



**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**

AICTE Approved & NAAC Accredited

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

## **EXTERNAL COURSE FILE AUDIT REPORTS**

(Even Semester 2017-18)

of the Departments

Conducted by

External Experts

during

August / September 2018

## List of Experts

S. N.	Department	External Expert
1.	Civil Engineering	Dr. S.T.Ramesh, Professor, NIT, Trichy
2.	Mechanical Engineering	Dr. M. Murugan, VIT, Vellore
		Dr. S. Thiagarajan, Professor, VIT, Vellore
3.	Aerospace Engineering	Dr.K. Panneerselvam, Associate Professor, NIT, Trichy
4.	Computer Science and Engineering	Dr.Geetha Mary A, Asso. Professor, VIT, Vellore
5.	Electronics and Communication Engineering	Dr. S.Senthil Kumar, Associate Professor, NIT, Trichy
6.	Electrical and Electronics Engineering	Dr. SishajP.Simon, Associate Professor, NIT, Trichy.
7.	Instrumentation Engineering	Dr. N.Sivakumaran, Professor, NIT, Trichy
8.	Media and Communication	Dr. P.Sasikumar, Associate Professor, VIT, Vellore
9.	Biotechnology and Bioinformatics	Dr. Z.John Kennedy, Professor, Tamil Nadu Agricultural University, Cbe
10.	Food Processing Technology	Dr. N. Venkatachalapathy, Professor, Indian Institute of Food Processing Technology, Tanjavur.
11.	Agriculture	Dr.Z. John Kennady, Professor, Tamil Nadu Agricultural University, Cbe.
12.	English	Dr. Raju, RLN, Associate Professor, VIT, Vellore.
13.	Mathematics	Dr. Sunil Jacob John, Associate Professor & Head, NIT, Calicut
14.	Physics and Nano-sciences	Dr. Soney Varghese, Associate Professor, NIT, Calicut.
15.	Chemistry	Dr. L. Cindrella, Professor, NIT, Trichy
16.	Management Studies and Commerce	Dr. S. Kavitha, Associate Professor, PSGRKC for Women, Cbe.
17.	Information Technology	Dr. Raju R.L.N, Associate Professor, VIT, Vellore
		Dr.P. Sasikumar, Associate Professor, VIT, Vellore
		Dr. Sishaj P. Simon, Associate Professor, NIT, Trichy

# INDEX

<b>S. No.</b>	<b>Date of Audit</b>	<b>Department</b>	<b>Page No.</b>
1.	17.8.2018& 18.8.2018	Civil Engineering	3 - 13
2.	21.08.2018	Mechanical Engineering	14 - 25
3.	22.08.2018	Aerospace Engineering	26-29
4.	16.08.2018 & 17.08.2018	Computer Science and Engineering	30 - 37
5.	16.08.2018& 15.09.2018	Electronics and Communication Engineering	38 - 48
6.	15.09.2018	Electrical and Electronics Engineering	49 - 52
7.	22.08.2018	Instrumentation Engineering	53-57
8.	15.09.2018	Media and Communication	58-61
9.	10.03.2018	Biotechnology and Bioinformatics	62-68
10.	24.08.2018	Food Processing Technology	69-73
11.	22.08.2018	Agriculture	74-78
12.	29.08.2018	English	79 - 82
13.	25.08.2018	Mathematics	83-86
14.	30.08.2018	Physics and Nano-sciences	87 - 93
15.	29.08.2018	Chemistry	94 - 102
16.	30.08.2018	Management Studies and Commerce	103 - 106
17.	15.08.2018, 29.8.2018 & 15.09.2018	Information Technology	107 - 113

## **Overall General Comments of the Auditors**

1. The course files were maintained in a fair manner in most of the cases.
2. The course teachers have put their efforts in conducting classes, setting up question papers, evaluating the answer sheets fairly.
3. The Faculty members have applied their mind for conducting the quality assessment for the benefit of the students.
4. Most of the courses, the question paper conforms to syllabus and the standard of the question paper are with in moderate to high level.
5. Marks allotted to each question and each subdivision is given correctly. Question papers are free from spelling / grammatical errors. Marks / Questions are distributed correctly with respect to Blooms category (Remember, Understand, Apply, Analyze, Evaluate, and Create) Appropriate questions are asked in each part of the question paper. Most of the courses, Question paper conforms to the competency / objective of the syllabus.
6. Lab Manuals were maintained properly so that the students were made to do the works assigned. Digitalization is taking place for attendance and course page and course plan. Efforts are on to compensate the classes that were lost due to unavoidable reasons.
7. The system of academic audit is quite robust and the contribution of IQAC and Department faculty in ensuring its smooth implementation is commendable.



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## **INTERNAL QUALITY ASSURANCE CELL**

### **EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: Civil Engineering**

**School: SET**

**Name of the Auditor: Dr. S.T. RAMESH    Date of Audit: 17& 18<sup>th</sup> August 2018**

**Professor, Department of Civil Engineering**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

Total Number of files audited: 92

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

##### **General Comments**

##### **1. Question paper**

- Most of the courses, the question paper conforms to syllabus and the standard of the question paper are with in moderate to high level.
- Marks allotted to each question and each subdivision is given correctly.
- Question papers are free from spelling / grammatical errors
- Marks / Questions are distributed correctly with respect to Blooms category (Remember, Understand, Apply, Analyze, Evaluate, and Create)
- Appropriate questions are asked in each part of the question paper.
- Most of the courses, Question paper conforms to the competency / objective of the syllabus.
- **Overall standard of the question paper through audit: Satisfactory to Good**

##### **2. Answer script**

- In most of the courses, corrections are carried out in a fair manner and the marks awarded are also in unbiased manner.

##### **3. Course file**

Course file contains:

- Teaching plan / schedule
- Self-study report
- Approved teaching plan
- Test Question papers
- Sample answer scripts
- End semester question paper

#### 4. Suggestions for Improvement

- Appropriate questions can be asked in each part/section to enable the student to perform well in the examination.
- Question paper should be answerable by an average student, at the same time some critical thinking type questions can be asked to explore the capability of the top creamy layer students.
- Questions can be asked to differentiate the average, and meritorious students. Each Question Paper consists
  - A1. 60% of questions set, shall be answerable by all students with good preparation
  - A2. 20 % to 30% of questions set, shall be answerable by hardworking students i.e. average students and
  - A3. 10% to 20% of questions set, shall be answerable only by hard working and bright students who refer to all the material available i.e. above average students.
- Case study / application type questions can be asked to explore the skills (practical / application) by the students especially in elective subjects.
- Case study questions can be properly framed with the consideration of syllabus content.
- Questions coverage can be given on additional topics beyond the syllabus content (especially for higher semester subject/electives)
- Blooms taxonomy can be given importance with the level of knowledge.
- Repetition of same / similar taxonomical verbs can be avoided in all type of questions.
- Importance can be given to concept based questions while setting up of question paper.

#### 5. Laboratory

- Laboratory observations may be recorded in separate note book (not in Manual)
- Experimental procedures must be written in passive voice in the laboratory record
- Separate rubrics can be developed for the laboratory assessments
- Observation note / Record note book must be written with significance of the results obtained from the experiments.

#### OVERALL

Course Schedule / Plan	Good
Maintenance of Attendance and Assessment record	Good
Additional Topics Covered	Minimum
Course File	Informative
Quality of Assignment Questions	Good
Standard of Question Paper	Satisfactory
Question Paper Coverage of Syllabus	Satisfactory
Valuation of Answer Papers	Normal

Course outcome attainment	Moderate to High
Follow up of Preventive and Corrective Measures	Minimum
Special Efforts Taken on Slow Learners	Minimum
Exposure to practical environment, experiments etc.	Need to be improved
Course Outcome	Need to be improved
Fixing Target	Need to be improved
Calculation of Attainment Level	Need to be improved

S. T. Ramesh  
External Auditor  
(Dr. S. T. RAMESH)



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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

**Name of the Department: Civil Engineering**

**School: SET**

**Name of the Auditor:**

**Dr. S.T. RAMESH**

**Date of Audit: 17 & 18<sup>th</sup> August 2018**

**Professor, Department of Civil Engineering**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Mr. I. Antony Godwin Assistant Professor	14CE2031	8	8	8	8	8	40
		17CE3043	8	8	9	8	9	42
		14CE2007	8	9	8	9	9	43
2	Mrs. Jemimah Carmichel Assistant Professor (SG)	16EN2006	8	8	8	8	-	32/40
		14CE2031	8.5	8	8	8	8	40.5
		14CE2042	7	7	8	8	7	37
3	Dr. R. Mercy Shanthi Associate Professor	14CE2015	7	8	8	8	-	31
		17CE3024	8	8	8	8	-	32
4	Dr. J. Brema Professor	17CE3058	8	8	8	8	7	39
		14CE3044	8	7	5	5	5	30
		17CE3065	8	8	8	8	7	39



5	Dr. G.PrinceArulraj Professor& Dean - (ET)	14CE2005	9	9	9	8	8	43
6	Ms. Aiswarya S Assistant Professor	16EN2006	7	8	7	8	-	30/40
		14CE2006	9	9	8	8	7	41
7	Mr. S. Vicent Sam Jebadurai Assistant Professor	14CE2030	8	8	8	8	7	39
		14CE2042	8	8	7	8	8	39
8	Dr. N. Anand, Associate Professor	17CE3007	8.5	7.5	7.5	7	8	38.5
9	Mr. Joe Paulson A, Assistant Professor	14CE2030	8.5	8.5	8	8	8	41
		14CE2043	7	7	8	7	8	37
10	Mr. D Samuel Abraham, Assistant Professor	17CE1002	9	9	8	8	9	43
		14CE2005	8	8	8	9	9	42
11	Ms. Anjali A Assistant Professor	17CE1002	9	8	8.5	8	9	42.5
		14CE2011	8.5	8	8	8	9	41.5
		14CE2015	8	8	8	8	8.5	40.5
12	Ms. Aneena Raju Assistant Professor	17CE3041	8.5	8	8.5	8	8.5	41.5
		17CE3038	8	8	8	8	8	40
		17CE1002	8	8	8.5	8	8.5	41
13	Dr. C Gajendran, Associate Professor	17CE3057	8	8.5	8.5	8.5	8.5	42
		14CE2038	8.5	8	8	8.5	8.5	41.5
14	Dr. C Freeda Christy, Associate Professor	16EN2006	8	7	7	8	-	30/40
		14CE2015	8	7	8	7	8	38
15	Dr. G Hemalatha Associate Professor	14CE2029	8	8	8	8	8	40
		17CE3008	8	8	8.5	8	8	40.5
16	Mr. M. G. Rajendran, Adjunct Professor	17CE3005	8	8	8	8.5	-	32.5
		17CE3040	8	8	8	8	-	32

		17CE3009	8	8	8	8	-	32
17	Ms. S. Eunice Assistant Professor	14CE2008	8	8	8	8	8	40
		17CE3054	8	8	8	8	8	40
18	Mrs. S. Nancy Debora Assistant Professor	14CE2031	8	8	8	8	9	41
		14CE2007	8	9	8	9	9	43
19	Mr. E. Arunraj Assistant Professor	14CE2006	8	8.5	8	8	8	40.5
		17CE1002	8	8	8	8	8	40
20	Dr. P.D. Arumairaj, Professor & Head (Civil)	17CE3042	8	8	8	9	8	41
		14CE2007	8	9	8	9	9	43
21	Dr. P. Jejathambal, Professor & Head (WI)	17CE3060	9	9	9	8	8	43
22	Mrs. V. Sheela Assistant Professor	14CE2042	8	8	8	8	7	39
		14CE2014	8	8	8	8	7	39
23	Ms. Jayalin Assistant Professor	14CE2011	8	7	8	8	7	38
		17CE1002 (J section)	8	7	8	7	7	37
		17CE1002 (H section)	8	8	8	8	7	39
24	Mrs. Janaki Raman Assistant Professor	17CE1002 (F section)	9	9	9	9	8	44
		17CE1002 (I section)	8	8	8	8	8	40
		17CE3039	8	8	8	8	7	39
25	Mr. A. Arun Solomon Assistant Professor	17CE1002	8	8	8	8	8	40
		17CE2067	8	8	7	7	7	37
26	Dr. D. Tensing, Professor & Director QAA	17CE3006	9	9	9	9	9	45
		14CE2029	9	9	9	9	8	44

27	Ms. R. Irish Nivitha Assistant Professor	14CE2011	8	8	8	8	7	39
		14CE2005	7	8	7	8	7	37
28	Mrs. K. Prathibaa Assistant Professor	14CE2043	8	7	8	7	8	38
		14CE2014	8	7	8	8	7	38
		17CE1002	8	8	8	7	8	39
29	Mr. V. Venkata Ramesh Reddy Assistant Professor	14CE2008	7	8	8	8	7	38
		17CE3059	8	7.5	8	8	8	39.5

*Shruti Chetty*  
18/08/18  
Course File Co-ordinator

*Mmm*  
HoD

*S.T. Ramesh*  
External Auditor  
(Dr. S.T. RAMESH)

**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory Integrated Theory course**

**Name of the Department:** Civil Engineering                      **School:** SET

**Name of the Auditor:** Dr. S.T. RAMESH      **Date of Audit:** 17 & 18<sup>th</sup> August 2018  
 Professor, Department of Civil Engineering  
 National Institute of Technology  
 Tiruchirappalli – 620 015

S. No	Name of the Faculty with Designation	Subject Code	Blue book	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	Mr. E. Arunraj Assistant Professor	17CE1001	8	8	8	8	32

*E. Arunraj*  
 18/08/18  
 Course File Co-ordinator

*[Signature]*  
 HoD

*S.T. Ramesh*  
 External Auditor  
 (Dr. S.T. RAMESH)

**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department:** Civil Engineering

**School:** SET

**Name of the Auditor:** Dr. S.T. RAMESH

**Date of Audit:** 17 & 18<sup>th</sup> August 2018

Professor, Department of Civil Engineering

National Institute of Technology

Tiruchirappalli – 620 015

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	14CE2017	Dr. R. Mercy Shanthi	8.5	8	8	7.5	32
		Mr. S. Vincent Sam Jebadurai	8.5	8	8	7.5	32
2	14CE2017	Dr. R. Mercy Shanthi	8.5	8.5	8	8	34
		Ms. Jayalin .D	8.5	8.5	8	8	34
3	14CE2017	Mrs. M. Jemimah Carmichel	8	8	7	7	30
		Mr. V. Venkata Ramesh Reddy	8	8	7	7	30
4	14CE2017	Ms. R. Irish Nivitha	8	8	8	8	32
		Ms. S. Eunice	8	8	8	8	32
5	14CE2020	Mr. I. Antony Godwin	8	8	7.5	8	31.5
		Mr. S. Janakiraman	8	8	7.5	8	31.5
6	14CE2020	Mr. E. Arunraj	8	7	8	8	31
		Ms. Aneena Raju	8	7	8	8	31

		Mrs. Nancy Debora	8	7	8	8	31
7	14CE2020	Ms. R. Irish Nivitha	7.5	8	8	8.5	32
		Mrs. Nancy Debora	7.5	8	8	8.5	32
8	14CE2020	Mrs. Nancy Debora	8	8	8	8	32
		Ms.AneenaRaju	8	8	8	8	32
9	14CE2016	Mr. A.Joe Paulson	8	9	9	9	35
		Mrs. V.Sheela	8	9	9	9	35
10	14CE2021	Ms.S.Eunice	8	8	8	8.5	32.5
		Mr. Samuel Abraham	8	8	8	8.5	32.5
11	14CE2021	Dr. C.Gajendran	8	8	8	8	32
		Ms. A. Anjali	8	8	8	8	32
12	14CE2021	Mrs. V.Sheela	8.5	8.5	8	7.5	32.5
		Mr. V. VenkataRamesh Reddy	8.5	8.5	8	7.5	32.5
13	14CE2016	Ms. Aishwarya S	8.5	8.5	8.5	8.5	34
12	14CE2024	Dr. G Hemalatha	8	8.5	8	8.5	33
		Mr. A. Arun Solomon	8	8.5	8	8.5	33
13	14CE2024	Dr. C Freeda Christy	8	8	8.5	8.5	33
		Mr. D Samuel	8	8	8.5	8.5	33
13	14CE2024	Mr. A Joe Paulson	8	8	-	8	24
		Mr. S Vincent Sam Jebadurai	8	8	-	8	24
14	17CE3012	Dr. N. Anand	8	8.5	8.5	8.5	33.5
15	17CE3064	Dr. C.Gajendran	8	-	-	8	16
16	17CE3062	Mr. V. Venkata Ramesh Reddy	8	-	7	7	22
17	17CE3045	Dr. N. Anand	8	8	-	8	24
18	14CE2027	Dr. G. Hemalatha	8	8	8	8	32
		Mr. A.ArunSolomon	8	8	8	8	32
19	14CE2027	Dr. C. Freeda Christy	8	8.5	8	8	32.5
		Mr. D. Samuel Abraham	8	8.5	8	8	32.5
20	14CE2027	Ms. Aishwarya S	8	8	8	8	32
		Mr. S Vincent Sam Jebadurai	8	8	8	8	32

21	14CE2027	Mr. D. Samuel Abraham	8	8	8	8	32
22	14CE2027	Mrs. Prathiba	8	8	7	8	31
		Mr. S. Janaki Raman	8	8	7	8	31
23	14CE2027	Mrs. M. Jemimah Carmichel	8	8	8	9	33
		Mrs. V. Sheela	8	8	8	9	33
24	14CE2021	Ms. S. Eunice	8	9	8	9	34
		Mrs. K. Prathibaa	8	9	8	9	34
25	14CE2023	Mr. I. Antony Godwin	8	-	9	8	25
		Ms. R. Irish Nivitha	8	-	9	8	25
26	14CE2023	Mr. E. Arunraj	7	-	8	9	24
		Ms. Nancy Debora	7	-	8	9	24
27	14CE2023	Ms. Aishwarya S	9	-	9	9	27
		Ms. Jayalin .D	9	-	9	9	27

*Shruti Chetty*  
18/08/18  
Course File Co-ordinator

*M...*  
HoD

*S. T. Ramesh*  
External Auditor  
(Dr. S. T. RAMESH)



## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

**Name of the Department: Mechanical Engineering**

**School: SET**

**Name of the Auditor (1): Dr. M Murugan**

**Date of Audit: 21-08-2018**

**Professor**

**School of Mechanical Engineering,**

**VIT University**

**Vellore - 632014**

**Total Number of files audited: 43**

#### **General comments:**

- The system of academic audit is quite robust and the contribution of IQAC and Department faculty in ensuring its smooth implementation is commendable.
- Many course files contain papers with zero marks. Though we ask Faculty members to keep answer scripts of low, medium and high performing students, it reflects poorly about the program when we show an empty paper in course file.

#### **On Course Outcome**

- The course outcomes need to be formulated carefully. Certain Courses have only one CO (eg. FEM) and for certain courses the CO dent reflect the course content (eg. Mechanics of Solids, mechanics of Fluids, Mechanics of machines)
- CO attainment computation is to be done for lab courses also. This is essential because certain POs can be attained only through lab courses and their attainment can be ascertained only through these course outcomes.
- CO Attainment target for many courses are fixed as 100%, which is synthetic

#### **On Program Outcomes**

- As NBA and NAAC is talking about PSO along with PO, the whole exercise will be complete if we add 2-3 Program Specific Outcomes for each of the programs
- The system of CO – PO mapping is done by faculty members. In many cases the faculty members have attempted to map COs to all 12 POs - which is conceptually wrong. This



problem can be avoided by formulating CO – PO&PSO mapping by a small team of senior faculty at the department level

- CO-PO mapping must be same for courses with same course code

### **On Course Syllabus**

- M. Tech level theory and lab courses need to be designed in such a way that they are substantially at a higher plane than the B. Tech counterparts (eg. Mechatronics and Automation Lab advanced Vibrations Engineering Lab)
- While designing lab courses for M. Tech programs different from
- Mechanics of solids Course is having certain important missing topics. Probably mechanical department can be asked to frame its own syllabus different from Civil Engineering course.

