



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION

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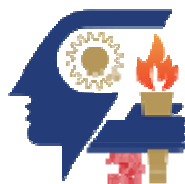
INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT REPORT

(Even Semester 2018-19)

Conducted by
External Experts





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Karunya Nagar, Coimbatore 641 114, Tamil Nadu, India.

Academic Course File Auditing - Even Semester 2018-19

Introduction

Academic Course file Auditing were conducted during both Odd and Even Semesters of the Academic year 2018-19. During the Odd semester of the academic year course files were prepared by means of hard copies which were evaluated by the External Auditors by visiting the campus.

From the Even Semester of the academic year, e-course files have been introduced. For each course a separate course file in the form pdf need to be submitted by each department through google sharing. These e-course files were sent to External Experts from reputed Institutions such as NIT, VIT etc. who were adept at evaluating the soft copies. The report given by the Experts were sent to the respective Departments for taking necessary action. After taking necessary action, Action Taken Reports were received from the departments with the signature of the HoDs and Concerned Dean.

The Auditors identified for the even Semester of the academic year 2018-19 are given below:

S.No.	Department	External Expert
1.	Civil Engineering	Dr. S.T. Ramesh, Professor, NIT, Trichy
2.	Mechanical Engineering	Dr. Arun Tom Mathew, Associate Professor, VIT, Vellore
3.	Aerospace Engineering	Dr. P. Manivannan, Professor, Hindustan, Chennai
4.	Computer Science and Engineering	Dr. Angelina Geetha, Professor, Hindustan, Chennai
5.	Information Technology	Dr. Angelina Geetha, Professor Hindustan, Chennai
6.	Biotechnology and Bioinformatics	Dr. A. Anand, Professor, Biotechnology, VIT Vellore.
7.	English	Dr. Anitha Devi V., Associate Professor, VIT, Vellore
8.	Chemistry	Dr. L. Cindrella, Professor, NIT, Trichy.
9.	Media and Communication	Dr. K.C Biju, Associate Professor & Director, Christ Deemed to be University, Bangalore
10.	Electronics and Communication Engineering	Dr.M.Monica Subashini, Associate Professor VIT, Vellore.

11.	Instrumentation Engineering	Dr. Monica Subashini, Associate Professor, VIT, Vellore
12.	Food Processing Technology	Dr. N. Venkatachala-pathy, Professor & Head, Indian Institute of Food Processing Technology, Thanjavur
13.	Agriculture	Dr. Z. John Kennady, Professor, TNAU
14.	Mathematics	Dr. Sunil Jacob John, Associate Professor & Head, NIT, Calicut
15.	Physics and Nano-sciences	Dr. J. Hemalatha, Professor & Head, NIT, Trichy
16.	Management Studies	Dr. S. Kavitha, Associate Professor, PSG Coimbatore
17.	Commerce	Dr. S. Kavitha, Associate Professor, PSG Coimbatore



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External Course File Audit Report Even Semester of the Academic year 2018-19

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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF CIVIL ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Civil Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. S.T. Ramesh Professor Department of Civil Engineering NIT, Tiruchirappalli
Auditing Date	19.11.2019
Academic Year	2018-19 Even Semester

A **Course File** is a folder or box for holding papers that are typically arranged in a particular order for easy reference. It is an unit of quality teaching that typically lasts one **academic term**, is led by one or more instructors (teachers or professors). It is usually an individual subject. Students may receive a grade and academic credit after completion of the course. A Course File contains the following documents.

- Academic Calendar
- Time Table
- Course Title and Short Course Description along with Recommended Books and Teacher's Office Hours for Students
- Weekly Module-wise Course Detail
- Course Specification
- Quiz / Assignments / Mid exam Copies and Their Solutions
- Results of Quiz / Assignment / mid exam.
- Attendance Record
- Any Other Material Distributed in the Class / Course Material
- Sample Question Papers
- Copies of Answer sheets (Best, Good, Poor)

Comments / Suggestions given by External course file Auditor during Auditing:

STRENGTHS

First, the faculty used multiple kinds of resources in the courses, including oral (guest speakers from the industry), visual (video) and written (native language texts). I believe that use of a variety of resources exposes students to the depth and variety of teaching methodologies. It also helps to reach students with different learning styles. Secondly, the questions designed for the students are carefully crafted to get them to think critically about the topics the faculty have covered, as well as thinking about those topics on a practical, and personal, level.

Teaching / Learning Methodology can be looked into:

- a. **Lectures / Seminars:** Interactive approaches in lectures and seminars will be adopted. Q&A sessions, in-class exercises and reviews of students' exercises will constitute a broadly effective platform for teaching and learning.
- b. **Case Studies:** Concrete case studies in all the courses will be used as stimulating illustrations, whereby students, in response to the case studies, can develop their independent thinking when they apply the concepts and theories they learn from this course.
- c. **Multi-media Pedagogy:** Extracts of documentaries and films will be made use of in class, whereby the diversified approaches to the courses can effectively motivate students' learning.
- d. **Collaboration among Students for their Group Projects:** Students will explore and communicate their ideas with their group mates by taking part in teamwork, in which they will construct their own philosophical positions.
- e. **Independent Critical Thinking:** Throughout the course, students' ability for independent critical thinking will be emphasized and enhanced. The problem-based quizzes and the term paper will be adopted as the effective channels for the students to define, develop and defend their attempts at a viable philosophical position with respect to the problem-sets as assigned by the lecturer.

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

- a. **In-class Exercises:** The in-class exercises aim at assessing students' preliminary understanding of the course materials discussed in class. Samples of the exercises will be discussed in the class so that students can effectively monitor the pace of their performance in comparison with their fellow students, motivating them to make improvement in an on-going manner.
- b. **Quizzes:** They are to test students' ability to familiarize themselves with the concepts and theories, and to synthesize and to apply the skills of critical thinking in a problem-solving setting. The quizzes are effective tools for assessing students' ability to synthesize different sets of concepts, theories and critical thinking skills in formulating their own position.
- c. **Group Project:** This is a dynamic opportunity for the students to communicate, collaborate and even challenge the creative ideas among their group mates. Students are be assessed in terms of the soundness of their critical analyses and the cogency of their arguments. The assessment here considers the students' identification of problems as equally important as their construction of solutions. More importantly, samples of students' projects will be reviewed by the lecturer in class with the students, which will not only deepen their understanding of the issues tackled by their fellow students but also consolidate their grasp of the issues discussed.
- d. **Term Paper (2500 words):** The students reaching this stage will have mastered the effective conceptual tools (concepts, theories and techniques of creativity),cultivated valuable learning experience through the previous assessment components as well as knowledge, acquired in class, requisite for the construction of a convincing philosophical perspective. This assessment is based on a 2500 word term paper. This is also to serve as the fulfillment of the English Writing (EW) Requirement, which is to provide students with lectures and tutorials on effective writing for a research paper.

MODES OF DELIVERY OF COURSES HELP IN ATTAINMENT OF THE POS

The teaching learning process comprises of different combinations of the modes of delivery of courses listed below;

- MD1: Lectures with interactions
- MD2: Tutorial
- MD3: Assignment
- MD4: Seminar / Term paper
- MD5: Presentations
- MD6: Group discussions
- MD7: Demonstrations / hands on training (Models, Laboratory) / mini project
- MD8: Case studies / field visit

METHOD		Justification
MD1	LECTURE WITH INTERACTIONS Formal discourse in which the instructor presents a series of events, facts, or principles, explores a problem or explains relationships	1. To orient students towards the content of the course. 2. To introduce a course, to present basic material and to give directions on procedures. 3. To introduce a demonstration, discussion, or performance. 4. To illustrate principles or concepts and to review, clarify, emphasize or summarize.
MD2	TUTORIAL A method of instruction in which an instructor works directly with an individual student.	1. A detailed presentation of view, which shows and explains the user interface to the user. 2. Demonstration of the process with the help of examples to exhibit how a process or workflow is achieved. 3. Method of review, which tests or reinforces the understanding of particular content in related section or module. 4. Transition to additional sections or modules, which are built on previously provided instructions.
MD3	ASSIGNMENT A method in which the instructor assigns reading to books, periodicals, project or research papers or exercises for the practice.	1. To orient students to a topic prior to classroom or Laboratory work. 2. To set the stage for a lecture demonstration or discussion. 3. To provide for or capitalize on individual differences in ability, background, or experience through differentiated assignments. 4. To provide for the review of material covered in class or to give practice.
MD4	SEMINAR / TERM PAPER An arrangement involving the instructor and groups, rather than instructor and individual.	1. To provide general guidance for a group working on an advanced study or research project. 2. To exchange information on techniques and approaches being explored by members of a study or research group. 3. To develop new and imaginative solutions to problems under study by the group. 4. To stimulate active participation.

MD5	PRESENTATIONS A method in which group discussion techniques are used to reach instructional objectives.	1. To develop imaginative solutions to problems and to stimulate thinking and interest and to secure student participation. 2. To emphasize main teaching points and to supplement lectures, reading, or laboratory exercises. 3. To determine how well student understands concepts and principles and to prepare students for application of theory of procedure. 4. To increase students acceptance and commitments and utilizes student knowledge and experience.
MD6	GROUP DISCUSSION	1. Whole group discussions provide for greater interaction between teacher and students. 2. Teachers can check on what students are retaining through questions posed. 3. Students have a tendency to stay focused on the lesson because they might be called on to answer questions 4. Students may feel more comfortable asking questions during whole group discussions.
MD7	DEMONSTRATION A method of instruction where the instructor by actually performing an operation or doing a job shows the students what to do, how to do it, and through explanations brings out why, where, and when it is done.	1. To teach manipulative operations or procedures. 2. To teach troubleshooting and to illustrate principles. 3. To teach operation or functioning of equipment and to set standards of workmanship. 4. To teach teamwork and to teach safety procedures.
MD8	Case Studies / field visit	1. To allow students with real expertise and understanding, as well as judgement to excel. 2. To take risks, make judgements in uncertain situations 3. To propose and select from multiple possible options 4. to explore the topic and use critical thinking to come to a solution, decision, or action

S.T. Ramesh

(Dr. S. T. Ramesh)

Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.										
Name of the Department : Civil Engineering										
School : School of Engineering and Technology										
Name and Address of the Auditor : Dr. S.T. Ramesh, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli.										
Date of Audit : 19.11.2019										
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. J. BREMA	Professor	15CE2001	9	8	8	7	3	3.92	38.92
			18CE3038	9	8.5	8.5	7.5	3	3.92	40.42
2	Dr. R. MERCY SHANTHI	Associate Professor	14CE2046	8.5	8.5	8	8	0	3.38	36.38
			14CE3025	8.5	8.5	8	8	0	4.05	37.05
3	Dr. C. FREEDA CHRISTY	Associate Professor	14CE2031	9	8.5	8.5	8.5	0	3.51	38.01
			14MS2001	8.5	8	8	9	0	3.51	37.01
4	Dr. C. GAJENDRAN	Associate Professor	14CE2039	8.5	8	8	9	2	4.03	39.53
			18CE3044	8.5	8	8	8.5	2	4.77	39.77
5	Dr. N. ANAND	Associate Professor	18CE2003	8	8.5	8	8.5	2.5	4.03	39.53
			18CE3029	8	8	8	8	2.5	4.34	38.84
6	Mr. A. JOE PAULSON	Assistant Professor	14CE2030	8	8.5	8.5	8	2	4.34	39.34
			14CE2043	8.5	8	8	8	2	4.4	38.9
7	Dr. S. VINCENT SAM JEBADURAI	Assistant Professor	14CE2043	8.5	8.5	8	8.5	1.5	4.14	39.14
			17CE2008	8.5	8	8	8.5	1.5	3.93	38.43
8	Mr. E. ARUNRAJ	Assistant Professor	18CE2030	8.5	8	8	8	0	4.02	36.52
			18CE1001	8	8	8	8	2.5	4.02	38.52

9	Mr. I. ANTONY GODWIN	Assistant Professor	18CE3081	8.5	8	8	8	0	0	32.5
10	Mr. A. ARUN SOLOMON	Assistant Professor	17CE2067	8	8	8	8	2	4.12	38.12
11	Mr. D. SAMUEL ABRAHAM	Assistant Professor	15CE2001	8	8	8	7.5	3.5	4.02	39.02
			18CE3077	8.5	8	8	8	3	4.02	39.52
12	Mr. S. JANAKI RAMAN	Assistant Professor	17CE2015	8	8.5	8	8	2.5	3.54	38.54
			18CE3066	8	8	8	8	2.5	2.7	37.2
13	Dr. G. Hemalatha	HoD - Civil Engineering	18CE3014	8.5	8	8	8.5	3	4.06	40.06



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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF MECHANICAL ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Mechanical Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. Arun Tom Mathew Associate Professor Vellore Institute of Technology Vellore 632 014.
Auditing Date	12.11.2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Quality of document scanning can be improved.
2. Uniformity in presenting the CO Attainment is required. As in some graphs shows target and achieved % attainment. Some are missing. This can be made uniform across.
3. On what basis is target outcome in CO Attainment set?
4. In course attainment chart: Cumulative CO Attainment (Sample) (The Graph may change based on number of Course Outcomes) this can be avoided.

