

# External Audit

2017-18



**Malineni Lakshmaiah Women's Engineering College :: Guntur**  
Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada  
Pulladigunta (Vil), Vatticherukuru (Md), Prathipadu Road, Guntur – 522 017 A.P.

**ACADEMIC AUDIT REPORT of ECE**

Ref: MLWEC/ECE/ 2017/2018

Date: 18-4-2018

Audit Team: 1. Dr. K. Girisu babu, professor, VVIT

2. Dr. S. Susya Narayana, professor, KHIT

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I. Curricular Aspects	Observations	Remarks/Suggestions
Add-on/Certificate Courses	No	need to be improve
Coverage of Syllabus	Yes	Before mid-I & mid-II internal examinations
Department Academic Plan	Yes	As per the JNTUK AC
Department Programmes Organized	Yes	As per the dept. Academic plan
Record of Teaching & Non-teaching staff profile	Available	maintained separate file
NPTEL, SWAYAM Certifications	No	Faculty need to register for NPTEL courses
Feedback from all stakeholders	Yes	Feedback collected from the stakeholders
II. Teaching Learning & Evaluation		
Teachers using ICT for effective teaching with Learning Management Systems (LMS),	Available	

Research Publications	Yes	faculty publishing & patents need to be improved
Functional MoUs	Yes	idea labs, Nucleus vision, LLC
<b>IV. Placements &amp; Higher Education</b>		
No of students benefited by guidance for competitive examinations and career counselling offered by the institution	Yes	conducted career development program
Number of placements of outgoing students	Yes	placements are good
Students Qualified in Competitive Examinations & Studying Higher Education	Yes	Higher education of the student is good
<b>V. Co-Curricular &amp; Extracurricular</b>		
Students participation in Sports & Games	Yes	
Students participation in NSS activities	Available	Blood Donation Camp was organized
Students participation in Cultural activities	Yes	
Students participation in workshops	Yes	
Students participation in intercollegiate competition	Yes	students are participated actively in competition
Project Expo		
<b>VI. Alumni Engagement</b>		
The Alumni Association Chapters		
Alumni Contributions		
Alumni Association meetings Conducted	No	need to conduct meeting with Alumin students

**Department Strengths:**

→ Quality of student projects is good.

→ Pass percentage of the all year students is good.



**MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE, GUNTUR**  
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Pulladigunta (Vil), Vatticherukuru (Md), Prathipadu Road, Guntur – 522 017 A.P.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Action taken report on External Academic Audit for the Academic Year: 2017-18**

As per the orders from the IQAC, the ECE department has successfully completed the external academic audit on 18-04-2018. The following steps are taken as per the suggestions given by the external audit committee.

S.No	Audit Type	Audit Year	Suggestion	Action Taken
1	External	2017-18	Improve the number of placements.	Necessary Actions are taken to improve the skills by CRT training classes and other trainings. In the Academic year: 2018-19 Total no. of placements: 48 Total no. of offers: 63 <b>(Proofs are Enclosed)</b>
2	External	2017-18	Performance of the faculty members need to be improved i.e. in terms of publications.	Faculty Published the 8 Scopus & 2 SCI Journal papers in AC: 2018-19. <b>(Proofs are Enclosed)</b>

HOD

IQAC Coordinator

Principal  
PRINCIPAL

**MALINENI LAKSHMAIAH  
WOMEN'S ENGINEERING COLLEGE  
PULLADIGUNTA, GUNTUR-17,**

HOD  
Dept of Electronics & Communication Engineering  
Malineni Lakshmaiah Women's Engineering College  
Pulladigunta, GUNTUR-522017



# Malineni Lakshmaiah Women's Engineering College :: Guntur

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Pulladigunta (Vil), Vatticherukuru (Md), Prathipadu Road, Guntur - 522 017 A.P.

## ACADEMIC AUDIT REPORT

Ref: MLEW/

Date: 14-03-2018

Audit Team: 1. Dr. S. Radhakrishna

2. Dr. P. Srinivas Kumar


3.

4.

I. Curricular Aspects	Observations	Remarks/Suggestions
Add-on/Certificate Courses	NO	Need to improve.
Coverage of Syllabus	Yes	Before mid-I & mid-II internal examinations
Department Academic Plan	Yes	As per the JNTUK
Department Programmes Organized	Yes	As per the Dep Academic plan
Record of Teaching & Non-teaching staff profile	Available	Maintained separate file
NPTEL, SWAYAM Certifications	NO	Faculty need to register for NPTEL courses
Feedback from all stakeholders	Yes	Feedback collected from the stakeholders
II. Teaching Learning & Evaluation		

