Use of supplementary teaching tools and application of ICT, PPT, Smart TV.</p>	<p>Yes Yes Yes Conducted/ Verified. Conducted</p>												

	<p>h) Various Pedagogical Approaches, Drshya siksha sangrah with proof:</p> <ul style="list-style-type: none"> • Lecture based teaching-learning: Modern approaches often combine lectures with interactive methods, such as group discussions, problem-solving, and technology, to make the learning experience more engaging and effective. • Group-teaching and learning: Collaborative Learning: Students work together in small groups, sharing knowledge, perspectives, and ideas to achieve a common learning goal. • Individual learning/self-study: self learning certificates. • Inquiry based learning: active learning approach where learners explore questions, problems, or scenarios rather than being presented with facts. It encourages curiosity, critical thinking, and problem-solving skills by involving students in the learning process through investigation and discovery. • Expeditionary learning: <ol style="list-style-type: none"> 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. • Experimental learning: Experiential Learning is a hands-on, active learning approach where students learn by doing and reflecting on their experiences. It emphasizes direct engagement with real-world tasks, allowing learners to apply theoretical knowledge in practical scenarios. This method fosters deeper understanding, problem-solving skills, and long- 	<p>Yes</p> <p>Yes</p> <p>yes.</p>
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	<p>term retention.</p> <ul style="list-style-type: none"> • Learning through problem-solving: <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>	Yes								
4	<p>Laboratory Facilities:</p> <p>(a) Number of Laboratories: 10</p> <p>i) Electrical Circuits Analysis Lab</p> <p>ii) Electrical Machines-I Lab</p> <p>iii) Electrical Simulation Tools Lab</p> <p>iv) Electrical Machines-II Lab</p> <p>v) Measurements & Instrumentation Lab</p> <p>vi) Control Systems</p> <p>Vii) Power Systems Lab</p> <p>Viii) Power Electronics Lab</p> <p>Ix) Project Lab</p> <p>(b) Working condition of equipment:</p> <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: 60</p> <p>(g) Software available:</p> <p>(h) No of Printers/Scanners: 1/1</p> <p>(i) Availability of updated Stock registers: Yes</p>	<p>10</p> <p>Good.</p> <p>Yes.</p> <p>Yes.</p> <p>30 matlab/multisim 2/1 Yes.</p>								
5	<p>Report on Student Results:</p> <p>a) Report on overall Results (B.Tech)</p> <table border="1"> <thead> <tr> <th>Metric</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Overall Pass Percentage</td> <td>96.77%</td> </tr> <tr> <td>Distinctions</td> <td></td> </tr> <tr> <td>First Classes</td> <td></td> </tr> </tbody> </table>	Metric	Result	Overall Pass Percentage	96.77%	Distinctions		First Classes		
Metric	Result									
Overall Pass Percentage	96.77%									
Distinctions										
First Classes										

	<p>(b) Report on Semester wise results (B.Tech)</p> <ul style="list-style-type: none"> • I Semester Pass %: — • II Semester Pass %: • III Semester Pass %: • IV Semester Pass %: • V Semester Pass %: • VI Semester Pass%: • VII Semester Pass %: • VIII Semester Pass %: 	<p>65.2</p> <p>73.46%.</p> <p>67%.</p> <p>96.77%.</p>
6	<p>Outcome Based Education (OBE):</p> <ol style="list-style-type: none"> 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: 	<p>yes</p> <p>yes</p> <p>Available</p> <p>Available</p> <p>yes.</p>
7	<p>Faculty Development Programs:</p> <p>(a) FDPs amended by the faculty(Min 15 Days):</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(b) Conferences attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(c) Workshops attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(d) Short Term Training Program (STTP) attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: 	<p>3</p>