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Mechanical Engineering									
	School : Engineering and Technology									
	Name and Address of the Auditor : Dr. Arun Tom Mathew, Associate Professor, VIT, Vellore 632 014.									
	Date of Audit : 12.11.2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. L. GODSON ASIRVATHAM	Professor & HoD	17ME2011	10	10	10	10	5	5	50
2	Dr. D.S. ROBINSON SMART	Professor	14ME2018	10	10	10	10	5	5	50
3	Dr. G. GANESAN	Associate Professor	17ME2005	10	10	10	10	5	5	50
			17ME2012	10	10	10	10	5	5	50
4	Dr. S.J. VIJAY	Associate Professor	17ME2012	10	10	10	10	5	5	50
5	Dr. P. SAM PAUL	Professor	18ME3053	10	10	10	10	5	5	50
6	Dr. D. PHILIP SELVARAJ	Assistant Professor	17ME2011	10	10	10	10	0	5	45
			18ME3003	10	10	10	10	0	5	45
7	Dr. K. LEO DEV WINS	Professor	17ME2010	10	10	10	10	5	5	50
			18ME3044	10	10	10	10	5	5	50
8	Dr. R. RAJA	Assistant Professor	14ME2035	10	8	1	0	0	0	19
			17ME2010	8	10	5	7	0	0	30
9	Dr. B. JEFFERSON RAJA BOSE	Assistant Professor	16ME2011	10	10	10	10	2	5	47
10	Dr. RAJAKUMAR S.RAI	Assistant Professor	17ME2012	10	10	10	10	5	5	50
11	Dr. S. ANTONY RAJA	Associate Professor	14ME2052	10	10	10	10	5	5	50
12	Dr. S. JOSEPH JOHN MARSHAL	Assistant Professor	17ME2013	10	10	5	10	5	5	45
			16ME2011	10	10	5	10	5	5	45
13	Dr. M. WILSON KUMAR	Assistant Professor	14ME2025	10	10	8	10	4	5	47
			18ME3012	10	10	10	10	4	5	49

14	Dr. A. BRUSLY SOLOMON	Associate Professor	16ME2011	10	10	8	10	4	5	47
			17ME2013	10	10	8	10	4	5	47
15	Dr. SABITHA JANNET	Assistant Professor	17ME2010	10	10	8	8	4	5	45
			18ME3020	10	10	8	8	0	4	40
16	Dr. KONDRU GNANA SUNDARI	Assistant Professor	18ME1003	10	10	10	10	5	5	50
17	Dr. J. DAVID RAJA SELVAM	Assistant Professor	14ME2025	10	10	10	10	5	5	50
			14ME2039	10	10	10	10	5	5	50
18	Mrs. C. PRABHA	Assistant Professor	14ME2052	10	10	10	8	5	5	48
			14ME2058	10	10	10	8	5	5	48
19	Dr. GADUDASU BABU RAO	Assistant Professor	17ME2012	10	10	10	10	5	5	50
			18ME3043	10	10	10	10	5	5	50
20	Mr. M. SURESH	Assistant Professor	14ME2017	10	10	10	10	5	5	50
21	Mr. KALAKANDA ALFRED SUNNY	Assistant Professor	18ME3032	10	10	10	10	5	5	50
22	Mr. KANTHARAJ	Assistant Professor	14ME2042	10	10	10	10	5	5	50
			17ME2010	10	10	10	10	5	5	50
23	Mr. LIJIN GEORGE	Assistant Professor	17ME2012	10	10	10	10	5	5	50
			17ME2013	10	10	10	10	5	5	50
24	Mr. K. BALASUBRAMANIAN	Assistant Professor	14ME2028	10	10	10	10	4	5	49
			17ME2005	10	10	10	10	4	5	49
25	Mrs. MONA SAHU	Assistant Professor	17ME2005	10	10	7	10	3	5	45
			17ME2012	10	10	7	10	3	5	45
26	Mr. S. MOHANASUNDARAM	Assistant Professor	14ME2025	10	10	8	10	5	5	48
27	Mr. S. RAJESH RUBAN	Assistant Professor	14ME2035	10	10	10	10	5	5	50
28	Mr. G. LAWRENCE	Assistant Professor	14CE3006	10	10	5	10	2	5	42
29	Mr. X. AJAY VASANTH	Assistant Professor	14CE3006	10	10	10	10	5	5	50

30	Mr. P. JAYASEELAN	Assistant Professor	14ME2028	6	10	0	0	0	0	16
			17ME2005	10	10	9	10	3	5	47
31	Mr. ALLEN VARUGHESE	Assistant Professor	18ME3004	10	10	8	10	3	5	46
32	Mr. E. DANIEL	Assistant Professor	14CE3006	10	5	5	0	0	0	20
33	Mr. V. GEORGE SAMUEL RAJ	Assistant Professor	17ME2013	10	10	8	10	2	5	45



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF AEROSPACE ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Aerospace Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. P. Manivannan Professor, School of Aeronautical Science Hindustan Institute of Technology and Science Padur, Kelambakkam 603 044
Auditing Date	27/11/2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. The Online quality assessments method was very innovative. I will appreciate the IQAC team.
2. Include the various innovative teaching methods in the class room.
3. Use different tools (Poster Presentation, seminar etc.) for the quality assessments except MCQ, Assignment and class test.
4. Action taken for the students scored less than 50 % is not proper. Please change the methods for corrective action.
5. Properly fix the CO target.

P. Mani

Dr. P. Manivannan

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Aerospace Engineering									
	School : Engineering and Technology									
	Name and Address of the Auditor : Dr. P. Manivannan, Professor, Hindustan Institute of Technology and Science, Chennai									
	Date of Audit : 27/11/2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. G. JIMS JOHN WESSLEY	Assistant Professor	17AE2008	9	8	9	8	4	4	42
2	Dr. RAM KRISHAN SHARMA	Professor	17AE2016	9	9	9	8	3	4	42
			17AE2015	9	9	8	9	4	4	43
3	Dr. P. JEYAJOTHIRAJ	Professor	14AE2030	9	9	8	7	3	4	40
			18AE2001	9	9	9	9	4	4.3	43.3
4	Dr. ALDIN JUSTIN SUNDARARAJ	Assistant Professor	14AE2022	8	9	7	8	3	4	39
			14AE2031	9	8	8	8	3	4	40
5	Ms. S.R. MUSICA	Assistant Professor	14AE2029	8	8	8	7	3	4	38
			17AE2006	8	8	9	7	3	4	39
6	Mrs. R. GAYATHRI	Assistant Professor	16ME2011	8	8	7	8	2	4	37
			17AE2010	8	8	7	8	3	3.5	37.5
7	Mr. A. DANIEL ANTONY	Assistant Professor	17AE2013	9	8	8	8	0	4	37
			18ME1003	0	0	0	0	0	4	4



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EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Electronics and Communication Engineering
Name of the School	School of Engineering and Technology
Name and Address of the External Auditor	Dr.M.Monica Subashini Associate Professor Department of Control & Automation School of Electrical Engineering Vellore Institute of Technology, Vellore, Tamil Nadu.
Auditing Date	November 10, 2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. The course outcome assessment process is transparent (Internal Test I, II, III, Quality Assessment, Final examination and Cumulative outcome).
2. The Teaching Plan / Class Handled Report has been verified for all the faculty members and few reports has to be attested by authorities (HOD and IQAC Coordinator).
3. Report on Quality assessments conducted by faculty members has been verified.
4. Attainment of CO and PO has been achieved.
5. Innovative teaching practices can be improvised.
6. Student feedback has been considered for the improvement of teaching and course outcome attainment.

Signature of the External Auditor

Dr. M. MONICA SUBASHINI
ASSOCIATE PROFESSOR
VIT, VELLORE



Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.

Name of the Department : Electronics and Communication Engineering

School : School of Engineering and Technology

Name and Address of the Auditor : Dr.M.Monica Subashini, Associate Professor, Department of Control & Automation, School of Electrical Engineering, VIT, Vellore.

Date of Audit : November 10, 2019

S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. D. NIRMAL	Associate Professor & HoD	14EC2075	10	10	10	9	5	3.99	47.99
2	Dr. D. JACKULINE MONI	Professor	14EC2066	10	10	10	5	5	3.74	43.74
3	Dr. G. JOSEMIN BALA	Professor	14EC2038	10	9	10	10	4	3.58	46.58
			16EC2003	10	9	10	10	5	3.58	47.58
4	Dr. A. SHOBHA REKH	Professor	14EC2030	9	10	10	8	5	3.27	45.27
5	Dr. D. ABRAHAM CHANDY	Associate Professor	18EC3014	10	9	10	9	3	4.06	45.06
6	Dr. M. NESASUDHA	Associate Professor	16EC3001	10	10	10	10	4	4.02	48.02
			17EC2008	10	10	10	10	4	4.08	48.08
7	Dr. J. ANITHA	Associate Professor	14EC2037	10	10	9	10	4	4.42	47.42
			14EC2006	10	10	9	7	5	3.84	44.84
8	Dr. D. JUDE HEMANTH	Associate Professor	14EC2058	8	10	8	5	4	4.21	39.21
9	Dr. D.S. SHYLU	Associate Professor	14EC2067	10	5	9	5	5	4.15	38.15
10	Dr. N.M. SIVA MANGAI	Associate Professor	14EC2032	10	10	10	6	4	4.28	44.28
			18EC3039	9	9	9	9	4	3.8	43.8
11	Dr. SHANTHINI PANDIARAJ	Assistant Professor	17EC2010	8	8	10	5	3	4.06	38.06
12	Dr. T. ANITA JONES MARY PUSHPA	Assistant Professor	18EC3004	8	5	5	8	3	3.57	32.57
13	Dr. D. SUGUMAR	Assistant Professor	14EC2043	8	10	10	7	3	4.58	42.58
			18EC3005	8	10	10	7	3	4.31	42.31
14	Dr. S. SRIDEVI SATHYA PRIYA	Assistant Professor	17EC2008	10	10	10	7	5	3.89	45.89
15	Dr. S. IMMANUEL ALEX PANDIAN	Assistant Professor	17EC2006	9	10	10	8	5	3.84	45.84
16	Dr. J. ROOPA JAYASINGH	Assistant Professor	16EC2003	9	9	9	9	4	3.87	43.87

17	Mrs. D. JASMINE DAVID	Assistant Professor	14EC2021	8	9	9	8	3	3.84	40.84
18	Dr. J. GRACE JENCY GNANAMMAL	Assistant Professor	17EC2006	5	8	8	8	3	3.47	35.47
19	Dr. D. NARAIN PONRAJ	Assistant Professor	14EC2050	5	9	7	10	3	3.56	37.56
20	Mrs. G. SHINE LET	Assistant Professor	14EC2012	9	9	9	9	4	4.1	44.1
21	Dr. D.J. JAGANNATH	Assistant Professor	16EC2002	7	10	9	10	2	3.91	41.91
			14EC2065	7	10	8	10	2	3.91	40.91
22	Mrs. I. THUSNAVIS BELLA MARY	Assistant Professor	14EC2012	10	10	10	9	3	3.99	45.99
23	Dr. A. DIANA ANDRUSHIA	Assistant Professor	17EC2010	10	10	10	7	5	3.87	45.87
24	Dr. D. RAVEENA JUDIE DOLLY	Assistant Professor	14CS2035	9	10	10	7	4	4.23	44.23
25	Dr. G. MANOJ	Assistant Professor	14EC2021	0	0	0	7	0	0	7
26	Mr. J. SAMSON IMMANUEL	Assistant Professor	18EC3042	10	8	6	5	0	3.35	32.35
27	Mrs. S. RADHA	Assistant Professor	17EC2006	10	10	10	8	5	3.84	46.84
28	Dr. K. MARTIN SAGAYAM	Assistant Professor	14EC2020	8	10	8	5	0	4.1	35.1
			17EE2002	8	10	8	5	0	4.27	35.27
29	Mr. A. AMIR ANTON JONE	Assistant Professor	14EC2020	8	9	3	6	2	3.52	31.52
30	Mrs. M.A.P. MANIMEKALAI	Assistant Professor	14EC2012	8	10	8	10	3	3.94	42.94
31	Mr. S. MERLIN GILBERT RAJ	Assistant Professor	17EE2002	9	10	9	5	5	4.08	42.08
32	Mr. A. ALFRED KIRUBARAJ	Assistant Professor	17EE2002	4	10	10	10	0	0	34
33	Mr. SHAJIN PRINCE	Assistant Professor	17EC2010	7	10	8	5	0	3.59	33.59
34	Mrs. T. MARY NEEBHA	Assistant Professor	14EC2020	9	5	10	10	5	4.08	43.08
35	Mr. J. JOHN PAUL	Assistant Professor	17EC2008	8	7	10	9	4	3.79	41.79
36	Mr. A.S. AUGUSTINE FLETCHER	Assistant Professor	14EC2038	7	7	8	10	2	3.61	37.61
37	Mrs. C. SUGANTHI EVANGELINE	Assistant Professor	17EC2008	8	8	10	5	4	3.4	38.4
38	Mrs. P. MALIN BRUNTHA	Assistant Professor	14EC2012	8	9	7	7	4	3.84	38.84
39	Mr. J. JENKIN WINSTON	Assistant Professor	14EC2020	8	8	5	7	2	3.86	33.86
40	Mr. H. VICTOR DU JOHN	Assistant Professor	14EC3048	9	10	7	10	3	3.95	42.95
41	Mrs. R. CATHERINE JOY	Assistant Professor	16EC2021	9	10	10	10	3	3.22	45.22