  
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Teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources, MOODLES etc.	Available	After the college hours extra classes are taken.
Remedial Classes for slow learners and backlog students	Yes	separate file is maintained to impart of counselling.
Mentoring System	Available	separate file is maintained to impart.
Organization of Guest Lectures, Industrial Visits, Workshops, etc.,	Yes	good number of guest lecture are organized.
Online student satisfaction survey	No	off-line feedback is taken.
Adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc	Yes	All labels are provided with safety instructions.
Student Seminars	Yes	need to conduct.
Student Feedback (Analysis done or not)	Yes	feedback forms are collected from all the students.
Student Assignment	Available	maintain separate file.
Student Centric Activities	Yes	conducted in the dept.
Student Attendance Registers	Available	submitted at the end of the semester.
Course Files	Yes	maintained in the dept.
Lab Files	Available	maintained in the dept.
Student Professional Society Chapter and Association Activities	No	need to be associated with the professional society.
Attainment of COs, POs, PSOs	Available	corrective action taken for suggestion.
Maintenance of Marks File	Yes	maintained in the dept.
Analysis of Results of University Examinations	Yes	University results of all year students is good.
<b>III. Research &amp; Innovation</b>		
Teachers recognized as research guides	No	Not available.
Sponsored research projects and consultancy	No	R & D projects & consultancy projects need to be improved.

  
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Books and chapters in edited volumes / books published, and papers in national/international conference-proceedings	NO	need to be publish. paper in IEEE conference
Research Publications	Yes	faculty publications & patents need to be improved
Functional MoUs	NO	ideal labs, nucleus, etc
<b>IV. Placements &amp; Higher Education</b>		
No of students benefited by guidance for competitive examinations and career counselling offered by the institution	NO	conducted career development program.
Number of placements of outgoing students	Yes	higher education of the student is good.
Students Qualified in Competitive Examinations & Studying Higher Education	Yes	higher education of the student is good
<b>V. Co-Curricular &amp; Extracurricular</b>		
Students participation in Sports & Games	Yes	
Students participation in NSS activities	Available	Blood donation camp was organized.
Students participation in Cultural activities	Yes	
Students participation in workshops	NO	
Students participation in intercollegiate competition	Yes	students are participated actively in competition
Project Expo	Yes	
<b>VI. Alumni Engagement</b>		
The Alumni Association Chapters		
Alumni Contributions		
Alumni Association meetings Conducted	NO	need to conduct meeting with Alumni students

Department Strengths:

*(Signature)*

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**Department Weaknesses:**


- Student weakness placements. number is low.
- Faculty publish number in reputed journals.

**Suggestions based on information:**

- need to be improve in placements
- performance of faculty members. need to be improved.
- the volume of publications in IEEE groups.

**Signatures of Audit Team:**

1. S. Ramesh  Prof CSE, ECR & ICR  
173.

2.  Dr. Srinivas  
Prof HOD, BCE, CH17.



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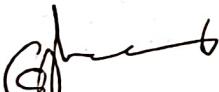
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Action taken report on External Academic Audit for the Academic Year: 2017-18**

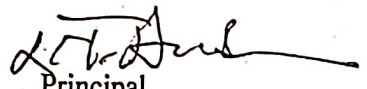
As per the orders from the IQAC, the CSE department has successfully completed the external academic audit on 14-03-2018. The following steps are taken as per the suggestions given by the external audit committee.

S.No	Audit Type	Audit Year	Suggestion	Action Taken
1	External	2017-18	Improve the number of placements.	Necessary Actions are taken to improve the skills by CRT training classes and other trainings. (Proofs are Enclosed)
2	External	2017-18	Performance of the faculty members need to be improved i.e. in terms of publications.	Faculty Published the Scopus & SCI Journal papers . (Proofs are Enclosed)

  
HOD

Dept. of Computer Science & Engineering  
Malineni Lakshmaiah Women's  
Engineering College  
Pulladigunta, Guntur-522 017.

  
IQAC Coordinator

  
Principal  
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Internal Audit  
2017-18



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Internal Audit Report Format

The activities are to be graded on the following scale

Good	Average	Satisfactory	Needs Improvement
A	B	C	D

S.NO	Particulars	HOD'S Input	GRADE	Auditors Report
1.	Implementation of Academic Calendar	Yes	A	Good
2.	Certification Programmes	Yes	C	satisfactory
3.	No. of Students undertaking field Projects/Internships	Yes	C	satisfactory
4.	Organization of industrial visits		C	satisfactory
5.	Maintaince of faculty student ratio in the department	1:13	A	Good
6.	Procedure followed in the allotment of the subjects to the faculty.	experia- -nce	A	Good
7.	Mentoring System.	Yes	A	Good
8.	Student Professional society chapter and association activities	Yes	D	Needs improve- -nt
9.	Allotment of Additional responsibilities to faculty	Yes	B	Average
10.	Pass percentage of outgoing students		C	satisfactory
11.	Organization of Guest lectures , Workshops ,etc	Yes	C	satisfactory
12.	Adequate facilities for teaching learning: classrooms, laboratories, computing equipment etc	Yes	B	Average
13.	Established systems and Procedures for maintaining and utilizing physical, academic and support facilities laboratory ,library, computers, classroom etc	Yes	A	Good
15.	Linkage with institutions / industries for internship, on-the-job training ,project work, sharing of research facilities etc.	Yes	C	satisfactory