  
External Auditor 21/08/2011



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## **INTERNAL QUALITY ASSURANCE CELL**

### **EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Auditor (2): Dr. S. Thiagarajan                      Date of Audit: 21-08-2018**  
**Professor**  
**School of Mechanical Engineering,**  
**VIT University**  
**Vellore - 632014**

**Total Number of files audited: 33**

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

##### **General:**

1. Detailed workshop can be conducted for the faculty to understand on how to map the various outcomes.

##### **Theory subjects:**

1. Higher Order Thinking skills questions can be introduced in the question paper.
2. Question paper should have atleast one question (either conceptual or numerical) related to real-time applications.
3. Blooms Taxonomy can be used as a guideline for setting the questions.
4. Tutorials be made mandatory and slot allocated in the time table for subjects which are considered highly numeric in content.
5. Separate monitoring and assessing mechanism is required for the slow learners.

**Laboratory Experiments:**

1. Faculty in charge of the lab shall conduct experiments, collect data and do the analysis. Lab manual shall be prepared by him/her.
2. Apart from the list of experiments given in the syllabus, few experiments over and above what has been given should also be incorporated and conducted.

  
**External Auditor**



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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**  
**Marks from External Course File Auditor – Theory**

**Name of the Department: Mechanical Engineering**

**School: SET**

**Name of the Auditor 1: Dr. M Murugan                      Date of Audit: 21-08-2018**  
**Professor, School of Mechanical Engineering**  
**Vellore Institute of Technology**  
**Vellore, (T.N.) - 632014**

**Name of the Auditor 2: Dr. S Thiagarajan**  
**Professor, School of Mechanical Engineering**  
**Vellore Institute of Technology**  
**Vellore, (T.N.) - 632014**

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Mr. M. Wilson Kumar Assistant Professor	17ME3008	9	9	8	9	9	44
		14ME2025	8	8	9	9	9	43
2	Mr. S Emerald Ninolin Assistant Professor	17ME1001	9	8	8	9	9	43
		16ME2011	9	9	8	8	9	43
3	Dr. L Godson Asirvatham Professor & HOD	14ME2015	9	9	8	8	5	39
4	Dr. G Jims John Wessley, Asst. Professor & HOD (Aero)	14ME2015	9	9	8	8	5	39
5	Mrs. Gnanasundari Assistant Professor	14ME2015	9	9	8	8	5	39
6	Mr. Suresh E	17AE3006	9	9	9	9	8	44

	Assistant Professor	14CE2008	9	9	9	9	8	44
7	Dr. K Leo Dev Wins Professor	14ME2005	9	8	8	9	6	40
8	Mrs C Prabha Assistant Professor	14ME2005	9	8	8	9	8	42
		14ME2015	7	8	7	8	0	30
9	Mr. Rajakumar S Assistant Professor	17ME3014	8	8	9	8	9	42
		14ME2026	9	9	9	9	9	45
10	Dr. S Anthony Raja Associate Professor	17ME1001	9	8	8	9	9	43
		14ME2049	9	9	8	8	8	42
11	Mr. S Mohansundaram Assistant Professor	14ME2002	9	8	8	8	9	42
		14CE2025	8	8	7	7	9	39
12	Mr. Ajay Vasanth X Assistant Professor	14CE3006	8	8	7	8	8	39
		14CE2002	8	8	7	8	9	40
13	Mr. P Ramkumar Assistant Professor	17ME1001	9	8	8	9	9	43
14	Mrs Mona Sahu Assistant Professor	14CE2002	8	8	8	8	9	41
		14ME2025	6	6	6	8	0	26
15	Mr K Prabhu Assistant Professor	14ME2035	8	9	9	8	8	42
		14ME2038	8	8	8	8	8	40
16	Dr. A Brusly Solomon Associate Professor	17ME1001	9	8	8	8	9	42
		16ME2011	9	9	8	8	9	43
17	Mr. J. Benny Raj Assistant Professor	17ME1001	9	8	9	9	8	43
		17ME3031	8	9	8	8	7	40
18	Mr. S Rajesh Ruban Assistant Professor	17ME1001	9	8	8	9	9	43
		14ME2035	8	9	9	8	8	42
19	Mr. B. Jefferson Raja Bose Assistant Professor	16ME2011	9	9	9	9	9	45
20	Mr. D. Emmanuel Sam Franklin Assistant Professor	14CE3006	8	8	7	8	8	39
		14ME2028	8	8	7	7	7	37

21	Dr. P Sam Paul Professor	17ME3003	9	9	8	8	9	43
22	Dr. G PrabhuRubesh Assistant Professor	14ME2025	8	8	8	8	9	41
23	Mr. I Kantharaj Assistant Professor	14ME2045	8	9	7	9	8	41
		14ME2005	9	8	7	8	7	39
24	Dr. D. Philip Selvaraj, Assistant Professor	17ME3026	8	7	8	7	8	38
25	Dr. Sabitha Janet Assistant Professor	14ME2005	7	7	7	8	7	36
		17ME3018	7	7	7	8	7	36
26	Mr. M. Suresh Assistant professor	14ME2017	8	7	7	8	7	37
27	Dr. G. Babu Rao Assistant Professor	14ME2042	6	5	6	8	6	31
		14ME2026	8	7	7	8	8	38
28	Mr. S. Joseph John Marshal Assistant Professor	17ME3033	8	7	8	7	8	38
		14CE2003	7	8	8	7	8	38
29	Dr. R. Raja Assistant professor	14ME2045	8	8	8	8	8	40
		17ME3019	9	9	9	9	9	45
30	Dr. C.P. Jawahar Associate Professor	17ME3032	8	7	7	7	7	36
		16ME2011	9	9	8	6	8	40
31	Mr. Allen Verughese Assistant professor	17ME1001	5	4	6	7	6	28
		14ME2015	7	8	7	8	0	30
32	Dr. Titus Thankachan Assistant Professor	17ME3017	8	6	8	8	6	36
33	Mr. G. Lawrance Assistant Professor	14CE3006	8	8	7	9	7	39
34	Mr. Lijin George Assistant professor	14CE2003	8	7	7	9	7	38
		14ME2026	8	8	7	7	8	38
35	Dr. D.S.Robinson Smart, Professor	14ME2028	8	8	7	9	8	40
36	Mr. G. Ganesan Associate Professor	14ME2026	7	7	6	7	7	34
		17ME3006	8	9	7	8	8	40
37	Mr. P. Jeyaseelan Assistant Professor	14ME2028	7	8	6	7	7	35

38	Mr. K. Balasubramanian Assistant professor	14CE2002	8	7	9	9	8	41
		14ME2028	9	8	7	9	7	40
39	Mr. E. Daniel Assistant Professor	17ME1001	7	5	7	7	6	32
		14CE3006	6	6	7	6	7	32
40	Dr. T. V. Christy Professor	17ME3028	9	8	9	8	8	42
41	Mr. D. S. Ebenezer Jacob Dhas Assistant Professor	14ME2045	8	7	7	8	7	37
42	Dr. S J Vijay Associate Professor	14ME2045	8	8	8	8	5	37

  
Course File Co-ordinator

  
HoD

  
External Auditor (1)

  
External Auditor (2)

M. MURUGAN  
PROF, SMEL  
VLT, VELLURE.



**Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES**

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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Mechanical Engineering**

**School: SET**

**Name of the Auditor(1): Dr. M. Murugan**

**Date of Audit: 21-08-2018**

**Professor**

**School of Mechanical Engineering**

**Vellore Institute of Technology**

**Vellore – 632014**

**Name of the Auditor (2): Dr. S. Thiagarajan**

**Professor**

**School of Mechanical Engineering,**

**Vellore Institute of Technology**

**Vellore – 632014**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
	15ME2001	Mr. P. Jayaseelan	9	8	-	7	24/30
		Dr. G. Ganesh	9	8	-	7	24/30
		Mr. M. Suresh	9	8	-	7	24/30
		Mr. P. Ramkumar	9	8	-	7	24/30
		Mr. S. Rajesh Ruban	9	8	-	7	24/30
		Mr. C. Lawrence	9	8	-	7	24/30
		Dr. SabithaJannet	9	8	-	7	24/30
		Mr. C. Lawrence	9	8	-	7	24/30
		Mr. P. Jayaseelan	9	8	-	7	24/30




		Mr. P. Ramkumar	9	8	-	7	24/30
2	16CE2004	Mr. E. Suresh	9	8	-	6	23/30
		Mr. PrabhuRubesh	9	8	-	6	23/30
		Mrs. Gnanasundari	9	8	-	6	23/30
		Mr. Joseph John Marshal	9	8	-	6	23/30
		Mrs. Sabita Janet	9	8	-	6	23/30
		Mr. Anthuvan Stephen	9	8	-	6	23/30
		Mr. M. Suresh	9	8	-	6	23/30
3	16CE2004	Mr. Ramkumar	9	9	-	9	27/30
		Dr. Babu Rao	9	9	-	9	27/30
		Mr. Balasubramanian	9	9	-	9	27/30
		Mr. Lawrence	9	9	-	9	27/30
		Mr. Jayaseelan	9	9	-	9	27/30
		Mr. Mohanasundaram	9	9	-	9	27/30
		Mr. Lijin George	9	9	-	9	27/30
4	14ME2031	Dr. S. Vijay	9	8	-	8	25/30
		Mr. M. Wilson Kumar	9	8	-	8	25/30
		Dr. G. Ganesan	9	8	-	8	25/30
		Dr. D.S. Ebenezer Jacob Dhas	9	8	-	8	25/30
		Mr. X. Ajay Vasanth	9	8	-	8	25/30
		Mr. E. Daniel	9	8	-	8	25/30
		Mr. S. MohanaSundaram	9	8	-	8	25/30
		Mr. G. PrabhuRubesh	9	8	-	8	25/30
5	17ME3041	Mr. Lijin Gorge	8	8	-	8	24/30
6	17ME3042	Mr. B. Jefferson Raja Bose	9	8	-	8	25/30
7	17ME3039	Dr. P. Sam Paul	9	8	-	9	26/30
8	17ME3043	Mr. I.Kantharaj	9	8	-	8	25/30

9	16ME2010	Mrs. C. Praba	9	8	9	8	34
		Dr. Philip Selvaraj	9	8	9	8	34
		Mr. S. Joseph John Marshal	9	8	9	8	34
		Mr. E. Suresh	9	8	9	8	34
		Mr. B. Jefferson	9	8	9	8	34
		Dr. S. Antony Raja	9	8	9	8	34
		Dr. C.P. Jawahar	9	8	9	8	34
		Mr. S. Benny Raj	9	8	9	8	34
		Dr. Philip Selva Raja	9	8	9	8	34
		Dr. S. Antony Raja	9	8	9	8	34
		Dr. Philip Selvaraj	9	8	9	8	34
		Mr. S. Emerald	9	8	9	8	34
		Mr. A.Brushy Solomon	9	8	9	8	34
		Mr. S. Emerald Ninolin	9	8	9	8	34
10	17ME1002	Dr. SabithaJannet	9	-	9	9	27/30
		Mrs. Mona	9	-	9	9	27/30
		Mr. Prabhu	9	-	9	9	27/30
		Dr. Philip Selvaraj	9	-	9	9	27/30
		Mr. S. Benny Raj	9	-	9	9	27/30
		Dr. D.S. Ebenezer Jacob Dhas	9	-	9	9	27/30
		Mr. Ramkumar	9	-	9	9	27/30
		Mr. E. Daniel	9	-	9	9	27/30
		Mr. Allen Verghese	9	-	9	9	27/30
		Dr. Leo	9	-	9	9	27/30
		Dr. Titus	9	-	9	9	27/30
		Mrs. K. Gnanasundari	9	-	9	9	27/30
		Mrs. C. Prabha	9	-	9	9	27/30

		Dr. G. Babu Rao	9	-	9	9	27/30
		Mrs. Mona	9	-	9	9	27/30
		Mr. Lawrence	9	-	9	9	27/30
		Mr. M. Wilson Kumar	9	-	9	9	27/30
		Mr.M. Suresh	9	-	9	9	27/30
		Mr. Prabhu	9	-	9	9	27/30
		Dr. Titus	9	-	9	9	27/30
11	17ME1003	Dr. R. Raja	9	9	-	9	27/30
		Dr. G. Babu Rao	9	9	-	9	27/30
		Mr. S. Joseph John Marshal	9	9	-	9	27/30
		Mr. S. Emerald	9	9	-	9	27/30
		Mr. Allen Verghese	9	9	-	9	27/30
		Mrs. C. Prabha	9	9	-	9	27/30

  
Course File Co-ordinator

  
HoD

  
External Auditor -1

  
External Auditor - 2

M. MURUGAN  
PROF., SMEC  
VIT VELLORE

S. Thiagarajan  
Prof. SMEC  
VIT, Vellore



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**INTERNAL QUALITY ASSURANCE CELL  
EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Aerospace Engineering**

**School: SET**

**Name of the Auditor:**

**Dr. K Panneerselvam**

**Date of Audit: 22 August 2018**

**Associate Professor, Department of Production Engineering**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

**Total Number of files audited: 22**

**General comments:**

- The system of academic audit is quite robust and faculties have made sure that course files were properly aligned with the prescribed format.
- The Weightage of different exams (Such as internal test, QA etc.) can be provided along with the student marks downloaded from eduserve.
- 10 percentage of students may be provided with ‘O’ grade to have a fairer distribution of grades amongst students.
- The title of internal assessment report may be reviewed.

**On Course Outcome**

- CO for Quality assessment may be included
- More documentation is required when it comes to CO mapping

**External Auditor**



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor – Theory

Name of the Department: Aerospace Engineering

School: SET

Name of the Auditor: Dr. K Panneerselvam

Date of Audit: 22 August 2018

Associate Professor, Department of Production Engineering

National Institute of Technology

Tiruchirappalli – 620 015

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Ms.Musica S R Assitant Professor	14AE2027	9	9	9	9	9	45
2	Mr. A Daniel Antony Assistant Professor	16AE2006	9	9	9	9	8	44
		14AE2006	9	8	8	9	5	39
		16AE2006	9	9	9	9	7	43
3	Mrs. R Gayathri Assistant Professor	16ME2011	9	9	9	9	9	45
		16ME2011	9	9	9	9	8	44
4	Mr. Kalakanda Alfred Sunny Assistant Professor	14AE2026	9	9	9	8	8	43
		15AE3009	9	9	9	9	8	44
		15AE3009	9	9	9	9	7	43
5	Dr. Aldin Justin Assistant Professor	14AE2022	9	9	9	9	8	44
		14AE2022	9	9	9	9	7	43
6	Dr. Ram Krishan Sharma Professor	14AE2016	9	9	9	9	8	44

7	Mr. Prashant Kumar Assistant Professor	14AE2019	9	9	9	9	8	44
		14AE2014	9	9	9	9	8	44
8	Ms. S Parameshwari Assistant Professor	14AE2004	9	9	9	9	7	43
9	Mr. Gopalsamy M	14ME2039	9	9	9	9	7	43
		16AE2002	9	9	9	9	7	43
10	Dr. Pradeep Kumar	14AE2019	9	9	9	9	7	43

  
Course File Co-ordinator

  
HoD

  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Aerospace Engineering**

**School: SET**

**Name of the Auditor: Dr. K Panneerselvam**

**Date of Audit: 22 August 2018**

**Associate Professor, Department of Production Engineering  
National Institute of Technology  
Tiruchirappalli – 620 015**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1.	14ME2020	Dr. G Jims John Wesley	9	9	9	9	36
		Dr. Ram Krishan Sharma	9	9	9	9	36
2.	14AE2020	Dr. Aldin Justin	9	9	9	9	36
		Mr. Prashant Kumar	9	9	9	9	36
3.	14AE2024	Mr. Gopalsamy M	9	9	9	9	36
		Dr. Aldin Justin	9	9	9	9	36
		Mr. Daniel Antony	9	9	9	9	36
4	14AE2009	Mr. Prashant Kumar	9	9	9	9	36
		Ms. S Parameshwari	9	9	9	9	36

  
Course File Co-ordinator

  
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## EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

### Remarks of External Course File Auditor

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

**School: SET**

**Date of Audit: 16.8.2018 and 17.8.2018**

**Auditor Details:** Dr. Geetha Mary .A.,  
Associate Professor,  
School of Computer Science and Engineering,  
Vellore Institute of Technology, Vellore.

The overall feedback could be stated as satisfactory. A summary of the audit was given under 3 subdivisions.

#### 1. Areas of excellence

- Detailed Evaluation procedure for quality assessment was mentioned.
- Action taken for failures were stated.
- Grade analysis graph was generated.

#### 2. My observation of the course files

- Topics covered (as mentioned in software) is not correlating with teaching plan (mentioned through excel). Faculty members lack clarity in configuring the number of sessions.
- Topics completion summary was inappropriate, since in most of the course files the summary was provided as few topics of syllabus was not taught, which implies full syllabus was not covered by the faculty. For instance, in topics completion report of 14CS2007, handled by Mr.S.E.VinothEwards, it is mentioned as only 26 topics was covered out 51, which is unacceptable. If the University was not functioning for few days, then those days should be removed from the teaching plan and faculties should be provided options to edit the topics in the software.

#### 3. Areas of improvement

- Day wise topic coverage was declared in system generated ‘topics covering details’ and ‘teaching plan’, which is redundant.
- Answer keys of internal assessment tests can be provided.
- If more than one faculty member is teaching a course, then minutes of the meeting is necessary to document the discussion of topics for internal assessment 1, 2 and 3.



- Only few faculties have substantiated with support documents for action taken for failures.
- Feedbacks from students have to be collected for each course and faculty. Faculty's response for the feedbacks should be remarked.
- Course outcomes for lab courses can also be defined and attainment can be measured.
- I recommend adding lab exercise questions in course files.
- If e-record is followed then uploads of students for each exercises can be filed as sample copies.

  
Dr. Geetha Mary .A.



## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department: Computer Science and Engineering

School: SET

Name of the Auditor: Dr. Geetha Mary .A.

