



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

MHRD Approved & NAAC Accredited

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

INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT REPORT (Even Semester 2019-20)

Conducted by
External Experts





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External Course File Audit Report

Even Semester of the Academic year 2019-20

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Academic Course File Auditing Even Semester 2019-20

The list of Course file Auditors for the Even Semester of the Academic Year 2019-20

S.No.	Department	External Expert
1.	Civil Engineering	Dr. N. Ganesan Professor, NIT Calicut
2.	Mechanical Engineering	Dr. Vincent Herald Wilson Professor, VIT, Vellore
3.	Aerospace Engineering	Dr. P. Manivannan, Professor, Hindustan University, Chennai
4.	Electronics and Communication Engineering	Dr. Lyla B. Das Associate Professor, NIT - Calicut
5.	Electrical and Electronics Engineering	Prof. Sanjeeb Mohanty Associate Professor, NIT - Rourkela
6.	Biomedical Engineering & Robotics and Automation Engg	Dr. Elizabeth Rufus Professor, VIT, Vellore.
7.	Computer Science and Engineering	Dr. P. Santhi Thilagam, Professor & Head, NITK, Surathkal.
8.	Biotechnology	Dr. Arnold Emerson I Associate Professor, VIT-Vellore
9.	Food Processing Technology	Dr. N. Venkatachalapathy, Professor & Head Dept. of Food Engineering, IIFPT, Thanjavur
10.	Agriculture and Horticulture	Dr. Paul Mansingh J, Associate Professor, VIT, Vellore
11.	Mathematics	Dr. Sunil Jacob John, Professor of Mathematics, NIT, Calicut.
12.	Applied Physics and Nano-sciences	Dr. Jayakumar Balakrishnan Assistant Professor, IIT, Palakkad.
13.	English	Dr. R. Joseph Ponniah, Professor Dept. of Science and Humanities, NIT, Trichy.
14.	Management Studies	Dr. Sheena Associate Professor, NITK, Surathkal
15.	Commerce and International Trade	Dr. Dunstan Rajkumar Associate Professor, VIT, Vellore
16.	Digital Sciences	Dr. Jaidhar C.D. Associate Professor, NITK - Surathkal
17.	Applied Chemistry	Dr. Gobi K.V. Professor & Head, Dept. of Chemistry, NIT, Warangal.



**INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20**

DEPARTMENT OF CIVIL ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Civil Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr N Ganesan, Professor(HAG) & Dean (Rtd.) Department of Civil Engineering, National Institute of Technology, Calicut, KERALA STATE
Auditing Date	6.5.2021
Academic Year	2019-20 Even Semester

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

1. 'Student's feedback' is one of the important documents and the same is not provided.
2. In some cases, Questions set for the IA appears to be too simple for the time allotted and hence tougher questions could be set.
3. While setting questions, the Bloom's category parameters considered were only remember, understand, and apply in many cases. Attention may be given to incorporate analyze, evaluate and create especially in the analysis and design subjects.
4. In the case of MCQ, the number of choices should be uniform. In some MCQ it is noted that more number of choices were given for some questions.

5. In some course files, comments given by the faculty are not adequate. Faculty may give the reason for (i) the poor performance of students (more number of failures), (ii) unsatisfactory attainment of CO etc.
6. Some faculty opined that “online mode” as the reason for more number of failures and this reason cannot be accepted. Whether it is “online” or “off line” the delivery should be effective.
7. For effective understanding of engineering subjects, innovative teaching practices are essential. Some faculty have simply mentioned a few without giving documentary evidence such as ppts, photograph of field visits etc
8. In the action taken report, it is noted that many faculty members have utilized actions such as Tutorial or Extra classes. This may be alright when the number of failures is less. However, when there are many failures, more actions (which may include Assignments), need to be considered.

Dr N Ganesan
Signature of the External Auditor

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

Name of the Department : Civil Engineering									
School : Engineering and Technology									
Name and Address of the Auditor : Dr. N. Ganesan, Professor (HAG), NIT - Calicut									
Date of Audit : 6.5.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	DR.G.HEMALATHA	19CE2013	8	8	9	8	-	4.2	37.2
		18CE3014	8	6	7	7	3	4.8	35.8
2	DR.G.PRINCE ARULRAJ	18CE2055	8	9	9	8	4	-	38
3	DR. D. TENSING	17CE2014	9	9	9	8	4	3.79	42.79
4	DR.J. BREMA	18CE2019	8	9	9	8	4	4.6	42.6
		18CE3039	8	9	9	7	4	-	37
5	DR. R. MERCY SHANTHI	18CE3015	8	8	9	5	4	4.6	38.6
		17CE2037	8	8	9	8	3	4.6	40.6
6	DR.C.FREEDA CHRISTY	17CE2016	8	8	9	9	3	3.48	40.48
7	DR. C. GAJENDRAN	18CE3039	8	7	8	7	-	-	30
		17BB2027	8	9	8	-	-	3.96	28.96
8	DR. N. ANAND	18CE3034	9	9	8	9	5	5	45
		18CE3088	9	8	9	8	5	4.8	43.8
9	DR.S. VINCENT SAM JEBADURAI	18CE2018	8	8	7	8	3	4.4	38.4
		17CE2067	8	8	7	-	-	3.6	26.6
10	MR. E. ARUNRAJ	17CE2011	8	8	8	8	3	4.29	39.29
		18CE1001	8	7	8	7	3	-	33
11	DR. SNEHA GAUTAM	18CE2026	8	8	8	7	4	5	40
		18CE3050	8	8	8	6	4	-	34



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Odd Semester 2019-20

DEPARTMENT OF MECHANICAL ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Mechanical Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. Vincent Herald Wilson D Professor Grade 1 School of Mechanical Engineering Vellore Institute of Technology Vellore
Auditing Date	15.6.2021
Academic Year	2019-20 Even Semester

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

- 1.Guidelines to be given to faculty on fixing the percentage of CO attainment
- 2.Many are not filling in form -4 and hence becomes a redundant one.
- 3.Action taken by faculty based on the results is not furnished by many. Proof needs to be attached if it is taken seriously for the teaching learning process.
- 4.English communication has to be improved a lot. (eg Sl. No 19)
- 5.Form No.5 Quality assessment, most of them are only giving Assignment or MCQ. More varieties can be introduced for students to do better.
- 6.Questions for 70 marks are asked only for CO 1. (eg,Sl.No.22) Other COs are also should be covered.
7. Self-study report is to be taken bit more seriously