8	<p>Research Publications:</p> <p>(a). No. of publications in Journals:</p> <p>(i). National : (ii). International:</p> <p>(b). No. of publications in Conferences:</p> <p>(i). National: (ii). International: (iii). Book Chapters:</p> <p>(c). Report on Patents/ copyrights/Industrial Designs</p> <p>(i) Published: (ii) Granted:</p> <p>(d). Report on Ongoing Research /Sponsored Research Project details:</p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI & CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>(e). Report on Consultancy details:</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>Mr. S. Thirupathi</td><td>Chowdary Panacea</td><td>Strategic design solution for electric</td><td>126050</td></tr> <tr> <td>Mrs. S. Thirupathi</td><td>Polymex</td><td>Custom wiring and power distribution</td><td>107000</td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status											Name of Faculty	Client Organization	Title of consultancy Project	Amount	Mr. S. Thirupathi	Chowdary Panacea	Strategic design solution for electric	126050	Mrs. S. Thirupathi	Polymex	Custom wiring and power distribution	107000	1
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9	<p>Library, other facilities:</p> <p>(i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines:</p>	<p>:</p> <p>677 1217 6 6</p>																											
10	<p>Placement Activities:</p> <p>(i) No. of companies Visited: (ii) No. of Placements offered: (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education:</p>	<p>8 61 47 5.5 LPA 3.5 LPA 2.8 LPA 2</p>																											

11	<p>Report on Minutes of meetings and also on action taken/initiated respectively:</p> <p>(a) Board of studies:</p> <p>(b) Department Advisory Board:</p> <p>(c) Programme Assessment and Quality improvement Committee:</p> <p>(d) Any Other Academic Committee:</p>	<p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p>
12	<p>Suggestions/Comments:</p> <p>1. Students achievements Need to be Increased</p> <p>2. More focus on Training and Placement.</p>	
	Signatures of the External Members	<p><u>P. Meek</u></p>
		<p><u>Shunt</u></p>



MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Minutes of the Meeting of BoS (U.G - B.Tech - EEE) held on 20.10.2022

The meeting of all the members of Board of studies of EEE of MLRITM College, Dundigal is conducted on 20.10.2022 at 3:00 PM. in online mode.

The following are the BoS members for the EEE Department.

S. No.	Name & Details of Members	Designation	Category
1	Dr. A. Vinod	Professor & Head Dept. of EEE, MLRITM, Dundigal	Chairman
2	Prof. P Venkata Narayana	Assoc. Professor, Dept. of EEE, JNTUH.	JNTUH, Nominee
3	Dr. A.Raguram	Professor Dept. of EEE, JNTUH	Subject Expert
4	Dr.G.Mallesham	Professor Dept. of EEE, OU	Subject Expert
5	Mr. B.Bhargav	Deputy Manager: Toshiba India	Expert form Industry
6	Dr.P.Jyoshna	Professor Dept. of EEE, MLRITM, Dundigal	Member
7	Mr. J. Yadagiri	Assoc. Professor Dept. of EEE , MLRITM, Dundigal	Member
8	Mr.B.Shiva Shanakar	Assoc. Professor Dept. of EEE , MLRITM, Dundigal	Member

BoS Chairman for the EEE 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-R22 Course Structure, I & II Year subjects and its lab syllabus B.Tech EEE students who will be admitted in to college for the A.Y. 2022-23. Course structure is enclosed in Annexure-I, Service subjects enclosed in Annexure-II and EEE Syllabus (I and II) Years Enclosed in Annexure-III.
- BoS Members have approved the distribution and weightage of marks for theory and practical subjects. These subjects will be evaluated for a maximum of 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End Examinations).

➤ The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Category
1	Dr. A. Vinod	Professor & Head Dept. of EEE, MLRITM, Dundigal	Chairman
2	Prof. P Venkata Narayana	Assoc. Professor, Dept. of EEE, JNTUH.	JNTUH, Nominee
3	Dr. A.Raguram	Professor Dept. of EEE, JNTUH	Subject Expert
4	Dr.G.Mallesham	Professor Dept. of EEE, JNTUH	Subject Expert
5	Mr. B.Bhargav	Deputy Manager: Toshiba India	Expert form Industry
6	Dr.P.Jyoshna	Professor Dept. of EEE, MLRITM, Dundigal	Member
7	Mr. J. Yadgiri	Assoc. Professor Dept. of EEE , MLRITM, Dundigal	Member
8	Mr.B.Shiva Shanakar	Assoc. Professor Dept. of EEE , MLRITM, Dundigal	Member