Date of Audit: 16.8.2018 and 17.8.2018

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	A.KethsyPrabavathy Assistant Professor	14EC2009	8	8	10	10	8	44
		14CS2034	9	9	9	9	9	45
2	Dr. G. Edwin Prem Kumar Assistant Professor	17CS3014	10	9	10	9	10	48
		17CS1001	8	9	9	9	9	44
3	Mrs.S.JebaPriya Assistant Professor	14CS2034	10	8	9	8	9	44
4	Dr.M. RoshniThanka Assistant Professor	14CS2038	10	9	10	9	9	47
		14CS2040	9	9	9	9	9	45
5	Mr. D. Shibin Assistant Professor	17CS1001	9	10	10	9	9	47
		14CS2050	8	9	8	8	7	40
6	Mr.Belfin.R.V. Assistant Professor	17CS1001	10	9	10	7	9	45
7	Mr.E.Bijolin Edwin Assistant Professor	14CS3057	9	8	9	9	9	44
		14CS2042	8	9	10	8	9	44
8	Mr.A.Alfred Raja Melvin Assistant Professor	17CS3029	10	8	10	8	8	44
		14CS2050	8	9	9	9	7	42
9	Dr.S.Salaja Associate Professor	14CS2038	9	9	10	8	9	45
10	Mrs. P. GetziJeba Assistant Professor	17CS3019	10	8	9	9	9	45
11	Dr.Shamila Ebenezer Assistant Professor	17CS2069	9	10	10	10	9	48
12	Ms.Rose Rani John Assistant Professor	14CS2038	10	9	9	9	0	37
		14CS2040	7	10	10	8	0	35
13	Mr.J.Sebastian Terence Assistant Professor	16CS2001	9	8	9	9	8	43
		14CS2040	8	8	9	9	8	42
14	Mrs.T.Mathu Assistant Professor	14CS2038	9	9	9	9	7	43

15	Ms.I.DevaPriya Assistant Professor	14CS2050	8	8	8	10	8	42
16	Mrs. J. Rex Fiona Assistant Professor	14CS2048	9	8	8	8	8	41
		14CS2042	9	9	8	9	9	44
17	Dr.E.Grace Mary Kanaga Associate Professor	14CS2045	9	9	9	8	8	43
18	Mr.A.FelixArokya Jose Assistant Professor	17CS2068	8	10	8	8	8	42
		14CS2035	9	10	10	9	9	47
19	Mr.P.Karthikeyan Assistant Professor	15CS3005	8	8	9	9	8	42
		14CS2045	8	9	9	8	8	42
20	Dr. K. Ramalaksmi Assistant Professor	14CS2045	8	8	8	6	8	38
		14CS2038	8	9	7	6	8	38
21	Mr. Bright Gee Varghese Assistant Professor	14CS2040	8	8	8	7	8	39
		14CS2035	9	10	9	9	8	45
22	Mrs. Akila Agnes Assistant Professor	14CS2035	7	9	9	7	8	40
		14CS2009	9	9	9	8	9	44
23	Mr. Sudhakar Assistant Professor	14CS2045	8	8	8	8	8	40
24	Dr. R. Venkatesan Assistant Professor	14CS2005	7	8	8	6	8	37
		14CS2038	8	9	7	7	9	40
25	Mrs. Priyadharsini. C Assistant Professor	14EC2009	9	9	9	9	9	45
26	Mr. IwinThanakumar Assistant Professor	14EC2009	8	9	9	8	8	42
		14CS3057	9	9	9	9	3	39
27	Dr. Immanuel John Raja Associate Prof.	14CS2007	9	9	9	9	9	45
28	Mrs.Rexie (Asst. Prof.), Mr. Karunakaran (Asst. Prof.),Mrs. T. Mathu (Asst. Prof.)	14CS2001	7	10	10	9	8	43
29	Dr.Dinesh Peter (Assoc. Professor), Dr. G. Naveen Sundar(Asst. Professor), Mr.John Livingston(Asst. Prof.)	14CS2001	9	9	8	9	9	44
30	Dr. Kumudha Raimond Associate Professor	17CS3013	9	10	10	9	9	47
31	Dr. D. Sujitha Juliet Assistant Professor	14CS3037	9	10	9	10	9	47
32	Mr. Karunakaran Assistant Professor	17CS3012	9	9	9	9	9	45
33	Dr. J. Anitha Assistant Professor	14CS2034	9	9	9	8	9	44
34	Mrs. Anitha Christy Assistant Professor	14CS2042	9	9	9	9	9	45
35	Mrs. S. DeepaKanmani Assistant Professor	14CS2045	9	9	9	9	9	45
		14EC2009	9	9	10	9	9	46

36	Mrs. Margret Johnson Assistant Professor	14CS2007	9	9	8	9	9	44
		14CS3011	9	7	8	8	7	39
37	Mr. B.L. Radha Krishnan Assistant Professor	14CS2044	8	9	8	9	9	43
38	Dr.G.NaveenSundar Assistant Professor	14CS2034	8	9	9	9	9	44
39	Mrs.D.Narmadha Assistant Professor	14CS2009	7	9	9	9	9	43
		14CS2034	8	9	9	8	10	44
40	Ms.A.Diana Assistant Professor	17CS3001	8	9	9	8	8	42
		14CS2005	7	9	8	9	7	40
41	Mr.J.Andrew Assistant Professor	14CS2050	8	9	9	8	8	40
		14CS2035	8	9	9	9	6	41
42	Dr.G.Jasper W Kathrine Assistant Professor	17CS3022	7	9	9	9	7	41
43	Mrs.Esther Daniel Assistant Professor	14CS2065	8	9	9	9	9	44
		14CS2050	9	9	9	9	9	45
44	Mr.J.JemimaJebaseeli Assistant Professor	14CS2042	9	9	9	9	9	45
45	Mr.John Livingston Assistant Professor	14CS2004	10	10	8	9	9	46
46	Mrs.Seetha Assistant Professor	14CS2009	9	9	9	9	9	45
47	Mr.S.Basil Xavier Assistant Professor	14CS2030	8	8	9	9	7	41
		16CS2001	9	9	8	8	8	42
48	Mr.S.E..VinodhEwards Assistant Professor	14CS2007	9	8	9	9	7	42
49	Mrs.M.Mythili Assistant Professor	14CS2056	9	9	9	7	9	43
		14CS2050	9	9	9	7	8	42
50	Mr. Arul Xavier Assistant Professor	14CS2040	7	9	9	9	9	43
		14CS2038	8	9	9	8	9	43
51	Dr.E.Kirubakaran, Professor &HoD	17CS3024	8	7	9	9	6	39

  
Course File Co-ordinator

  
HoD

  
External Auditor



**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 2017-18**

**Marks from External Course File Auditor – Laboratory**

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

**School: SET**

**Name of the Auditor: Dr. Geetha Mary .A.**

**Date of Audit: 16.8.2018 and 17.8.2018**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	14CS2026	Mrs. Anitha Christy	9	8	8	8	33
		Dr. J. Anitha	9	8	8	8	33
		Mr. V. M. Arul Xavier	9	8	8	8	33
2	14CS2026	Ms. Rose Rani John	9	7	8	9	33
		Mr. J. Sebastin Terrance	9	7	8	9	33
		Mrs. Jemima Jebaseeli	9	7	8	9	33
3	14CS2026	Dr. Roshni Thanka	9	9	9	9	36
		Mr. Bright Gee Varghese	9	9	9	9	36
		Mrs. Akila Agnes	9	9	9	9	36
4	14CS2026	Mrs. Mythily	9	8	8	9	34
		Dr. V. Jeyakrishnan	9	8	8	9	34
		Mr. J. Sebastian Terrance	9	8	8	9	34
5	14CS2026	Mr. Bright Gee Varghese	7	8	9	9	33
		Dr. J. Anitha	7	8	9	9	33
		Mr. R. V. Belfin	7	8	9	9	33
6	14CS2033	Mrs. GetziJeba	6	8	9	9	32
		Mrs. Anitha Christy	6	8	9	9	32
		Mrs. Priyadarshini	6	8	9	9	32
7	14CS2033	Mrs. GetziJebaLeeliPushpam	9	9	9	9	36
		Mrs. Seetha	9	9	9	9	36
		Mrs. Margret Johnson	9	9	9	9	36
8	14CS2033	Mrs. Devapriya	9	9	9	9	36
		Mrs. Durga	9	9	9	9	36
		Mr. Sudhakar	9	9	9	9	36

9	14CS2033	Mrs. Durga	8	9	9	9	35
		Mrs. Seetha	8	9	9	9	35
		Dr. Immanuel John Raja	8	9	9	9	35
10	14CS2033	Mrs. Adlin	9	9	9	9	36
		Mrs. Margret Johnson	9	9	9	9	36
		Mr. Sudhakar	9	9	9	9	36
11	14CS2049	Mr. Andrew	9	8	9	9	35
		Mr. John Livingston	9	8	9	9	35
		Mr. B. L. Radhakrishnan	9	8	9	9	35
12	14CS2049	Mr. Shibin	9	8	0	9	26
		Mrs. Narmadha	9	8	0	9	26
		Mr. Radhakrishnan	9	8	0	9	26
13	14CS2049	Mr. Alfred Raja Melvin	9	8	9	9	35
		Dr.G. EdwinPrem Kumar	9	8	9	9	35
		Mrs. Esther Daniel	9	8	9	9	35
14	14CS2049	Mr.B.L.Radhakrishnan	9	8	0	9	26
		Mr. Alfred Raja Melvin	9	8	0	9	26
		Ms. I.DevaPriya	9	8	0	9	26
15	14CS2049	Mrs. M. Mythily	9	8	6	9	32
		Mr. Jeban	9	8	6	9	32
		Mr. Andrew	9	8	6	9	32
16	14CS2049	Mrs. Devapriya	9	8	9	9	35
		Mrs. Esther Daniel	9	8	9	9	35
		Mr. Radhakrishnan	9	8	9	9	35
17	14CS2003	Mrs. A. KethsyPrabavathy	9	8	9	9	35
		Mrs. Anitha Christy	9	8	9	9	35
		Dr. G.NaveenSundar	9	8	9	9	35
18	14CS2003	Mrs. Jebapriya	0	9	0	9	18
		Mr. Sudhakar	0	9	0	9	18
		Mrs. Jemima	0	9	0	9	18
19	14CS2003	Mrs. Narmadha	9	9	9	9	36
		Mr. Bijolin	9	9	9	9	36
		Mrs. Jemima	9	9	9	9	36
20	14CS2003	Dr. J. Anitha	9	8	9	9	35
		Mrs. Akila	9	8	9	9	35
		Mr. Bijolin	9	8	9	9	35
21	14CS2003	Dr. G. NaveenSundar	8	9	9	9	35
		Mr. A. FelixArokya Jose	8	9	9	9	35
		Mr. Basil Xavier	8	9	9	9	35
22	14CS2046	Dr. E.Grace Mary Kanaga	9	8	9	9	35

		Dr. K. Ramalakshmi	9	8	9	9	35
		Dr. S.Salaja	9	8	9	9	35
23	14CS2046	Mrs. J.A.M.Rexie	9	8	9	9	35
		Mr. Jeban	9	8	9	9	35
		Mrs. Mathu	9	8	9	9	35
24	14CS2046	Dr. K. Ramalakshmi	9	8	9	9	35
		Mrs. Akila Agnes	9	8	9	9	35
		Mrs. DeepaKanmani	9	8	9	9	35
25	14CS2046	Ms. Rose Rani John	9	8	8	9	34
		Mrs. DeepaKanmani	9	8	8	9	34
		Mr. A. FelixArokya Jose	9	8	8	9	34
26	14CS2046	Mrs. J.A.M.Rexie	9	9	9	9	36
		Dr. RoshniThanka	9	9	9	9	36
		Mr. Jeban	9	9	9	9	36
27	14CS2046	Dr. Venkatesan	7	8	9	9	32
		Dr. E. Grace	7	8	9	9	32
		Mr. Karthikeyan	7	8	9	9	32
28	15CS3006	Mr.Karthikeyan	9	8	9	9	35
29	17CS3027	Dr.Jaspwer W Kathrine	9	9	9	9	36
30	14CS3025	Mrs.Seetha	8	9	9	9	35
31	14CS2069	Mr.J.Sebastian Terrance	9	9	9	9	36
32	17CS3011	Mrs.C.Priyadarsini	9	9	9	9	36
33	17CS3028	Mrs.P.GetziJeba	9	9	9	9	36
34	17CS3008	Ms.A.Diana	8	9	9	9	35
35	17CS393	Dr.S.Salaja	9	0	9	9	27
		Dr.J.Dinesh Peter					
36	17CS1002	Dr.EdwinPrem Kumar	9	9	9	9	36
		Mr.Rex Fiona	9	9	9	9	36
		Mr.Karunakaran	9	9	9	9	36
		Dr.Pon Mary	9	9	9	9	36
37	17CS1002	Mr.D. Shibin	9	9	9	9	36
		Mr.V.M.Arul Xavier	9	9	9	9	36
		Dr.Anita Sofia	9	9	9	9	36
		Dr.Beulah	9	9	9	9	36

  
Course File Co-ordinator

  
HoD

  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

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

**School: SET**

**Name of the Auditor: Dr. S. SENTHIL KUMAR**

**Date of Audit: 16-08-2018**

**Associate Professor**

**Department of EEE,**

**National Institute of Technology,**

**Tiruchirappalli**

**Total Number of files audited: 50**

#### Comments/ Suggestions given by External Course File Auditor during Auditing

1. Course outcomes can be fine-tuned for many courses based on the blooms taxonomy.
2. For many courses: Target and attainments can be verified.
3. Percentage of target may be fixed based the course outcomes and the attainments may not be more than the targets.
4. S grade may be restricted to less than 10% of the class strength.
5. In the semester examination question paper, compulsory question may be projected by case study in any one of the applications / design problems.
6. In the assignments diversified applications can be projected and it can be analysed/ validated through experimentation (Hardware) / simulations.

External Auditor





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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

<b>Name of the Department</b>	<b>Electronics and Communication Engineering</b>
<b>School</b>	<b>Engineering and Technology</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> Associate Professor, Department of Embedded Systems, School of Electronics Engineering, Vellore Institute of Technology, Vellore – 632014.
<b>Date of Audit</b>	<b>15-09-2018</b>

**Total Number of files audited: 28**

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

1. For end Semester question paper, adding unit's contribution to the questions may be good along with CO's.
2. Please find a suitable text book at least later than 2010 for the courses offered. Books before 2010 can be added as reference books for convenience.
3. Evaluated answer sheets submitted for auditing should contain the reasons for reducing the marks for max. Marks.
4. For 17EC1001, level of syllabus in unit IV and unit V are too advanced for a 1<sup>st</sup> year student. Unit 1-3 can be expanded to 1-5. Prefer syllabus revision.
5. Many courses with wireless communications are repeated.
6. A double review of QP is required (self and HOD).

  
**External Auditor**

**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**  
**Marks from External Course File Auditor– Theory**

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

**School: SET**

**Name of the Auditor: Dr. S. SENTHIL KUMAR**

**Date of Audit: 16-08-2018**

**Associate Professor**

**Department of EEE, National Institute of Technology,  
 Tiruchirappalli**


S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Mrs. J.Jeevitha, Assistant Professor	14EE2004	9	10	10	9	7	45
		14EC2021	10	9	9	8	8	44
2	Mr. Shajin Prince, Assistant Professor	14EC2014	10	10	9	10	7	46
		16MT2004	10	9	9	8	8	44
3	Mrs. M.A.P. Manimekalai, Assistant Professor	14EC2006	10	10	8	9	8	45
		14EC2012	10	8	9	9	8	44
4	Dr. T. Anita Jones, Assistant Professor	14EC2021	10	10	9	9	8	46
5	Mrs. T. Mary Neebha, Assistant Professor	14EC2020	10	9	9	9	7	44
6	Mrs. C.Suganthi Evangeline, Assistant Professor	14EC2009	10	9	9	9	8	45
7	Mr. H. Victor Du John, Assistant Professor	14EC2009	10	9	9	9	7	44

8	Mrs. G. Shine Let, Assistant Professor	14CE2012	10	8	8	8	7	41
		14EC2038	10	8	8	8	7	41
9	Dr. M.Nesasudha, Associate Professor	17EC3027	10	8	9	9	8	44
10	Mr. R S SuriaVel Rao, Assistant Professor	14EC2049	10	9	8	8	8	43
		17EC3008	10	9	9	9	8	45
11	Mr. J. Jenkin Winston, Assistant Professor	14EC2020	10	9	9	9	8	45
12	Mr. J.John Paul, Assistant Professor	16EC2002	10	9	10	10	8	47
13	Dr. G. Manoj, Assistant Professor	17EC1001	10	9	9	9	8	45
14	Dr. Siva Mangai, Associate Professor	17EC3038	10	10	9	9	8	46
15	Dr. D. Jude Hemananth, Associate Professor	17EC3009	9	7	8	8	6	38
		17EC1001	10	9	8	7	7	41
16	Mrs. R. Catherine Joy, Assistant Professor	17EC3007	10	9	9	8	8	44
		14EC2021	10	9	8	8	7	42
17	Dr. J. Anitha, Associate Professor	17EC2072	10	9	8	8	8	43
18	Mrs. D. Jasmin David, Assistant Professor	14EC2021	10	9	9	9	9	46
19	Mr. A. Amir Anton Jone, Assistant Professor	14EE2004	10	9	8	8	6	43
20	Mr. S. Immanuel Alex Pandian, Assistant Professor	14EC2006	10	10	9	8	7	44
21	Dr. D. Nirmal, Associate Professor	17EC3037	10	9	9	8	6	42
		14EC1001	10	8	8	7	7	40
22	Dr. D.J. Jegannath, Assistant Professor	14EC2037	10	9	9	8	7	43
23	Mr. K. Martin Sagayam, Assistant Professor	14CE2042	10	9	9	8	7	43

24	Mr. S. Merlin Gilbert Raj, Assistant Professor	14CE2016	10	9	9	8	7	43
		14EC2020	10	9	8	8	7	42
25	Mrs. A.DianaAndrushia, Assistant Professor	17EC1001	10	9	9	8	8	44
		14EC2014	10	9	9	8	8	44
26	Dr. Grace JencyGnanammal,	14EC2006	10	9	8	8	9	44
27	Mrs. P. MalinBruntha, Assistant Professor	14EC2006	10	9	8	8	8	43
		14EC2012	10	8	8	7	7	40
28	Dr. ShanthiniPandiaraj, Assistant Professor	14EC2009	10	9	9	8	8	44
29	Dr. Thomas George, Associate Professor	14EI2005	10	9	8	7	8	42
30	Mr. A.S. Augustin Fletcher, Assistant Professor	17EC1001	10	9	8	7	7	41
31	Dr. D. JacklineMoni, Professor	17EC3036	10	8	8	7	7	40
32	Mrs. S.SrideviSathyaPriya, Assistant Professor	14EC3039	10	9	7	7	7	40
33	Mr. S. Dhanasekar, Assistant Professor	17EC1001	10	9	7	7	7	40
		14EC2014	10	8	8	7	8	41
34	Ms. I.Thusnavis Bella Mary, Assistant Professor	14EC2009	10	8	8	8	7	41

  
Course File Co-ordinator

  
HoD

  
External Auditor



**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

<b>Name of the Department</b>	<b>Electronics and Communication Engineering</b>
<b>School</b>	<b>Engineering and Technology</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> Associate Professor, Department of Embedded Systems, School of Electronics Engineering, Vellore Institute of Technology, Vellore – 632014.
<b>Date of Audit</b>	<b>15-09-2018</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Mr. D. Sugumar Assistant Professor	17EC3006	9	10	10	8	9	46
		14EC2014	9	9	9	8	9	44
2	Dr. J. Anitha Associate Professor	17EC3018	9	8	5	9	10	41
3	Mr. J. Samson Immanuel Assistant Professor	17EC1001	10	10	7	8	10	45
4	Mr. S. James Raja Assistant Professor	14EC2012	9	10	9	10	4	42
		14EC2004	9	9	9	5	5	37
5	Dr. RoopaJayasingh Assistant Professor	14EC2058	9	10	8	10	10	47
6	Ms. C. Suganthi Evangeline Assistant Professor	14EC2030	9	9	7	10	7	39
7	Mr. J. Jenkin Winston Assistant Professor	14EC2044	9	9	6	7	8	39

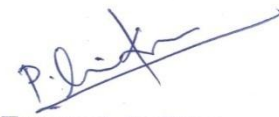
8	Dr. S. Shylu Sam Associate Professor	14EC2067	9	9	9	9	5	41
9	Mr. K. Martin Sagayam Assistant Professor	14EC2065	9	9	9	8	10	45
10	Dr. G. JoseminBala Professor	16EC2003	8	9	9	9	10	45
		14EC2038	9	9	9	5	9	41
11	Mr. Alfred Kirubaraj Assistant Professor	14EC2016	9	10	9	10	9	47
		17EC1001	9	9	9	5	9	41
12	Dr. N.M. Siva Mangai Associate Professor	14EC2072	9	9	9	9	8	44
13	Mrs. T. Mary Neebha Assistant Professor	14EC2016	9	9	9	9	8	44
14	Dr. D. Raveena Judie Dolly Assistant Professor	14EC20169	9	9	9	9	9	45
15	Dr. NesaSudha Associate Professor	14EC2009	9	9	9	9	8	44
16	Mr. John Paul Assistant Professor	14EC2009	9	9	9	9	5	41
17	Mrs. S. Radha Assistant Professor	14EI2005	9	9	9	9	9	45
		17EC1001	9	9	9	9	5	40
18	Dr. D. NarainPonraj Assistant Professor	17EC1001	9	9	8	9	9	44
19	Dr. SrideviSathyaPriya Asst. Professor	14EI2005	9	9	9	9	10	46
20	Dr. T. Anita Jones Mary, Asst. Professor	14EC2020	9	9	9	9	8	44
21	Mr. S. Isaac Joel Raj Assistant Professor	14EC2062	9	9	9	9	4	40



Course File Co-ordinator



HoD



External Auditor

**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

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


**Name of the Auditor: Dr. S. SENTHIL KUMAR**      **Date of Audit: 16-08-2018**  
**Associate Professor**  
**Department of EEE, National Institute of Technology,**  
**Tiruchirappalli**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	14EC2011	Mrs.B.Bella	10	9	9	9	37
		Mrs.Grace	10	9	9	9	37
		Mr.John Paul	10	9	9	9	37
		Mrs. Cathrine Joy	10	9	9	9	37
		Mrs. Radha	10	9	9	9	37
		Mr. Alfred	10	9	9	9	37
		Mrs. Sridevi	10	9	9	9	37
		Mrs. Suganthi	10	9	9	9	37
		Mr. Augustine	10	9	9	9	37
		Mr. Victor	10	9	9	9	37
2	17EC3001	Mr. D. Sugumar	10	10	10	9	39
3	14EC2023	Dr. T. Anita	10	10	10	9	39

		Mrs. Shine Let	10	10	10	9	39
		Mr. J.Jenkin	10	10	10	9	39
		Mr. M.Gilbert	10	10	10	9	39
		Dr. Roopa	10	10	10	9	39
		Mrs. Mary Neebha	10	10	10	9	39
		Mrs. Jasmine	10	10	10	9	39
		Dr. Dolly	10	10	10	9	39
		Mrs. Jeevitha	10	10	10	9	39
		Dr.Jegannath	10	10	10	9	39
		Mr. James Raja	10	10	10	9	39
4	14EC2018	Dr. Thomas	10	10	9	9	38
		Mrs. P. Malin	10	10	9	9	38
		Mr.Martin	10	10	9	9	38
		Mr.Amir	10	10	9	9	38
		Mr. Shajin	10	10	9	9	38
		Mrs.Diana	10	10	9	9	38
		Mr.Dhanasekar	10	10	9	9	38
		Dr.Narain	10	10	9	9	38
		Mrs.Manimekalai	10	10	9	9	38

  
Course File Co-ordinator

  
HoD

  
External Auditor





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**INTERNAL QUALITY ASSURANCE CELL  
EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

<b>Name of the Department</b>	<b>Electronics and Communication Engineering</b>
<b>School</b>	<b>Engineering and Technology</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar Associate Professor, Department of Embedded Systems, School of Electronics Engineering, Vellore Institute of Technology, Vellore – 632014.</b>
<b>Date of Audit</b>	<b>15-09-2018</b>

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1.	17EC3040	Mr. Alfred Kirubaraj	10	10	9	9	38
2.	17MT2016	Mr. S. Isaac Joel Raj	9	10	10	10	39
		Mrs. Jinnifer June	9	10	10	10	39

Course File Co-ordinator

HoD

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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: EEE**

**School: Engineering and Technology**

**Name of the Auditor:**

**Dr. Sishaj P Simon**

**Date of Audit: 15 September 2018**

**Associate Professor, Department of EEE**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

**Total Number of files audited: 42**

**General comments:**

The following are few of the points that are observed during the academic audit of EEE department in Karunya Institute of Technology and Sciences.