Signature of the External Auditor

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

Name of the Department : Mechanical Engineering									
	School : Engineering and Technology								
	Name and Address of the Auditor : Dr. Vincent Herald Wilson, Professor, VIT, Vellore.								
	Date of Audit : 15-06-2021								
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10	5 marks	5 marks	50
1	DR. L. GODSON ASIRVATHAM	18ME2037	8	8	8	9	2	Feed-back not given	38.8
2	DR. D.S. ROBINSON SMART	17ME2027	8	8	9	7	2	4.56	38.56
		18ME3014	8	8	9	7	2	4.92	38.92
3	DR. K. LEO DEV WINS	18ME2015	8	8	7	8	1	3.91	35.91
4	DR. P. SAM PAUL	19ME3003	8	8	8	7	3	4.56	38.56
5	DR. S.J. VIJAY	18ME2025	8	8	9	9	3	3.58	40.58
6	DR. S. ANTONY RAJA	18RO2002	8	7	8	8	3	3.48	37.48
7	DR. A. BRUSLY SOLOMON	17ME2024	8	8	7	8	3	3.86	37.86
8	DR. D. PHILIP SELVARAJ	17ME2025	8	8	7	8	3	3.89	37.89
9	DR. R. RAJA	17ME2025	8	8	8	7	3	4.02	38.02
		18MS2014	8	7	8	7	3	4.05	37.05
10	DR. B. JEFFERSON RAJA BOSE	17ME2024	7	7	7	8	3	4.1	36.1
11	DR. RAJAKUMAR S. RAI	17ME2027	8	7	8	7	2	4	36
12	DR. S. JOSEPH JOHN MARSHAL	17ME2024	8	7	7	7	3	4.22	36.22
		18ME2027	8	7	7	7	3	3.96	35.96
13	DR. M. WILSON KUMAR	17ME2017	7	6	7	7	3	3.56	33.56
14	DR. KONDRU GNANA SUNDARI	19ME1003	8	8	8	9	3	4.2	40.2
15	DR. SABITHA JANNET	18ME2025	7	7	7	7	3	4.09	35.09
		18ME3012	7	8	8	7	3	4.53	37.53
16	DR. GADUDASU BABU RAO	18ME2031	8	8	7	8	3	4.15	38.15
17	DR. J. DAVID RAJASELVAM	17ME2017	5	6	5	6	3	4.03	29.03
18	DR. M. SURESH	17ME2017	8	8	8	7	4	4.06	39.06
19	MR. KALAKANDA ALFRED SUNNY	17ME2031	7	7	6	7	3	3.71	33.71
20	DR. LIJIN GEORGE	17ME2025	7	8	7	7	3	4.08	36.08
21	DR. MONA SAHU	18ME2015	8	8	8	7	4	3.98	38.98
22	DR. S. MOHANASUNDARAM	17ME2017	7	7	7	5	2	3.79	31.79

23	DR. S. RAJESH RUBAN	17ME2054	8	7	8	7	3	4.37	37.37
24	DR. G. LAWRENCE	17ME2031	7	7	8	7	2	4.15	35.15
25	MR. X. AJAY VASANTH	17ME2031	7	8	7	7	3	4.24	36.24
		19ME1003	8	7	7	8	4	3.4	37.4
26	DR. P. JAYASEELAN	18ME2014	8	7	8	8	3	3.87	37.87
		18ME2016	7	8	7	8	3	3.86	36.86
27	MR. D.S. EBENEZER JACOB DHAS	17ME2017	7	8	7	8	3	4.2	37.2
28	DR. D. ARUL KIRUBAKARAN	17ME2031	7	7	8	7	3	4.11	36.11
		17ME2027	8	7	7	7	3	4.2	36.2
29	DR. R. MALKIYA RASALIN PRINCE	17ME2027	8	8	8	7	3	4.31	38.31
30	DR. PRAVEEN KUMAR BANNARAVURI	18ME2014	8	7	8	8	3	3.73	37.73



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF AEROSPACE ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Aerospace Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. P. Manivannan Professor School of Aeronautical science Hindustan Institute of Technology and Science Padur, Kelambakkam
Auditing Date	15/5/2021
Academic Year	2019-20 Even Semester

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

1. The Online Quality Assessments was very Innovative.
2. Include the various Innovative teaching methods
3. Please change the methods of corrective action
4. Properly fix the CO target.

Dr. P. Manivannan
Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Aerospace									
School : School of Engineering and Technology									
Name and Address of the Auditor : Dr. P. Manivannan, Professor, School of Aeronautical Sciences, Hindustan Institute of Science and Technology, Chennai									
Date of Audit : 15.5.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	DR.S.VENKATACHALAM	18AE2010	9	9	9	9	4	4.45	44.45
		17AE2031	9	9	9	5	3	3.7	38.7
2	DR.ALDIN JUSTIN	18AE2011	9	9	8	6	3	5	40
		17AE2025	9	9	9	7	3	3.8	40.8
3	DR.RAM KRISHAN SHARMA	18AE2023	9	9	8	9	3	4.25	42.25
4	MRS.R.GAYATHRI	17AE2023	9	8	8	8	3	3.8	39.8
5	DR.G.JIMS JOHN WESSLEY	19AE2005	9	9	9	9	4	Feedback not given	44.4
		14AE2030	9	9	9	9	4	4.23	44.23



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT –Even Semester -2020

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

EXTERNAL AUDIT REPORT

Name of the Department	Electronics and Communication Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Prof Lyla B. Das Associate Professor NIT - Calicut
Auditing Date	April 4,2021
Academic Year	2020 Even Semester

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

General Comments

1. The course files have been prepared very well, seemingly based on a common format.
2. All faculty (except two)have maintained a good report of their activities and their suggestions for further improvements.
3. Because of the common format, the margin of difference when evaluating them is very small.
4. Further, feedback from students seem to have been collected systematically .
5. There is nothing negative seen in the collection of data and preparation of the course files.
6. Because each course is unique and different from any other course, evaluation may also differ-for example, one course may be highly mathematical while another may be pure theory while another may be application oriented . The evaluation method must take into account the uniqueness of the content.
7. Because of online classes and online evaluations, many innovative practices are absent.