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

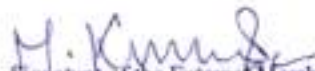
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Electrical and Electronics Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. M. Kowsalya, Professor, Department of Energy and Power Electronics, School of Electrical Engineering VIT University, Vellore 632 014.
Auditing Date	16 March 2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Example sheet for how the lectures are implemented can be shown for eg Brain storming session of a lecture can be shown in a proof
2. Additional methodology in teaching (Proof required)
3. Assignments- no proof
4. Quizzes – No Proof
5. CO and PO not required for all course files one is enough for reference
6. Action taken by the faculty member proof can be included


Signature of the External Member

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.										
Name of the Department : Electrical and Electronics Engineering										
School : Engineering and Technology										
Name and Address of the Auditor : Dr. M. Kowsalya, Professor, Dept. of Energy and Power Electronics, VIT, Vellore.										
Date of Audit : 16 March 2020										
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. A. IMMANUEL SELVAKUMAR	Professor & HoD	14EE2014	10	10	10	10	4	4.39	48.39
2	Dr. J. JAYAKUMAR	Professor	14EE2014	10	9	9	9	4	4	45
3	Dr. V. EVELYN BRINDHA	Professor HoD KCDC	14EE2079	10	10	10	8	4	4.23	46.23
4	Dr. M.S.P. SUBATHRA	Associate Professor	17EE2007	9	9	8	9	3	4.19	42.19
		Professor	18EE1003	10	10	10	10	4	4.04	48.04
5	Dr. V. JEGATHESAN	Associate Professor	18EE1005	9	9	9	9	2	4.01	42.01
		Professor	18EE3017	10	10	10	10	4	4.3	48.3
6	Dr. A. ALBERT RAJAN	Associate Professor	14EE2020	10	9	9	10	4	3.96	45.96
7	Dr. PRAWIN ANGEL MICHAEL	Associate Professor	14EE2016	8	9	9	10	3	3.68	42.68
8	Dr. SHANTY CHACKO	Assistant Professor	17EE2002	9	8	7	8	3	3.83	38.83
9	Dr. F.T. JOSH	Assistant Professor	17EE3025	9	10	10	10	4	4.63	47.63
		Professor	18EE1001	9	10	10	10	4	4.01	47.01
10	Ms. S. JEBARANI EVANGELINE	Assistant Professor	14EE2009	9	9	9	9	3	4.04	43.04
		Professor	18EE1003	9	8	10	9	4	3.54	43.54
11	Dr. S. PAUL SATHIYAN	Assistant Professor	14EE2079	9	9	9	9	4	4.24	44.24
12	Dr. K. VINOTH KUMAR	Assistant Professor	14EE2028	10	9	10	8	3	4.02	44.02
		Professor	18EE1003	9	9	9	8	3	4.15	42.15
13	Mr. P. VENKATESH KUMAR	Assistant Professor	15EE2023	9	9	8	8	3	4.09	41.09
		Professor	18EE1003	8	8	8	9	4	3.97	40.97
14	Mr. A. BENUEL SATHISH RAJ	Assistant Professor	17EE3049	9	8	8	10	4	4.39	43.39
		Professor	18EE1003	9	8	8	9	4	3.92	41.92
15	Dr. R. MEENAL	Assistant Professor	14EE2016	9	8	8	8	4	4.19	41.19
		Professor	17EE3039	8	8	8	8	4	4.34	40.34
16	Dr. J. JENCY JOSEPH	Assistant Professor	14EE2009	8	8	8	8	4	4.01	40.01
17	Mr. C. BENIN PRATAP	Assistant Professor	14EE2020	9	8	8	9	4	4.07	42.07
		Professor	18EE1003	8	8	9	9	4	4.01	42.01
18	Mr. S. AJAYAN	Assistant Professor	15EE2005	9	9	9	9	4	4.16	44.16
		Professor	18EE3004	9	8	9	9	4	4.4	43.4
19	Mr. S. SATHEESH KUMAR	Assistant Professor	18EE1003	8	8	8	0	3	3.87	30.87
		Professor	18EE3015	8	8	8	7	4	4.17	39.17
20	Mr. P. NAGABUSHANAM	Assistant Professor	15EE2023	9	9	8	6	3	5	40
		Professor	17EE2006	9	9	8	7	3	4.4	40.4



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF INSTRUMENTATION ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Instrumentation Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. M. Monica Subashini, Associate Professor, Department of Control & Automation School of Electrical Engineering VIT, Vellore.
Auditing Date	03/02/2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Teaching plan and class handled report is available in all the course files.
2. IA1-IA3 answer scripts have to be scanned properly.
3. In attainment of CO and PO, the CO calculation is incomplete in few files.
4. Self-study report has to be completed under quality assessments.
5. In few files, no innovative teaching practices have been mentioned.
6. Kindly include CO for Internal assessments as only cumulative CO is available.

Signature of the External Auditor

Monica Subashini



	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Instrumentation Engineering									
	School : School of Engineering and Technology									
	Name and Address of the Auditor : Dr. M. Monica Subashini, Associate Professor, VIT, Vellore.									
	Date of Audit : 24.01.2020									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. S. THOMAS GEORGE	Associate Professor & HoD	14EC3031	9	10	8	9	5	4.23	45.23
2	Dr. D. PAMELA	Associate Professor	14EI2013	10	7	10	7	4	3.99	41.99
3	Dr. P. SUBHA HENCY JOSE	Assistant Professor	17EI2013	10	9	10	9	3	3.05	44.05
			18BM3016	9	9	7	7	1	5	38
4	Dr. P. RAJALAKSHMY	Assistant Professor	14EC2079	10	10	9	9	5	4.05	47.05
5	Mr. J. SAMSON ISAAC	Assistant Professor	15EI2023	9	7	9	0	3	3.88	31.88
			18BM3020	9	7	9	0	3	5	33
6	Mr. K. GERARD JOE NIGEL	Assistant Professor	14EI2012	9	9	9	9	0	3.53	39.53
			15EI2025	10	9	9	9	0	3.54	40.54
7	Mr. P. ANANTHA CHRISTU RAJ	Assistant Professor	14EI2048	9	5	9	5	0	4.27	32.27
			17EI2006	9	5	9	5	0	4.44	32.44
8	Dr. L.D. VIJAY ANAND	Assistant Professor	15EI2012	10	9	5	6	4	3.94	37.94
			17BM2007	10	9	5	6	4	3.73	37.73

9	Dr. X. ANITHA MARY	Assistant Professor	17BM2005	10	10	9	10	5	3.83	47.83
			18EI3020	10	10	9	10	5	3.83	47.83
10	Mrs. B. THILAGAVATHI	Assistant Professor	17EE2050	10	9	8	6	0	4.44	37.44
			18EI3005	10	9	8	7	0	3.07	37.07
11	Mrs. D. HEPSIBA	Assistant Professor	14EI2020	10	9	9	10	5	4.08	47.08
			17EI2004	10	9	9	10	5	4.62	47.62
12	Mrs. LINA ROSE	Assistant Professor	15EI2013	10	10	10	10	4	NA	48.8
			17BT2051	10	10	10	10	5	NA	50
			18BM3004	10	10	10	10	5	NA	50
13	Mr. P. KINGSTON STANLEY	Assistant Professor	14EI2011	9	9	9	5	5	4.05	41.05
			15EI2029	9	9	9	5	4	4.09	40.09
			17EI2035	9	9	9	5	5	4.14	41.14



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

Department of Computer Science and Engineering

EXTERNAL AUDIT REPORT

Name of the Department	Computer Science and Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. Angelina Geetha Professor Hindustan Institute of Technology and Science Chennai
Auditing Date	3.12.2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Mapping of BTL from assessment plan and actual question paper differs
2. Proof for corrective measures taken can be included in the course file
3. All quality assessments need rubrics upon which they are assessed
4. Lecture topics completed sheet has many repeated entries in almost all course files. This system generated report needs to be checked
5. Final CO attainment must reflect the cumulative CO attainment. Some course files consider only end semester CO attainment.
6. If whole question paper is assessing only one CO, then the CO attainment for the full course will be biased. Hence avoid question papers with just one CO assessment.
7. Same innovative practices carried out photos (with same students) posted in more than one course file of different teachers. This can be avoided.

Signature of the External Auditor

(Angelina Geetha), Prof./CSE, HITS.

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Computer Science and Engineering									
	School : Engineering and Technology									
	Name and Address of the Auditor : Dr. Angelina Geetha, Professor, Hindustan Institute of Technology and Science, Padur, Chennai - 603 103									
	Date of Audit : 3.12.2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. J. IMMANUEL JOHNRAJA	Associate Professor	18CS1004	10	10	8	8	4	5	45
2	Dr. KUMUDHA RAIMOND	Professor	18CS3059	10	10	8	8	5	5	46
3	Dr. E. KIRUBAKARAN	Professor	17CS2018	10	10	9	8	5	4	46
4	Dr. E. GRACE MARY KANAGA	Associate Professor	14CS2045	10	10	9	8	4	3	44
5	Dr. S. SALAJA	Associate Professor	14CS2038	10	10	9	6	4	4	43
6			18CS3001	10	7	7	5	4	5	38
7	Dr. J. DINESH PETER	Associate Professor	14CS3012	10	6	5	4	5	4	34
8	Dr. G. JASPER WILLISIE KATHRINE	Assistant Professor	14CS3054	8	8	6	6	2	4	34
9			17CS3022	8	7	9	9	3	4	40
10	Dr. A. SHAMILA EBENEZER	Assistant Professor	17EC2056	10	10	9	7	5	4	45
11			17CS2013	10	10	8	7	4	4	43
12	Mr. S.E. VINODH EDWARDS	Assistant Professor	17CS2006	10	9	7	9	2	4	41
13	Dr. P. GETZI JEBA LEELIPUSHPAM	Assistant Professor	17EC2056	10	8	9	5	2	4	38
14			18CS3082	10	8	8	4	5	5	40
15	Dr. A. KETHSY PRABAVATHY	Assistant Professor	17EC2056	9	9	9	9	5	4	45
16			17CS2013	10	8	8	8	3	4	41
17	Mrs. S. DURGA	Assistant Professor	14CS2045	10	7	7	7	2	4	37
18			17CS2059	10	6	9	7	5	5	42
19	Dr. K. RAMALAKSHMI	Assistant Professor	14CS2038	10	8	7	4	5	4	38