1. Even though bloom's taxonomy is followed by all the faculty, few of the areas need improvement while framing questions. Typos, unnecessary usage of capital letters, not using prepositions and using first person sentences needs to be corrected.
2. Few of the faculty use the unit conventions wrongly. For example,
  - i. KVA should be kVA
  - ii. KVAR should be kVAR
  - iii. wb/m<sup>2</sup> should be Wb/m<sup>2</sup>
  - iv. AM/PM should be am/pm
3. Common question paper such as Basic electrical and electronics can be discussed and framed together by the faculty involved, thereby grammatical errors while framing of question paper can be avoided.
4. Few reasoning/scenario based questions can be posed to students to improve their thinking ability.

Overall the audit is satisfactory and quality of academics has improved a lot as compared to auditor's previous visit.

*SPS*  
15/9/2018  
External Auditor

**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**  
**Marks from External Course File Auditor – Theory**

**Name of the Department: EEE**

**School: SET**


**Name of the Auditor: Dr. Sishaj P Simon      Date of Audit: 15 September 2018**  
**Associate Professor, Department of EEE**  
**National Institute of Technology**  
**Tiruchirappalli – 620 015**

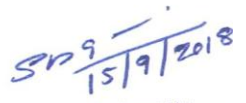
S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. A. Albert Rajan Associate Professor & Deputy Registrar	14EE2016	8	8	8	8	8	40
2	Mr. P Venkatesh Kumar Assistant Professor	14EI2005	9	9	9	9	9	45
3	Ms. J Jency Joseph Assistant Professor	14EI2005	9	9	9	9	9	45
		14CS2035	9	9	9	9	9	45
4	Dr. Shanty Chacko Assistant Professor	14EE2004	9	9	9	9	9	45
5	Ms.P. Nagabushanam Assistant Professor	14EE2013	9	9	9	9	9	45
		14EE2016	9	9	9	9	9	45
6	Dr. S. BerclinJeyaprabha	14EE2028	8.5	9	9	9	9	44.5
7	Dr. V Jegathesan	14EE2009	9	8	9	9	9	44
		17EE3019	9	10	9	9	9	46

8	Ms. Jebarani Evangeline S.	14EE2009	9	8	9	9	9	44
		17EE3018	9	9	9	9	8	44
9	Mr. P Swaminathan	17EE3022	8	8	9	9	8	42
		15EE2023	8	8	9	9	7	41
10	Dr. M. S. P. Subathra	14EE2013	9	9	9	9	9	45
11	Mr. C Benin Pratap	17EE1001	9	9	9	9	9	45
		14EE2005	8	9	9	9	9	44
12	Mr. Ajayan S	17EE1001	8	8	9	8	8	41
		15EE2005	9	9	9	9	9	45
13	Mr. Shankar A	17EE1001	9	8	8	9	9	43
		17EE1001	9	8	8	9	7	41
14	Dr. A Immanuel Selvakumar	14EE2014	9	9	9	9	9	45
15	Dr. A BenuelSathish Raj	14EE2005	9	8	8	9	9	43
		17EE3053	9	9	9	9	9	45
16	Dr. K Vinoth Kumar	14EE2004	8	9	9	9	9	44
		17EE1001	8	8	9	9	8	42
17	Dr. Prawin Angel Michael	14EE2004	9	9	9	9	9	45
18	Mrs. R NarcissStarbell	17EE1001	9	8	9	9	8	43
19	Ms. J Jacinth Poornima	17EE1001	9	8	9	9	9	44
20	Dr. F. T. Josh	17EE1001	9	8	9	9	9	44
		14EE2024	9	9	9	9	9	45
21	Mr. P Manikanandan	17EE1001	9	8	9	9	7	42
		14EE2025	9	8	9	9	9	43
22	Mrs. R Meenal	17EE1001	9	8	9	9	9	44

23	Mrs. R Meenal	14EC2079	9	9	9	9	9	45
24	Dr. S BerlinJeyaprabha	14EC2079	9	9	9	9	9	45
25	Dr. S Paul Sathiyar	16EI2004	9	9	9	9	9	45
26	Mr. S Satheesh Kumar	15EE2008	9	8	9	9	9	44
		17EE3012	9	9	9	9	8	44
27	Dr. J Jayakumar	15EE2008	7	8	9	9	9	42
28	Dr. M Lydia	17EE3016	9	9	9	9	8	44

  
Course File Co-ordinator

  
HoD

  
15/9/2018  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: EEE**

**School: SET**

**Name of the Auditor: Dr. Sishaj P Simon**


**Date of Audit: 15 September 2018**

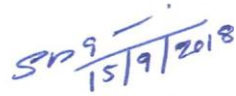
**Associate Professor, Department of EEE**

**National Institute of Technology  
Tiruchirappalli – 620 015**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1.	17EE3021	Dr. V Jegathesan	9	9	9	9	36
2.	16EE2002	Mr. C Benin Pratap	9	9	9	9	36
		Ms. S. Jebarani Evangeline	9	9	9	9	36
		Mrs. R. NarcisStarbell	9	9	9	9	36
		Mr. A BenuelSathish Raj	9	9	9	9	36
3	17EE3020	Dr. M Lydia	9.5	9	9.5	9	37
4	14EE2015	Dr. A Immanuel Selvakumar	9	9	9	9	37
		Dr. M S P Subathra					
		Mr. Venkatesh Kumar					
		Mr. Nagabhusham					

  
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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

**Name of the Department: Instrumentation Engineering**

**School: SET**

**Name of the Auditor: Dr. N. Sivakumaran**

**Date of Audit: 22-08-2018**

Professor,

Dept. of Instrumentation and Control Engineering (ICE)

National Institute of Technology

Trichy-620015

**Total Number of files audited: 56**

#### Comments/ Suggestions given by External Course File Auditor during Auditing

##### Theory subjects:

1. Questions asked in Internal Test 1, 2 & 3 are very simple and not competitive.
2. Direct questions in internal test and end semester should be avoided.
3. Design and analytical type questions need to be asked to test their skills.
4. Question in Test1-3 should be asked as per the level of PG students.
5. Case studies need to be asked.
6. Weightage of marks need to be justified based on the questions asked in the internal test and end semester exam.

##### Laboratory Experiments:

1. Only basic experiments / commands are reported for PG courses.
2. Signal Analysis to be carried out for various BMI signals
3. Experiments for UG & PG courses should be different.

  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department	<b>Instrumentation Engineering</b>
School	<b>Electrical Technology</b>
Audited Date	<b>22.08.2018</b>
Auditor Name	<b>Dr. N. Sivakumaran</b>
Address of the External Course File Auditor	<b>Professor, Dept. of Instrumentation and Control Engineering (ICE) National Institute of Technology Trichy-620015</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1.	Dr. D.AbrahamChandy	17BM3013	8	7	8	7	6	36
		15EI2013	8	9	7	7	2	33
2.	Mr. P.AnanthaChristu Raj	14EI2022	8	7	8	7	2	32
		14EI2048	9	7	8	7	8	39
3.	Dr. P. SubhaHency Jose	15EI2022	8	7	8	7	8	38
		17BM3005	8	8	7	7	7	37
4.	Dr. K. Rajasekaran	17EI3024	8	8	8	8	8	40
		17BM3008	8	7	7	8	8	38
5.	Dr. D. Pamela	14EI2013	8	7	7	7	7	36
6.	Mr. P. Vijay Daniel	14EI2012	8	8	7	8	8	39
		14EI2003	8	8	7	8	8	39
7.	Mrs. Lima Rose	15EI2005	8	7	8	7	2	32



		15EI2028	8	7	7	8	6	36
		17BM3014	8	8	8	7	5	36
8.	Mr. J. Samson Isaac	17BM3004	8	7	8	7	4	34
		15EI2012	8	7	7	7	4	33
9.	Ms. Hepsiba D.	15EI2024	8	8	7	7	7	37
		15EI2011	8	8	8	7	5	36
10.	Dr. X. Anitha Mary	17EI3028	8	7	7	7	7	36
		14EC2079	8	7	7	7	7	36
11.	Mr. L.D. Vijay Anand	15EI2006	8	8	8	7	4	35
		14EI2020	8	7	7	8	8	38
12.	Mr. Kingston Stanley	14EI2005	8	8	8	7	4	35
		15EI2003	8	7	7	6	5	33
13.	Ms.B.Thilagavathi	15EI2001	8	7	8	7	8	38
		17EC3066	8	8	8	8	7	39
14.	Mr. R. Jegan	15EI2037	8	7	7	7	7	36
		17EI3012	8	8	8	8	7	39
15.	Ms. P. Rajalakshmy	14EC2014	8	8	7	7	8	38
		16EI2001	8	7	8	8	7	38
16.	Mr. K. Gerard Joe Nigel	14EI2021	8	8	8	7	3	34
		17EI3013	8	8	8	8	7	39

Course File Co-ordinator

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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

Name of the Department	<b>Instrumentation Engineering</b>
School	<b>Electrical Technology</b>
Audited Date and type	<b>22.08.2018 - Laboratory</b>
Auditor Name	<b>Dr. N. Sivakumaran</b>
Address of the External Course File Auditor	<b>Professor, Dept. of Instrumentation and Control Engineering (ICE) National Institute of Technology Trichy-620015</b>

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1.	15ET2004	Mr. P. AnanthaChristhuraj	9	8	8	9	34
		Mr. P. Kingston Stanley	9	8	8	9	34
2.	14EI2007	Mr. L.D. Vijay Anand	9	7	7	8	31
		Mr. P.Kingston Stanley	9	7	7	8	31
3.	14EI2010	Dr.P.SubhaHency Jose	8	6	8	6	28
		Dr. P. Vijay Daniel	8	6	8	6	28
4.	14EI2006	Mrs. B.Thilagavathi	8	8	7	8	31
5.		Mr. P. Vijay Daniel	8	8	7	8	31

6.	15EI2014	Dr. D. Pamila	8	7	7	7	29
		Mrs. Lima Jose	8	7	7	7	29
7.	17BM3010	Mr. J.Samson Isaac	8	7	8	7	30
8.	15EI2018	Mr. Gerard Joe Nigel	8	8	8	8	32
		Ms. D.Hepsiba	8	8	8	8	32
9.	15EI2009	Mr. R. Jegan	8	7	7	8	30
10.	16EI2003	Ms. D. Hepsiba	8	7	7	7	29
		Mr. R. Jegan	8	7	7	7	29
11.	17BM3011	Dr. X. Anitha Mary	8	8	8	8	32
12.	17EI3026	Ms. B. Thilagavathi	8	7	7	7	29
13.	14EC2088	Dr. Meenal	8	7	8	8	31
		Dr. Evelyn	8	7	8	8	31
		Mrs. Jency Joseph	8	7	8	8	31
		Dr. P.Rajalakshmy	8	7	8	8	31
		Dr. X.Anitha Mary	8	7	8	8	31
		Dr. J. Jayakumar	8	7	8	8	31

Course File Co-ordinator

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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

<b>Name of the Department</b>	<b>Media and Communications</b>
<b>School</b>	<b>Sciences, Arts, Media &amp; Management</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> Associate Professor, Department of Embedded Systems, School of Electronics Engineering, Vellore Institute of Technology, Vellore – 632014.
<b>Date of Audit</b>	<b>15-09-2018</b>

**Total Number of files audited: 19**

**Comments/ Suggestions given by External Course File Auditor during Auditing**

1. HOD's signature and date is missing in teaching plan.
2. Maximum marks and COs are missing in many answer scripts.
3. Blooms Taxonomy for QP setting is advisable.
4. Form 10 and 11 is empty in most of the files.
5. For subjects with score more than 30% failure rate (scoring less than 50% in test 1,2,3) fill the comments column in form 6A.

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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

<b>Name of the Department</b>	<b>Media and Communications</b>
<b>School</b>	<b>Sciences, Arts, Media &amp; Management</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> <b>Associate Professor,</b> <b>Department of Embedded Systems,</b> <b>School of Electronics Engineering,</b> <b>Vellore Institute of Technology,</b> <b>Vellore – 632014.</b>
<b>Date of Audit</b>	<b>15-09-2018</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Mr. Navis M. George	17MT2008	8	9	9	9	5	40
		14MT2018	9	9	9	9	6	42
2	Dr. Mallika Vijayakumar	14VC2088	9	9	9	6	5	38
		17MC2003	9	9	9	9	0	36
		15VC3001	9	9	9	9	0	36
3	Mrs. M. Jennifer June	14MT2008	8	9	9	9	8	43
		14VC2021	9	8	9	8	9	43
4	Mr. Isaac Joel Raj	14CS2035	9	9	9	5	0	32
5	Mr. Nair vishal Vijay	14MT2029	9	9	9	8	6	41

		17MT2003	9	9	7	7	5	37
6	Mr. G. Arockiasamy	14VC3015	9	9	9	9	0	36
		14VC2062	9	9	9	9	0	36
		16MC2005	9	9	9	9	0	36
		14VC3006	9	9	9	9	0	36

  
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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**  
**Marks from External Course File Auditor – Laboratory**

<b>Name of the Department</b>	<b>Media and Communications</b>
<b>School</b>	<b>Sciences, Arts, Media &amp; Management</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> <b>Associate Professor,</b> <b>Department of Embedded Systems,</b> <b>School of Electronics Engineering,</b> <b>Vellore Institute of Technology,</b> <b>Vellore – 632014.</b>
<b>Date of Audit</b>	<b>15-09-2018</b>

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	15VC3002	Dr. Mallika Vijaya Kumar	10	10	10	10	40
2	17MT2004	Mr. Nair vishal Vijay	8	10	10	9	37
3	14VC2035	Ms. J.B. Anna Asheervadham Mary	10	9	9	9	37
4	14MT2023	Mrs. Jennifer June	5	10	10	10	35
		Mr. Dilip kumar	5	10	10	10	35
5	17MC2007	Mrs. Jennifer June	10	10	10	10	40
		Ms. J.B. Anna Asheervadham Mary	10	10	10	10	40

*W. Manoj Kumar*  
Course File Co-ordinator

*J.*  
17/9/18  
HoD

*P. Sasikumar*  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

<b>Name of the Departments</b>	<b>Biotechnology and Bioinformatics</b>
<b>School</b>	<b>Agriculture and Biosciences</b>
<b>Name of the Auditor</b>	<b>Dr. Z. John Kennedy</b> <b>Professor of Micro Biology,</b> <b>Center for postharvest technology,</b> <b>Tamil Nadu Agricultural University,</b> <b>Coimbatore – 641003.</b>
<b>Date of Audit</b>	<b>05-09-2018</b>

**Total Number of files audited: 54**

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

1. Improvement in teaching material:
  - No detailed information provided
  - PPT's provided have no authenticity of the course teachers
2. Record:
  - No periodical evaluation of the lab observation / record
  - Improvement should be made in assignments
3. Mismatch of contents in Eduserve and class handling report must be rectified
4. Topics that are given for assignments should be from syllabus
5. Uniform distribution of questions were not observed in the End Semester Question paper.
6. Internal Assessments should be conducted at periodic intervals

  
External Auditor





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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

<b>Name of the Department</b>	<b>Biotechnology</b>
<b>School</b>	<b>Agriculture and Biosciences</b>
<b>Name of the Auditor</b>	<b>Dr. Z. John Kennedy Professor of Micro Biology Center for Postharvest Technology, Tamil Nadu Agricultural University, Coimbatore – 641003.</b>
<b>Date of Audit</b>	<b>05-09-2018</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. Jibu Thomas Associate Professor	14BI2002	7	9	9	9	9	43
		14BT2025	9	9	9	9	7	43
2	Dr. R.S. David Paul Raj, Asst. Professor	14BT2004	8	8	9	9	8	42
3	Dr. V.M. Berlin Grace Professor	14BT2011	8	9	9	9	9	44
4	Dr. S. Murugan Associate Professor	15BT3003	9	8	9	9	8	43
		14BT3012	9	9	9	9	9	45
5	Mr. P. Levin Anbu Gomez Assistant Professor	14BT2022	9	9	9	9	9	45
		14BT3011	7	8	8	8	8	41
6	Dr. G. Gnanavel Assistant Professor	14BT2022	8	9	9	9	8	43
		14FP2005	7	8	9	7	9	40
7	Ms. Anu Jacob Assistant Professor	17BT2063	9	9	9	9	9	45
		14BT2055	9	9	9	9	9	45

8	Dr. PinakiDey Assistant Professor	14BT2020	9	9	9	9	9	45
		14BT2009	9	9	9	9	9	45
9	Mr. P. Muthusamy Assistant Professor	14BT3009	8	9	9	9	9	44
		14FP2005	7	9	9	9	9	43
10	Dr. S. Kavitha Assistant Professor	15BT3014	8	9	8	9	9	43
		14BT2059	9	9	9	8	8	43
11	Dr. T. Jesse Joel Assistant Professor	15BT3010	9	9	9	9	9	45
12	Dr. M.S.A. MuthukumarNadar Assistant Professor	15BT3008	7	9	9	9	9	43
13	Mr. D. Alwin Johnnie Assistant Professor	14BT2011	9	9	9	9	8	44
		14BT2020	7	9	9	9	8	42
14	Dr. Reya Issac Assistant Professor	14BT2009	8	9	9	9	8	43
15	Dr. M. Lakshmi Prabha Assistant Professor	14BT2008	7	8	9	9	7	40
		14BT2008	8	9	9	8	8	42
16	Mr. K. Naresh Kumar Assistant Professor	14BT2014 (1)	10	10	9	9	9	47
		14BT2014 (2)	9	9	9	9	9	45
17	Dr. R.T. Narendhirankannan Assistant Professor	17BT2004	8	9	9	9	8	43
		14BT2008	8	9	9	9	8	43
18	Dr. C. Vani Assistant Professor	15BT3001	8	9	9	9	8	43
		14BT3020	8	9	9	9	9	44
19	Dr. BiswanathMhanty Assistant Professor	14CE2003	8	9	9	9	9	44
20	Dr. Ridling Margaret Waller, Professor & Pro-Vice Chancellor							

