



CHEBROLU ENGINEERING COLLEGE

(Sponsored By Sri Visweswaralah Educational Society)
(Approved by AICTE, New Delhi Affiliated to J.N.T.U., Kakinada)
Near Power Station, Chebrolu, Guntur, Andhra Pradesh-522212

Ref:

Date: 06-07-2020

Circular

All the Heads of the Department of Engineering Streams are hereby informed to conduct Academic Audit by the External members for the Academic Year 2019-20 as attached format

(Dr. R.V.Krishnaiah)
PRINCIPAL
PRINCIPAL
Chebrolu Engineering College
CHEBROLU (Po. & Mdl.)
Guntur - 522 212

Copy To:

1. All HoD's
2. Exam cell, Library Physical Education
3. Master File



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Department of _____

Format for Academic Audit
(To be filled up by Academic Experts)
Academic Year 2019-20

1. Name of the Auditor
Designation
Address
Contact No.
E-Mail Id

2. Name of the Auditor
Designation
Address
Contact No.
E-Mail Id

3. The days and dates of visit



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Features of Academic Audit Format

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameter related to various stakeholders.
- Evaluation is based on nine different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below

S.No.	Parameters of Evaluation	Max. Marks
1	Curriculum	120
2	Academic facilities	100
3	Teaching Learning Proves	130
4	Evaluation System	140
5	Result	100
6	General Academic Activities	100
7	Feedback and Corrective Action	100
8	Faculty Performance / Upgradation	110
9	Attainment of CO's and PO's of all courses	100
Total		1000

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students and facility.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular and evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute / department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute / department and the auditor to furnish the information and to evaluate respectively.

1. Curricula

S.No.	Sub-Parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences	5	4
	Basic Engineering Subjects	5	6
	Management and Humanities	6	5
	Programme Core	30	28
	Elective Subjects	6	7
	Inter-Disciplinary Elective Subjects	4	3
	Open Elective / Emerging subjects in curricula	4	5
	NPTEL Courses / MOOC's	4	4
	Communication and Computer Skills	5	4
	Proficiency in analysis, synthesis, modelling & simulation and problem-solving skills	5	6
	Innovative and creative abilities	5	4
	Human skills and relations, professional ethics, environment	4	3
	Entrepreneurial Skills	4	5
	Hands-on training and other Industrial needs	4	3
	Self-learning practices	4	5
2	Do the curricula take care of slow and fast learners learning simultaneously	10	9
3	Revision / Upgradation of the curriculum to incorporate appropriate new knowledge new knowledge systems (based on no. Of BoS / APMC meeting)	15	16
	Total	120	117
Additional Comments / feedback / observations / advice which may or may not be based on above points: Entrepreneurship Skill related activities/ courses in the curriculum or may be as add-on course.			

2. Academic Facilities

S.No.	Sub-Parameter	Marks Assigned	Marks Scored
1	No. Of class rooms with LCD's	5	4
2	No. Of laboratories and display of Cos and Pos	5	3
3	No. Of tutorial rooms	5	4
4	Faculty rooms / cabins	5	6
5	Equipments available (Curricula and cost wise)	5	5
6	Computing facilities (including software)	10	9
7	Research Project laboratory	10	11
8	Electric power available for 24x7 and power backups	5	6
9	Audio visual facilities	5	4
10	Class rooms furniture (quantity and quality)	5	3
11	Laoratories furniture (quantity and quality)	10	8
12	No. Of books e-library, online journals and printed journals related to programme in the central library	10	11
13	Deptment library / life-long learning process	10	9
14	Internet and Wifi facility	5	4
15	Improvement made in infrastructural facilities during last five years	5	6
	Total	100	93
Additional Comments / feedback / observations / advice which may or may not be based on above points: class room to be provided as per AICTE reunits.			