20			14CS2045	10	8	8	4	4	3	37
21	Dr. R. VENKATESAN	Assistant Professor	17CS2013	10	6	7	2	5	4	34
22	Dr. G. NAVEEN SUNDAR	Assistant Professor	14CS2034	10	10	10	2	5	3	40
23	Dr. D. SUJITHA JULIET	Assistant Professor	17CS2018	10	10	10	9	5	4	48
24	Dr. J. ANITHA	Assistant Professor	17CS2017	10	10	10	9	3	4	46
25			18CS1004	10	10	10	9	4	4	47
26	Mr. V.M. ARUL XAVIER	Assistant Professor	14CS2035	10	10	10	6	5	4	45
27			17CS2017	10	8	8	5	3	4	38
28	Dr. M. ROSHNI THANKA	Assistant Professor	14CS2038	6	8	8	8	4	5	39
29			17CS2017	10	8	7	4	4	4	37
30	Dr. E. BIJOLIN EDWIN	Assistant Professor	17CS3051	10	5	5	5	2	4	31
31	Mrs. ESTHER DANIEL	Assistant Professor	18CS1004	10	10	10	7	5	4	46
32	Mrs. M. MYTHILY	Assistant Professor	14CS2035	10	8	8	5	4	4	39
33			17CS2017	10	7	7	5	4	3	36
34	Mrs. T. JEMIMA JEBASEELI	Assistant Professor	14CS2034	10	10	9	9	4	4	46
35			14CS2018	10	7	9	9	5	4	44
36	Mr. R. BRIGHT GEE VARGHESE	Assistant Professor	14CS2035	10	9	8	7	2	4	40
37			14CS2017	10	9	8	7	2	4	40
38	Mr. S. IWIN THANAKUMAR JOSEPH	Assistant Professor	17CS2018	10	9	4	3	2	4	32
39			18CS1004	10	6	4	3	3	4	30
40	Mr. V. KARUNAKARAN	Assistant Professor	17CS2006	9	6	4	4	4	3	30
41	Dr. C. PRIYADHARSINI	Assistant Professor	17EC2056	10	10	7	6	3	4	40
42	Ms. I. DEVA PRIYA	Assistant Professor	14CS2050	8	8	0	5	5	4	30
43			18CS3002	8	8	7	6	4	5	38
44	Mrs. S. JEBA PRIYA	Assistant Professor	17CS2037	10	8	8	7	3	4	40
45	Mrs. D. NARMADHA	Assistant Professor	14CS2013	10	9	9	6	5	4	43

46			14CS2034	10	10	9	9	5	4	47
47	Mrs. T. MATHU	Assistant Professor	14CS2038	10	9	9	8	4	4	44
48	Mrs. J.A.M. REXIE	Assistant Professor	14CS2035	10	10	7	8	3	4	42
49			17CS2006	10	10	9	8	4	4	45
50	Mr. J. SEBASTIAN TERENCE	Assistant Professor	18CS1004	10	10	9	9	5	4	47
51	Mrs. S. AKILA AGNES	Assistant Professor	18CS1004	10	8	6	4	3	5	36
52			18CS3031	10	10	9	9	5	5	48
53	Mr. S. JOHN LIVINGSTON	Assistant Professor	17EC2056	10	9	9	7	5	4	44
54			17EC3051	10	5	5	5	2	4	31
55	Mr. J. ANDREW	Assistant Professor	14CS2035	10	7	5	4	2	4	32
56			14CS2050	10	10	8	9	5	4	46
57	Mr. R.V. BELFIN	Assistant Professor	17CS2067	10	10	9	9	4	4	46
58			17CS2034	10	10	10	9	4	4	47
59	Mr. B.L. RADHAKRISHNAN	Assistant Professor	14CS2035	10	10	7	7	2	4	40
60			14CS2050	10	10	7	4	4	4	39
61	Mr. S. BASIL XAVIER	Assistant Professor	14CS2041	9	9	7	7	4	4	40
62			14CS2001	8	8	8	8	4	4	40
63	Mr. D. SHIBIN	Assistant Professor	14CS2050	10	10	6	5	4	4	39
64	Mr. S. SUDHAKAR	Assistant Professor	14CS1004 (CSE)	10	9	6	5	3	3	36
65			14CS1004 (ECE)	10	9	6	5	3	3	36
66	Dr. J. JEBAVEERASINGH	Assistant Professor	17CS2006	10	10	9	9	5	4	47
67			18CS1004	6	10	9	9	5	4	43

Dr. Z. John Kennedy
Professor

Report

General comments by the course file auditor

During the audit, I found some of the points which should be of importance to improve the quality of education. In this regard I have mentioned some of the remarks/comments for kind perusal .

- The importance and scope of the course contents to be delivered should be emphasised in the first lecture and it should be incorporated in the teaching plans. This is missing in all the teaching plans (Students should know the need of the course and its relevance to the degree programme).
- In this regard, a questionnaire may be given to students at the end of the semester whether the course and the syllabus contents fulfilled the need of the degree and their aspirations. If not suitable modification may be made during syllabus revision
- Some of the faculties have not given due care in preparing the course file for audit and due care should be given by the teachers. Otherwise it will give a negative impact on the attitude of the Teacher
- In all the files attainment of CO and PO is missing. I don't know whether it is not practised or not but in the evaluation form it was provided for 10 marks. So the evaluation is done for 40 Marks and not for 50 Marks
- In some cases, Class handled report is not as per the teaching plan provided and lectures are missing in the class handled report. Also Innovative teaching practice mentioned in few files were vague (repetition of statement in majority of the files)
- Blooms taxonomy is not followed properly in setting up of Mid Term questions and front page of the answer scripts were not filled properly. In some answer books, I couldnot able to identify whether evaluation is done or not but marks are provided. During Evaluation, the teacher has to mark the missing points or give the reasons for reducing the marks. The midterm papers should be handed over to students for verification or signature should be obtained from the student's inorder to authenticate the evaluation
- Some of the course files, irrelevant documents were submitted and Quality assessments are not up to the mark


(Dr.Z.John Kennedy)

Dr. Z. JOHN KENNEDY
Professor (Microbiology)
Centre for Post Harvest Technology
Agrl. Engg. College & Res. Institute
Tamil Nadu Agricultural University,
Coimbatore - 641 003.

To
Dr. D. Tensing,
Director - QAA,
Internal Quality Assurance Cell
Karunya Institute of Technology and Sciences
Karunya Nagar 641 114
Coimbatore.

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
	Name of the Department : Agriculture								
	School : Agriculture and Biosciences								
	Name and Address of the Auditor : Dr. Z. John Kennady, Professor, TNAU, Coimbatore								
	Date of Audit : January 5, 2020								
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	5 marks	5 marks	40
1	Dr. S. JACOB KALAISELVAN ANNAMALAI	Professor & Dean	18AT2002	9	9	8	3	3.89	32.89
2			18AT2004	8	9	7	4.5	3.95	32.45
3	Dr. KURUVILLA VARUGHESE	Professor & HoD	18AG1007A	7	8	8	3	3.51	29.51
4			18AG1007B	7	9	8	3	3.51	30.51
5			18AG1007C	7	8	9	3	3.51	30.51
6			18AG2008B	7	8	8	3.5	3.35	29.85
7			18AG2008D	7	9	8	3.5	3.35	30.85
8			18AG2008E	8	8	8	3.5	3.35	30.85
9	Dr. JENITA THINAKARAN	Professor & HoD HO	18AG1013 1B	8	8	8	4.5	3.49	31.99
10			18AG10131C	8	8	8	4.5	3.49	31.99
11			18AG1013 I BTech	8	8	8	4.5	3.49	31.99
12			18AG1013 I HO	8	7	8	4.5	3.49	30.99
13	Dr. J. JANNET VENNILA	Professor	18AG1008	8	8	8	4.5	4.07	32.57
14	Dr. P. RAMESH KUMAR	Assistant Professor	18AG1009 IA	9	9	8	4	3.85	33.85
15			18AG1009 IB	9	9	8	4	3.85	33.85
16			18AG1009 IC	9	9	8	4	3.85	33.85
17			18AG2014 IIA	8	9	8	4	3.38	32.38
18			18AG2014 IIB	7	9	8	4	3.38	31.38
19			18AG2014 IIC	7	9	8	4	3.38	31.38

20			18AG2014 IID	7	9	8	4	3.38	31.38
21	Dr. N. JEYAPANDIAN	Assistant Professor	18AG1016	6	9	8	4	4.23	31.23
22	Dr. M. SUGUNA DEVAKUMARI	Assistant Professor	18AG2015A	9	0	0	0	3.46	12.46
23			18AG2015B	9	8	0	0	3.46	20.46
24			18AG2015C	9	0	0	0	3.46	12.46
25			18AG2015D	9	0	0	0	3.46	12.46
26			18AG2015E	9	0	0	0	3.46	12.46
27	Mr. N.B. JOHN KINGSLEY	Assistant Professor	18AG2001A	9	9	9	4.5	3.82	35.32
28			18AG2001B	9	9	9	4.5	3.82	35.32
29			18AG2001 I HO	9	9	9	4.5	3.82	35.32
30			18HO2007	9	9	9	4.5	3.82	35.32
31	Dr. J. VIMALIN HENA	Assistant Professor	18AG1008B	9	8	8	3.5	3.84	32.34
32			18AG1008C	9	8	8	3.5	3.84	32.34
33			18AG2014 IIE	9	7	8	3.5	3.72	31.22
34	Dr. K. INDIRA PETCHIAMMAL	Assistant Professor	18AG2001	5	4	0	0	0	9.00
35	Dr. S. PRAVEENA KATHARINE	Assistant Professor	10AG2012A	10	9	9	4.5	3.5	36.00
36			10AG2012B	10	9	9	4.5	3.5	36.00
37			10AG2012C	10	9	9	4.5	3.5	36.00
38			10AG2012D	10	9	9	4.5	3.5	36.00
39			10AG2012E	10	9	9	4.5	3.5	36.00
40			18AG2013	10	9	9	4.5	4.06	36.56
41	Dr. S. USHANANDHINI	Assistant Professor	18AG2013C	7	8	10	4	0	29.00
42			18AG2013D	7	8	10	4	0	29.00
43			18AG2013E	7	8	10	4	0	29.00
44	Dr. R. VINU RADHA	Assistant Professor	18AG1010	8	7	8	4	3.71	30.71

45			18HO1005	8	8	7	4	3.27	30.27
46	Dr. V. P. DINESH	Assistant Professor	18AG1018	8	9	8	4.5	3.61	33.11
47			18HO1004	8	9	9	4.5	0	30.50
48			18HO1005	8	9	9	4.5	0	30.50
49	Dr. S. SOMEYA PARVEEN	Assistant Professor	18AG2009	8	8	7	3.5	3.56	30.06
50			18HO1003	9	8	7	3.5		27.50
51	Mr. EMERALD NINOLIN	Assistant Professor	18ME2006	7	9	9	4	3.29	32.29
52	Dr. D. TENSINGH	Professor & Director (QAA)	18CE2003	9	9	9	4.5	4.26	35.76



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

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Karunya Nagar, Coimbatore - 641 114, Tamil Nadu, India.

INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF BIOTECHNOLOGY

EXTERNAL AUDIT REPORT

Name of the Department	Biotechnology
Name of the School	Agriculture and Biosciences
Name and Address of the External Auditor	Dr. A. Anand, Professor, Dept. of Biotechnology, VIT, Vellore.
Auditing Date	December 4 th 2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Overall very good academic practice
2. Research can be inculcated and given importance in undergraduate courses
3. Encourage publications in indexed journals by final year and pre-final year students
4. Junior faculties can be guided by Senior Faculty members

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Biotechnology									
	School : Agriculture and Biosciences									
	Name and Address of the Auditor : Dr. A. Anand, Professor, Dept. of Biotechnology, VIT, Vellore.									
	Date of Audit : December 04, 2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. JIBU THOMAS	Associate Prfoessor	18BT3024	9	9	9	8	4	4	43
2	Dr. J. JANNET VENNILA	Professor	17BT2004	10	9	10	9	4.5	4	46.5
3	Dr. BISWANATH MAHANTY	Assistant Professor	14BT2020	8	8	8	7	4	4	39
			18BT3003	8	8	8	7	4	4	39
4	Dr. Md. Afroz Alam	Assistant Prfoessor	14BI2010	8	8	8	7	4	4	39
			14BI2031	8	8	8	7	4	4	39
5	Dr. M.S.A. MUTHU KUMAR NADAR	Assistant Professor	17BI2005	8	8	8	7	4	4	39
			15BT3005	8	8	8	7	4	4	39
6	Dr. PINAKI DEY	Assistant Professor	17BT2060	7	8	8	7	4	4	38
			17BT2011	7	8	8	7	4	4	38
7	Dr. I. REYA ISSAC	Assistant Professor	14BT2055	8	7	8	7	4	4	38
			17BT2011	8	7	8	7	4	4	38
8	Dr. V.M. BERLIN GRACE	Professor	15BT3001	9	9	9	8	4	4	43
			17BT2015	9	9	9	8	4.5	4	43.5
9	Dr. C. VANI	Assistant Professor	14BT3020	8	8	8	7	4	4	39
			17BT2015	8	8	8	7	4	4	39
10	Dr. D. PREMNATH	Assistant Prfoessor	14BT2014	8	8	8	7	4	4	39
11	Dr. LEVIN ANBU MICHELE GOMEZ	Assistant Professor	14BI2007	8	8	8	7	4	4	39