  
Course File Co-ordinator

  
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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**


**Marks from External Course File Auditor – Laboratory**

<b>Name of the Department</b>	<b>Biotechnology</b>
<b>School</b>	<b>Agriculture and Biosciences</b>
<b>Name of the Auditor</b>	<b>Dr. Z. John Kennedy</b> <b>Professor of Micro Biology,</b> <b>Center for postharvest technology,</b> <b>Tamil Nadu Agricultural University,</b> <b>Coimbatore – 641003.</b>
<b>Date of Audit</b>	<b>05-09-2018</b>

<b>S. No</b>	<b>Laboratory Code</b>	<b>Name of the Faculty Members handling the same laboratory</b>	<b>Yellow Book</b>	<b>Lab Manual</b>	<b>Lab Observation Book</b>	<b>Lab Record Book /e-Record</b>	<b>Total Marks</b>
			<b>(10)</b>	<b>(10)</b>	<b>(10)</b>	<b>(10)</b>	<b>(40)</b>
1	14BT2060	Dr. C. Vani	9	10	10	9	38
		Dr. S.Kavitha	9	10	10	9	38
2	14FP2003	Dr. B. Mahanty	9	8	9	9	35
		Mr. P. Muthusamy	9	8	9	9	35
		Dr. G. Gnanavel	9	8	9	9	35
		Dr. PinakiDey	9	8	9	9	35
3	14BT2035	Dr. R.S. David Paul Raj	9	7	7	9	32
4	14BT2057	Dr. G. Gnanavel	9	7	9	9	34
		Mr. P. Levin Anbu Gomez	9	7	9	9	34
5	15BT3017	Dr. S. Murugan	9	9	9	9	36

6	14BT2010	Dr. Reya Issac	9	9	9	9	36
		Dr. M. Lakshmi Prabha	9	9	9	9	36
		Mr. D. Alwin Johnnie	9	9	9	9	36
		Ms. Anu Jacob	9	9	9	9	36
7	14BT2018	Dr. C. Vani	9	9	6	8	32
		Dr. S.Kavitha	9	9	6	8	32
8	14BT2002	Dr. M. Lakshmi Prabha	9	9	8	7	33
9	14BT2013	Dr. M.S.A. MuthukumarNadar	9	9	9	8	35
		Mr. K. Naresh Kumar	9	9	9	8	35
10	14BI2012	Dr. Narendhirakannan	10	9	9	10	38
		Dr. T. Jesse Joel	10	9	9	10	38
11	14BT3010	Mr. P. Muthusamy	8	9	9	7	32
12	14BT2021	Dr. B. Mahanty	9	9	9	9	36
		Dr. T. Jesse Joel	9	9	9	9	36
		Dr. PinakiDey	9	9	9	9	36
		Ms. Anu Jacob	9	9	9	9	36
		Mr. D. Alwin Johnnie	9	9	9	9	36

  
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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

<b>Name of the Department</b>	<b>Bioinformatics</b>
<b>School</b>	<b>Agriculture and Biosciences</b>
<b>Name of the Auditor</b>	<b>Dr. Z. John Kennedy</b> <b>Professor of Micro Biology,</b> <b>Center for postharvest technology,</b> <b>Tamil Nadu Agricultural University,</b> <b>Coimbatore – 641003.</b>
<b>Date of Audit</b>	<b>05-09-2018</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Ms.R. MohanaPriya	14BI2031	8	9	9	9	9	44
2	Dr. M.D. AfrozAlam	15BI3003	9	8	9	9	9	44
3	Mr. A.N. Karthik	15CS3002	9	9	9	9	9	45
		14BI3005	9	9	9	9	8	44
4	Dr. PremnathDhanarj	15BI3005	8	9	9	9	9	44
		14BI2004	8	9	9	9	9	44

  
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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

<b>Name of the Department</b>	<b>Bioinformatics</b>
<b>School</b>	<b>Agriculture and Biosciences</b>
<b>Name of the Auditor</b>	<b>Dr. Z. John Kennedy</b> <b>Professor of Micro Biology,</b> <b>Center for postharvest technology,</b> <b>Tamil Nadu Agricultural University,</b> <b>Coimbatore – 641003.</b>
<b>Date of Audit</b>	<b>05-09-2018</b>

<b>S. No</b>	<b>Laboratory Code</b>	<b>Name of the Faculty Members handling the same laboratory</b>	<b>Yellow Book</b>	<b>Lab Manual</b>	<b>Lab Observation Book</b>	<b>Lab Record Book /e-Record</b>	<b>Total Marks</b>
			<b>(10)</b>	<b>(10)</b>	<b>(10)</b>	<b>(10)</b>	<b>(40)</b>
1	14BI2038	Ms.R. MohanaPriya	9	8	9	8	34
		Mr.A.N. Kaarthik	9	8	9	8	34
2	15BI3008	Dr. M.D. AfrozAlam	9	8	8	8	33
3	15BI3009	Dr. PremnathDhanaraj	9	9	9	8	35
4	15CS3003	Mr. A.N. Karthik	9	9	9	9	36

  
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## **INTERNAL QUALITY ASSURANCE CELL**

### **EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

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

**Name of the Auditor: Dr. N. Venkatachalapathy,  
Professor and Head,**

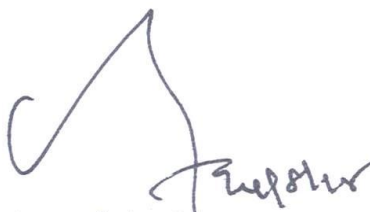
**Date of Audit: 24-08-2018**

**Department of Food Engineering,  
Indian Institute of Food Processing Technology,  
Thanjavur 613 005**

Total Number of files audited: 29

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

1. The course files were maintained in a fair manner in most of the cases.
2. The course teachers have put their efforts in conducting classes, setting up question papers, evaluating the answer sheets fairly.
3. They have also applied their mind for conducting the quality assessment for the benefit of the students.
4. But in few cases, there were few lapses such as missing of signature of HOD, signature of the course teachers. Few forms were incomplete.
5. As a whole, the teachers have done a fair job.

  
**External Auditor**



**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

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


**Name of the Auditor: Dr. N. Venkatachalapathy,      Date of Audit: 24-08-2018**  
**Professor, Food Engineering,**  
**Indian Institute of Food Processing Technology,**  
**Tanjavur - 613 005**

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Ms. N.Princy Assistant Professor	14FP2012	9	9	9	9	9	45
		14FP2037	9	9	9	8	9	44
		14BT2001	9	9	7	9	9	43
2	Dr. T.V. Ranganathan Professor & Program Coordinator UG	14FP2030	9	9	9	9	9	45
3	Mrs. Joselin Ann Joy Assistant Professor	14FP2005	9	9	9	9	9	45
		14FP2008	9	9	9	9	9	45
4	Dr. S. Gobi Krishnan Assistant Professor (SG)	14FP2031	9	9	9	9	9	45
		14FP3002	9	9	9	9	9	45
5	Dr. Emilin Renitta Assistant Professor (SG)	14FP3024	9	9	9	9	9	45
6	Mr. P.Balamurugan Assistant Professor	14FP2016	9	9	9	9	9	45
		14FP2005	9	9	9	9	9	45



7	Dr. A. Nishadh Assistant Professor	14BT2001	9	9	9	9	9	45
8	P. Daniel Paul Assistant Professor	14FP2006	9	9	9	9	9	45
		14FP3008	9	9	9	9	9	45
9	Dr. D. Tiroutchelvame Assistant Professor	14FP2028	9	9	9	9	8	44
		14FP2007	9	9	9	9	9	45
		14FP3004	9	9	9	9	9	45
10	Dr. M.M. Pragalyaashree Assistant Professor	14FP3007	9	9	9	9	9	45
		14FP2007	9	9	9	9	9	45
		14FP2006	9	9	9	9	9	45
11	Mr. Dyanand Peter Assistant Professor	14FP2018	7	9	9	7	7	39
		14FP2008	7	9	9	9	7	41

  
24/8/18  
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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**


**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Food Processing Technology      School: SAB**  
**Name of the Auditor: Dr. N. Venkatachalapathy,      Date of Audit: 24-08-2018**  
**Professor, Food Engineering,**  
**Indian Institute of Food Processing Technology,**  
**Tanjavur –613 005**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	14FP3026	Dr.R. Emilin Renitta	9	9	9	9	36
2	14BT2002	Dr. A. Nishadh	9	9	9	9	36
		Dr. Emilin Renitta	9	9	9	9	36
		Dr. D. Premnath	9	9	9	9	36
		Mrs. Joselin	9	9	9	9	36
3	14FP2022	Dr. T.V. Ranganathan	9	9	9	9	36
		Ms. Shilu Leslie	9	9	9	9	36
		Mrs. Joselyn Ann Joy	9	9	9	9	36
4	14FP3011	Dr. T.V. Ranganathan	9	9	9	9	36
5	14FP2019	Mr. P.Balamurugan	9	9	9	9	36

6	14FP2015	Ms. N. Princy	9	9	9	9	36
		Mr. Dyanand Peter	9	9	9	9	36
7	14FP2009	Dr. S. Gobikrishnan	9	9	9	9	36
		Dr. D. Tiroutcheluame	9	9	9	9	36
		Dr. M.M. Pragalyaashree	9	9	9	9	36
		Mrs. Joselin Ann Joy	9	9	9	9	36

  
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## **INTERNAL QUALITY ASSURANCE CELL**

### **EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: Agriculture**

**School: SAB**

**Name of the Auditor: Dr. Z. John Kennedy**

**Date of Audit: 22-08-2018**

**Professor of Microbiology**

**Centre for Post-Harvest Technology**

**Tamil Nadu Agricultural University**

**Coimbatore - 641003**

**Total Number of files audited: 51**

#### **Comments/ Suggestions given by External Course File Auditor during Auditing**

##### **General comments:**

1. Shifting to adoption ICAR – 5<sup>th</sup> dean's committee syllabus is more relevant. This will be helpful for the students who are currently pursuing their studies to enter in to Master's degree programme in other Universities.
2. The lecture schedule should be made from the reference book cited in the syllabus and if the reference book is not available – show the text book ref. accordingly.
3. The mid-term exam should be conducted on 45<sup>th</sup> working day.
4. Adoption of uniform pattern of question paper is needed.
5. Course no. 17AG1007 - Principles of Genetics and Genomics: The reference books cited in the syllabus is not related to the books used in teaching plan – references. Also in the teaching plan, in courses like 17AG1007, only <http://agrimoon> is mentioned. Similar thing was observed in all the courses.
6. Course no. 17AG009 – Dimensions of Agricultural Extension: Request to shift the course to final year of the degree programme. Similarly course no. 17AG1008 – Agricultural Economics may be taught after 5<sup>th</sup> semester onwards. Having this course at first year level will lead to the failure of this course.
7. Improvement in teaching plan is needed.

- a. Try to avoid power point presentation in I or II year and the quality of some of the ppt shown in the teaching file is not relevant.
- b. Periodic evaluation of the syllabus by the students will certainly improve the curriculum of the degree programme.

  
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## INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

Marks from External Course File Auditor– Laboratory Integrated Theory Course

Name of the Department: Agriculture

School: SAB

Name of the Auditor: Dr. Z. John Kennedy

Date of Audit: 22-08-2018

Professor of Micro Biology

Center for postharvest technology

TNAU

Coimbatore - 641003

S. No	Name of the Faculty	Subject Code	Blue Book	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	Dr. J.Beslin Joshi (T) Assistant Professor	17AG1006	9	8	9	8	34
2	Dr. Levin Anbu (L)		9	8	9	8	34
3	Dr. David Paul Raj (L)		9	8	9	8	34
4	Dr. Jibu Thomas (L)		9	8	9	8	34
5	Dr. Naresh Kumar (L)		9	8	9	8	34
6	Dr. R. Thulasiram	17AG1008	7	8	8	8	31
7	Dr. J. Vimalin Hena Assistant Professor	17AG1007	6	6	7	7	26
8	Dr. V.S. Suganthy (T)	17AG1010	8	8	8	7	31
9	Dr. N. B. John Kingsly (L)		8	8	8	7	31
10	Mr. B. Sakthinathan	17HO1003	7	7	6	7	27
11	Dr. P. Ramesh Kumar (T)	17AG1006	9	9	8	8	34
12	Dr. David Paul Raj (L)		9	9	8	8	34
13	Dr. Levin Anbu (L)		9	9	8	8	34

14	Dr. P. Ramesh Kumar	17AG1006 Section E	9	8	9	9	35
		17AG1006 Section F	9	9	9	9	36
15	Dr. J.Beslin Joshi	17AG1006 Batch A	9	9	9	9	36
		17AG1006 Batch B	9	9	9	9	36
16	Dr. V.S. Suganthy (T)	17AG1006 (I B.Sc Hort)	9	9	9	8	35
	Dr. Jibu Thomas (L)		9	9	9	8	35
	Dr. Murugan (L)		9	9	9	8	35
17	Dr. V. Meenakshi	17AG1009 Batch F	9	8	8	7.5	32.5
		17AG1009 Batch E	8	8	8	7.5	31.5
18	Dr. P. Janarthanan	17AG1005	6.5	8	8	8	30.5
19	Mrs. S.Sowmeya	17AG1010	9	8	8	8	33
20	Dr. P. Janarthanan (T)	17AG1005 Section F	6.5	8	8	8	30.5
	Ms. Sanmugapriya (L)		6.5	8	8	8	30.5
21	Dr. P. Janarthanan (T)	17AG1005 Section C	8	8	8	7	31
	Dr. V. S. Suganthy (L)		8	8	8	7	31
22	Dr. R. Thulasiram	17AG1008 Section C	9	9	8	8	34
23	Mrs. S.Sowmeya	17HO1004	8	8	8	8	32
24	Dr. K. Indira Petchiammal (T)	17AG1007 Section F	9	8	8	8	33
	Dr. John Kingsly (L)		9	8	8	8	33
25	Dr. K. Indira Petchiammal	17AG1007 (hoti)	9	9	8	9	35
26	Dr. K. Indira Petchiammal (T)	17AG1007 Section E	8	9	8	8	33
	Dr. John Kingsly (L)		8	9	8	8	33
27	Dr. J. Vimalin Hena	17AG1007 Section B	9	8	7	6	30
28	Dr. Kuruvilla Verughese	17AG1005 Section E	9	8	8	9	34

		17AG1005 Section D	9	8	8	9	34
		17AG1005 Section B	9	8	8	9	34
29	Dr. V. Meenakshi	17AG1009 Batch D	8	8	8	8	36
30	Dr. J. Jannet Vennila	17AG1007 Section D	9	8	9	8	34
	Dr. K. Indira Petchiammal		9	8	9	8	34
31	D. M. Suguna Devakumari	17AG1011 Section D	8	9	9	9	35
		17AG1011 Section E	9	9	9	9	36
		17AG1011 Section F	9	8	9	9	35
32	Mr. S. Kumarasan	17AG1010 Section B	9	8	8	9	34
		17AG1010 Section A	9	9	9	9	36
		17HO1002	9	9	9	9	36
33	Dr. R. Thulasiram	17AG1008 Section H	8	8	8	8	32
34	Dr. J. Vimalin Hena	17AG1008 Section C	8	8	8	7	31

  
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6.9.18  
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52/21/2018  
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**INTERNAL QUALITY ASSURANCE CELL  
EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: English**

**School: SSAMM**

**Name of the Auditor: Dr Raju R.L.N**

**Date of Audit: 29 August 2018**

**Associate Professor,  
Department of English  
VIT, Vellore - 632014 (T.N.)**

**Total Number of files audited: 22**

**General comments:**

- After going through the files is observed that all the faculty members maintained the files according to the regulation laid down. The external member was particularly pleased with the framing of the syllabus of all the English Courses.
- Lab Manuals were maintained properly so that the students were made to do the works assigned. Digitalization is taking place for attendance and course page and course plan. Efforts are on to compensate the classes that were lost due to unavoidable reasons.

**Suggestions:**

- Attendance can be taken as 1 2 3 4 a 5a 6
- In lab, little more stress can be given for Listening and reading Skills also .
- In grammar Concord (Subject Verb Agreement) can be strengthened.

  
**External Auditor**



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department: English

School: SSAMM


Name of the Auditor: Dr Raju R.L.N

Date of Audit: 29 August 2018

Associate Professor,  
Department of English  
VIT, Vellore - 632014 (T.N.)

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. J Sundarsingh	17EN1001	9	9	8.5	9	9	44.5
		17EN2016	9	9	9	9	9	45
2	Dr. R Corneli Agnes Rosabella	17EN1001	9	9	9	9	9	45
3	Dr. M Poonkodi	17EN1001	9	9	9	9	8.5	44.5
		14EN2003	9	9	9	9	9	45
4	Ms. Vaithehi S	17EN2002	8	9	9	8.5	9	43.5
		17EN2022	9	9	8	8	8	42
5	Dr. D David Wilson	14EN2004	9	9	9	9	9	45
		17EN1001	9	9	9	9	9	45
6	Dr. D Kausalya	17EN1001	9	9	9	9	9	45
7	Amutha Dhanaraj	17EN1001	9	9	9	9.5	9	45.5
8	Dr. Helen U B	17EN1001	9	9	9	9	9	45

  
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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: English**

**School: SSAMM**

**Name of the Auditor: Dr Raju R.L.N**


**Date of Audit: 29 August 2018**


**Associate Professor,  
Department of English  
VIT, Vellore - 632014 (T.N.)**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observ-ation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17EN1002	Dr. R Corneli Agnes Rosabella	8	9	9	8	34
		Dr. D Kausalya	8	9	9	8	34
2	17EN1002	Dr. R Corneli Agnes Rosabella	9	9	9	9	36
		Dr. M Poonkodi	9	9	9	9	36
3	17EN1002	Dr. M. Poonkodi	9	9	9	9	36
		Dr. David Wilson	9	9	9	9	36
4	17EN2005	Ms. Vaithehi S	9	9	9	9	36
5	17EN1002	Dr. David Wilson	9	8.5	9	8.5	35
		Mr. C Masilamani	9	8.5	9	8.5	35
		Dr. M Poonkodi	9	8.5	9	8.5	35
6	17EN1002	Amutha Dhanaraj	9	9	8	8	34
		D Kausalya	9	9	8	8	34
		Dr. R Corneli Agnes Rosabella	9	9	8	8	34
7	17EN2012	Dr. Helen U B	9	9	8	9	35

8	17EN1002	Amutha Dhanaraj	9	9	9	9	36
		Dr. R Corneli Agnes Rosabella	9	9	9	9	36
9	17EN1002	Dr. Helen U B	9	9.5	9	9	36.5
		Dr. Rosabella	9	9.5	9	9	36.5
10	17EN1002	Dr. D Kausalya	9	8	9	8	34
		Dr. Helen U B	9	8	9	8	34
		Dr. R Corneli Agnes Rosabella	9	8	9	8	34

  
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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

**Name of the Department: Mathematics**                      **School: SSAMM**                      **Name of the**  
**Auditor: Dr. Sunil Jacob John**      **Date of Audit: 25-08-2018**  
**Associate Professor and Head,**  
**Department of Mathematics**  
**National Institute of Technology Calicut,**  
**Calicut- 673601.**

Total Number of files audited: 54

The course file auditing of Department of Mathematics is carried out on 25 August 2018. It is found that most of the course files are in order and were prepared well. However, some minor suggestions for further improvement is provided as mentioned below:

#### Comments/ Suggestions given by External Course File Auditor during Auditing

- Scrutiny report duly signed by the scrutinizer and the question paper setting faculty may be added in the course file.
- For common question papers, scrutinizer should be a faculty not handling that course.
- Use quantifiable verbs for CO preparation. Better to use Blooms taxonomy.
- For Statistics related courses QA may be improved by incorporating techniques in data analysis, industry visit etc. with due credits given.
- Use Power Point Presentations for statistics teaching material
- Attendance record is not provided for many Course files.
- 100% attainment of COs is observed in some courses which is unnatural.
- Teaching material provided must be of better quality and must be prepared by the teaching faculty from different sources rather than providing photocopy from standard textbooks.
- Rather than MCQ and Assessment tutorials more techniques may be adopted for quality assessment especially in courses related to statistics.