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16.	Usage of library by teachers and students	Yes	C	Satisfactory
17.	Bandwidth of Internet	100MBPS	A	Good
18.	Skill Enhancement initiatives	Yes	C	Satisfactory
19.	Number of placements outgoing students		A	Good
20.	Student qualified in competitive examinations		C	Satisfactory
21.	Students admitted in higher studies		C	Satisfactory
22.	Awards/medals for outstanding performance in sports, yoga/cultural activities national/international level		C	Satisfactory
23.	Alumni association or chapters meetings conducted	Yes	D	Needs improvement
24.	Teachers attending professional development program	Yes	A	Good
25.	Effectiveness of various bodies/cells /committees is evident through minutes of meetings and implementation of their resolutions.	Yes	C	Satisfactory

Suggestions:

- More involvement of students in Block chain Hackath
- Needs to improve the pass percentage of outgoing students.


  
HOD  
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Dept of Electronics & Communication Engineering  
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Signature of Audit Member 1  
HOD

Computer Science & Engg Dep  
Malineni Lakshmaiah Women's Engg College  
PULLADIGUNTA, GUNTUR-522 017

  
Signature of Audit Member 2

  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Action Taken Report on Internal Audit for the Academic Year: 2017-18**

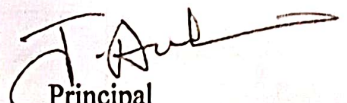
As per the orders from the IQAC, the ECE department has successfully completed the Internal Academic Audit on 13-04-2018. After the Internal Audit, the department conducted a meeting and discussed thoroughly about the suggestion given by the auditors and the following steps are taken as per the suggestions given by the Internal Audit Committee.

S.No	Audit Type	Audit Year	Suggestion	Action Taken
1	Internal	2017-18	More involvement of students in Block chain Hackathon.	Students participated in State Level Blockathon, Block Chain Hackathon and Block Chain Boot camp (Hyper Ledger). Students awarded with merit certificate at IBC HACK, Hyderabad. (Proofs are Enclosed)
2	Internal	2017-18	Improve the pass percentage of the outgoing students.	We have conducted remedial classes for those who have secured less than 50% marks in internal MID examinations such that overall pass percentage of the outgoing students improved. (Proofs are Enclosed).

  
HOD

Dept. of Electronics & Communication Engineering  
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T. Venkatesh  
IQAC Coordinator

  
Principal  
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Internal Audit Report Format**

The activities are to be graded on the following scale

Good	Average	Satisfactory	Needs Improvement
A	B	C	D

S.NO	Particulars	HOD'S Input	GRADE	Auditors Report
1.	Implementation of Academic Calendar	Yes	A	good
2.	Certification Programmes	Yes	D	Needs improvement
3.	No. of Students undertaking field Projects/Internships	Yes	D	Needs improvement
4.	Organization of industrial visits	Yes	C	satisfactory
5.	Maintaince of faculty student ratio in the department	Yes	B	Average
6.	Procedure followed in the allotment of the subjects to the faculty.	Yes	A	Good
7.	Mentoring System.	Yes	B	Average
8.	Student Professional society chapter and association activities	Yes	D	Needs improvement
9.	Allotment of Additional responsibilities to faculty	Yes	C	satisfactory
10.	Pass percentage of outgoing students	Yes	B	Average
11.	Organization of Guest lectures ,Workshops ,etc	Yes	C	satisfactory
12.	Adequate facilities for teaching learning: classrooms, laboratories, computing equipment etc	Yes	C	satisfactory
13.	Established systems and Procedures for maintaining and utilizing physical, academic and support facilities laboratory ,library, computers, classroom etc	Yes	C	satisfactory
15.	Linkage with institutions / industries for internship, on-the-job training ,project work, sharing of research facilities etc.	Yes	C	satisfactory

*[Signature]*

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

16.	Usage of library by teachers and students	Yes	C	Satisfactory
17.	Bandwidth of Internet	50mbps	C	Satisfactory
18.	Skill Enhancement initiatives	Yes	C	Satisfactory
19.	Number of placements outgoing students	Yes	C	Satisfactory
20.	Student qualified in competitive examinations	Yes	C	Satisfactory
21.	Students admitted in higher studies	Yes	C	Satisfactory
22.	Awards/medals for outstanding performance in sports, yoga/cultural activities national/international level	Yes	B	Average
23.	Alumni association or chapters meetings conducted	Yes	C	Satisfactory
24.	Teachers attending professional development program	Yes	C	Satisfactory
25.	Effectiveness of various bodies/cells /committees is evident through minutes of meetings and implementation of their resolutions.	Yes	C	Satisfactory

- Suggestions:
- 1) Improve the Certificate program by all faculty members
  - 2) Encourage the students to join in internship and do the field project.
  - 3) Improve the Industry visit for the student with the faculty members.
  - 4) Join the students in any Society. chapter and do the activities
  - 5) Encourage the students to do higher studies.
  - 6) Conduct the number of guest lectures and Workshops.