Lyla B.Das
Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Electronics and Communication Engineering									
School : School of Engineering and Technology									
Name and Address of the Auditor : Dr. Lyla B. Das, Associate Professor, NIT-Calicut									
Date of Audit : April 4, 2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. D. Nirmal	17EC2052	8	8	8	9	3	4.35	40.35
2	Dr. G. Josemin Bala	17EC2020	9	8	8	8	3	4.4	40.4
		18MS2002	9	7	8	8	4	2.5	38.5
3	Dr.(Mrs.) D.Jackuline Moni	18EC3037	9	9	8	8	4	0	38
		18EC2014	9	9	9	9	4	4.2	44.2
4	Dr. Shobha Rekh	19EC2010	9	8	8	9	4	0	38
		19EC2001	8	8	9	8	4	5	42
5	Dr. Robinson Paul	19EC2001	8	8	9	8	4	0	37
6	Dr. N.M. Siva Mangai	18EC3039	9	9	8	8	4	0	38
		17EC2050	9	9	9	8	4	4.15	43.15
7	Dr. Nesasudha M	18EC2014	9	9	9	8	4	4.17	43.17
		17CS2003	9	8	8	8	4	4.35	41.35
8	Dr. Jude Hemanth D	17ec2064	9	8	8	8	3	3.94	39.94
		14CS2005	9	9	9	8	3	0	38
9	Dr. Abraham Chandy D.	17EC2042	9	9	9	9	4	0	40
		18MS2002	9	8	8	8	3	4.34	40.34
10	Dr. Anitha J	17EC2041	9	9	9	9	3	5	44
		18BM2018	9	8	9	9	3	4.11	42.11
11	Dr. Shylu D.S	18EC3038	9	9	9	9	3	0	39
12	Dr. Shanthini Pandiaraj	19EC2010	8	8	9	9	3	0	37
		18BM2018	9	9	9	9	3	0	39
13	Mrs. D. Jasmine David	18EC2006	9	9	6	9	3	4	40
		18MS2002	9	8	9	9	3	4	42
14	Dr. Sridevi Sathya Priya	17CS2012	9	9	9	9	4	4.73	44.73
		18EC2028	9	8	9	8	4	4.21	42.21
15	Dr. Immanuel Alex Pandian	18EC2008	9	8	9	9	4	3.8	42.8
		18EC2006	8	9	9	9	3	0	38
16	Dr. Roopa Jayasingh	18BM2018	9	9	9	8	4	3.5	42.5
17	Dr. G Manoj	17EC2020	8	9	9	9	3	4.1	42.1
		17EC2039	8	9	9	8	4	0	38
18	Dr. Raveena Judie Dolly	18EC2022	8	8	8	9	3	4.2	40.2
		17CS2012	9	9	9	9	4	4.72	44.72
19	Dr. D J.Jagannath	16EI2002	0	0	0	0	4.6	4	
20	Dr. D. Narain Ponraj	19EC1003	9	8	8	9	3	0	37
21	Mrs. G.Shine Let	17EC2018	8	9	9	9	4	4.6	43.6
22	Ms. Thusnavis Bella Mary	18EC2008	9	9	9	9	3	4.43	43.43
		18EC2008	9	9	9	9	3	0	39
23	Dr. Diana Andrushia	17EC2019	9	9	8	8	3	4.45	41.45
		17BM2015	8	8	9	9	3	4.1	41.1
24	Mrs. S. Radha	17EC2018	9	9	9	9	3	4.33	43.33
25	Dr. K. Martin Sagayam	17EC2019	8	4	8	9	3	4.25	36.25
		19EC2001	8	4	8	8	3	0	31
26	Mr.A.Amir Anton Jone	17EC2019	8	4	8	8	3	3.1	34.1
27	Mrs. M A P.Manimekalai	17EC2018	8	9	9	9	3	4.43	42.43
28	Mr. S. Merlin Gilbert Raj	17EC2020	9	8	9	8	3	3.5	40.5
29	Mr.Alfred Kirubaraj	18EC2022	9	9	9	9	3	4.4	43.4
		18EC3042	9	9	9	8	3	0	38
30	Mr. Shajin Prince	19EC1001	8	8	9	9	3	4.6	41.6
31	Mrs. T. Mary Neebha	18EC2022	9	9	9	9	3	4.15	43.15
		17CS2012	9	9	9	9	3	2.8	41.8
32	Mr. A.S. Augustine Fletcher	18EC3040	9	9	8	8	3	0	37
33	Ms. C. Suganthi Evangeline	17EC2029	9	9	9	9	4	4.33	44.33
		18EC2028	8	9	9	9	3	4.23	42.23
34	Mrs. P. Malin Bruntha	17EC2018	9	9	9	9	3	5	44
35	Mr. J. Jenkin Winston	17EC2019	8	9	9	9	3	4.8	42.8
		17EC2044	9	8	8	9	3	0	37
36	Mrs. R. Catherine Joy	17EC2020	8	9	9	9	3	4.2	42.2
37	Dr. Tony Jose	18EC2006	9	9	8	8	4	4.32	42.32
38	Dr. G. Anushiya Rachel	18EC2014	9	9	9	8	3	4	42
39	Mrs. Jenifer June	17MC2012	9	8	8	9	3	4.4	41.4
		14VC3013	9	9	8	8	3	4	41
		17MC2005	8	8	9	9	3	4.2	41.2
40	Mr. J. John Paul	19EC2010	8	8	9	8	4	4.1	41.1
41	Mr. H. Victor Du John	18EC2028	9	9	9	9	3	4.03	43.03
42	Mr. Praveen Immanuel	19MT2003	9	8	9	8	3	0	37

42	Mr. Ebenezer Immanuel	17MC2009	8	9	8	8	4	0	37
43	Dr. Emmanuel Joy	17MT2007	9	9	9	8	3	4.47	42.47
		17MC2019	9	9	9	8	3	3.96	41.96
44	Mr. Debie Shajie	19MT2004	9	8	9	8	3	0	37
45	Mr. Samson Immanuel J.	17CS2012	8	9	8	9	3	3.6	40.6



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 – EvenSemester 2019-20

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Electrical and Electronics Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. M. Kowsalya Professor School of Electrical Engineering VIT University Vellore -632014
Auditing Date	21.04.2021
Academic Year	2019-20 Even Semester

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

1. Lesson plan can be given in detail
2. CO analysis if target not met action taken can be included with proof for assessment
3. Feedback not available
4. Answer key can be included
5. Sample notes can be added

Signature of External Auditor

	Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
	Name of the Department : Electrical and Electronics Engineering								
	School : Engineering and Technology								
	Name and Address of the Auditor : Dr. M. Kowsalya, Department of Energy and Power Electronics, School of Electrical Engineering, VIT - Vellore.								
	Date of Audit : 21 April 2021								
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	DR. A. IMMANUEL SELVAKUMAR	19EE2039	NA	8	8	9	4	4.9	
2	DR. J. JAYAKUMAR	19EE2051	9	9	9	9	4	4.33	44.33
		19EC1003	9	9	9	9	4	4.27	44.27
3	DR. EVELYN BRINDHA	17EC2008	9	9	9	8	4	4.36	43.36
4	DR. V. JEGATHESAN	18EE2010	9	9	9	9	4	3.94	43.94
		18EC2030	9	9	9	9	4	3.98	43.98
5	DR. PRAWIN ANGEL MICHAEL	19EE1004	9	9	9	9	4	3.68	43.68
6	DR. M.S.P. SUBATHRA	17EE2009	9	9	9	9	4	3.96	43.96
		19EE2034	9	9	9	9	4	3.69	43.69
7	DR. SHANTY CHACKO	18EC2030	9	9	9	8	4	3.85	42.85
		18EE3015	9	9	9	8	4	4.13	43.13
8	DR. F.T. JOSH,	18EE3017	8	8	8	7	3	4.27	38.27
		19EC1003	9	9	9	9	4	4.65	44.65
9	DR. S. PAUL SATHIYAN	18EC2028	9	9	9	8	4	3.83	42.83
10	DR. P. VENKATESH KUMAR	17EE2008	9	9	9	8	4	3.67	42.67
		18EE2008	9	9	9	9	4	0	40
11	DR. R. MEENAL	18CS1004	9	9	9	9	4	3.88	43.88
		18EI3020	9	9	9	9	4	4.58	44.58
12	DR. J. JENCY JOSEPH,	17CS2012	9	9	9	9	4	3.45	43.45
		17EE2005	8	9	9	9	4	3.54	42.54
13	DR. C. BENIN PRATAP	19EC1001	8	9	9	7	3	4.02	40.02

14	DR. P. NAGABUSHANAM	18EC2005	8	9	9	8	4	3.82	41.82
15	DR. A. ALBERT RAJAN	18BM2018	7	7	7	5	3	3.88	32.88



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF BIOMEDICAL ENGINEERING AND ROBOTICS ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Biomedical Engineering and Robotics Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. Elizabeth Rufus Professor, School of Electronics Engineering Vellore Institute of Technology, Vellore 632014
Auditing Date	12 th July 2021
Academic Year	2019-20 Even Semester

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

1. Assessments can be focused more towards design aspects, application and analysis.
2. CO attainment may be fixed same for all in one course.
3. Innovative teaching methods to be evolved and used by teachers.