			14BT2022	8	8	8	7	4	4	39
12	Dr. M. LAKSHMI PRABHA	Assistant Professor	17BT2010	8	8	8	7	4	4	39
13	Dr. R.S. DAVID PAUL RAJ	Assistant Professor	17BI2002	8	8	8	7	4	4	39
			18BT3002	8	8	8	7	4	4	39
14	Dr. S. KAVITHA	Assistant Professor	17BI2016	8	8	8	7	4	4	39
			15BT3014	8	8	8	7	4	4	39
			17BI2016	8	8	8	7	4	4	39
15	Dr. S. MURUGAN	Associate Professor	18BT3021	9	9	9	8	4.5	4	43.5
16	Dr. T. JESSE JOEL	Assistant Professor	17BT2058	8	8	8	7	4	4	39
			15BT3010	8	8	8	7	4	4	39
17	Mr. D. ALWIN JOHNNIE	Assistant Professor	17BT2013	8	8	8	7	4	4	39
			14BT2020	8	8	8	7	4	4	39
18	Mrs. ANU JACOB	Assistant Professor	14FP2005	8	8	8	7	4	4	39
			17BT2013	8	8	8	7	4	4	39



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INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

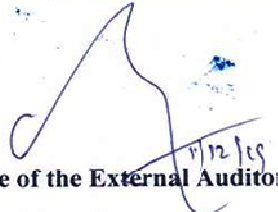
DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

EXTERNAL AUDIT REPORT

Name of the Department	Food Processing Technology
Name of the School	Agriculture and Biosciences
Name and Address of the External Auditor	Dr. N. Venkatachalapathy, Professor & Head Dept. of Food Engineering Indian Institute of Food Processing Technology Thanjavur
Auditing Date	01.12.2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. All the courses were handled with norms and the files are in order.
2. All the faculties have put sincere efforts in completing the syllabus as per the plan.
3. The faculties have conducted the internal assessment tests in time and evaluated properly.
4. There is no industrial visit in the Programme which is essential for the students to understand the subject.



Signature of the External Auditor

Dr. N. VENKATACHALAPATHY, Ph.D., FIE
Professor and Head
Department of Food Engineering
Indian Institute of Food Processing Technology
Thanjavur-613 005, Tamil Nadu

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Food Processing Technology									
	School : Agriculture and Biosciences									
	Name and Address of the Auditor : Dr. N. Venkatachalapathy, Professor & Head, Indian Institute of Food Processing Technology, Thanjavur									
	Date of Audit : 01.12.2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. T.V. RANGANATHAN	Professor	14FP2030	9.10	9.20	8.25	9.15	4.50	3.89	44.09
2	Dr. R. EMILIN RENITTA	Assistant Professor	14FP2013	8.50	9.10	8.50	9.00	4.20	4.07	43.37
			14FP2027	9.20	9.20	8.50	9.00	4.50	3.85	44.25
3	Dr. D. TIROUTCHELVAME	Assistant Professor	14FP2016	9.25	9.20	8.60	9.25	4.60	4.00	44.90
			17FP2012	9.10	9.20	8.60	9.10	4.60	3.99	44.59
4	Mr. DAYANAND PETER	Assistant Professor	14FP2027	9.10	9.10	8.60	9.20	4.30	4.27	44.57
			14FP2018	9.20	9.10	8.20	9.25	4.20	4.09	44.04
5	Dr. S. GOBIKRISHNAN	Assistant Professor	14FP2031	9.15	9.00	8.50	9.10	4.30	4.50	44.55
			17FP2010	9.10	9.00	8.20	8.30	4.00	3.87	42.47
			18FP3004	9.00	9.10	8.80	9.10	4.20	4.43	44.63
6	Mr. P. BALAMURUGAN	Assistant Professor	17FP2010	9.15	9.20	8.00	8.20	4.10	3.50	42.15
			17FP2012	9.00	9.20	8.25	8.00	4.15	3.49	42.09
7	Mr. P. DANIEL PAUL	Assistant Professor	14FP2012	9.00	9.00	8.00	8.00	4.00	4.02	42.02
			17FP2011	9.00	9.00	8.00	8.00	4.00	4.19	42.19
8	Dr. M.M. PRAGALYAASHREE	Assistant Professor	14FP2016	9.10	9.25	8.50	8.80	4.25	4.25	44.15
			18FP3018	9.25	9.00	8.50	8.50	4.30	4.36	43.91
9	Mrs. JOSELIN ANN JOY	Assistant Professor	14FP2037	9.10	9.20	8.30	8.50	4.25	4.14	43.49
			17FP2011	9.20	9.10	8.25	8.15	4.00	3.91	42.61

10	Ms. N. PRINCY	Assistant Professor	14FP2012	9.30	9.20	8.00	8.20	4.10	4.07	42.87
			17FP2013	9.20	9.15	8.25	8.60	4.30	4.34	43.84
11	Ms. ANGEL ABRAHAM	Assistant Professor	14FP2018	9.10	9.20	8.30	8.20	4.30	4.21	43.31
			14FP2030	9.20	9.10	8.30	8.50	4.20	4.34	43.64



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF CHEMISTRY

EXTERNAL AUDIT REPORT

Name of the Department	Chemistry
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. (Mrs.) L. Cindrella, Professor NIT, Trichy.
Auditing Date	16.1.2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Many books are listed in the syllabus, but only one or two books are used for class preparation in most of the courses.
2. Class details are very brief. Can be made more elaborate.
3. Additional efforts can be made to reduce 'R' grade.
4. Evaluation methods can be more in number, and should be capable of differentiating the students well.
5. Question paper can include more numerical / analytical type of questions.
6. Paper valuation is very lenient. Can be made strict.
7. Teaching methods can be a combination of various modes.

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Chemistry									
	School : Sciences, Arts, Media and Management									
	Name and Address of the Auditor : Dr. (Mrs.) L. Cindrella, Professor, NIT, Trichy.									
	Date of Audit : January 16, 2020									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. C. JOSEPH KENNADY	Professor & Dean	17CH1004	10	9	9	9	2	4	43
2	Dr. A. SAMSON NESARAJ	Professor & Director (Admissions)	17CH3004	10	9	9	9	2	4	43
3	Dr. K. PARAMESWARI	Associate Professor	15CH2003	9	8	9	9	3	4	42
			16CH2006	10	9	9	9	4	4	45
			18CH1002	9	9	9	8	2	4	41
4	Dr. N. ANANTHI	Assistant Professor	16NT3005	9	9	8	8	3	3	40
			17CH1004	9	9	8	8	3	3	40
			18CH1004	9	9	8	9	4	3	42
5	Dr. B. JEBASINGH	Associate Professor	17CH1004	9	9	8	9	4	3	42
			18CH1004	9	8	8	8	4	4	41
			18CH3001	9	9	8	9	4	4	43
6	Dr. L. EMMANUVEL	Assistant Professor	17CH3018	8	9	8	9	4	3	41
			18CH1003	9	8	8	8	4	3	40
			18CH2001	9	8	8	9	4	3	41
7	Dr. V. MADHU	Assistant Professor	17CH3006	9	8	8	9	3	3	40
			18CH1001	9	8	8	9	4	3	41

			18CH1004	8	9	8	8	4	3	40
8	Dr. R. NANDHA KUMAR	Associate Professor	18CH2001	9	9	8	9	3	3	41
			14CH3007	9	8	8	8	4	3	40
9	Dr. A. OBADIAH	Assistant Professor	17CH1004	9	9	8	8	4	4	42
			17CH2002	9	8	8	8	3	4	40
			18CH2001	9	8	8	8	3	3	39
10	Dr. J. PRABHU	Assistant Professor	14NT2016	9	8	8	8	4	3	40
			18CH1003	9	9	8	8	4	3	41
			18CH2001	10	9	9	8	5	4	45
11	Dr. V. VIJAIKANTH	Associate Professor	17CH3005	9	8	9	8	3	3	40
			18CH1005	9	8	9	8	4	3	41
			18CH2001	9	8	9	9	3	3	41



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INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF ENGLISH

EXTERNAL AUDIT REPORT

Name of the Department	English
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Anitha Devi V., Associate Professor, Department of English School of Social Sciences and Languages Vellore Institute of Technology, Vellore.
Auditing Date	28-11-2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. The files have been compiled in an organized manner as per the requirements.
2. Documents have to be arranged in sequence according to excel sheet.
3. Quality assessments supporting details will make the course file perfect.
4. Signature with seal can be maintained in the documents.
5. Self study report can be filled completely
6. Answer scripts are missing in the course file
7. CO-PO has to be provided for majority of the courses.
8. Innovative Teaching Practices -score has to be checked with eduserve report

V. Anitha Devi

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : English									
	School : Sciences, Arts, Media and Management									
	Name and Address of the Auditor : Dr. Anitha Devi V., Associate Professor, Dept. of English, School of Social Sciences and Languages, VIT, Vellore.									
	Date of Audit : 28/11/2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. J. SUNDARSINGH	Professor & Head	17EN3010	10	10	8	0	0	4	32
			18EN1001	10	10	8	10	0	3.54	41.54
2	Dr. AMUTHA DHANARAJ	Assistant Professor	18EN1001	10	5	8	10	3.83	4.14	40.97
3	Dr. M. POONKODI	Assistant Professor	17EN2035	10	10	8	0	4.29	3.92	36.21
			18EN1001	10	10	8	10	3.57	3.92	45.49
			18EN3001	10	10	10	0	3.57	3.92	37.49
4	Dr. R. CORNELI AGNES ROSABELLA	Assistant Professor	17EN2011	10	10	8	10	3	4.23	45.23
			17EN2036	10	10	8	0	3	3.91	34.91
			18EN1001	10	7	8	10	3	3.98	41.98
			17EN3033	10	10	10	0	3	3.96	36.96
5	Dr. D. DAVID WILSON	Associate Professor	17EN2002	10	10	8	0	3	4.15	35.15
			18EN1001	10	10	10	10	3	3.86	46.86
			17EN2032	10	10	10	0	3	4.03	37.03
			18EN3001	10	10	8	0	3	4	35
6	Dr. HELEN UNIUS	Assistant Professor	17EN2010	10	10	10	10	3	3.92	46.92

	BACKIAVATHY		17EN2033	10	10	8	10	3	3.77	44.77
			17EN3019	10	10	8	10	3	4.1	45.1
			18EN1001	10	10	8	10	3	3.64	44.64
7	Dr. D. KAUSALYA	Assistant Professor	16EN2004	10	10	10	10	3	4.32	47.32
			17EN2031	10	10	10	10	3	3.83	46.83
			18EN1001	10	10	10	10	3	3.97	46.97
8	Dr. J. DAS	Assistant Professor	18EN1001	10	10	8	10	3	3.63	44.63



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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF MATHEMATICS

EXTERNAL AUDIT REPORT

Name of the Department	Mathematics
Name of the School	Science, Arts, Media and Management
Name and Address of the External Auditor	Dr. Sunil Jacob John Associate Professor Dept. of Mathematics NIT, Calicut.
Auditing Date	20.11.2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:-

1. While describing CO's, use of quantifiable verbs are suggested.
2. May refer to Blooms taxonomy for writing CO's.
3. More student participation is encouraged in classes.
4. Encouraged to solve/study at least one real life case study problem in probability and numerical methods
5. Seminars, Mini projects, presentations etc. are encouraged
6. Student feed backs and Teacher evaluation may be collected for each course.
7. Attainment of course outcomes in student point view may also be collected.
8. Course activities that contributed to individual students understanding of the course content may be collected.
9. Suggestions for improving course learning level may also be collected in student feed back.