HOD  
HOD

Dept. of Computer Science & Engineering  
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Engineering College  
Pulladigunta, Guntur-522 017.

Signature of Audit Member 1

Signature of Audit Member 2

K. T. And

PRINCIPAL  
MALINENI LAKSHMAIAH  
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PULLADIGUNTA, GUNTUR-17




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Action Taken Report on Internal Audit for the Academic Year: 2017-18**

As per the orders from the IQAC, the CSE department has successfully completed the Internal Academic Audit on 23-03-2018. After the Internal Audit, the department conducted a meeting and discussed it thoroughly and the following steps are taken as per the suggestions given by the Internal Audit Committee.

S.No	Audit Type	Audit Year	Suggestion	Action Taken
1	Internal	2017-18	Encouraging More students involved in Blockchaintechnologies Hackathon.	Students participated in State Level Blockathon, Hackathon, and BlockChain Boot camp ( <b>Hyper Ledger</b> ). Students awarded with merit certificate at IBC HACK, Hyderabad. <b>(Proofs are Enclosed)</b>
2	Internal	2017-18	Improve the pass percentage of the students.	We have conducted remedial classes for those who have secured less than 60% marks in internal MID examinations, which will increase the 1 pass percentage of the students in the semester exams improved. <b>(Proofs are Enclosed).</b>

  
HOD

HOD

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IQAC Coordinator

  
Principal

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Good	Average	Satisfactory	Needs Improvement
A	B	C	D

S.NO	Particulars	HOD'S Input	GRADE	Auditors Report
1.	Implementation of Academic Calendar	YES	B	Good
2.	Certification Programmes	YES	C	Satisfactory
3.	No. of Students undertaking field Projects/Internships	YES	B	Average
4.	Organization of industrial visits	YES	C	Satisfactory
5.	Maintainance of faculty student ratio in the department	YES	B	Average
6.	Procedure followed in the allotment of the subjects to the faculty.	YES	A	Good
7.	Mentoring System.	YES	B	Average
8.	Student Professional society chapter and association activities	YES	D	Need to improvement
9.	Allotment of Additional responsibilities to faculty	YES	A	Good
10.	Pass percentage of outgoing students	YES	A	Good
11.	Organization of Guest lectures ,Workshops ,etc	YES	C	Satisfactory
12.	Adequate facilities for teaching learning: classrooms, laboratories, computing equipment etc	YES	B	Average
13.	Established systems and Procedures for maintaining and utilizing physical, academic and support facilities laboratory ,library, computers, classroom etc	YES	B	Average
15.	Linkage with institutions / industries for internship, on-the-job training ,project work, sharing of research facilities etc.	YES	C	Satisfactory



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16.	Usage of library by teachers and students	Yes	A	Good
17.	Bandwidth of Internet	Yes	B	Average
18.	Skill Enhancement initiatives	Yes	C	Satisfactory
19.	Number of placements outgoing students	Yes	B	Average
20.	Student qualified in competitive examinations	Yes	D	Needs Improvement
21.	Students admitted in higher studies	Yes	C	Satisfactory
22.	Awards/medals for outstanding performance in sports, yoga/cultural activities national/international level	Yes	C	Satisfactory
23.	Alumni association or chapters meetings conducted	One meeting		conducted
24.	Teachers attending professional development program	Yes	B	Average
25.	Effectiveness of various bodies/cells /committees is evident through minutes of meetings and implementation of their resolutions.	Yes	C	Satisfactory

Suggestions:

1. Improve the Bandwidth of Internet
2. Motivate the Students for the higher education.

*Jhansi*  
HOD

*Y. Bhaskaradas*  
Signature of Audit Member 1

*Rani*  
Signature of Audit Member 2

*T. renny*  
IQAC Coordinator

**IQAC**  
**MALINENI LAKSHMAIAH**  
**WOMEN'S ENGINEERING COLLEGE**  
**PULLADIGUNTA, GUNTUR-522017.**

*T. Anil*  
Principal  
**PRINCIPAL**  
**MALINENI LAKSHMAIAH**  
**WOMEN'S ENGINEERING COLLEGE**  
**PULLADIGUNTA, GUNTUR-17**