3. Teaching-Learning Process

S.No.	Sub-Parameter	Marks Assigned	Marks Scored
1	Theory Courses		
	Course File (Syllabus sheet, Course Material, Content-Beyond Syllabus, MID Question Papers, Assignment Questions, Answer Sheets, Assignments, External QP's, Quizes and Activities)		
	% of subjects for which teaching plan (including books to be referred) is repared and execution plan submitted at the end of semester (including quality of execution)	10	9
	Quality of teaching plan and notes prepared by faculty	10	8
	Quality of assignments	10	11
	case studies/ Mini projects given as activity for core courses	10	8
	Novel techniques used for effective teaching learning process (including use of A/V aids, development of software/teaching aids, use or available software, use of available learning resources etc.,)	10	9
2	Practical		
	Quality of experiments conducted (Do the experiments designed facilitate the students in generating creative thought?)	10	10
	Availability of laboratory manual and its quality	10	11
	Maintainance of laboratory equipments and new addition	10	9
	New experiments designed by UG/PG students	10	8
3	Corrective action taken by department against the students who are absent to the classes regularly.	10	10
	Staff development programs for Faculty and / or supporting staff including FDP / STTP etc.	10	8
	Actions taken by department to improvement performance of academically weaker students.	10	9
	Efforts taken by department to improve overall performance of students including Workshop / Short term course / Hackathon / Tech Fest outside institute etc.	10	9
	Total	130	119
Additional Comments / feedback / observations / advice which may or may not be based on above points:			

4. Examination and Evaluation System

S.No.	Sub-Parameter	Marks Assigned	Marks Scored
1	Examination Process		
	Strict execution of academic calendar for all examinations	10	10
	Strict execution of academic calendar for declaration of result including revaluation, redressal etc	10	9
	Transparency in the processes like internal assessment, security and declaration of result	10	9
	Appropriate weightage for continuous evaluation and end semester examination	15	14
	Staff appointed for examination (invigilator, squad, office staff etc.)	10	9
	Process of appointment of paper setters, examiners, evaluators/moderators etc	10	10
	Process of question paper printing and distribution (including quality and format of question paper)	10	8
2	Quality of Internal Question Papers		
	Appropriate coverage of syllabus in class test and labelling of CEs on the question paper	10	8
	Difficulty level of the question papers including numerical	10	11
	Innovation in question paper (Volume of repeated questions, correlation of question with competitive examinations)	15	16
3	Does the moderation of each question papers completed before paper printing?	10	9
4	Assessment of Project Work Industrial Training Internship term work		
	Continuous assessment of project work - seminar through rubrics	20	19
	Total	140	132
Additional Comments / feedback / observations - advice which may or may not be based on above points:			

5.Results

S.No.	Sub-Parameter	Marks Assigned	Marks Scored
1	Performance of Students in examinations (Without backlogs)	60	59
	% of Students passing IV Year *0.15		
	% of Students passing III Year *0.15		
	% of Students passing II Year *0.15		
	% of Students passing I Year *0.15		
2	Overall Performance of students (With backlogs)	40	39
	% of Students passing IV Year *0.1		
	% of Students passing III Year *0.1		
	% of Students passing II Year *0.1		
	% of Students passing I Year *0.1		
	Total	100	98
Additional Comments / feedback / observations / advice which may or may not be based on above points:			



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Department of Computer Science & Engineering

Date: 06-07-2020

Members Present:

1. Kavuri Venkata Ramaiah, HoD, Dept. of CSE
2. Venkateswara Rao Katakam, Associate Professor, Dept. of CSE
3. Mastan Rao Chundi, Assistant Professor, Dept. of CSE
4. Dinesh Vunnava, Assistant Professor, Dept. of CSE
5. Beebi Shaik, Assistant Professor, Dept. of CSE
6. Saraswathi Nunna, Assistant Professor, Dept. of CSE
7. Sai Sahithi Movva, Assistant Professor, Dept. of CSE

Remarks given by External Audit Members

1. Course File / Content

- The contents of the course file should be in line with the contents approved by APMC.
- New teaching learning methods like web based, smart teaching etc., should be included.
- Teaching Learning Practice (TLP) should include participative learning, active learning, case study, project-based learning.

2. Best Practices

- Include new teaching learning methodologies with the standard ones to improve the teaching process.
- Encourage students to do certification programs.
- Conduct more training programs on domain advanced topics.

3. Quality Assurance

- Create awareness to students and faculty on Quality Assessments.
- Awareness programs for students and faculty mainly on CO's , PO's and PSO's.



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4. Research Paper Publications

- All faculties should have peer reviewed or UGC approved journal publications.
- At least 50% of faculty should get registered for Ph.D program

5. Action taken on PO Attainment

- If for any subject, any PO is not attained upto 3 (higher level) then state the actions taken for not attaining, so that these measures can be used for the current students for attaining the PO.

V. Dinesh Babu
IQAC Co-ordinator