Signature of the External Auditor

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

Name of the Department : Biomedical Engineering

School : Engineering and Technology

Name and Address of the Auditor : Dr. Elizabeth Rufus, Professor, VIT, Vellore.

Date of Audit : 12.7.2021

S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. S. THOMAS GEORGE	18BM3003	8	8	8	9	4	4.4	41
2	Dr. D. PAMELA	18BM3016	8	8	8	7	3	4.47	38
		17EI2012	8	8	8	7	3	4.81	39
3	Dr. P. MANIMEGALAI	18BM2004	8	8	8	7	4	4.01	39
4	Dr. P. SUBHA HENCY JOSE.	19BM2031	8	8	8	8	4	3.7	40
		18BM3004	8	8	8	8	0	4.49	36
5	Dr. J. SAMSON ISAAC.	18BM3020	8	8	8	7	4	4.56	40
		17BM2014	8	8	8	7	4	4.08	39
6	Mrs. D. HEPSIBA.	18RO2005	8	8	8	8	4	4.49	40
		17EI2024	8	8	8	8	4	4.77	41
		17BM2025	8	8	8	8	4	4.08	40
7	Dr. NISHI SHAHNAJ HAIDAR	18EI3017	8	8	8	8	4	5	41
		17BM2016	8	8	8	7	3	4.03	38

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

Name of the Department : Robotics Engineering									
School : Engineering and Technology									
Name and Address of the Auditor : Dr. Elizabeth Rufus, Professor, VIT, Vellore.									
Date of Audit : 12.7.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10	5 marks	5 marks	50
1	DR.P.RAJALAKSHMY	18RO2008	8	8	8	7	4	4.21	36
		19RO2018	8	8	8	8	4	4.58	36
2	MR.GERARD JOE NIGEL	17EI2014	8	8	8	7	4	4.64	35
		18EI3003	8	8	8	8	0	5	32
		18EI3005	8	8	8	8	0	4.95	32
3	DR. P ANANTHACHRISTU RAJ	18RO2003	8	8	8	8	4	4.36	36
		17EI2013	8	8	8	8	4	4.79	36
4	DR. L. D. VIJAY ANAND	18BM2007	8	8	8	8	4	3.88	36
		17EI2020	8	8	8	8	4	4.76	36
5	DR. X. ANITHA MARY	18EI3004	8	8	8	8	3	5	35
		18EI3021	8	8	8	8	3	5	35
		17EC2008	8	8	8	7	3	4.38	34
6	MR.P KINGSTON STANLEY	18RO2006	8	8	8	7	3	4.09	34
		17BM2026	8	8	8	7	4	4.52	35



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2019-2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXTERNAL AUDIT REPORT

Name of the Department	Computer Science and Engineering
Name of the School	Engineering and Technology
Name and Address of the External Auditor	Dr. P. Santhi Thilagam, Professor, Department of Computer Science & Engineering, NITK, Surathkal.
Auditing Date	4.07.2021
Academic Year	Even Semester 2019-20

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

1. It is observed that advanced curriculum and syllabus is in practice.
2. It observed that course plans for teaching are well prepared and maintained.
3. It is observed that curricular plans are executed in a planned manner to achieve the course outcomes.
4. There is an appropriate and up-to-date teaching and learning strategy in the Department
5. It is observed that reliable assessment process is followed through the use of standard evaluation components.
6. There are no details found to ensure that assessments are performed as planned, and action taken on students' feedback to improve the teaching quality as well as course quality.
7. It is to suggest that department can define the key quality indicators of student performance based on the POs.
8. It is to suggest that more add-on courses suggested by NASSCOM, SWYAM, NSF etc. can be included.
9. It is to suggest that department can come up with one new best teaching-learning practice every year
10. Interdisciplinary projects with industry partners can be planned
11. Considering the present pandemic situation, Students counseling file can be maintained at the department level.


Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Computer Science and Engineering									
School : School of Engineering and Technology									
Name and Address of the Auditor : Dr. P. Santhi Thilagam, Professor, NITK, Surathkal									
Date of Audit : 4.7.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr.J.Immanuel Johnraja	17CS2042	10	9	9	10	5	4.43	48
2	Dr.Kumudha Raimond	19CS2002	10	9	9	10	5	4.33	48
		18CS2013	10	9	9	10	5	4.26	48
3	Dr.E.Kirubakaran	18MS2001	10	8	9	10	5	4.26	46
		18CS3017	10	8	8	9	4	0	43
4	Dr.E.Grace Mary Kanaga	17CS2019	10	9	9	10	4	3.79	46
		18CS3013	10	9	9	10	4	5.00	46
5	Dr. S.Salaja	17CS2016	10	8	9	9	5	4.09	45
		17CS2022	10	8	8	10	4	4.16	44
6	Dr. J. Dinesh Peter	18CS2094	10	8	8	10	4	0	44
7	Dr. G. Jasper Kathrine	17CS2010	10	8	8	8	5	4.18	43
		18CS3027	9	7	7	8	4	0	39
8	Dr.A.Shamila Ebenezer	19CS2012	8	7	7	8	4	0	38
		18EC2028	8	8	7	8	4	3.90	38
9	Dr.P. GetziJeba	19CS2002	8	7	7	8	4	4.20	38
		18CS3002	8	7	7	8	4	5.00	37
10	Dr.A.Ketsy Prabavathy	17CS2010	8	8	8	8	4	3.91	40
		18CS2024	8	8	7	8	4	3.56	39
11	Mrs.S.Durga	18CS2068	7	7	7	7	3	4.25	35
		17CS2019	7	8	7	7	3	3.92	35
12	Dr.K.Ramalakshmi	18CS3031	9	7	8	8	4	5.00	41
		17CS2019	9	8	7	8	3	4.06	38
13	Dr. R. Venkatesan	18CS2004	9	8	8	8	4	4.25	41
		18CS2086	9	8	7	8	8	3.79	44
		14CS2040	8	7	7	7	3	0	36
14	Dr.G.Naveen Sundar	17CS2010	8	8	7	8	3	4.04	37
15	Dr. D. Sujitha Juliet	17BI2015	9	7	8	8	4	4.73	41
		19CS2010	9	8	7	8	4	0	39
16	Dr.J.Anitha	19CS2002	8	8	8	8	3	0	39
		17CS2022	8	8	7	8	3	3.99	38
17	Mr.V.M.Arul Xavier	18CS2068	8	7	7	7	3	4.06	36
		18CS2068	9	8	7	8	3	4.06	38
18	Dr.M.Roshni Thanka	18CS2068	8	7	8	8	3	4.20	39
		17CS2016	9	8	7	8	3	4.28	38
19	Dr. E. Bijolin Edwin	18CS2018	7	8	8	7	3	3.77	37
		17CS2062	8	8	7	8	3	4.51	38
20	Mrs. Esther Daniel	17CS2062	9	7	7	7	3	3.94	37
		17CS2022	9	8	7	8	3	4.16	38
21	Dr.M. Mythily	18CS2068	9	7	8	8	4	4.27	41
		18CS2018	8	8	7	8	3	3.73	37
22	Dr.T.Jemima Jebaseeli	18MS2001	8	8	8	7	3	4.25	38
		18CS2018	9	8	7	8	3	4.22	39
23	Mr.Bright Gee Varghese R	18CS2068	8	7	7	7	3	4.37	36
		18CS1004	9	8	7	8	3	5.00	38
24	Mr.S. Iwin Thanakumar	18CS2094	9	7	8	7	3	0	39
		19CS3001	9	8	7	8	3	4.60	38
25	Mr.V.Karunakaran	17CS2016	9	8	8	7	3	4.29	39
		18CS2010	9	8	7	8	3	3.68	39
26	Dr.Privadorchini C	18CS3105	8	7	7	7	3	0	36