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Mathematics									
	School : Science, Arts, Media and Management									
	Name and Address of the Auditor : Dr. Sunil Jacob John, Associate Professor, NIT, Calicut									
	Date of Audit : 11-11-2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feed-back from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. A. HEPZIBAH CHRISTINAL	Professor and HoD	17MA2001	10	10	9	10	4	5	49
			17MA2015	10	10	10	10	5	4	49
2	Dr. J. DAPHY LOUIS LOVENIA	Professor and Head-Alumni Affairs	18MA1008	10	10	10	10	5	4	49
			18MA1006	10	10	10	10	5	4	49
3	Dr. S. ELIZABETH AMUDHINI STEPHEN	Associate Professor	17MA2023	10	10	9	10	5	5	49
			18MA1008	10	10	10	9	5	5	49
4	Dr. K. REBECCA JEBASEELI EDNA	Assistant Professor	17MA2001	10	10	9	9	5	5	48
			17MA2020	10	10	9	9	5	5	48
5	Dr. V. JEMMY JOYCE	Assistant Professor	17MA2001	10	10	9	10	4	5	48
			17MA2009	10	10	9	10	4	5	48
6	Dr. G. GOMATHI JAWAHAR	Assistant Professor	17MA2012	10	10	9	9	4	5	47
			18MA1012	10	10	9	10	4	5	48
7	Dr. V. KAVITHA	Assistant Professor	17MA2003	10	10	9	10	4	5	48
			17MA2010	10	10	9	10	4	5	48
8	Dr. B. ELAVARASAN	Assistant Professor	17MA2003	10	10	10	9	4	4	47
			17MA2010	10	10	10	9	4	4	47
9	Dr. R. SELVAMANI	Assistant Professor	18MA1008	10	10	10	9	4	4	47
			18ME3054	10	10	10	9	4	4	47
10	Dr. K. PORSELVI	Assistant Professor	15MA3017	10	10	10	9	4	4	47

			18MA1012	10	10	10	9	4	4	47
11	Dr. C. BAZIL WILFRED	Assistant Professor	18MA1009	10	10	10	9	4	4	47
			18MA2001	10	10	10	9	4	4	47
12	Dr. J. VENINSTINE VIVIK	Assistant Professor	17BC2012	10	10	9	9	4	5	47
			17MA2009	10	10	10	9	4	4	47
			18MA2002	10	10	9	9	5	4	47
13	Mrs. P.S. DIVYA	Assistant Professor	17MA1004	10	10	10	9	4	4	47
			17MA2003	10	10	10	9	4	4	47
14	Dr. M. SELVARATHI	Assistant Professor	17MA2003	10	10	10	9	4	4	47
			17MA2012	10	10	10	9	4	4	47
			18MA2002	10	10	10	9	4	4	47
15	Dr. J. CATHERINE GRACE JOHN	Assistant Professor	17MA2010	10	10	10	9	4	4	47
			18MA1007 (B)	10	10	10	9	4	4	47
			18MA1007 (C)	10	10	9	9	4	4	46
16	Mr. P. XAVIER	Assistant Professor	17MA2003	10	10	10	9	4	4	47
			18MA1011	10	10	9	9	4	4	46
			17MA2008	10	10	10	9	4	4	47
17	Dr. S. JEBASINGH	Assistant Professor	17MA2003	10	10	10	9	4	4	47
			17MA2010	10	10	10	9	4	4	47
			18MA1006	10	10	9	9	4	4	46
18	Dr. M. VIJILA	Assistant Professor	17MA2008	10	10	10	9	4	4	47
			18MA1007	10	10	10	9	4	4	47
			18MA2002	10	10	9	9	4	4	46
19	Dr. G. SHEEBA MERLIN	Assistant Professor	17MA2001	10	10	9	9	4	4	46
			18MA1007(EEE)	10	10	10	9	4	4	47
			18MA1007 (BM)	10	10	10	9	4	4	47
20	Ms. J. GRAYNA	Assistant Professor	15MA3017	10	10	10	9	4	4	47

			17MA2001	10	10	9	9	4	4	46
			17MA2010	10	10	10	9	4	4	47
21	Dr. P. EVANZALIN EBENANJAR	Assistant Professor	18MA1009	10	10	10	9	4	4	47
			18MA1012 (C.)	10	10	9	9	4	4	46
			18MA1012 (D)	10	10	10	9	4	4	47
22	Dr. H. JUDE IMMACULATE	Assistant Professor	17MA1002	10	10	10	9	4	4	47
			17MA2008	10	10	9	9	4	4	46
			18MA2002	10	10	10	9	4	4	47
23	Dr. K. SIVARANJANI	Assistant Professor	17MA2008	10	10	10	9	4	4	47
			18MA1012	10	10	9	9	4	4	46
			18MA2002	10	10	10	9	4	4	47



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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF PHYSICS

EXTERNAL AUDIT REPORT

Name of the Department	Physics
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. J. Hemalatha Professor & Head Dept. of Physics NIT, Trichy
Auditing Date	25.01.2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Teaching plan / Class handled reports are all good.
2. Standard of the question papers is good.
3. Evaluation of the answer script is fair.
4. Quality assessments are in conventional modes. Experimental methods (like minor group projects) which can provide practical insights may be considered.
5. Percentage of PO attainment may also be calculated.
6. Innovative teaching practices should be improved.

J. Hemalatha

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Physics									
	School : Sciences, Arts, Media and Management									
	Name and Address of the Auditor : Dr. J. Hemalatha, Professor & Head, Dept. of Physics, NIT, Trichy									
	Date of Audit : 25.1.2020									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feed-back from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. S. RAJESH	Professor & HoD	16NT3001	8.5	8	7	NA	0	4.6	35.125
2			17NT2003	8	8.5	7	NA	0	4.5	35
3	Dr. M. HARIS	Associate Professor	18PH1005	8	9	9	8	8.5	4.2	42.5
4	Dr. D. KHANNA	Assistant Professor	17PH2003	9	9	7	0	9	4.6	48.25
5			18PH1009	9	9	7	8	9	4.1	42
6	Dr. M. SENTHILKUMAR	Assistant Professor	18PH1005 (ECE)	8.5	9	9	8	7	4.1	41.5
7			18PH1005 (EMT)	9	8.5	9	8	7	4.1	41.5
8	Dr. A. SAKUNTHALA	Assistant Professor	17PH3008	8.5	8.5	8.5	NA	7.5	4.8	47.25
9			18PH1005	8.5	8.5	9	8	7	3.5	41
10	Dr. A. ABIRAM	Assistant Professor	17PH3005	9	8	7	NA	8.5	4.6	46.375
11			18PH1005	9	8	9	7.5	8.5	3.5	42
12	Mrs. G. JOHNSY ARPUTHAVALLI	Assistant Professor	17PH2015	9	8.5	7	NA	8	4.4	46.125
13			18PH1009	8.5	8	7	7	8.5	3.9	39
14	Dr. T. MERITA ANTO BRITTO	Assistant Professor	17PH3007	8	9	8	NA	8	4.6	47
15			18PH1005	9	8.5	9	7	8.5	3.9	42
16	Dr. T. SAINTA JOSTAR	Assistant Professor	17PH3009	8.5	8.5	8.5	7	8	4.2	44.7
17			18PH1009	8.5	8.5	7	7	8	3.6	39
Remarks: For M.Sc courses, CO , PO attainment details are not furnished. So, for M.Sc courses alone, the mark assigned for column H is ignored and the total mark is fixd as 40 (column K)										



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EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF NANOSCIENCES

EXTERNAL AUDIT REPORT

Name of the Department	Nanosciences
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. J. Hemalatha Professor & Head Dept. of Physics NIT, Trichy
Auditing Date	25.01.2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Teaching plan / Class handled reports are all good
2. Standard of the question papers is good.
3. Evaluation of the answer script is fair.
4. Quality assessments are in conventional modes. Experimental methods (like minor group projects) which can provide practical insights may be considered.
5. Percentage of PO attainment may also be calculated.
6. Innovative teaching practices should be improved.

J. Hemalatha

Signature of the External Auditor

	Name of the Department : Nanoscience								
	School : Sciences, Arts, Media and Management								
	Name and Address of the Auditor : Dr. J. Hemalatha, Professor & Head, Dept. of Physics, NIT, Trichy								
	Date of Audit : 25.1.2020								
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	5 marks	5 marks	40
1	Dr. I.V. MUTHU VIJAYAN ENOCH	Associate Professor	16NT3007	8.5	8	7	7	3.7	34.2
2			16NT3014	8.5	7.5	7	7	4.6	34.6
3			17CH2001	8.5	8	7	7	4.6	35.1
4	Mr. S.K. SURESH BABU	Assistant Professor	17PH2002	8.5	9	8	7.5	4.5	37.5
5			16NT2008	8.5	9	8	7.5	4.7	37.7
6			16NT3002	8.5	8.5	8.5	8	3.6	37.1
7	Dr. B. Vidhya	Assistant Professor	17NT2005	9	8	8	8	4.6	37.6
8			17PH3016	9	8	8	7.5	4.6	37.1



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF MEDIA AND COMMUNICATION

EXTERNAL AUDIT REPORT

Name of the Department	Media and Communication
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Fr. BijuK.Chacko Director – Centre for Concept Design and Co- ordinator: MA Media and Communication Studies, Christ Deemed to be University, Bangalore
Auditing Date	12 January 2020
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. It recommended that the classroom conduct can be prepared more in detail. Most of the session carries only PPT or Lecture or Video. Monotony can cause the reduction of the attention span of students. It is better to have multiple components during each session.
2. Specifying the references from multiple sources and mention them all in the Reference list.
3. It is recommended to have little more clarity on course plan and class conduct through training on course plan development and related activities.
4. For practical based papers, it is recommended to provide some proof in the form of PDF document
5. Weightage for theory components in each subject can be increased little more.

Dr Fr Biju K Chacko
Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Media and Communication									
	School : Sciences, Arts, Media and Mangement									
	Name and Address of the Auditor : Dr. Fr. Biju K.Chacko, Director - Centre for Concept Design & Co-ordinator - MA Media & Communication Studies, Christ Deemed to be University, Bangalore.									
	Date of Audit : 12 January 2020									
S. No.	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Mr. S. ISAAC JOEL RAJ	Assistant Professor	14MT2038	8	8	7	9	3	4.3	39.3
2			17EC2041	7	7	7	9	3	4.03	37.03
3	Mr. NAIR VISHAL VIJAY	Assistant Professor	14VC3015	5	7	7	6	6	4.17	35.17
4			17MT2003	6	7	6	6	5	3.9	33.9
5	Mr. ALEXANDER JOE TIMOTHY	Assistant Professor	14CS3055	8	5	7	7	4	3.48	34.48
6	Mr. G. CHRISTHURAJA	Assistant Professor	17CS2038	5	8	6	6	3	3.5	31.5
7			17MT2009	4	6	7	6	4	4	31
8	Mr. V. VIKASH	Assistant Professor	14VC3012	5	5	NA	NA	3	4	28
9			17MC2006	5	6	NA	NA	4	4	31
10	Dr. MALLIKA VIJAYA KUMAR	Assistant Professor	15VC3001	5	7	6	6	4	4.05	32.05
11			17MC2003	5	8	7	7	5	4.34	36.34
12			17MC2031	4	7	6	6	4	3.84	30.84
13	Mr. H. CALEB ANDREW	Assistant Professor	17MC2012	6	6	5	7	5	3.72	32.72
14			17MT2001	5	6	6	7	6	4.26	34.26
15	Mr. J. PRAVEEN IMMANUEL PAULRAJ	Assistant Professor	14VC2088	8	7	8	7	6	5	41
16			17MC2008	7	7	7	8	6	4.38	39.38
17	Dr. P. EMMANUEL JOY	Assistant Professor	17MC2019	8	6	5	5	5	3.19	32.19
18			17MT2007	7	6	6	6	6	4.04	35.04

19	Mr. A. DEBIE SHAJIE	Assistant Professor	14VC2063	6	6	5	6	5	3.85	31.85
20			17MT2038	6	7	6	6	5	4.17	34.17
21	Mr. NAVIN M. GEORGE	Assistant Professor	14MT2019	5	6	7	7	5	4.11	34.11
22			17MT2008	6	7	5	6	6	3.48	33.48



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF INFORMATION TECHNOLOGY

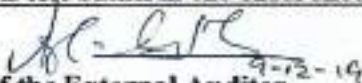
EXTERNAL AUDIT REPORT

Name of the Department	Information Technology
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Angelina Geetha Professor Hindustan Institute of Technology and Science Chennai
Auditing Date	9.12.2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. No excel files enclosed for cross verification of CO attainment
2. Sample copy of assignment or the question given for assignment with rubrics can be given in the course file
3. The syllabus copy can be included, as it will help in syllabus coverage
4. Entire department has not submitted CO attainment analysis report in the course file
5. For analytical courses, the question papers can be more problem oriented.
6. The actual lectures taken sheet has many repetitive entries for all. May be system generated report needs a check again
7. Most of the question papers need a quality standard check. No higher BTL questions are given. Most of the questions fall under Recall and remember

Note : Since no faculty has given details about Co attainment, that assessment component is left blank in the excel sheet.