  
25/8/2018

External Auditor



**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

**Name of the Department: Mathematics**

**School: SSAMM**

**Name of the Auditor: Dr. Sunil Jacob John**  
Associate Professor and Head,  
Department of Mathematics  
National Institute of Technology  
Calicut- 673601.

**Date of Audit: 25-08-2018**


S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. M. Vijila Assistants Professor	14MA2008	8	9	9	9	9	44
		17MA1002	8	9	9	9	9	44
2	Ms. J. Grayna Assistants Professor	17MA1002	8	9	9	9	9	44
		15MA3017	8	9	9	9	7	42
3	Dr.J. Veninstine Vivik Assistant Professor	14MA2009	8	9	9	8	10	44
		17MA1002 (I)	8	9	9	9	10	45
		17MA1002 (p)	8	9	9	9	10	45
4	Dr. J. Catherine Grace John Assistant Professor	17MA1002	8	9	9	9	9	44
		14MA2001	8	9	9	9	9	44
5	Dr. V. Kavitha Assistant Professor	14MA2001	8	9	9	9	9	44
		14MA2010	8	9	9	9	8	43
6	Mrs. K. Shirmila	17MA1002	10	9	9	8	9	45

	Premkumari Assistant Professor	17MA1002	10	9	9	9	10	47
7	Dr. P. Evanzalin Ebenanjar Assistant Professor	17MA1002	8	9	9	9	9	44
		14MA2001	8	9	9	9	9	44
		17MA1002	8	9	9	9	10	45
8	Mrs. Jude Immaculate Assistant Professor	17MA1002	8	9	9	9	8	43
		14MA1002	8	9	9	9	6	41
9	Dr. J. Daphy Louis Lovenia Professor	17MA1002	8	9	9	9	9	44
10	Mrs. J. Jansi Assistant Professor	17MA1002	8	9	9	9	9	44
		17MA1002	8	9	9	9	9	44
11	Dr. K. Porselvi Assistant Professor	14MA2001	8	9	9	9	9	44
		14MA2003	8	9	9	9	9	44
		14MA3017	8	9	9	9	7	42
12	M. Sekva Rathi Assistant Professor	14MA2008	8	9	9	9	8	43
		15MA3017	8	9	9	9	8	43
13	Dr. S. Elizabeth Amudhini Stehen Associate Professor	14MA2003	8	9	9	9	8	43
		14MA3015	8	9	9	9	10	45
14	Mr. S. Jebasing Assistant Professor	17MA1002	8	9	9	9	7	42
		14MA2010	8	9	9	9	8	43
		17MA1002	8	9	9	8	8	42
15	Dr. K. Rebecca Jebaseeli Edna	15MA3013	8	9	9	9	8	43
		14MA2008	8	9	9	9	9	44
		14MA2001	8	9	9	9	9	44
16	Mr. P. Xavier Assistant Professor	14MA3002	8	9	9	9	8	43

		14MA2003	8	9	9	9	9	44
17	Dr. G Sheeba Merlin	17MA1002	8	9	9	9	9	44
		17MA1002	8	9	9	9	9	44
		17MA1002	8	9	9	9	9	44
18	Ms. P S Divya	17MA1004	8	9	9	9	8	43
		15MA3017	8	9	9	9	8	43
19	Dr. B Elavarasan	14MA2003	8	9	9	9	9	44
		14MA2010	8	9	9	9	9	44
20	Dr. A Hepzibah Christinal	14MA2015	8	9	9	9	10	45
21	Dr. R Selvamani	17MA3018	8	9	9	9	10	45
		14MA2010	8	9	9	9	9	44
22	Mr. C Bazil Wilfred	14MA2010	8	9	9	9	8	43
		14MA2008	8	9	9	9	9	44
23	Dr. G Gomathi Jawahar	14MA2012	8	9	9	9	9	44
		14MA2003	8	9	9	9	9	44
24	Dr. V Jemmy Joyce	14MA2009	8	9	9	9	8	43
		14MA2008	8	9	9	9	9	44
25	Ms K Sivaranjani	17MA1002	8	9	9	9	10	45
		17MA1002	8	9	9	9	10	45

  
Course File Co-ordinator

  
HoD

  
25/8/2018  
External Auditor





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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

**Name of the Department: Physics and Nano-science**

**School: SSAMM**

**Name of the Auditor: Dr. Soney Varghese,**

**Date of Audit: 30-08-2018**

**Associate Professor,**

**School of Nano Science and Technology,**

**National Institute of Technology,**

**Calicut-673601**

**Total Number of files audited: 42**

#### Comments/ Suggestions given by External Course File Auditor during Auditing

1. Question paper scrutiny report may be included
2. Many questions from the internal examination are repeated in the end semester examination. Modified version of the questions are expected.
3. Question paper should follow different levels of questions (difficult, medium, easy).
4. Analytical and applied types of questions should be included.
5. Include seminars for PG courses for quality assessment
6. To reduce the number of R grade, students should have given corrective measures after Test 1 or Test 2.
7. For relative grading one or two 'O' grades can be given
8. Laboratory manuals should follow the standard pattern

  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department: Physics

School: SSAMM

Name of the Auditor: Dr. Soney Varghese,

Date of Audit: 30-08-2018

Associate Professor,

School of Nano Science and Technology,


National Institute of Technology,


Calicut-673601

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. T. Sainia Jostar Assistant Professor	17PH1001 T Section	9	9	9	9	9	45
		17PH3009	9	9	9	9	9	45
2	Mrs. T. Merita Anto Britto Assistant Professor	17PH3007	9	9	9	9	9	45
		17PH1001 R Section	9	9	9	9	9	45
3	Dr. D. Khanna Assistant Professor	17PH1001 L Section	9	9	9	9	8	44
4	Dr. A. Abiram Assistant Professor	17PH3005	9	9	9	9	9	45
		17PH1001 O Section	9	9	9	9	9	45
5	Dr. A. Sakunthala Assistant Professor	17PH3008	9	9	9	9	9	45
		17PH1001 N Section	9	9	9	9	9	45
6	Dr. M. Haris Associate Professor	17PH1001 K Section	9	9	9	9	9	45

7	Dr. M. Senthil Kumar Assistant Professor	14PH2019	9	9	9	9	9	45
		17PH1001 M Section	9	9	9	9	9	45
8	Mrs. R. Jeba Beula Assistant Professor	17PH1001 S Section	9	9	9	8	9	44
		17PH2003	9	9	9	9	9	45
9	Mrs. G. Johnsy Arputhavalli Assistant Professor	17PH1001 P Section	9	9	9	9	9	45

  
Course File Co-ordinator

  
HoD

  
External Auditor



**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Physics**

**School: SSAMM**

**Name of the Auditor: Dr. Soney Varghese**

**Date of Audit: 30-08-2018**


**Associate Professor,**

**School of Nano Science and Technology,  
National Institute of Technology,  
Calicut-673601**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17PH1002 T Section	Dr. T. Sainia Jostar	9	9	9	9	36
		Dr. M. Senthil Kumar	9	9	9	9	36
		Dr. M. Haris	9	9	9	9	36
2	17PH3026	Dr. T. Sainia Jostar	9	9	9	9	36
3	17PH1002 L Section	Dr. D. Khanna	9	9	9	9	36
		Mrs. T. Merita Anto Britto	9	9	9	9	36
		Dr. T. Sainia Jostar	9	9	9	9	36
4	17PH1002 I Section	Mrs. T. Merita Anto Britto	9	9	9	9	36
		Dr. D. Khanna	9	9	9	9	36
		Dr. A. Sakunthala	9	9	9	9	36
5	17PH1002	Dr. A. Abiram	9	9	9	9	36

		Mrs. R. Jeba Beula	9	9	9	9	36
		Dr. A. Sakunthala	9	9	9	9	36
6	17PH1002 N Section	Dr. A. Sakunthala	9	9	9	9	36
		Mrs. G. Johnsy Arputhavalli	9	9	9	9	36
		Dr. M. Senthil Kumar	9	9	9	9	36
7	17PH1002 M Section	Dr. M. Senthil Kumar	9	9	9	9	36
		Dr. A. Abiram	9	9	9	9	36
		Dr. M. Haris	9	9	9	9	36
8	17PH1002 P Section	Mrs. G. Johnsy Arputhavalli	9	0	9	9	27
		Dr. D. Khanna	9	0	9	9	27
		Mrs. R. Jeba Beula	9	0	9	9	27
9	17PH1002 S Section	Mrs. R. Jeba Beula	9	0	9	9	27
		Mrs. G. Johnsy Arputhavalli	9	0	9	9	27
		Dr. D. Khanna	9	0	9	9	27
10	17PH1002 Q Section	Mrs. G. Johnsy Arputhavalli	9	9	9	9	36
		Dr. D. Khanna	9	9	9	9	36
		Dr. A. Abiram	9	9	9	9	36

  
Course File Co-ordinator

  
HoD

  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

Marks from External Course File Auditor - Theory

Name of the Department: Nano-sciences

School: SSAMM

Name of the Auditor: Dr. Soney Varghese

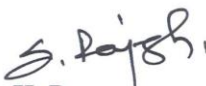
Date of Audit: 30-08-2018


Associate Professor,

School of Nano Science and Technology,  
National Institute of Technology,  
Calicut-673601

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	S.K. Suresh Babu Assistant Professor	17PH2002	9	9	9	9	9	45
		16NT3002	9	7	9	9	9	43
		16PH2008	9	7	9	8	9	41
2	Dr. I.V. Muthu Vijayan Enoch Associate Professor	16NT3007	9	8	9	8	9	43
		16NT3012	9	8	9	9	9	44
3	Mrs. N. Gouthami Assistant Professor	16NT2002	9	8	9	9	9	44
		16NT3001	9	8	9	9	8	43
4	Dr. B. Vidhya Assistant Professor	17PH1001	9	9	9	9	9	45
		16NT2005	9	8	9	9	9	44
5	Dr. S. Rajesh Professor	16PH2003	9	8	9	9	9	44
		17PH3014	9	9	9	9	9	45

  
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External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Nano-sciences**

**School: SSAMM**

**Name of the Auditor: Dr. Soney Varghese**

**Date of Audit: 30-08-2018**

**Associate Professor,**

**School of Nano Science and Technology,**

**National Institute of Technology,**

**Calicut-673601**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	16PH2005	Mr. S.K. Suresh Babu	9	8	9	9	35
2	16NT3017	Dr. S. Rajesh	9	7	9	9	34
3	16NT3015	Ms. N. Gouthami	9	9	9	9	36
4	17PH3028	Dr. B. Vidhya	9	9	9	9	36
5	17PH1002	Dr. M. Haris	9	9	9	9	36
		Ms. G. Johnsy	9	9	9	9	36
		Ms. T.Merita Anto Britto	9	9	9	9	36
6	15PH3037	Dr. M. Haris	9	0	9	9	27

*N. Gouthami*  
Course File Co-ordinator

*S. Rajesh*  
HoD

*Soney Varghese*  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

**Name of the Department: Chemistry**

**School: SSAMM**

**Name of the Auditor: Dr. L. Cindrella**

**Date of Audit: 29-08-2018**

**Professor,  
Department of Chemistry,  
National Institute of Technology,  
Trichy-620015.**

**Total Number of files audited: 50**

#### Comments/ Suggestions given by External Course File Auditor during Auditing

1. In general, approved lecture plans not submitted.
2. HOD's signature is missing in many files.
3. No. of classes conducted is lesser than the prescribed credit hours for many subjects.
4. 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.
5. Documents to support some of the Quality Assessments are not provided in many files.
6. QA can be more in number to differentiate the students well.
7. CO target is more than attained. Measurements need verification in many files.
8. Comment and commitment by many of the faculty regarding Course outcome attainment are missing.
9. The book used by the teachers (B.Tech.) is not listed in the reference book list.
10. More number of quality assessment can be given for the possible improvement of R grade to P grade.
11. By improving the depth of the testing components, the differentiation among the performance of the students can be brought out well.

*L. Cindrella*  
29/8/18  
External Auditor





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## INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

Marks from External Course File Auditor– Theory

Name of the Department: Chemistry

School: SSAMM

Name of the Auditor: Dr. L. Cindrella

Date of Audit: 29-08-2018

Professor,

Department of Chemistry,

National Institute of Technology,


Trichy-620015.

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. R. Nandhakumar Associate Professor	17CH1002 G Section	8	10	10	10	6	44
2	Dr. I.V. Muthu Vijayan Enoch Associate Professor	17CH1002 B Section	6	10	10	5	0	31
3	Dr. K. Parameshwari Associate Professor	17CH1002 J Section	8	10	10	6	6	40
4	Dr. B. Jebasingh Associate Professor	17CH1002 C Section	5	10	10	6	5	36
		17CH1004 Q Section	5	8	10	10	5	38
5	Dr. L. Emmanuvel Associate Professor	17CH1002 I Section	0	10	10	10	6	36
		17CE1004 K Section	8	8	10	10	8	44
6	Dr. N. Ananthi Assistant Professor	17CH1002 E Section	10	10	10	8	8	46
7	Dr. J. John Rajesh Assistant Professor	17CH1002 D Section	8	10	10	10	6	44
		17CE1004 P Section	8	8	10	10	8	44

8	Dr. Anita Hebsiba Assistant Professor	17CH1002 F Section	8	10	10	10	7	45
		17CH1004 N Section	8	8	10	10	8	44
9	K. Juliet Gnana Sundari Assistant Professor	17CH1002 H Section	8	10	10	7	7	42
		17CH1004 T Section	8	8	10	10	8	44
10	Dr. A. Obadiah Assistant Professor	17CH1002 A Section	8	10	10	10	7	45
		17CE1004 I B.Sc/ I B.Com	8	8	10	10	8	44
11	Dr. P. Mosae Selvakumar Assistant Professor	17CE1004 M Section	5	8	10	8	5	36
		17CH1004 S section	5	8	10	10	8	41
12	Dr. S. Vasanth Kumar Professor	17CH1004	8	8	10	10	8	44
		17CH1004 B.Com/ BCA	8	8	10	10	6	42
13	Dr. J. Prabhu Associate Professor	17CH1004 L section	8	8	10	8	8	42
		17CH1004 O Section	8	8	10	10	8	44
14	Dr. V. Vijaikanth Assistant Professor	17CH1004 R Section	6	8	10	10	8	42

  
Course File Co-ordinator

  
HoD  
3/5/18

  
29/8/18  
(Dr. L. CINDRELLA)  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Chemistry**

**School: SSAMM**

**Name of the Auditor: Dr. L. Cindrella**

**Date of Audit: 29-08-2018**

**Professor,**

**Department of Chemistry,**

**National Institute of Technology,**


**Trichy-620015.**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17CH1003 C section	Dr. B. Jebasingh	10	10	10	8	38
		Dr. V. Madhu	10	10	10	8	38
		Dr. J. John Rajesh	10	10	10	8	38
		Dr. L. Emmanuel	10	10	10	8	38
2	17CH1003 E section	Dr. N. Ananthi	10	10	10	8	38
		Dr. V. Madhu	10	10	10	8	38
		Dr. J. John Rajesh	10	10	10	8	38
3	17CH1003 G section	Dr. R. Nanthakumar	10	10	10	8	38
		Dr. B. Jebasingh	10	10	10	8	38
		Dr. J. John Rajesh	10	10	10	8	38
4	17CH1003 B section	K. Juliet Gnana Sundari	8	10	8	10	36
		Dr. S. Vasanth Kumar	8	10	8	10	36

5	17CH1003 I section	Dr. L. Emmanuvel	8	8	10	8	34
		Dr. Anita Hebsiba	8	8	10	8	34
		Dr. P. Mosae Selvakumar	8	8	10	8	34
6	17CH1003 F section	K. Juliet Gnana Sundari	8	8	10	5	31
		Dr. N. Ananthi	8	8	10	5	31
		Dr. L. Emmanuvel	8	8	10	5	31
7	17CH1003 H section	K. Juliet Gnana Sundari	8	10	8	10	36
		Dr. R. Nanthakumar	8	10	8	10	36
		Dr. A. Samson Nesaraj	8	10	8	10	36
8	17CH1003 A section	Dr. S. Vasanth Kumar	8	10	8	8	34
		K. Juliet Gnana Sundari	8	10	8	8	34
		Dr. Anita Hebsiba	8	10	8	8	34
9	17CH1003 D section	Dr. J. John Rajesh	7	10	7	8	32
		Dr. V. Madhu	7	10	7	8	32
		Dr. P. Mosae Selvakumar	7	10	7	8	32
10	17CH1003 J section	Dr. R. Nanthakumar	9	10	8	10	37
		Dr. Anita Hebsiba	9	10	8	10	37
		Dr. J. Prabhu	9	10	8	10	37

  
Course File Co-ordinator

  
HoD  
31/5/18

  
29/8/18  
(Dr. L. CINDRELLA)  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory Integrated Theory Course**

**Name of the Department: Chemistry**

**School: SSAMM**

**Name of the Auditor: Dr. L. Cindrella**

**Date of Audit: 29-08-2018**

**Professor,**

**Department of Chemistry,**

**National Institute of Technology,**

**Trichy-620015**

S. No	Laboratory Code	Name of the Faculty	Blue Book	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	14CH1003 Agri	Dr. J. John Rajesh	8	6	10	10	34

Course File Co-ordinator

HoD

31/8/18

(Dr. L. CINDRELLA)  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department: Chemistry

School: SSAMM

Name of the Auditor: Dr. L. Cindrella

Date of Audit: 29-08-2018

Professor,

Department of Chemistry,

National Institute of Technology,

Trichy-620015.

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. V. Vijaikanth Assistant Professor	12CH3005	10	8	7	10	0	35
2	Dr. V. Madhu Assistant Professor	17CH1001	0	7	10	5	0	22
		17CH3006	8	8	5	6	6	33
3	Dr. L. Emmanuvel Assistant Professor	14CH2023	5	5	10	10	5	35
4	Dr. K. Parameswari Associate Professor	15CH2003	10	10	10	8	6	44
		14NT2016	8	6	10	8	6	38
5	Dr. N. Ananthi Assistant Professor	16CH3002	8	6	10	10	4	38
		16NT3005	6	7	10	4	4	31
6	Dr. A. Samson Nesaraj Professor	17NT3004	8	6	10	6	6	36
7	Dr. A. Obadiah Assistant Professor	17CH2002	8	6	10	6	8	38


8	Dr. J. Prabhu Assistant Professor	16CH2005	8	6	10	6	6	36
9	Dr. P. Mosea Selva Kumar Assistant Professor	17CH3018	5	6	10	6	7	34
10	Dr. R. Nandhakumar Associate Professor	14CH3007	10	6	10	7	6	39



Course File Co-ordinator



HOD  
31/8/18



29/8/18  
(Dr. L. CINDRELLA)  
External Auditor

**INTERNAL QUALITY ASSURANCE CELL**  
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

Name of the Department: Chemistry

School: SSAMM

Name of the Auditor: Dr. L. Cindrella

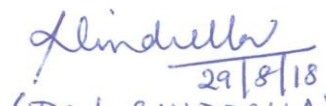
Date of Audit: 29-08-2018

Professor,  
 Department of Chemistry,  
 National Institute of Technology,  
 Trichy-620015.