26	Dr. Niyadashini.C	17CS2068	9	8	7	8	3	3.80	38
27	Ms.I.Deva Priya	17CS2019	8	7	8	7	3	3.72	38
		17CS2022	8	8	7	7	3	3.99	36
28	Mrs. S. Jeba Priya	18CS2004	7	8	8	7	3	3.84	37
		17CS2010	8	8	7	8	3	4.06	38
29	Mrs. D. Narmadha	18CS2004	8	7	7	7	3	3.95	36
		17CS2010	8	7	7	8	3	4.24	36
30	Mrs. T Mathu	18CS3001	10	7	8	6	4	5.00	38
		18CS2004	8	7	7	8	3	3.94	36
31	Mrs.J.A.M. Rexie	18CS2010	10	7	8	6	4	3.98	38
		18CS2068	8	7	7	8	3	3.94	36
32	Mr.Sebastian Terence	18CS2010	10	7	8	6	4	4.14	38
		18CS1004	8	8	9	7	5	3.82	40
33	Mr.J.Andrew	17CS2022	10	8	9	8	3	4.14	41
		18CS1004	10	7	9	6	5	0	40
34	Mr.Belfin R V	19CS1001	8	9	7	6	5	3.96	39
		18CS1004	9	8	7	7	5	3.52	39
35	Mr. BL RadhaKrishnan	18CS2068	8	8	8	7	5	4.03	39
		17CS2062	9	9	7	8	3	4.18	39
36	Mr.S. Basil Xavier	18MS2001	9	9	7	8	3	3.18	39
		16CS2016	9	7	8	6	4	0	38
37	Mr.Shibin David	18CS1004	9	7	8	6	4	3.65	38
		19CS2010	8	9	7	6	5	0	39
38	Dr.J .Jebaveerasingh	18CS2010	10	8	8	7	5	4.06	41
		17CS2016	10	8	8	7	5	4.58	41
39	Mr. V. Ebenezer	19CS1001	9	7	8	6	4	4.25	38
		18CS1004	9	7	8	6	4	3.61	38
40	Dr. Abishek	19CS2002	9	7	8	6	4	3.99	38
		19MT2010	10	8	8	7	5	0	41
41	Dr.G. Naveen Sundar	17CS2010	9	7	8	6	4	4.04	38
42	Ms. S. Akila Agnes	19CS1001	9	7	8	6	4	0	38
		19CS1002	9	7	8	6	4	0	37
43	Dr. Abhishek Majumdar	19CS2002	10	8	9	7	5	3.99	43
		19MT2010	9	9	7	8	3	0	39



INTERNAL QUALITY ASSURANCE CELL

External Course File Audit – Even Semester 2019-20

EXTERNAL AUDIT REPORT

Name of the Department	Biotechnology
Name of the School	Agriculture and Biosciences
Name and Address of the External Auditor	Arnold Emerson I. Associate Professor, Bioinformatics Programming Lab, Department of Biotechnology, School of Bio Sciences and Technology, Vellore 632014.
Auditing Date	7 th May 2021
Academic Year	2019-20 Even Semester

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

1. All the course file materials were maintained very well in the department.
2. The faculty should follow a unique format to provide the goals and objectives, teaching methods, and assessment.
3. Faculty should start exercising novel assessment methods instead of quizzes and assignments.
4. Attainment of CO and PO, few faculties have used 1 to 6 levels instead of 1 to 3.
5. Student feedback questionnaire should be prepared within 10 statements.

Arnold Emerson I
Signature of the External Auditor

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

Name of the Department : Biotechnology									
School : Agriculture and Biosciences									
Name and Address of the Auditor : Dr. Arnold Emerson I, Associate Professor, Dept. of Biotechnology, VIT, Vellore.									
Date of Audit : 7-05-2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10	5 marks	5 marks	50
1	DR. JIBU THOMAS	18BT2004	8	9	10	10	5	4.23	47
2	DR. V.M. BERLIN GRACE	17BT2037	9	9	10	9	4	4.59	46
3	DR. J. JANNET VENNILA	17BI2006	10	10	10	9	5	4.52	49
		17BT2004 & 18BT2004	9	9	10	9	5		47
4	DR. S. MURUGAN	19BT3002	8	8	10	9	4	4.2	44
		18MS2014	9	9	8	5	4	4.14	40
		18AG1008	8	8	9	5	4		39
5	DR. M. LAKSHMI PRABHA	17BT2018	9	10	10	9	5	4.14	48
		18BT2056	9	10	10	9	5	3.98	48
6	DR. REYA ISSAC	17BT2024	10	9	10	10	5	4.22	49
7	DR. S. KAVITHA	19CS2012	9	9	10	9	5	3.75	47
		18MS2014	10	9	10	9	4	3.63	47
8	DR. C. VANI	19BT3020	10	9	10	9	5	4.6	48
		18FP1001	10	10	9	9	5	4.02	48
		18AG1016	10	9	9	10	4		47
9	DR. R.S. DAVID PAUL RAJ	17BT2045	10	10	9	10	5	4.37	49
		18AG1016	10	10	9	9	5		48
10	DR. P. LEVIN ANBU MICHEL C	17BT2028	10	10	9	10	5	4.31	49
		18AG1016	10	10	9	9	5		48
11	DR. M.S.A. MUTHU KUMAR	17BI2008	10	10	9	9	5	4.61	48
		19BT3026	10	9	10	9	5	4.4	48
		19BM1001	10	10	9	10	5	4.08	49
12	DR. T. JESSE JOEL	18FP1001	10	10	9	10	5	4.25	49
		19BT3021	10	9	10	10	5		49
		17BT2060	10	9	10	10	5		49
		14BT2041	10	10	9	10	5		49