Date: 20/10/2022

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:2022-2023(Odd Sem)

Date: 24/06/2023

Name of the Department	:	Electrical & Electronics Engineering
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit	:	24/06/2023, 10:30 AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy
	:	Dr. P. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT:

PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks				
1	Curricular Aspects					
	(a) Course Offered					
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	Name of the Course	Intake				
	B.Tech	30+3				
(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>Faculty Status: Total Faculty: Available as per AICTE/JNTUH Registration: (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>2</td> <td></td> </tr> <tr> <td>Assistant professors</td> <td>8</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>>10 years</th> <th>5-10yrs</th> <th>2-5 years</th> <th><2years</th> </tr> </thead> <tbody> <tr> <td>No. of Faculty</td> <td>6</td> <td>2</td> <td>4</td> <td>2</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	2		Assistant professors	8	3	Experience	>10 years	5-10yrs	2-5 years	<2years	No. of Faculty	6	2	4	2	<p>Regular 14 14.14</p>
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3	<p>Teaching – Learning:</p> <p>a) Availability of course files: b) Student assignments: c) Tutorial classes: d) Remedial classes: e) Field/Industrial visits: Field or industrial visits are educational excursions to real-world sites, such as construction sites, surveying locations, material testing labs, concrete plants, and infrastructure projects. These visits provide students with first hand exposure to industry practices, enabling them to observe and understand how theoretical concepts are applied in practical settings. f) Student centric activities: Student-centric activities are learning experiences designed to place students at the center of the educational process, promoting active participation, self-direction, and personalized learning. These activities encourage creativity, problem-solving, and collaboration while allowing students to take ownership of their learning.</p> <ul style="list-style-type: none"> Quizzes/workshops/competitions conducted: <p>g) Use of supplementary teaching tools and application of ICT, PPT, Smart TV.</p>	<p>yes yes yes yes Conducted / Verified Conducted.</p>																						

	<p>h) Various Pedagogical Approaches, Drshya siksha sangrah with proof:</p> <ul style="list-style-type: none"> • Lecture based teaching-learning: Modern approaches often combine lectures with interactive methods, such as group discussions, problem-solving, and technology, to make the learning experience more engaging and effective. • Group-teaching and learning: Collaborative Learning: Students work together in small groups, sharing knowledge, perspectives, and ideas to achieve a common learning goal. • Individual learning/self-study: self learning certificates. • Inquiry based learning: active learning approach where learners explore questions, problems, or scenarios rather than being presented with facts. It encourages curiosity, critical thinking, and problem-solving skills by involving students in the learning process through investigation and discovery. • Expeditionary learning: <ol style="list-style-type: none"> 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. • Experimental learning: Experiential Learning is a hands-on, active learning approach where students learn by doing and reflecting on their experiences. It emphasizes direct engagement with real-world tasks, allowing learners to apply theoretical knowledge in practical scenarios. This method fosters deeper understanding, problem-solving skills, and long- 	<p>Yes .</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
--	---	---

	<p>term retention.</p> <ul style="list-style-type: none"> • Learning through problem-solving: <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>									
4	<p>Laboratory Facilities:</p> <p>(a) Number of Laboratories: 10</p> <p>i) Electrical Circuits Analysis Lab</p> <p>ii) Electrical Machines-I Lab</p> <p>iii) Electrical Simulation Tools Lab</p> <p>iv) Electrical Machines-II Lab</p> <p>v) Measurements & Instrumentation Lab</p> <p>vi) Control Systems</p> <p>vii) Power Systems Lab</p> <p>viii) Power Electronics Lab</p> <p>ix) Project Lab</p> <p>(b) Working condition of equipment:</p> <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: 60</p> <p>(g) Software available:</p> <p>(h) No of Printers/Scanners: 1/1</p> <p>(i) Availability of updated Stock registers: Yes</p>	<p>10.</p> <p>All working</p> <p>Yes.</p> <p>Yes</p> <p>Yes</p> <p>30 MATLAB, MULTISIM</p> <p>2/1</p> <p>Yes.</p>								
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6	<p>Outcome Based Education (OBE):</p> <ol style="list-style-type: none"> 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: 	<p>yes</p> <p>yes</p> <p>Available</p> <p>Available</p> <p>yes.</p>
7	<p>Faculty Development Programs:</p> <p>(a) FDPs amended by the faculty(Min 15 Days):</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(b) Conferences attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(c) Workshops attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: <p>(d) Short Term Training Program (STTP) attended by the faculty:</p> <ol style="list-style-type: none"> (i) National: (ii) International: 	<p>14</p> <p>2</p>