Signature of the External Auditor
(Angelina Geetha), Prof./CSE, HITS

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
	Name of the Department : Information Technology								
	School : Sciences, Arts, Media and Management								
	Name and Address of the Auditor : Dr. Angelina Geetha, Professor, Hindustan Institute of Technology and Science, Chennai.								
	Date of Audit : 3.12.2019								
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	5 marks	5 marks	40
1	Dr. D. PONMARY PUSHPA LATHA	Associate Professor	16CS2003	10	7	5	1	4	27
			18CS1001	10	7	5	1	4	27
2	Dr. P. RANJIT JEBA THANGAIAH	Associate Professor	17CA2002	10	9	7	2	5	33
			17CA2012	10	9	8	3	4	34
3	Ms. SHARON POORNIMA	Assistant Professor	17CA2004	10	9	8	5	4	36
			17CA2010	10	10	7	5	3	35
			18CA2011	10	9	7	5	4	35
4	Dr. S. CAROLIN JEEVA	Assistant Professor	17CA2011	10	6	6	5	4	31
			17CA2013	10	6	7	5	4	32
			18CS1001	10	7	8	5	4	34
5	Dr. C. BEULAH CHRISTALIN LATHA	Assistant Professor	17CA2010	10	9	9	4	4	36
			18CS1001	10	6	8	4	4	32
6	Dr. J. MACKLIN ABRAHAM NAVAMANI	Assistant Professor	17CA2015	10	10	8	4	4	36
			18CA2001	10	6	7	3	4	30
7	Mrs. Revathy G. Arun	COEDF Faculty	17CA2048	10	7	6	3	4	30
			17CA2055	10	8	7	1	4	30
			17CA3011	10	8	7	2	4	31
8	Dr. Sathiya Srinivas	COEDF Faculty	17CA2054	10	8	7	3	4	32

			17CA3012	10	8	8	4	4	34
9	Mr.E.R. Ramesh	COEDF Faculty	17CA2056	10	8	7	2	4	31
			17CA2059	10	6	6	2	5	29
10	Mr. Venkataraman N	COEDF Faculty	17CA2058	10	6	6	2	5	29
			17CA3014	10	8	6	3	5	32
			17CA3015	10	6	7	2	4	29
11	Mr. Shakthidharan	COEDF Faculty	17CA2061	10	10	7	4	5	36
12	Mr. Suresh	COEDF Faculty	17CA3009	10	5	5	2	4	26
13	Ms. C.P. Nivetha	COEDF Faculty	17CA3016	10	5	4	2	5	26



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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF MANAGEMENT STUDIES

EXTERNAL AUDIT REPORT

Name of the Department	Management Studies
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. S. Kavitha, Associate Professor, GRGSMS PSGRKC for Women Coimbatore.
Auditing Date	25/11/2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Good attempt to implement CO, PO and PSO mapping
2. Blooms taxonomy tried up to three levels. In future level 4-6 also should be tried in all the courses
3. Innovative practices adopted should differ based on the course but faculty members mentioned same practices for all the courses handled by them. Some faculty have given it just as a concept without mentioning how they implemented the same in their course

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
	Name of the Department : Management Studies									
	School : Sciences, Arts, Media and Management									
	Name and Address of the Auditor : Dr. S. Kavitha, Associate Professor, GRGSMS, PSGRKC for Women, Coimbatore.									
	Date of Audit : 25.11.2019									
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. J. CLEMENT SUDHAHAR	Professor	18MS3030	9	8	8	6	3	3	37
2	Dr. B. KALPANA SAI	Associate Professor	18MS3007	9	9	6	5	2	4	35
			18MS3011	8	7	6	5	2	4	32
			18MS3044	8	7	6	5	2	4	32
3	Dr. F.J. PETER KUMAR	Associate Professor	18MS3008	8	6	6	4	3	4	31
			18MS3024	8	0	0	0	0	4	12
			18MS3072	8	7	0	0	3	Not available	18
4	Dr. R. AMUDHA	Associate Professor	18MS3008	9	9	6	9	2	4	39
			18MS3020	8	7	6	8	2	4	35
			18MS3022	9	9	6	8	3	4	39
5	Dr. S. ANTHONY RAJ	Associate Professor	18MS3011	8	8	6	7	2	4	35
			18MS3045	8	5	6	7	2	4	32
			18MS3076	8	5	6	7	2	4	32
6	Dr. S. SENITH	Assistant Professor	18MS3012	8	8	7	6	2	4	35
			18MS3040	8	7		7	2	4	28
			18MS3063	7	7	7	6	2.5	3.5	33

7	Mrs. G. NISHA MALINI	Assistant Professor	17BC2016	9	8	7	7	5	4	40
			17CR2005	9	8	8	4	5	4	38
			17CR2016	9	5	8	8	4	4	38
			18MS3081	9	5	8	8	4	4	38
8	Mrs. N.L. PRAISING LINIJAH	Assistant Professor	18MS3010	9	8	8	7	4	4	40
			18MS3065	8	7	8	5	3	4	35
			18MS3028	9	8	8	7	4	4	40
9	Dr. JUBLEE	Assistant Professor	17MS2002	8	6	6	6	2	4	32
			18MS3074	9	8	2	6	1	4	30
10	Dr Thiru Arooran	Assistant Professor	18MA3004	9	9	8	8	3	4	41
			18MS3012	9	8	8	7	3	4	39
			18MS3019	9	8	8	7	3	4	39



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INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2018-19

DEPARTMENT OF COMMERCE

EXTERNAL AUDIT REPORT

Name of the Department	Commerce
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. S.Kavitha, Associate Professor GRGSMS PSGRKC for Women Coimbatore.
Auditing Date	25/11/2019
Academic Year	2018-19 Even Semester

Comments/ Suggestions given by External course file Auditor during Auditing:

1. Attempt should be made for checking the CO attainment for commerce department also
2. Blooms taxonomy tried up to three levels. In future level 4 -6 also should be tried in all the courses
3. Innovative practices adopted should differ based on the course but faculty members mentioned same practices for all the courses handled by them.

Signature of the External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
	Name of the Department : Commerce								
	School : Sciences, Arts, Media and Management								
	Name and Address of the Auditor : Dr.S. Kavitha, Associate Professor, GRGSMS, PSGRKC for Women, Coimbatore.								
	Date of Audit : 25.11.2019								
S. No	Name of the Faculty	Designation	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
				10 marks	10 marks	10 marks	5 marks	5 marks	40
1	Dr. C. SAMUEL JOSEPH	Professor & HoD	17BB2013	9	6	6	0	4	25
2			18PA2010	9	8	8	0	4	29
3	Dr. D. MAHILA VASANTHI THANGAM	Associate Professor	17BB2017	9	8	8	4	4	33
4			17BC2022	9	8	8	4	4	33
5			18PA2003	8	7	8	2	4	29
6	Mr. V. PALANISINGH	Assistant Professor	17MS2005	8	6	6	2	4	26
7			17BB2026	9	7	6	3	4	29
8			17BB2006	9	7	7	4	3	30
9			18PA2011	9	8	7	2	4	30
10	Ms. Nisha		17BC2016	8	7	7	3	4	29
11	Mr. Jerin	Assistant Professor	17BB2005	8	7	7	4	4	30
12			17BB2016	9	8	7	3	4	31
13			17BB2024	9	7	7	4	4	31
14			17BC2005	9	7	7	4	4	31



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Action Taken Report

on the

External Course File Audit Reports

of the

Departments of KITS

(Even Semester 2018-19)

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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Civil Engineering**

S. No.	Comments from External Academic Auditors	Action Taken
1	KITS has to be commended for migrating to the digital platform for Quality Assessment. However, the good old Blue book could be retained for reference purposes. Interested faculty can maintain a hard copy for backup, to be used during server failure.	The Department is already having the practice of maintaining the blue book for the convenience of the faculty in order to track the students in terms of Attendance and performance in the Internal Assessments.
2	The concept of QA is good. Though ten options are listed under Quality Assessment, many are adopting only one or two methods.	The faculty are motivated to plan for more innovative approaches in the Quality Assessment to enhance the learning levels of students.
3	In some subjects, 20 to 30 % of 'R' grades were observed. The faculty had not offered detailed reasons. This may be followed up.	The concerned faculty are instructed to give detailed reasons and also strategic plans to avoid such failures in future.
4	In some subjects, low CO attainment levels were observed. This could be due to high target levels or improper mapping.	The faculty are instructed to review the CO mapping and work towards ensuring better attainment of COs
5	The general standard of the question papers is good. But some questions were too general. This could be tackled on a case-by-case basis.	Training for question paper setting is being organized by KCDC and conducted for all the faculty members during the summer vacation period.
6	It is good to break the question paper down into low mark questions. This will give the students the choice of many topics to attempt. But some questions were of 10 or 20 marks variety.	The concerned faculty are instructed to go for more subdivisions in the question papers.
7	The effort to motivate the faculty to 'Innovate' is commendable. But only few were able to come up with genuinely innovative teaching methods.	The faculty are instructed to adopt innovative teaching methods in the courses handled.

Head of Department

Dean



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ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR

EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19

Name of the Department: **Mechanical Engineering**

S. No.	Comments from External Expert	Action Taken
1	Quality of documents scanning can be improved	The suggestion is well taken and the same will be implemented.
2	Uniformity in presenting the CO Attainment is required. As in some graphs shows targets and achieved % attainment. Some are missing. This can be made uniform across.	Uniformity in course outcome is achieved because all the courses have six course outcomes. It is informed to include the charts with CO target and achieved percentage.
3	On what basis is target outcome in CO Attainment set?	Based on the type of Course (Descriptive or Analytical) and the students performance in the Internal and End Semester examination.
4	In course attainment chart: Cumulative CO Attainment (Sample) (The Graph may change based on number of Course Outcomes) this can be avoided.	This will be verified and rectified with the individual course teacher through internal experts during internal audit.


HoD


Dean



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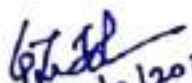
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ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR

EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19

Name of the Department: **Aerospace Engineering**

S. No.	Comments from External Expert	Action Taken
1	Properly fix the CO target	Faculty members are advised to do the needful and trainings are given by KCDC during every summer vacation.
2	Action taken for the students scored less than 50% is not proper.	Noted. Action towards the same has been initiated.
3	Use different tools (poster, seminar presentation etc.) for the quality assessments.	Noted. Updates made in the faculty meeting.
4	Aircraft performance title changed as Engineering Mechanics	Noted. The faculty member is advised to do the needful.


HoD 11/2/2020


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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Electronics and Communication Engineering**

S. No.	Comments from External Expert	Action Taken
1	The course outcome assessment process is transparent (Internal Test I,II,III, Quality Assessment, Final Examination and Cumulative outcome).	Comments are well acknowledged with due regards.
2	The teaching plan / Class handled report has been verified for all the faculty members and a few reports have to be attested by authorities.	New format is given in this semester to follow uniformly.
3	Report on quality assessments conducted by faculty members have been verified.	Comments are well acknowledged with due regards.
4	Attainment of CO and PO have been achieved.	Comments are well acknowledged with due regards.
5	Innovative teaching practices can be improved.	Will be considered and informed to the faculty members during faculty meeting and it will be implemented.
6	Students feedback have been considered for the improvement of teaching and course outcome attainment.	The students feedback is given to the faculty in regular basis for improvement.


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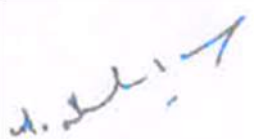
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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Electrical and Electronics Engineering**

S. No.	Comments from External Expert	Action Taken
1	Example sheet for how the lectures are implemented can be shown.	We submit the comments to IQAC for further decision.
2	Additional methodology in teaching (proofs)	We submit the comments to IQAC for further decision.
3	Assignments and Quizzes (no proofs)	Most of the faculty members have included the proofs for the QA components. Write-ups have also been submitted. We will ensure that all the faculty submit the proofs.
4	Action Taken by the faculty member-proof can be included	We submit the comments to IQAC for further decision.
5	CO and PO not required for all the course files, one is enough for reference.	We submit the comments to IQAC for further decision.


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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **INSTRUMENTATION ENGINEERING**

S. No.	Comments from External Expert	Action Taken
1	Teaching plan and class handled report is not available in all the course files.	Teaching plan and class handled report will be included in all course files.
2	IA1-IA3 answer scripts have to be scanned properly.	Scanning of the Answer scripts will be made clearly.
3	In attainment of CO and PO, the CO calculation is incomplete in few files.	Incomplete data will be corrected in CO, PO, and files and compiled.
4	Self-study report has to be completed under quality assessments.	Self-study reports are completed properly as directed.
5	In few files, no innovative teaching practices have been mentioned.	Innovative teaching practices will be written properly.
6	Kindly include CO for internal assessments as only cumulative CO is available.	CO will be compiled properly in all course files.