13	MRS. ANU JACOB	17BT2028	10	10	9	9	5	4.31	48
		18AG1016	10	9	9	9	5		47
14	DR. BISWANATH MAHANTY	17BT2024	10	10	9	10	5	4.02	49
		19BT3003	10	10	10	9	5	4.8	49
15	DR. PINAKI DEY	18BT2010	10	10	9	10	5		49
16	DR. D. PREMNATH	17BI2001	10	10	9	10	5	3.86	49
		17BI2014	10	9	10	10	4	4.56	48
17	DR. PRATHAP S	18BT2026	10	10	9	10	5		49
		18AG1008	10	9	10	9	5		48
18	DR. KANTI KUSUM YADAV	17BT2018	10	9	10	9	5		48
		18AG1008	10	9	10	10	5		49



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF AGRICULTURE

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Agriculture
Name of the School	VIT School of Agricultural Innovations and Advanced Learning – VAIAL
Name and Address of the External Auditor	Dr. Paul Mansingh, J. Associate Professor VIT, Vellore
Auditing Date	7.6.2021
Academic Year	2019-20 Even Semester

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

I wish to give my comments/suggestions after going through the course files. Over all the quality of teaching plan and assessments are good. The following are the comments/suggestions given by me.

1. Regarding Mid-term

Multiple choice based questions can be replaced with higher order and application based questions. Unannounced quizzes may be conducted.

2. Assignments

The students may be given with a problem statement and mentor them to come up with possible solutions.

3. Question paper settings

It is better to have higher order thinking questions during mid- term and final tests.

4. Innovative teaching methods

Innovative teaching methods may be improved by including experiment and project based learning, Jigsaws, QR codes, brainstorming sessions, etc.

Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
Name of the Department : Agriculture								
School : Sciences, Arts, Media and Management								
Name and Address of the Auditor : Dr. Paul Mansingh J, Associate Professor, VIT, Vellore								
Date of Audit : 7.6.2021								
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks for
			10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. Jenita Thinakaran	18AG2031	8	6	7	3.5		35
2	Dr. Philip Sridhar	18AG 2033	8	7	8	3.5		38
3	Dr. M. Suguna Devakumari	18AT2042	8	8	7	3.5		38
		18AG2015	8	8	7	3.5		38
		18AG 2012	8	7	7	3.5		36
4	Dr. Praveena Katherine	18AG1013	8	8	9	3.5		40
		18AG 2012	8	7	9	3.5		39
5	Dr. Sumaya Parveen	18AG1011	8	7	7	3.5	4.71	37
		18HO2023	8	6	7	3.5		35
6	Dr. V. Kavitha	18AG2013	8	6	6	3.5		34
		18HO2020	8	6	7	3.5	4.44	36
7	Dr.Usha Nandhini	18AG1012	8	7	7	3.5	4.4	37
		18AG2034	8	6	7	3.5		35
8	Dr.B. Madhmitha	18AG1010	8	7	8	3.5		38
9	Dr.Jayapradha	18HO2010	8	7	7	3.5		36
		18AG2030	8	8	7	3.5		38
10	Dr.V.S.Suganthy	18AG2027	8	7	7	3.5		36
		18 AG 2029	8	8	7	3.5		38
11	Dr.Susan Poonguzhali	18AG 1013	8	7	7	3.5	4.47	37
		18 AG 2029	8	7	7	3.5		36
12	Dr.J. Patricia Kalai Arasi	18AG2016	8	7	8	3.5		38
		18AG2016	8	7	8	3.5		38
13	Mrs. S. Sowmeya	18AG2009	8	7	7	3.5		36
		18HO1003	8	7	7	3.5	4.13	37
		18 HO2006	8	8	7	3.5		38
14	Dr.G.Monika	18AG2010	8	8	8	3.5		39
		18HO1004	8	7	7	3.5		36
		18HO2005	8	8	7	3.5		38
		18HO2007	8	7	7	3.5		36
15	Dr.Rathikannu	18AG1011	8	7	7	3.5	4.27	37
		18AG2033	8	8	7	3.5		38
16	Dr.VinuRadha	18AG2030	8	7	8	3.5		38
17	Dr. P. Ramesh Kumar	18 AG2014	8	8	8	3.5		39
18	Dr. K. Indira Petchiammal	18AG2032	8	7	8	3.5		38
		18AG2016	8	8	8	3.5		39
		18HO2009	8	7	7	3.5	4.19	37
		18HO2022	8	6	7	3.5		35
19	Dr.N.B.John Kindsly	18AG 2001	8	7	8	3.5		38
		18AG2032	8	7	7	3.5		36
20	Dr. N. Jeyapandian	18HO 1006	8	8	7	3.5		38
21	Dr. Samundeswari	18AG1009	8	7	7	3.5		36
22	Dr. Palanichamy	18AG2016	8	8	7	3.5		38
23	Dr. P.Jegathambal	18CE2016	8	6	7	3.5		35
		18CE 2004	8	6	7	3.5		35
24	Dr. K. Udaya Kumar	18 AG2027	8	7	7	3.5		36
		18AG2007	8	6	6	3.5		34
		18AG 1007	8	7	7	3.5		36



INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF MATHEMATICS

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Mathematics
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Sunil Jacob John, Professor of Mathematics and Chairperson UG admissions, NIT, Calicut
Auditing Date	18-05-2021
Academic Year	2019-20 Even Semester

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

1. It is observed that Quality of Internal Assessment question papers and the quality of evaluation of answer scripts is generally very good
2. Student assessment quality may be improved by giving including more challenging questions.
3. Attainment of Course Outcomes is fair. Over attainment for at least some cases seems unrealistic.
4. More innovative Teaching Practices may be experimented and incorporated that is suitable for situations like covid-19 pandemic.
5. While describing CO's, use of quantifiable verbs are suggested, use Blooms taxonomy
6. Student participation is more encouraged in classes.
7. Encouraged to solve/study at least one real life case study problem in probability and numerical methods
8. Seminars, Mini projects, presentations etc. are encouraged and should be done effectively

Signature of the External Auditor

Dr. Sunil Jacob John
Professor
Department of Mathematics
National Institute of Technology Cell
Kozhikode, Kerala, INDIA - 67360