8	<p>Research Publications:</p> <p>(a). No. of publications in Journals: (i). National : (ii). International:</p> <p>(b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters:</p> <p>(c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted:</p> <p>(d). Report on Ongoing Research /Sponsored Research Project details:</p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI & CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr> <td>Demonstration & Popularization of Science through Dr. A. Vinod expose model</td><td>Dr. G. Narsinga Rao</td><td>DST- NCSTC</td><td>1792380</td><td>Completed</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>(e). Report on Consultancy details:</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>Mr. S. Thirumangalakudi</td><td>Chowalari Pathu Paal Tech</td><td>Strategic design Solution for e-bikes</td><td>126050</td></tr> <tr> <td>Mr. S. Thirumangalakudi</td><td>UD Polymers</td><td>Custom wiring Power Distribution</td><td>107000</td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status	Demonstration & Popularization of Science through Dr. A. Vinod expose model	Dr. G. Narsinga Rao	DST- NCSTC	1792380	Completed						Name of Faculty	Client Organization	Title of consultancy Project	Amount	Mr. S. Thirumangalakudi	Chowalari Pathu Paal Tech	Strategic design Solution for e-bikes	126050	Mr. S. Thirumangalakudi	UD Polymers	Custom wiring Power Distribution	107000	1
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11	<p>Report on Minutes of meetings and also on action taken/initiated respectively:</p> <ul style="list-style-type: none"> (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee: 	
12	<p>Suggestions/Comments:</p> <p>1. Focus on Higher studies.</p> <p>2. Very Few patents are there Doctorate, faculty and other faculty Can be motivated to get Research grants and Funded projects.</p>	
	Signatures of the External Members	
		



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ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y: 2022-2023 (EVEN)

Date: 29/11/2023

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit	:	29/11/2023, 10 AM
External Members of the Audit Committee	:	
	:	Dr. D. Venkat Reddy (WOMEN)
	:	Dr. P. Ashok babu (IARE)