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17CH2009	Dr. J. Prabhu	7	0	0	10	17
2	17CH3014	Dr. K. Parameswari	10	10	10	10	40
3	17CH3011	Dr. A. Obadiah	10	5	10	10	35

  
 Course File Co-ordinator

  
 HoD  
 31/8/18

  
 29/8/18  
 (Dr. L. CINDRELLA)  
 External Auditor





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

## **INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

**Name of the Departments: 1) Management Studies 2) Commerce School: SSAMM**

**Name of the Auditor: Dr S. Kavitha**

**Date of Audit: 30 August 2018**

**Associate Professor,**

**GRGSMS, PSGR Krishnammal College for Women**

**Coimbatore - 641004, (T.N.)**

### **Observations - MBA**

- Finance domain courses – lesson plan given neatly with evaluation components, Course Outcome mapping also done properly
- Mini project topics chosen for Business Research methods are very unique and different
- For few courses target is not set for CO measurement
- Supporting data is missing for CO measurement for most of the courses
- Subject code mismatch in lesson plan, question paper (17BC2016, 17MS1002)
- Answer scripts samples mix of engineering and management programmes (17MS1002)
- In few courses, CO Mapping not done in Answer sheets
- Lesson plan without date taught and HOD approval
- CO not defined in syllabus but mentioned in question papers (16MS3011)
- Number of hours allotted is less for the course Operations research
- Evaluation components can be mentioned clearly in lesson plan itself.

*\* For assessment, rubrics can be used*

### **Observations – Commerce**

- QP Code / subject code mismatch (17BC2016)
- Form No 10 and 11 not included in most of the files
- Lesson plan without date taught and HOD approval

*Skam*

**External Auditor**



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

Marks from External Course File Auditor– Theory

Name of the Department: Management Studies

School: SSAMM

Name of the Auditor: Dr S. Kavitha

Date of Audit: 30 August 2018

Associate Professor,

GRGSMS, PSGR Krishnammal College for Women  
Coimbatore - 641004, (T.N.)

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Dr. S Senith	17MS1002	8	8	6	8	6	36
		14MA2002	9	9	9	9	7	43
		17MA1002	9	8	8	8	6	39
2	Dr. R Magesh Kumar	16MS3011	8	8	6	8	7	37
		16MS3011	8	5	5	6	6	30
		16MS3011	8	8	6	8	7	37
		16MS3011	8	5	5	6	6	30
3	Dr. G T Thiru Arooran	16MA3004	6	8	6	7	7	34
		16MA3004	8	8	7	9	6	38
4	Dr. F J Peter Kumar	16MS3008	9	9	9	9	9	45
		17BB2012	9	9	9	8	9	44
		16MS3008	9	9	9	9	9	45
5	Dr. B Kalpana Sai	16MS3010	8	7	8	8	7	38
		16MS3010	9	9	9	9	6	42
6	Mrs. Praising Linijah N L	16MS3010	9	6	8	8	7	38
		16MS3010	9	6	8	8	7	38
7	Dr. R Amudha	16MS3008	9	9	9	9	7	43
		16MS3008	9	9	9	9	7	43

8	Dr. Anthony Raj	16MS3012	8	8	8	7	7	38
		16MS3012	8	8	8	7	7	38
		16MS3011	8	6	7	7	6	34
9	Dr. J Clement Sudhakar	16MA3011	9	8	9	8	8	42



Course File Co-ordinator



HoD



External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

#### Marks from External Course File Auditor– Theory

Name of the Department: Commerce

School: SSAMM

Name of the Auditor: Dr S. Kavitha

Date of Audit: 30 August 2018

Associate Professor,

GRGSMS, PSGR Krishnammal College for Women

Coimbatore - 641004, (T.N.)

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(50)
1	Ms. Nisha Malini G	17CR2005	9	9	9	9	-	36/40
		17BC2016	8	6	6	8	-	28/40
2	Dr. R Magesh Kumar	17BC2012	9	7	7	9	-	34/40
3	Mrs. Praising Linijah N L	17BC2005	9	7	7	9	-	32/40
4	Dr. B Kalpana Sai	17BC2017	8	5	5	7	8	33
5	Dr. G T Thiru Arooran	17BB2013	8	8	7	8	7	38

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**INTERNAL QUALITY ASSURANCE CELL  
EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: Information Technology      School: SSAMM**

**Name of the Auditor:      Dr. Raju R.L.N      Date of Audit: 29 August 2018**  
**Associate Professor,**

**Department of English  
VIT, Vellore - 632014 (T.N.)**

**Total Number of files audited: 5**

**General comments:**

- After going through the files it is observed that all the faculty members maintained the files according to the regulation laid down. The external member was particularly pleased with the framing of the syllabus of all the English Courses.
- Lab Manuals were maintained properly so that the students were made to do the works assigned. Digitalization is taking place for attendance and course page and course plan. Efforts are on to compensate the classes that were lost due to unavoidable reasons.

  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

### EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

<b>Name of the Department</b>	<b>Information Technology</b>
<b>School</b>	<b>Sciences, Arts, Media &amp; Management</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> <b>Associate Professor,</b> <b>Department of Embedded Systems,</b> <b>School of Electronics Engineering,</b> <b>Vellore Institute of Technology,</b> <b>Vellore – 632014.</b>
<b>Date of Audit</b>	<b>15-09-2018</b>

**Total Number of files audited: 9**

#### Comments/ Suggestions given by External Course File Auditor during Auditing

6. HOD's signature and date is missing in teaching plan.
7. Maximum marks and COs are missing in many answer scripts.
8. Blooms Taxonomy for QP setting is advisable.
9. Form 10 and 11 is empty in most of the files.
10. For subjects with score more than 30% failure rate (scoring less than 50% in test 1,2,3) fill the comments column in form 6A.

  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Name of the Department: Information Technology      School: Engineering and Technology**

**Name of the Auditor:              Dr. Sishaj P Simon                      Date of Audit: 15 September 2018**

**Associate Professor, Department of EEE**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

**Total Number of files audited: 10**

**General comments:**

The following are few of the points that are observed during the academic audit of Information Technology department in Karunya Institute of Technology and Sciences.

1. Few reasoning/scenario based questions can be posed to students to improve their thinking ability. For e.g. debugging of erroneous programs can be given for assignments.
2. In Lab observations, while taking print out, the black background should be avoided.

Overall the audit is satisfactory.

*S.P.S.*  
*15/9/2018*  
External Auditor



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## INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18

Marks from External Course File Auditor– Theory

Name of the Department: Information Technology

School: SSAMM


Name of the Auditor: Dr. Raju R.L.N


Date of Audit: 29 August 2018

Associate Professor,  
Department of English  
VIT, Vellore - 632014 (T.N.)

S. No	Name of the Faculty with Designation	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(40)
1	Dr. S Naresh Kumar	17CR2004	9	9	9	9	9	45
		17CR2007	9	9	9	9	9	45
2	Mr. Kannan B	17CR2006	9	9	9	9	9	45

  
Course File Co-ordinator

  
HoD

  
External Auditor





**INTERNAL QUALITY ASSURANCE CELL**

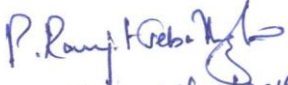
**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor– Theory**

<b>Name of the Department</b>	<b>Information Technology</b>
<b>School</b>	<b>Sciences, Arts, Media &amp; Management</b>
<b>Name of the Auditor</b>	<b>Dr. P. Sasikumar</b> <b>Associate Professor,</b> <b>Department of Embedded Systems,</b> <b>School of Electronics Engineering,</b> <b>Vellore Institute of Technology,</b> <b>Vellore – 632014.</b>
<b>Date of Audit</b>	<b>15-09-2018</b>

S. No	Name of the Faculty	Subject Code	Class Handling Report	IA1-IA3 Question paper	IA1-IA3 Answer Scripts	Quality Assessments	Attainment of CO and PO	Total Marks
			(10)	(10)	(10)	(10)	(10)	(40)/(50)
1	Mr. J. Macklin Abraham Navamani	17CA2004	9	9	9	9	-	36/40
		17CA2001	9	9	9	9	-	36/40
2	Mrs. P. Vijayalaxmi	16CA2009	9	8	8	10	-	35/40
		16CA2011	9	9	7	9	-	33/40
3	Dr. P. Ranjit Jeba Thangaiah	17CA2004	9	9	10	9	-	37/40
		17CA2010	7	9	9	9	-	34/40
4	Dr. D. Ponmary Pushpa Latha	17CS1001	9	9	9	9	9	45
5	Mrs. S. Carolin Jeeva	17CS1001	9	9	9	9	10	46
6	Dr. C. Beulah Chriatalin Latha	17CS1001	9	9	9	9	10	46

  
Course File Co-ordinator

  
HoD, 15/9/2018

  
External Auditor



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**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Information Technology**

**School: SSAMM**


**Name of the Auditor: Dr Raju R.L.N**

**Date of Audit: 29 August 2018**

**Associate Professor,  
Department of English  
VIT, Vellore - 632014 (T.N.)**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17CR2008	Dr. S Naresh Kumar	9	9	9	9	36
2	17CR2009	Mr. Kannan B	9	9	9	9	36

  
Course File Co-ordinator

  
HoD

  
External Auditor



**INTERNAL QUALITY ASSURANCE CELL**

**EXTERNAL COURSE FILE AUDIT – Even Semester 2017-18**

**Marks from External Course File Auditor – Laboratory**

**Name of the Department: Information Technology School: SSAMM**

**Name of the Auditor: Dr. Sishaj P Simon Date of Audit: 15 September 2018**

**Associate Professor, Department of EEE**

**National Institute of Technology**

**Tiruchirappalli – 620 015**

S. No	Laboratory Code	Name of the Faculty Members handling the same laboratory	Yellow Book	Lab Manual	Lab Observation Book	Lab Record Book /e-Record	Total Marks
			(10)	(10)	(10)	(10)	(40)
1	17CA2029	Mr. J Macklin Abraham Navamani	9	9	9	9	36
2	17CA2028		9	9	9	9	36
3	17CA2031		9	9	9	9	36
3	17CS1002	Ms.C Beulah Christina Latha	9	9	9	9	36
4	17CA2030	Dr. P Ranjit Jeba Thangaiah	9	9	9	9	36
	17CA2035		9	9	9	9	36
5	16CA2034	Ms.Vijaylakshmi P	9	9	9	9	36
	17CA2030		9	9	9	9	36
6	17CS1004	Ms.S. Carolin Jeeva	9	9	9	9	36
7	17CS1002	Dr. D Ponmary Pushpa Latha	9	9	9	9	36

*P. Ranjit Jeba Thangaiah*  
Course File Co-ordinator

*P. Ranjit Jeba Thangaiah*  
15/9/2018  
HoD

*S. Sishaj P. Simon*  
15/9/2018  
External Auditor



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**Action Taken Report**

**on the**

**External Course File Audit Reports**

(Even Semester 2017-18)

of the Departments of KITS

# INDEX

<b>S. No.</b>	<b>Department</b>	<b>Page No.</b>
1.	Civil Engineering	2-4
2.	Mechanical Engineering	5-7
3.	Aerospace Engineering	8
4.	Computer Science and Engineering	9-10
5.	Electronics and Communication Engineering	11-12
6.	Electrical and Electronics Engineering	13
7.	Instrumentation Engineering	14
8.	Media and Communication	15
9.	Biotechnology / Bioinformatics	16
10.	Food Processing & Engineering	17
11.	Agriculture	18-19
12.	English	20
13.	Mathematics	21-22
14.	Physics and Nanoscience	23-24
15.	Chemistry	25-26
16.	Information Technology	27
17.	Management Studies	28-29
18.	Commerce	30



**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **Civil Engineering**

S. No.	Comments from External Course File Auditor	Action Taken
1.	<b>Question paper</b> <ul style="list-style-type: none"><li>• Most of the courses, the question paper conforms to syllabus and the standard of the question paper are within moderate to high level.</li><li>• Marks allotted to each question and each subdivision is given correctly.</li><li>• Question papers are free from spelling / grammatical errors</li><li>• Marks / Questions are distributed correctly with respect to Blooms category (Remember, Understand, Apply, Analyze, Evaluate, and Create)</li><li>• Appropriate questions are asked in each part of the question paper.</li><li>• Most of the courses, Question paper conforms to the competency / objective of the syllabus.</li></ul>	Not required
2.	<b>Answer script</b> <ul style="list-style-type: none"><li>• In most of the courses, corrections are carried out in a fair manner and the marks awarded are also in unbiased manner.</li></ul>	Not required
3.	<b>Course file</b> <p>Course file contains:</p> <ul style="list-style-type: none"><li>• Teaching plan / schedule</li><li>• Self-study report</li><li>• Approved teaching plan</li><li>• Test Question papers</li><li>• Sample answer scripts</li><li>• End semester question paper</li></ul>	Not required

4.	<p><b>Suggestions for Improvement</b></p> <ol style="list-style-type: none"> <li>1. Appropriate questions can be asked in each part/section to enable the student to perform well in the examination.</li> <li>2. Question paper should be answerable by an average student, at the same time some critical thinking type questions can be asked to explore the capability of the top creamy layer students.</li> <li>3. Questions can be asked to differentiate the average, and meritorious students. Each Question Paper consists <ul style="list-style-type: none"> <li>• A1. 60% of questions set, shall be answerable by all students with good preparation</li> <li>• A2. 20 % to 30% of questions set, shall be answerable by hardworking students i.e. average students and</li> <li>• A3. 10% to 20% of questions set, shall be answerable only by hard working and bright students who refer to all the material available i.e. above average students.</li> </ul> </li> <li>4. Case study / application type questions can be asked to explore the skills (practical / application) by the students especially in elective subjects.</li> <li>5. Case study questions can be properly framed with the consideration of syllabus content.</li> <li>6. Questions coverage can be given on additional topics beyond the syllabus content (especially for higher semester subject/electives)</li> <li>7. Blooms taxonomy can be given importance with the level of knowledge.</li> <li>8. Repetition of same / similar taxonomical verbs can be avoided in all type of questions.</li> <li>9. Importance can be given to concept based questions while setting up of question paper.</li> </ol>	<p>The comments are only guidelines for future improvement. All the faculty members are apprised of this in the faculty meeting held on 14.09.2018 and a letter has also been sent to each faculty separately.</p>
5.	<p><b>Laboratory</b></p> <ul style="list-style-type: none"> <li>• Laboratory observations may be recorded in separate note book (not in Manual)</li> <li>• Experimental procedures must be written in passive voice in the laboratory record</li> <li>• Separate rubrics can be developed for the laboratory assessments</li> <li>• Observation note / Record note book must be written with significance of the results obtained from the experiments.</li> </ul>	<ul style="list-style-type: none"> <li>• Will be implemented in the next semester</li> <li>• Will be implemented in total this semester itself.</li> <li>• Rubrics will be developed and followed in the next academic year</li> <li>• Will be implemented in total this semester itself.</li> </ul>

6.	<p><b>OVERALL:</b></p> <ul style="list-style-type: none"> <li>• Course Schedule / Plan Good</li> <li>• Maintenance of Attendance and Assessment record Good</li> <li>• Additional Topics Covered Minimum</li> <li>• Course File Informative</li> <li>• Quality of Assignment Questions Good</li> <li>• Standard of Question Paper Satisfactory</li> <li>• Question Paper Coverage of Syllabus Satisfactory</li> <li>• Valuation of Answer Papers Normal</li> </ul>	<ul style="list-style-type: none"> <li>• Not required</li> <li>• Not required</li> <li>• Faculty are advised to discuss case studies in each subject from this semester itself</li> <li>• Not required</li> <li>• Not required</li> <li>• Not required</li> <li>• Not required</li> <li>• Not required</li> </ul>
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HoD

  
Dean (SET)





**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **MECHANICAL ENGINEERING DEPARTMENT**

S. No.	Comments from External Course File Auditor	Action Taken
1.	Many course files contain papers with zero marks. Though we ask Faculty members to keep answer scripts of low, medium and high performing students, it reflects poorly about the program when we show an empty paper in course file.	It is informed to all the faculty members not to keep the blank answer booklet with zero marks in the course files
2.	The course outcomes need to be formulated carefully. Certain Courses have only one CO (eg. FEM) and for certain courses the CO dent reflect the course content (eg. Mechanics of Solids, mechanics of Fluids, Mechanics of machines)	As per the Academic hand book of 2017-18 all the courses have six course outcomes
3.	CO attainment computation is to be done for lab courses also. This is essential because certain POs can be attained only through lab courses and their attainment can be ascertained only through these course outcomes.	It is informed to all the faculty members to complete the CO attainment for the lab courses also. Mr Wilson is requested to prepare and present the CO attainment excel sheet in the faculty meeting
4.	CO Attainment target for many courses are fixed as 100%, which is	It is proposed to fix the targets for courses as given below All theory subjects – 80% All Analytical subjects – 70%

	synthetic	All lab subjects – 90%
5.	As NBA and NAAC is talking about PSO along with PO, the whole exercise will be complete if we add 2-3 Program Specific Outcomes for each of the programs	The PSOs for the Mechanical Engineering program is formulated and published in the department Website
6.	The system of CO – PO mapping is done by faculty members. In many cases the faculty members have attempted to map COs to all 12 POs - which is conceptually wrong. This problem can be avoided by formulating CO – PO&PSO mapping by a small team of senior faculty at the department level	It is suggested to send a small team of faculty members to different universities like VIT,SRM to know the methodology of calculating the same
7.	CO-PO mapping must be same for courses with same course code	It is informed to all the faculty members stating that the CO-PO mapping should be same for courses with the same code
8.	M. Tech level theory and lab courses need to be designed in such a way that they are substantially at a higher plane than the B. Tech counterparts (eg. Mechatronics and Automation Lab advanced Vibrations Engineering Lab)	All the M. Tech level theory and lab courses are already designed at a higher level when compared with that of B. Tech level courses
9	Mechanics of solids Course is having certain important missing topics. Probably mechanical department can be asked to frame its own syllabus different from Civil Engineering course	As per the new academic hand book (2017-18) a separate syllabus with ME code is designed for Mechanics of solids Course(17ME2005)
10.	Detailed workshop can be conducted for the faculty to understand on how to map the various outcomes.	Request will be submitted to IQAC and KCDC office to conduct the FDP on CO-PO mapping during summer vacation



11.	Higher Order Thinking skills questions can be introduced in the question paper.	All the question papers are set by following the blooms taxonomy
12.	Question paper should have atleast one question (either conceptual or numerical) related to real-time applications	Already followed
13.	Blooms Taxonomy can be used as a guideline for setting the questions.	Already followed
14.	Tutorials be made mandatory and slot allocated in the time table for subjects which are considered highly numeric in content.	Already followed
15.	Separate monitoring and assessing mechanism is required for the slow learners	Remedial classes for slow learners are being conducted
16.	Faculty in charge of the lab shall conduct experiments, collect data and do the analysis. Lab manual shall be prepared by him/her.	Lab manual for all the lab courses are already available
17.	Apart from the list of experiments given in the syllabus, few experiments over and above what has been given should also be incorporated and conducted.	Already being followed in CAD lab



**HoD**



**Dean**



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**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **Aerospace Engineering**

S. No.	Comments from External Course File Auditor	Action Taken
1.	Internal question papers and end semester question papers are standard.	Noted
2.	One more outcome CO3 can be added in Aerodynamic - 14AE2006.	Six course outcomes have been incorporated.
3.	Answer scripts are corrected with reasonable assigned marks.	Noted
4.	CO and PO detailed documentary may be included.	Will be incorporated in the forth coming semester.
5.	The system of academic audit is quite robust and faculties have made sure that course files were properly aligned with the prescribed format.	Noted
6.	The weightage of different exams (Such as internal test, QA etc) can be provided along with the student marks downloaded from eduserve.	Will be informed to IQAC
7.	10 percentage of students may be provided with 'O' grade to have a fairer distribution of grades amongst students.	Noted
8.	The title of internal assessment report may be reviewed.	Will be informed to IQAC

*[Signature]*  
HoD-Aerospace Engg

22/5/2018

*[Signature]*  
Dean-E&T





**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

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

S. No.	Comments from External Course File Auditor	Action Taken
1.	Topics covered (as mentioned in software) is not correlating with teaching plan (mentioned through excel). Faculty members lack clarity in configuring the number of sessions.	The software process employed in eduserve to generate lecture topics taken report is malfunctioning and the date in which the lecture entered and the date available in the report are differing. The eduserve team shall take the corrective actions.
2.	Topics completion summary was inappropriate, since in most of the course files the summary was provided as few topics of syllabus was not taught, which implies full syllabus was not covered by the faculty.	At the end of the semester some of the classes were suspended due to administrative reasons. So the faculties were not able to finish some of the topics in the syllabus.
3.	Day wise topic coverage was declared in system generated 'topics covering details' and 'teaching plan', which is redundant.	The IQAC shall decide on this.
4.	Answer keys of internal assessment tests can be provided.	The IQAC shall decide on this.
5.	If more than one faculty member is teaching a course, then minutes of the meeting is necessary to document the discussion of topics for internal assessment 1, 2 and 3.	The subject experts committee meetings are conducted in the department periodically. The IQAC shall decide on inclusion of minutes of meetings of subject experts committee meeting.