18/03/19
HoD (IE)


Dean



**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Media and Communications**

S. No.	Comments from External Expert	Action Taken
1	It is recommended that the classroom conduct can be prepared more in detail. Most of the session carries only PPT or Lecture or Video. Monotony can cause the reduction of the attention span of students. It is better to have multiple components during each session.	The comments from the external expert will be taken into consideration and will be implemented. The faculty members are already trained on modern teaching methodologies. The faculty members will be emphasized to deliver their lectures with modern teaching methods and same will be monitored
2	Specify the references from multiple sources and mention them all in the reference list.	The teaching plan contains the details specified by the expert. However, in the topics where more reference is required, the same will be added in the teaching plan. The teaching plan will be revisited once again.
3	It is recommended to have little more clarity on course plan and class conduct.	Lecture topics taken report is attached. The comments from the external expert will be taken into consideration.
4	For practical based papers, it is recommended to provide some proof in the form of pdf document.	All practical based courses comprises with a list of experiments and proper lab manuals. The observation notebook from a student as well as a record book of a student will be attached.
5	Weightage for theory components in each subject can be increased little more.	The comments from the external expert will be taken into consideration and will be implemented.

P. Ranjit Gelsa
HOD
30/01/2020

Dean



**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Computer Science and Engineering**

S. No.	Comments from External Expert	Action Taken
1	Mapping of BTL from assessment plan and actual question paper differs.	The issue of mapping of BTL between assessment plan and actual question paper has already been communicated to the faculty members in the faculty meeting. Faculty members have been appraised regarding the mapping of BTL. Scrutiny committee with faculty experts have already been constituted to check whether the mapping of BTL is followed correctly. It will be implemented from Even Semester 2019-20 onwards.
2	Proof for corrective measures taken can be included in the course file.	Faculty members have been informed to include such proofs as an annexure in the course file.
3	All quality assessment need rubrics upon which they are assessed.	Rubrics have already been followed. However, faculty members have been appraised to include the rubrics in the course files from Even Semester 2019-20 onwards.
4	Lecture topics completed sheet have many repeated entries in almost all course files. This system generated report needs to be checked.	Few of the repeated entries are due to the overlapping of topics handled by the faculty. However, members have been encouraged to stick with the teaching plan.
5	Final CO attainment must reflect the cumulative CO attainment. Some of the course files consider only end Semester attainment	Members of the faculty members have been informed.
6	If whole question paper is assessing only one CO, then the CO attainment for the full course will be biased. Hence avoid question papers with just one CO assessment.	The assessment of question paper with only one CO has been followed only in a few question papers. However, the suggestion is well taken and will be implemented from the Even Semester 2019-20 onwards for all the question papers submitted by the faculty members.
7	Some innovative practices carried out photos (with some students) posted in more than one course file of different teachers. This can be avoided.	Few of the QA components such as poster presentation, mini project, role play are conducted across the batches in parallel. Hence, the same document might have been included. However, faculty members have been appraised regarding the same.


HoD - CSE


Dean - ET

**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
 EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Biotechnology**

S. No.	Comments from External Expert	Action Taken
1	Research can be included and given importance in undergraduate courses.	Students were allotted with mini projects and encouraged to publish papers in journals and in conferences.
2	Encourage publications in indexed journals by final year and pre final year students.	The final year students are advised to publish their project work in Scopus indexed journals.
3	Junior faculties can be guided by senior faculty members.	For interdisciplinary research, the expertise of the senior faculties is utilized.


HoD


Dean



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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Department of Food Processing Technology**

S.No.	Comments from External Expert	Action Taken
1	There is no industrial visit in the program which is essential for the students to understand the subject.	Few industrial visits had been arranged and it is not documented. In future more industrial visit will be arranged for the benefit of the students and will be documented.

HoD

Dean



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EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Agriculture**

S. No.	Comments from External Expert	Action Taken
1	Importance and scope should be delivered during first lecture.	This will be adopted from the incoming academic year.
2	Questionnaire / feedback should be obtained from students.	Students have the option to rate faculty performance and will emphasize feedback and will be added.
3	Some faculty have not given due care in preparing the course file.	Few files have been found missing during the process of google sharing. Merging of all files into a single pdf file is suggested.
4	CO PO is found missing	This is non-CBCS course and hence CO, PO mapping is not done.
5	Class handled report and teaching plan are not on par. There is repetition of statements.	Some lectures are combined to facilitate easy learning. Some lectures may extend beyond one session. Repetition will be avoided.
6	Bloom's taxonomy is not followed. Front page of answer script is not filled up.	This problem will be addressed in the next Course file submission.
7	Quality assessment are not up to mark.	Improvements are suggested and will be incorporated.


HoD 28/2/20


Dean 29/2/20



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**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Mathematics**

S. No.	Comments from External Expert	Action Taken
1	While describing CO's, use of quantifiable verbs are suggested.	It will be taken care in the forthcoming CDC.
2	May refer to Blooms taxonomy for writing CO's.	Most of the CO's follows Blooms Taxonomy
3	More student participation is encouraged in classes.	Suggestion is well taken.
4	Encouraged to solve/study at least one real life case study problem in probability and numerical methods.	Suggestion is well taken.
5	Seminars, Mini projects, presentations etc. are encouraged.	Suggestion is well taken.
6	Student feed backs and Teacher valuation may be collected for each course.	Already we are doing that in Eduserve.
7	Attainment of course outcomes in student point view may also be collected.	We are planning to have students in BOS in future.
8	Course activities that contributed to individual students understanding of the course content may be collected.	Suggestion is well taken.
9	Suggestions for improving course learning level may also be collected in student feedback.	Suggestion is well taken.

Dean



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EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Physics and Nanosciences**

S. No.	Comments from External Expert	Action Taken
1	Teaching plan/Class Handled Reports are Good.	-
2	Standard of Question Papers is Good.	Understanding and apply level questions are incorporated where ever possible.
3	Evaluation of Answer script is Fair.	Faculty has been asked to evaluate the answer script based on the KEY provided.
4	Quality assessments are in conventional modes. Experimental methods (like minor group projects) which can provide practical insights may be considered.	Working models and experimental work relevant for the topic will be assigned as quality assessment component.
5	Percentage of PO attainment may be calculated.	Program outcomes will be defined in the next BoS meeting.
6	Innovative teaching practice should improve.	Innovative teaching practice like video lectures, Demonstration of working models will be incorporated .

HoD

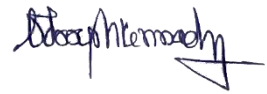
Dean



**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Chemistry**

S. No.	Comments from External Academic Auditors	Action Taken
1	Teaching Plan – Approved teaching Plan is not attached.	The faculty members are instructed to get the approval from the HOD and submit the same for External course file audit. (In teaching Plan standard format should be followed).
2	HOD's signature is missing in many documents.	Mandatory duty of faculty members to get the signature from HOD's in course file forms.
3	Marks are not readable in some attached answer sheets, may be in a hurry and maximum marks need to be given in the front page.	Communicated to all faculty members through mail/Meeting.
4	End semester Question paper is missing and standard of the question needs to be improved and internal questions are repeated in end semester paper.	Communicated to the concerned faculty members.
5	Majority of the questions in the question papers are knowledge-based and more number of questions testing the understanding and applications need to be included to make better differentiation of the performance.	Faculty members are emphasized to set questions on application of the concepts. The quality of the question paper will be checked by 'Scrutinee Committee' before every internal.
6	Different strategies for correction of answer sheet is seen which need to be generalized for all faculties.	Faculty members are emphasized to follow the strategy given by CoE.
7	Documents to support some of the Quality assessments are not provided in many files. QA can be more in number to differentiate the students well. Models can be made.	The faculty members are advised to attach proper assignments or posters and give more number of assignments.
8	The quality of teaching and learning need to be drastically improved by moral support as well as well-designed problems so that students can use of the concept they learnt with confident.	Faculty members are asked to give more problem based work to improve the student's analytical skills in their respective subjects.
9	Course is conducted based on one or two text books only – this needs to change for better understanding of the concepts.	Faculty members are encouraged to use more text books specifically for PG courses.
10	By improving the depth of the testing components, the differentiation among the performance of the students can be brought out well.	The faculty members are encouraged to give more analytical and innovative project work to those who are above the average level in aptitude.

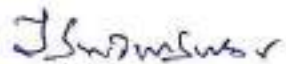
A handwritten signature in dark ink, appearing to read "Stephen M. Kennedy". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dean

**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
 EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **English**

S. No.	Comments from External Expert	Action Taken
1	Documents have to be arranged in sequence according to excel sheet.	It is implemented in the odd semester of 2019 – 2020.
2	Quality assessment supporting details will make the course file perfect.	It will be done as per the IQAC requirement.
3	Signature with seal can be maintained in the documents.	IQAC procedure is followed.
4	Answer scripts are missing in the course file.	Requested the faculty to be more careful in attaching all the answer scripts.
5	Self-study report can be filed completely.	It will be done as per the procedure.
6	CO-PO has to be provided for majority of the courses.	It is done for Engineering branches.
7	Innovative teaching practices – score has to be checked with Eduserve report.	IQAC procedure is followed.


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 Dean



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Name of the Department: **Management Studies**

S. No.	Comments from External Expert	Action Taken
1.	Good Attempt to implement CO, PO & PSO Mapping.	Implemented and followed by all faculty and the output was provided positive results in course management, preparation of Question papers and effective knowledge outcome for students.
2.	Blooms taxonomy tried upto 3 levels. In future 4-6 also should be tried in all the courses.	4-6 levels of Blooms taxonomy have been applied in a few courses and will be ensured for others as well.
3.	Innovative Practices adopted should differ based on the course but faculty members mentioned same practices for all the courses handled by them.	The suggestion has been shared to all faculty and instructed to uphold the instruction accordingly.


HoD
4/2/2020


Dean
4/2



**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Commerce and International Trade**

S. No.	Comments from External Expert	Action Taken
1	General: Attempts to be made for CO mapping for Commerce also.	Right now it's not practices, will be done in due course.
2	Blooms taxonomy tried upto 3 levels 4-6 need to be tried.	It has been shared with the faculty.
3	Innovative practices are similar for different course by the same faculty.	Faculty has been informed to change the pattern.
4	Course Specific: 17BB2013 18PA2010 Innovative Practices to be included. Test 1 & 2 Answer sheets and Test 1 QP to be included.	Concerned faculty has been informed to ensure.
5	18PA2003 CO mentioned in question papers are upto CO3 but mapped in questions upto CO4	Concerned faculty member will be rectify in subsequent Courses.
6	17MS2005/17BB2026/17BB2006* QP Mismatch with CO's & Test 2 & 3 Answer sheets not visible.	The faculty has been informed to take caution while setting the QPs. Answer sheets will also be submitting with clarity.
7	17BB2024* CO3 not mapped	He has been strictly informed to take care and follow it up with caution in future.

*Note: There is a general mismatch seen for some subjects in the syllabus framed in 2017 on the COs with content, which has been rectified in 2018 syllabus.


HoD
4/2/2020


Dean
4/2



**ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2018-19**

Name of the Department: **Digital Sciences**

S. No.	Comments from External Expert	Action Taken
1	No excel files enclosed for cross verification of CO attainment.	The programs offered in the department are exempted from the CO attainment submission. the PO, PSO and CO will be formulated and will be passed in the BoS and subsequent Academic Council.
2	Sample copy of assignment or the question given for assignment with rubrics can be given in the course file.	The comments from the external expert will be taken into consideration. The assignment questions and rubrics will be included in the next submission.
3	The syllabus copy can be included, as it will help in syllabus coverage.	The comments from the external expert will be taken into consideration. The syllabus will be attached from the next submission.
4	Entire department has not submitted CO attainment analysis report in the course file.	The programs offered in the Department are exempted from the CO attainment submission. the PO, PSO and CO will be formulated and will be passed in the BoS and subsequent Academic Council.
5	For analytical course, the question paper can be more problem oriented.	The comments from the external expert will be taken into consideration and it will be implemented. The same will be emphasized in the department faculty meeting.
6	The actual lectures taken sheet have many repetitive entries for all. May be system generated report needs a check again.	The actual lectures taken is the report taken from eduserve.karunya.edu. The comments mentioned will be forwarded to the concerned team.
7	Most of the question papers need a quality standard check. No higher BTL questions are given. Most of the questions fall under Recall and Remember.	The comments from the external expert will be taken into consideration and it will be implemented. The same will be emphasized in the Department faculty meeting.

P. Raji Gopal Nigam
HoD

Dr. P. S. S. S. S. S.
Dean