NAME OF THE DEPARTMENT: Mechanical Engineering

PART-II: ACADEMIC INFORMATION

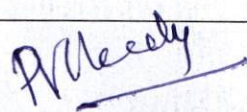
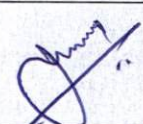
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5	<p>Report on Student Results:</p> <p>a) Report on overall Results (B.Tech)</p> <table border="1" data-bbox="331 801 1045 958"> <thead> <tr> <th>Metric</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Overall Pass Percentage</td> <td>84.73%</td> </tr> <tr> <td>Distinctions</td> <td></td> </tr> <tr> <td>First Classes</td> <td></td> </tr> </tbody> </table> <p>(b) Report on Semester wise results (B.Tech)</p> <ul style="list-style-type: none"> • I Semester Pass %: • II Semester Pass %: • III Semester Pass %: • IV Semester Pass %: • V Semester Pass %: • VI Semester Pass%: • VII Semester Pass %: • VIII Semester Pass %: e <p>Number of Students discontinued from the program:</p> <p>(c) Report on overall Results (PG Programs: M. Tech/MBA):</p> <table border="1" data-bbox="338 1619 1050 1776"> <thead> <tr> <th>Metric</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Overall Pass Percentage</td> <td>100%</td> </tr> <tr> <td>Distinctions</td> <td></td> </tr> <tr> <td>First Classes</td> <td></td> </tr> </tbody> </table> <p>(d) Report on Semester wise results (PG Programs: M. Tech/MBA):</p> <ul style="list-style-type: none"> • I Semester Pass % • II Semester Pass%: • III Semester Pass %: • IV Semester Pass %: 	Metric	Result	Overall Pass Percentage	84.73%	Distinctions		First Classes		Metric	Result	Overall Pass Percentage	100%	Distinctions		First Classes		<p>84.19%</p> <p>78.3%</p> <p>86.32%</p> <p>100%</p> <p>100%</p>
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8	<p>Research Publications:</p> <p>(a). No. of publications in Journals: (i). National : (ii). International:</p> <p>(b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters:</p> <p>(c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted:</p> <p>(d). Report on Ongoing Research /Sponsored Research Project details:</p> <table border="1"> <thead> <tr> <th>Title</th><th>Name of PI & CO-PI</th><th>Funding agency</th><th>Amount</th><th>Status</th></tr> </thead> <tbody> <tr> <td>1</td><td>S.P. Tani</td><td>DST</td><td>504000</td><td>ongoing</td></tr> <tr> <td>2</td><td>Dr. G. Srinivasan</td><td>DST</td><td>2.48 cr</td><td>ongoing</td></tr> </tbody> </table> <p>(e). Report on Consultancy details:</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>K. Veera</td><td>Trifolen Consulting</td><td>Development of</td><td>312000</td></tr> <tr> <td>Raghavulu</td><td>priv Ltd</td><td>Fire fighting Design and Detailed</td><td></td></tr> </tbody> </table>	Title	Name of PI & CO-PI	Funding agency	Amount	Status	1	S.P. Tani	DST	504000	ongoing	2	Dr. G. Srinivasan	DST	2.48 cr	ongoing	Name of Faculty	Client Organization	Title of consultancy Project	Amount	K. Veera	Trifolen Consulting	Development of	312000	Raghavulu	priv Ltd	Fire fighting Design and Detailed		<p>8</p> <p>8 7</p> <p>1</p>
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	Signatures of the External Members	
		

Comments:-

1: Motivate students for developing skills regarding Industries



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External Members of the Audit Committee	:	
	:	Dr. P. Venkat Reddy (woman)
	:	Dr. P. Ashok Babu (IARE)

NAME OF THE DEPARTMENT: Mechanical Engineering.

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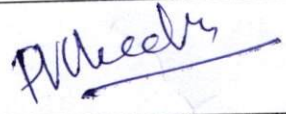
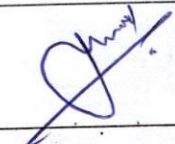
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[illegible]

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11	Report on Minutes of meetings and also on action taken/initiated respectively: (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 for higher Education
2. To Increase number of publications.



22-23 I

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 2022-2023

Date: 24/06/2023

Name of the Department	:	Electronics & Communication Engineering
Address of the Institute	:	MLRITM, Dundigal, Hyderabad.
Date and time of visit	:	24/6/2023, 10:30AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy
	:	Dr. P. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT: Electronics & Communication Engineering

PART-II: ACADEMIC INFORMATION

S.No	Particular	Remarks						
1	Curricular Aspects							
	(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>12</td></tr></table>		Name of the Course	Intake	B.Tech	180	M. Tech	12
	Name of the Course		Intake					
	B.Tech		180					
	M. Tech		12					
(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>Teaching – Learning:</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>																						

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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

Faculty Development Programs:

(a) FDPs amended by the faculty (Min 15 Days):

- (i) National:
- (ii) International:

(b) Conferences attended by the faculty:

- (i) National:
- (ii) International:

(c) Workshops attended by the faculty:

- (i) National:
- (ii) International:

(d) Short Term Training Program (STTP) attended by the faculty:

- (i) National:
- (ii) International:

(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:

(f) Reimbursement of Registration

Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:

09

Research Publications:**(a). No. of publications in Journals:**

(i). National:

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(b). No. of publications in Conferences:

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(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 cognitive radio functionalities	Dr. N. Srinivas	SERB	15,72,500	ongoing
Agoi Innovation hub for development of schedule tribe (ST) community in Narsampet	Dr. G. Ananth	Govt. of India	2,92,69,113	ongoing

	<p>(e). Report on Consultancy details:</p> <table border="1"> <thead> <tr> <th data-bbox="284 241 502 342">Name of Faculty</th> <th data-bbox="502 241 753 342">Client Organization</th> <th data-bbox="753 241 1058 342">Title of consultancy Project</th> <th data-bbox="1058 241 1212 342">Amount</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 342 502 499">Dr. G. Amornath</td> <td data-bbox="502 342 753 499">Vermasa India Pvt. Ltd</td> <td data-bbox="753 342 1058 499">Development of IoT based data logger for Comprehensive temperature monitoring</td> <td data-bbox="1058 342 1212 499">1,20,000</td> </tr> <tr> <td data-bbox="284 499 502 672"></td> <td data-bbox="502 499 753 672"></td> <td data-bbox="753 499 1058 672"></td> <td data-bbox="1058 499 1212 672"></td> </tr> </tbody> </table>	Name of Faculty	Client Organization	Title of consultancy Project	Amount	Dr. G. Amornath	Vermasa India Pvt. Ltd	Development of IoT based data logger for Comprehensive temperature monitoring	1,20,000					
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12	Comments / Suggestions <i>Motivating students to utilize digital platforms like NPTEL, Swayam and virtual labs</i>	<i>P</i>
13	Signatures of the External Members	<i>[Signature]</i>

P. Meeky



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

Date: 29/11/2023

Name of the Department	:	Electronics & Communication Engineering
Address of the Institute	:	MLR/ITM, Durgam, Hyderabad
Date and time of visit	:	29/11/2023, 10 AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy
	:	Dr. P. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT: Electronics & Communication Engineering

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(b) Semester wise curricular Plan: Available / Not available								

4	<p>d) Remedial Classes:</p> <p>e) Field/Industrial visits:</p> <p>f) Student Centric Activities:</p> <ul style="list-style-type: none"> Quizzes / workshops / competitions conducted: <p>g) Use of supplementary teaching tools and application Of ICT: PPT, Smart TV:</p> <p>h) Various Pedagogical approaches, Drshya Siksha Sangrah with proof:</p> <p>i) Lecture based teaching-learning:</p> <p>ii) Group-teaching and learning:</p> <p>iii) Individual learning/self-study:</p> <p>iv) Inquiry based learning:</p> <p>v) Kinesthetic learning:</p> <p>vi) Game Based learning:</p> <p>vii) Expeditionary learning:</p> <p>viii) Peer learning:</p> <p>ix) Experimental learning</p> <p>x) Learning through problem-solving:</p>	<p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>youtube links</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p>
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Research Publications:**(a). No. of publications in Journals:**

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Dr. H. Amornath	Vermasa India Pvt. Ltd	Development of IoT based data logger for Comprehensive temperature monitoring	1,80,000											
9	<p>Library, other facilities:</p> <p>(a). Department Library:</p> <p>(i) Number of Titles: —</p> <p>(ii) Total volumes of Books: 132</p> <p>(iii) Number of Journals: —</p> <p>(iv) Department Magazines: 01</p> <p>(b). Any other please specify:</p>	:												
10	<p>Placement Activities:</p> <p>(i) No. of companies Visited: 16</p> <p>(ii) No. of Placements offered: 100</p> <p>(iii) No. of Students placed: 100</p> <p>(iv) Higher salary offered: 6,50,000</p> <p>(v) Average salary offered: 3,00,000</p> <p>(vi) Median salary offered: 3,60,000</p> <p>(vii) Off campus placements: —</p> <p>(viii) Higher education: 04</p>													

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	
12	Comments / Suggestions <i>Some faculty using ICT Tools effectively, while others were encouraged to incorporate audio visual aids, online resources in their teaching</i>	
13	Signatures of the External Members	