6.	Only few faculties have substantiated with support documents for action taken for failures.	The concerned faculty are advised to attach the appropriate proofs.
7.	Feedbacks from students have to be collected for each course and faculty. Faculty's response for the feedbacks should be remarked.	The eduserve contains the provision to collect the subject wise feedback and to generate the report. The IQAC shall decide on inclusion of that subject wise feedback in the course files.
8.	Course outcomes for lab courses can also be defined and attainment can be measured.	The IQAC shall decide on this.
9.	I recommend adding lab exercise questions in course files.	The lab course files contain end semester question papers. The IQAC shall decide on inclusion of lab exercise questions in course files.
10.	If e-record is followed then uploads of students for each exercises can be filed as sample copies.	The printed sample of e-record will be attached in the course files in future.

  
HoD

  
Dean






**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

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

<b>S. No.</b>	<b>Comments from External Course File Auditor</b>	<b>Action Taken</b>
1.	Course outcomes can be fine-tuned for many courses based on the blooms taxonomy.	It will be undertaken during the next year syllabus revision.
2.	For many courses: Target and attainments can be verified.	Faculty members are asked to verify their course target and attainment during faculty meeting by HOD
3.	Percentage of target may be fixed based the course outcomes and the attainments may not be more than the targets.	Will be suggested during faculty meeting.
4.	S grade may be restricted to less than 10% of the class strength.	It will be informed to the faculty during faculty meeting. It will be rectified in future.
5.	In the semester examination question paper, compulsory question may be projected by case study in any one of the applications / design problems	It will be informed to the COE as well as discussed with faculty during faculty meeting.
6.	In the assignments diversified applications can be projected and it can be analysed/ validated through experimentation (Hardware) / simulations.	This comments will be considered and be informed to the faculty members during faculty meeting by HOD
7	For end semester question paper, adding unit's contribution to the questions may be good along with CO's	It will be informed to the COE

8	Please find a suitable text book at least later than 2010 for the courses offered. Books before 2010 can be added as reference books for convenience.	It will be updated during next syllabus revision meeting.
9	Evaluated answer sheets submitted for auditing should contain the reasons for reducing the marks for max. Marks.	Will be informed to the faculty during faculty meeting.
10	For 17EC1001, level of syllabus in unit IV and unit V are too advanced for a 1st year student. Unit 1-3 can be expanded to 1-5. Prefer syllabus revision.	It will be discussed, if necessary suitable modification may be done during CDC and BOS meeting.
11	Many courses with wireless communications are repeated.	It will be considered during next year syllabus revision.
12	A double review of QP is required (self and HOD).	Double review is in progress and will be considered more effectively in future.

  
HoD

  
Dean





**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

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

S. No.	Comments from External Course File Auditor	Action Taken
1.	Even though bloom's taxanomy is followed, few of the areas need improvement while framing questions. Typo's unnecessary usage of capital letters, not using prepositions and using first person sentences needs to be corrected.	The comments given by the external auditor is circulated to all the faculty members.  The mistakes mentioned by the external auditor will be corrected while framing questions in the upcoming semesters.
2.	Few of the faculty uses the unit conventions wrongly.	Correct unit conventions will be followed in future.
3.	Common question paper can be discussed and framed together by the faculty involved; thereby grammatical errors while framing question paper can be avoided.	Generally common question paper will be framed after discussion with the faculty members involved. Grammatical mistakes will be avoided in future.
4.	Few reasoning/scenario based questions can be posed to students to improve their thinking ability.	While framing question paper for core subjects 10% of questions are asked from previous year competitive examination like GATE, TRB etc. Practical application oriented questions are also included. Reasoning/scenario based questions will be asked in the upcoming semester to improve the thinking ability of the students

  
HoD

  
Dean



**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **Instrumentation Engineering**

S. No.	Comments from External Course File Auditor	Action Taken
1.	<b><u>Theory subjects:</u></b> Questions asked in Internal Test 1, 2, & 3 are very simple and not competitive.	Intimated to the faculty to prepare competitive questions.
2.	Direct questions in internal test and end semester should be avoided.	The suggestions will be incorporated in the forthcoming semester.
3.	Design and analytical type questions need to be asked to test their skills.	It will be followed from 2018-2019 ODD semester.
4.	Question in Test1-3 should be asked as per the level of PG students.	Faculty Members are advised to improve the question paper standard for PG level.
5.	Case studies need to be asked.	Intimated to the faculty to include the case study.
6.	Weightage of marks need to be justified based on the questions asked in the internal test and end semester exam.	The suggestions will be incorporated for the upcoming semester.
	<b><u>Laboratory Experiments:</u></b>	
1.	Only basic experiments / commands are reported for PG courses.	Faculty members are instructed to include advanced level experiments for PG level labs.
2.	Signal Analysis to be carried out for various BMI signals.	Signal Analysis of BioMedical Signals are carried out in Bio Signal Processing Lab.
3.	Experiments for UG & PG courses should be different.	The hardware experiments for Embedded, IoT and FPGA Labs for PG are different from UG Level Labs. The suggestions will be incorporated for the remaining labs.

HOD (IE)  
22/11/18

Dean





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### ACTION TAKEN REPORT ON THE COMMENTS GIVEN BY EXTERNAL COURSE FILE AUDITOR

EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18

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

S. No.	Comments from External Course File Auditor	Action Taken
1.	HOD's signature and date is missing in teaching plan	The Faculty members were asked to submit the copy of the teaching plan which is approved by the HoD and IQAC Coordinator.
2.	Maximum Marks and CO are missing in many answer scripts	The CO Mapping and Maximum Marks are requested to be ensured by the Exam Coordinators and answer scripts are to be scrutinized.
3.	Blooms taxonomy for QP setting is advisable	The Question papers are to be ensured by the exam coordinators before approving the same during the Internal Exams
4.	Form 10 and 11 is empty in most of the files	The CO, PSO for Media and Communication course is to be formulated and approved in the next BOS.
5.	For subjects with score more than 30% failure rate (Scoring less than 50% in test 1,2, 3) fill the comments column in 6A	The Internal course file audit is planned to be conducted from the Next semester to check the files for lapses from the next semester

**HoD**

**Dean**



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**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **Biotechnology / Bioinformatics**

S. No.	Comments from External Course File Auditor	Action Taken
1.	<b>Improvement in teaching material:</b> <ul style="list-style-type: none"><li>No detailed information provided</li><li>PPT's provided have no authenticity of course teacher</li></ul>	<ul style="list-style-type: none"><li>Detailed information need to be provided in terms of topic, topic number in teaching plan, Subtopic if any</li><li>In PPT's name of the faculty, slide number, date, topic, topic number in teaching plan should be mentioned</li></ul> To all Faculty
2.	<b>Record:</b> <ul style="list-style-type: none"><li>No periodical evaluation of the lab observation / record</li><li>Improvement should be made in assignments</li></ul>	<ul style="list-style-type: none"><li>Periodic evaluation should be conducted based on each lab handled and all things to be recorded date wise in observation /record book</li><li>Assignment should be given based on topic in teaching plan. Assignment should be based on problem solving skill.</li></ul> To all Faculty
3.	Mismatch of contents in Eduserve and class handling report must be rectified	Class handled report must match with teaching plan in terms of lecture no and lecture no in class handled report must match. To all Faculty
4.	Topics that are given for assignments should be from syllabus	To all faculty
5.	Uniform distribution of questions were not observed in the End Semester Question paper	Equal weightage should be given based on unit and topic. To all faculty
6.	Internal Assessments should be conducted at periodic interval	To all Faculty

*John Thomas*  
9/10/18

**HoD**

*John Thomas*  
10/10/18

**Dean**



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**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

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

S. No.	Comments from External Course File Auditor	Action Taken
1.	HOD signature is missing in Teaching plan	Faculty members are informed to get HoD signature before submitting the Teaching Plan.
2.	CO attainment is missing in few files	Faculties are instructed to submit the CO attainment (graph) in the course file
3.	Grade details were not provided in few files	Concerned faculties are asked to furnish the detailed report of the grades.
4.	Few forms were incomplete	Faculties are advised to provide the complete information for the course files.

15/9/18  
HoD

15/9/18  
Dean



**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **AGRICULTURE**

S. No.	Comments from External Course File Auditor	Action Taken
1.	Shifting to adoption ICAR – 5 <sup>th</sup> dean’s committee syllabus is more relevant. This will be helpful for the students who are currently pursuing their studies to enter in to Master’s degree programme in other Universities	Steps are already been taken
2.	The lecture schedule should be made from the reference book cited in the syllabus and if the reference book is not available – show the test book ref. accordingly.	Steps are already been taken
3.	The mid-term exam should be conducted on 45 <sup>th</sup> working day.	Exams are conducted on 50-55 <sup>th</sup> working day since 105 days requires for a semester as per ICAR norms
4.	Adoption of uniform pattern of question paper is needed.	It is followed
5.	Course no. 17AG1007 - Principles of Genetics and Genomics: The reference books cited in the syllabus is not related to the books used in teaching plan – references. Also in the teaching	Incorporated the recommendation



	plan, in courses like 17AG1007, only http:agrimoon is mentioned. Similar thing was observed in all the courses.	
6.	Course no. 17AG009 – Dimensions of Agricultural Extension: Request to shift the course to final year of the degree programme. Similarly course no. 17AG1008 – Agricultural Economics may be taught after 5 <sup>th</sup> semester onwards. Having this course at first year level will lead to the failure of this course.	It is included, based upon the ICAR Fifth Deans’s committee report (Page No. 74 and 75). Further re-scheduling of the courses as suggested by the expert is not possible as the reason cited above.
7.	Improvement in teaching plan is needed	Already incorporated the improvement-based on the KITS training during summer vacation
8.	Try to avoid power point presentation in I or II year and the quality of some of the ppt shown in the teaching file is not relevant.	It will be strictly implemented
9.	Periodic evaluation of the syllabus by the students will certainly improve the curriculum of the degree programme.	Steps are initiated in this regard.

*h. m. s. sharma*  
HoD (Agri) 4/11/18

*Dr. J. K. Singh*  
09/10/18  
Dean (SABS)



**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

11.09.18

Name of the Department: **ENGLISH**

**Submitted to The Director – Quality Assurance and Accreditations**

Sub: Action taken report on the outcome of course file audit – reg.  
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The faculty members were informed of the outcome of the academic audit conducted on the course files of both theory and practical subjects of the Department of English. We also had a discussion on the comments from the External course file Auditor. I am presenting below the action taken report.

S. No.	Comments from External Course File Auditor	Action Taken
1.	Attendance marking	Common policy throughout KITS
2.	Little more stress can be given Listening and Reading Skills.	Students are trained on <b>all the four skills viz., Listening, Speaking, Reading and Writing</b> always. In the record note book, Writing and Speaking activities are done. Reading and Listening activities are done directly in the Manual.
3.	In grammar, Concord (Subject Verb Agreement) can be strengthened.	We have already incorporated it in the syllabus of 2018 batch of first year B. Tech students (18EN1001 English)

**HoD - English**

**Dean - SSAMM**





**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

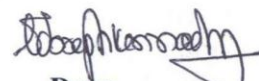
**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **MATHEMATICS**

<b>S. No.</b>	<b>Comments from External Course File Auditor</b>	<b>Action Taken</b>
1.	Scrutiny report duly signed by the scrutinizer and the question paper setting faculty may be added in the course file.	This is not the policy in our Institute, If it comes as policy, we will implement.
2.	For common question papers, scrutinizer should be a faculty not handling that course.	This is not the policy in our Institute, If it comes as policy, we will implement.
3.	Use quantifiable verbs for CO preparation. Better to use Blooms taxonomy	For all the courses which were passed in recent Academic Council, Bloom Taxonomy is followed to frame C&S.
4.	For Statistics related courses QA may be improved by incorporating techniques in data analysis, industry visit etc. with due credits given.	The suggestion will be applied in future
5.	Use Power Point Presentations for statistics teaching material	We are using already.
6.	Attendance record is not provided for many Course files.	When we scrutinized all the files, we observed the attendance record in all files.

7.	100% attainment of COs is observed in some courses which is unnatural.	The concerned faculty members will be asked to rectify these errors in future.
8.	Teaching material provided must be of better quality and must be prepared by the teaching faculty from different sources rather than providing photocopy from standard textbooks.	This suggestion will be passed on to all faculty members
9.	Rather than MCQ and Assessment tutorials more techniques may be adopted for quality assessment especially in courses related to statistics.	Our Internal Assessment is having MCQ's. Other than assignments, term papers also will be considered in future.

  
**HoD**

  
**Dean**



**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

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

<b>S. No.</b>	<b>Comments from External Course File Auditor</b>	<b>Action Taken</b>
1.	Question paper scrutiny report may be included	IQAC can get the report from COE office as it is done in COE office
2.	Many questions from the internal examination are repeated in the end semester examination. Modified versions of the questions are expected.	Instructions were given to Faculty to modify the end semester questions if any of the questions to be repeated
3.	Question paper should follow different levels of questions (difficult, medium, easy).	Suitable instructions will be given to faculty to follow these recommendation
4.	Analytical and applied types of questions should be included	Will be implemented in the forthcoming exams
5.	Include seminars for PG courses for quality assessment	Will be implemented
6.	To reduce the number of R grade, students should have given corrective measures after Test 1 or Test 2.	Already taken care through special coaching
7	For relative grading one or two 'O' grades can be given	It has to be considered by the COE

8	Laboratory manuals should follow the standard pattern	Standard pattern is followed for UG lab and PG lab manuals has to be standardized
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HoD



Dean

## ACTION TAKEN REPORT ON EXTERNAL COURSE FILE AUDIT

Even Semester of the Academic Year 2017-2018

Name of the Department: Chemistry, School: SSAAM

S. No.	Comments from External Academic Auditors	Action Taken
1)	Teaching Plan – Approved teaching Plan is not attached.	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting</p> <p><b>Solution:</b> 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).</p> <p>Type of Error / Information : <del>Individual</del> / <b>Common</b></p>
2)	HOD's signature is missing in many documents.	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting.</p> <p><b>Solution :</b> Mandatory duty of faculty members to get the signature from HOD's in course file forms.</p> <p>Type of Error / Information: <b>Individual</b> / <del>Common</del>.</p>
3)	No of classes conducted is lesser than the prescribed credit hours for many subjects.	Unrest of students led to shortage in working days.
4)	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	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting</p> <p><b>Solution :</b> Faculty members are emphasized to set questions on application. The quality of the question paper will be checked by 'Scrutinee Committee' before every internal.</p> <p>Type of Error / Information: <b>Individual</b> / <del>Common</del>.</p>
5) (5,6,10)	<p>i. Documents to support some of the Quality assessments are not provided in many files.</p> <p>ii. QA can be more in number to differentiate the</p>	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting</p> <p><b>Solution:</b> The faculty members are advised to attach proper assignments or posters and give more number of assignments.</p> <p>Type of Error / Information : <b>Individual</b>/ <del>Common</del></p>

	<p>iii. students well. More number of QA can be given for the possible improvement of R grade to P grade.</p>	
6)	CO target is more than attained. Measurements need verification in many files.	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting. <b>Solution:</b> Faculty members are asked to verify thoroughly on CO target for each subject. Type of Error / Information : <b>Individual/ Common</b></p>
7)	Comment and commitment by many of the faculty regarding Course Outcome attainment are missing	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting. <b>Solution:</b> Faculty members are instructed to be diligent to carry out Course Outcome attainment for each subject. Type of Error / Information : <b>Individual/ Common</b></p>
8)	The book used by the teachers (B.Tech) is not listed in the reference book.	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting. <b>Solution :</b> It will be included Type of Error / Information : <b>Individual / Common</b></p>
9)	By improving the depth of the testing components, the differentiation among the performance of the students can be brought out well	<p><b>Action:</b> To be informed to all faculty members through mail/Meeting. <b>Solution :</b> The faculty members are encouraged to give more analytical and innovative project work to those who are above the average level in aptitude Type of Error / Information : <b>Individual / Common</b></p>

  
HoD Chemistry

  
Dear - SSAMM





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**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **INFORMATION TECHNOLOGY**

S. No.	Comments from External Course File Auditor	Action Taken
1.	HoD's signature and date is missing in teaching plan.	Faculty members will be instructed to get the signature in their teaching plan and it will be verified.
2.	Maximum Marks and Cos are missing in many answer scripts.	Clear instructions are already given in this regard. Steps are taken to verify the same after every Internal Exam.
3.	Blooms Taxonomy for QP setting is advisable.	All the faculty in the department have undergone training during summer in QP setting. The same will be highlighted in the department meeting also.
4.	Form 10 and 11 is empty in most of the files.	The Arts and Science programmes are new, hence permission was requested from the department for excluding the same during the audit.
5.	For subjects with score more than 30% failure rate (scoring less than 50% in test 1, 2, 3) fill the comments column in form 6A.	Faculty members will be emphasized to make their comments in Form 6A.
6.	Few reasoning/scenario based questions can be posed to students to improve their thinking ability. For e.g. debugging of erroneous programs can be given for assignments	The faculty members will be asked to include such questions from the forthcoming internal exams.
7.	In Lab observations, while taking printout, the black background should be avoided.	This comment will highlighted to all the students and will be checked regularly.

*P. Raji Kishan*  
HoD 8/10/18

*Deen*  
Dean 8/10/18



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**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: **Management Studies**

<b>S. No.</b>	<b>Comments from External Course File Auditor</b>	<b>Action Taken</b>
1.	Finance domain courses – lesson plan given neatly with evaluation components, Course Outcome mapping also done properly	The Course Competence Components has been clearly specified and the assessment is done based on the rubrics mentioned for each component. Hence the outcome mapping is flawless.
2.	Mini project topics chosen for Business Research methods are very unique and different	Business Research Methods is closely linked with the industry strategic decisions, hence the mini –projects titles and topics are outstanding
3.	For few courses target is not set for CO measurement	Shared with the faculty who missed it out
4.	Supporting data is missing for CO measurement for most of the courses	Informed to the faculty to align with the norms
5.	Subject code mismatch in lesson plan, question paper	Shared with the faculty to follow the suggestions
6.	Answer scripts samples mix of engineering and management programmes	Few faculty handling both engineering and management courses are instructed to adhere to the requirements



7	In few courses, CO Mapping not done in Answer sheets	It is implemented and will be followed
8	Lesson plan without date taught and HOD approval	Shared with the faculty who missed it out and expect more diligence
9	CO not defined in syllabus but mentioned in question papers (16MS3011)	The syllabus has been replaced with the new one as per AICTE guidelines with CO in syllabus
10	Number of hours allotted is less for the course Operations research	Absence of faculty due to his ill-health and the classes taken by alternate faculty
11	Evaluation components can be mentioned clearly in lesson plan itself.	The advice is accepted and to be implemented. Few of the lesson plans has included the evaluation components. Shared with the faculty
12	For assessment, rubrics can be used	Rubrics for Course Competence Components has been instructed to students and are followed.

  
HoD

  
Dean

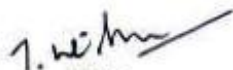


**ACTION TAKEN REPORT ON THE COMMENTS  
GIVEN BY EXTERNAL COURSE FILE AUDITOR.**

**EVEN SEMESTER OF THE ACADEMIC YEAR 2017-18**

Name of the Department: COMMERCE

S. No.	Comments from External Course File Auditor	Action Taken
1.	QP code/ subject code mismatch (17BC2016)	Shared with the concerned faculty to follow the suggestions and adhere to the norms
2.	Form No.10 & 11 not included in most of the files	Shared with the faculty who missed it out and advised more diligence expected in course file submission
3.	Lesson Plan without taught and HOD's approval	Shared with the faculty who missed it out and instructed to align with the course file norms and rectify the errors

  
HoD

  
Dean