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

Name of the Department : Mathematics									
School : Science, Arts, Media and Management									
Name and Address of the Auditor : Dr. Sunil Jacob John, Professor of Mathematics and Chairperson UG admissions, NIT, Calicut.									
Date of Audit : 18.5.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. A. Hepzibah Christinal	18MA2005	10	10	10	9	5	4.27	48.27
		19MA3032	10	10	10	10	5	4.2	49.2
2	Dr. J. Daphy Louis Lovenia	19MA1006	10	10	10	10	4	-	44
		18MA2001	10	10	10	10	5	4.27	49.27
3	Dr. S. Elizabeth Amudhini Stephen	19MA1008	10	9	10	10	4	4.54	47.54
		18MA1007	10	9	10	10	4	5	48
4	Dr. K. Rebecca Jebaseeli Edna	18MA2011	9	9	10	10	4	4.25	46.25
		18MA2008	9	9	10	10	4	4.24	46.24
5	Dr. V. Jemmy Joyce	18MA2008	9	9	10	10	4	4.43	46.43
		19MA1011	9	9	10	10	4	4.33	46.33
6	Dr. G. Gomathi Jawahar	17MA2012	9	9	10	10	4	4.5	46.5
		18MA1012	9	9	10	9	4	4.2	45.2
7	Dr. V. Kavitha	18MA2009	9	9	10	10	4	3.84	45.84
		19MA3008	9	9	10	10	4	4.2	46.2
8	Dr. B. Elavarasan	18MA2012	9	9	10	9	4	4.04	45.04
		19MA3006	9	9	10	10	4	4.55	46.55
9	Dr. R. Selvamani	19MA1008	9	9	10	9	4	4.4	45.4
		18MA2009	9	9	10	9	4	3.85	44.85
10	Dr. K. Porselvi	19MA3021	9	9	10	10	4	4.13	46.13
		19MA1011	9	9	10	10	4	3.74	45.74
11	Dr. C. Bazil Wilfred	18MA2012	9	9	10	10	4	3.46	45.46
		19MA3005	9	9	10	10	4	4.2	46.2
12	Dr. J. Veninstine Vivik	18MA2002	9	9	10	10	4		42
		17BC2012	9	9	10	10	4		42
13	Mrs. P.S. Divya	17MA1002	9	9	9	10	4	4	45
		17MA1004	9	9	9	10	4	4.5	45.5
14	Dr. M. Selvarathi	18MA2002	9	9	9	10	4		41
		18MA1012	9	9	9	10	4	4.2	45.2
		17PH3007	9	9	9	10	4	3.94	44.94
15	Dr. J. Catherine Grace John	18MA2009	9	9	9	9	4	4	44
		18MA1007	9	9	9	10	4		41
16	Mr. P. Xavier	18MA2012	9	9	9	10	4	4.06	45.06
		19MA3007	9	9	9	10	4	4.2	45.2
17	Dr. S. Jebasingh	18MA2009	9	9	9	10	4	4.3	45.3
		19MA1014	9	9	9	9	4	4	44
18	Dr. M. Vijila	18MA2002	9	9	9	10	4	5	46
		17MA2008	9	9	9	10	4	5	46
19	Dr. G. Sheeba Merlin	19MA1008	9	9	9	9	4	4.1	44.1
		18MA1007	9	9	9	9	4	4.4	44.4
20	Dr. P. Evanzalin Ebenanjar	18MA1012	9	9	9	9	4	9.54	49.54
		18MA1009	9	9	9	9	4	4.08	44.08
21	Dr. K. Sivaranjani	18MA1012	9	9	9	9	4	4.53	44.53
		19MA1014	9	9	9	9	4	4.23	44.23



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF MANAGEMENT STUDIES

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Management Studies
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Sheena Associate Professor School of Management NITK, Surathkal
Auditing Date	1.5.2021
Academic Year	2019-20 Even Semester

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

1. Suggested to conduct live projects with industry every semester with real time problems.
2. Suggested to conduct frequent workshops, invited lectures with industry personnel and academicians on personality development and other soft skills.
3. Inclusion of courses like Marketing Research, Market Analytics in the curriculum that are in tandem with the present research scenario in business.
4. Recommended to include simulation workshops, business games and role plays etc.

Signature of the External Auditor

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

Name of the Department : Management Studies

School : Sciences, Arts, Media and Management

Name and Address of the Auditor : Dr. Sheena, Associate Professor, School of Management, NITK, Surathkal

Date of Audit : 01-05-2021

S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks	
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50	
1	Dr.J Clement Sudhahar	18MS3027	9	9.5	9	9.5	4	4.5	45.5	
		18MS3030	9	9	8.5	9	4.5		40	
2	Dr. Amudha	18MS2001	9	9.5	8	8.5	4.5	4.6	44.1	
		18MS3025	8.5	8.5	8.5	8.5	4		38	
		19MS3009	8	7.5	8	8	4	4.07	39.57	
3	Dr.F.J Peter Kumar	18MS3072	9.5	9	9	9	4		40.5	
		19MS3009	9	9.5	8.5	9	4	4.42	44.42	
		19MS3010	8.5	9	9	9	4	4.07	43.57	
4	Dr.S.Anthony Raj	18MS3043	9	8.5	8.5	9	3.5	4.27	42.77	
		19MS3012	9.5	9.5	9	9	4	4.54	45.54	
5	Dr.G T Thiru Arooran	18MS2015	8	9	8.5	8.5	3.5	4.12	41.62	
		19MS3010	8	9	8.5	8	3	3.99	40.49	
6	Dr.Amuthan	19MS3013	8	8.5	8.5	8	3.5	3.89	40.39	
7	Dr.Kalpana Sai	18MS3045	9	9.5	9	9	4	4.47	44.97	
		18MS3050	9	9	9.5	9	4.5	4.6	45.6	
		19MS3012	9	8	9	9.5	4	4.24	43.74	
8	Mrs.G.Nisha Malini	19MS3008	9.5	8.5	9.5	9	4.5	4.16	45.16	
9	Mrs.Praising Linijah	17MS2002	9	9	9.5	9	4.5	4.8	45.8	
		18MS2005	9.5	9.5	9	9.5	4	4.13	45.63	
		18MS3035	9	9.5	10	9.5	4.5		42.5	
		19MS3011	9	9	9	9.5	4.5	3.4	44.4	
10	Dr.S.Senith	18MS3034	8.5	9	8.5	9	4		39	
		19MS3013	8	7.5	8	8	3.5	3.86	38.86	
		18MS3041	8.5	9	8	8		4.4	37.9	

11	Prof.Lawarance	19MS3008	9.5	9	9	8.5		3.66	39.66	
		19MS3011	9	8.5	8	8.5		4.27	38.27	
		18MS2015	8.5	9	7.5	8		4.06	37.06	



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF APPLIED PHYSICS

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Applied Physics
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Jayakumar Balakrishnan Assistant Professor, IIT Palakkad
Auditing Date	15/06/2021
Academic Year	2019-20 Even Semester

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

1. There are quite a few courses where the data submitted is mixed with other courses (especially when one faculty is involved in multiple courses)
2. Student Feed back is missing for all faculty. May be due to the pandemic this exercise was not done. I have given 0 for all because of the absence of data. So the total marks given is out of 45 and not 50
3. Most of the courses test the memory power of the student rather than their understanding of the subject. This needs to be changed if you want the student to crack interviews of top institutes
4. PG level course syllabus revision should be considered. Especially try to make it line with the best universities to allow students to get into good positions. Most of the test questions are shallow.

Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Physics									
School : Sciences, Arts, Media and Management									
Name and Address of the Auditor : Dr. Jayakumar Balakrishnan, Assistant Professor, IIT, Palakkad									
Date of Audit : 15/06/2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. S. Rajesh	17PH3016	9	8	8	8	4	3.95	40.95
		17NT2003	9	9	8	7	4	4.8	41.8
2	Dr. M. Haris	17PH3009	9	8	8	8	4	4.1	41.1
		19PH1005	9	9	9	9	4	0	40
3	Dr. D. Khanna	19PH1009	9	10	10	9	5	4.13	47.13
		19PH1009	9	10	10	9	5	4.13	47.13
4	Dr. A. Sakunthala	19PH1003	8	8	8	8	4	0	36
		17PH3008	8	9	8	9	4	4	42
5	Dr. M. Senthilkumar	19PH1003	7	9	7	9	3	4.12	39.12
6	Dr. A. Abiram	19PH1001	9	8	8	9	3	4.4	41.4
		17PH3005	8	7	7	8	3	4.01	37.01
7	Dr. R. Jeba beula	19PH1003	8	8	8	9	4	4.41	41.41
		19PH1003	8	8	8	9	4	4.41	41.41
		17PH2015	9	9	9	8	4	5	44
8	Dr. B. Vidhya	17PH2012	8	9	8	8	4	4.7	41.7
		17PH2013	8	9	8	8	4	0	37



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF NANOSCIENCE

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Nanoscience
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Jayakumar Balakrishnan Assistant Professor, IIT Palakkad
Auditing Date	15.6.2021
Academic Year	2019-20 Even Semester

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

1. There are quite a few courses where the data submitted is mixed with other courses (especially when one faculty is involved in multiple courses)
2. Student Feed back is missing for all faculty. May be due to the pandemic this exercise was not done. I have given 0 for all because of the absence of data. So the total marks given is out of 45 and not 50
3. Most of the courses test the memory power of the student rather than their understanding of the subject. This needs to be changed if you want the student to crack interviews of top institute

Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Nanoscience									
School : School of Engineering and Technology									
Name and Address of the Auditor : Dr. Jayakumar Balakrishnan Assistant Professor, IIT Palakkad.									
Date of Audit : 15/06/2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	ALEYAMMA ALEXANDER	17NT3001	7	7	7	7	3	4.49	35.49
2	B. VIDHYA	17NT2005	9	9	10	9	5	4.75	46.75
3	Dr. I. V. MUTHU VIJAYAN ENOCH	14CH3004	8	8	8	8	3	4.75	39.75
		16NT3007	8	8	8	8	3	4.85	39.85
		17CH2002	8	8	8	8	3	4.13	39.13
4	Dr. S. K. SURESH BABU	16NT3002	9	8	9	8	5	4.85	43.85
		16PH2008	8	7	8	8	3	0	34



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INTERNAL QUALITY ASSURANCE CELL

EXTERNAL COURSE FILE AUDIT - Even Semester 2020-21

DEPARTMENT OF COMMERCE AND INTERNATIONAL TRADE

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Commerce and International Trade
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Dunstan Rajkumar Associate Professor (Sr) Department of Commerce VIT, Vellore
Auditing Date	16.5.2021 - 21.5.2021
Academic Year	2020-21 Even Semester

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

- Course outcomes are many but not used in questions or assessments. Course outcomes of some courses must be fine-tuned
- Blooms taxonomy metrics are not properly matched with the wordings of questions. Training Programmes can be conducted to understand the metrics of LOT (Lower Order Thinking) and HOT (Higher Order Thinking) questions more effectively.
- Out of 11 metrics given in the Quality Assessments 2 to 3 are alone given significance among most of the faculty members. Metrics such as Assignments, Presentation and Multiple Choice Questions alone have been used. Faculty members may be motivated to use other metrics also.

- Fast learners may be motivated to help slow learners to reduce failure. Teams inside the class having 4 to 5 members with the leader (from Fast Learner) can be created to discuss, present and other assignments together. It would certainly improve the knowledge level of all the students as we do classes online. The effective leader can be appreciated by awarding some marks in their assessments
- Innovation and Best Practices should be strengthened, technology, online courses, social media can better be adopted. Newspapers (such as Economic Times, Financial Express) reading should be inculcated to enhance the updates.
- Guest Lecture/Industry Expert Lecture should be conducted on contemporaries in the relevant subjects.
- Faculty members after evaluation may be requested to give feedback on why they secured low marks and ways to improve the performance are also to be suggested. This will certainly motivate the students by way of identifying their areas of weakness
- Invariably, innovation factors are not focussed on by the faculty members. Training may be imparted to the faculty members to enhance creativity in teaching.
- The fifth measurement of evaluation is not at all found in the documents given, hence my marks are allotted for only 35 marks.



A. Dunstan Rajkumar
Associate Professor
Department of Commerce
Vellore Institute of Technology

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.								
Name of the Department : Commerce and International Trade								
School : Sciences, Arts, Media and Management								
Name and Address of the Auditor : Dr. Dunstan Rajkumar, Associate Professor (Sr), VIT, Vellore.								
Date of Audit : 21.5.2021								
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. C. Samuel Joseph	17BC2018	8	8	7	0	4.75	39.64
2	Dr.D.Mahila Vasanthi Thangam	18PA2003	8	9	9	3		41.43
		18PA2003	8	9	9	4		42.86
		17BC2022	8	9	9	4	5	50.00
3	Dr. K. Aruna	18PA2011	8	8	8	0	4	40.00
		17BC2008	8	9	8	0	4.22	41.74
		17BB2023	8	9	8	0	4.01	41.44
		17BC2005	8	9	9	0		37.14
4	Dr. V. Palani singh	17BB2021	9	9	7	2	4.78	45.40
		17BB2025	9	9	8	2	4.45	46.36
		17BC2023	9	9	8	2	5	47.14
		18PA2018	0	0	0	0		0.00
5	dr. S. Thanga Helina	17BB2008	9	9	8	0	3.92	42.74
		18PA2008	9	9	7	0	4.15	41.64
		18PA2012	9	9	7	0	3.8	41.14
		18PA2015	9	9	7	0	5	42.86
6	Dr.A.Leo	18PA2018	8	8	8	0	3.08	38.69
		18PA2009	3	1	1	0	4	12.86
		18PA2015	3	1	1	0	4.03	12.90



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF ENGLISH

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	English
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. R. Joseph Ponniah Professor Dept. of Humanities and Social Sciences NIT - Tiruchirapalli
Auditing Date	
Academic Year	2019-20 Even Semester

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

Undue importance is given to teaching and learning rules of grammar. Objectives clearly state that the courses will prepare students to write effectively and appropriately but appropriate topics and exposure to writing are not included in the syllabus. Instead the content under writing in the syllabus is about learning properties of language such as subject verb agreement, phrases and clauses.

In fact, language properties such as vocabulary, spelling, grammar can easily be acquired by reading with the focus on meaning. This aspect of reading is missing in the curriculum. Extensive reading or pleasure reading can be integrated into the curriculum instead of heavily depending on grammar. If we analyze the role of grammar in learning the language it would sometimes spoil the language of learners. Little grammar and more exposure to reading and writing in an anxiety free environment must be the part of the curriculum.

It is assumed that writing can be taught through teaching rules of grammar but grammar can help learners only to edit the writing but it will help them acquire writing skills. Writing is a composing process that can be developed by reading. Reading will help them acquire language subconsciously and this will facilitate writing, which is a creation of meaning. Creation of meaning is possible only by focusing on the meaning/content and not by focusing on grammar of the language. (The book Writing with power by Peter Elbow will give more insights)

Students can also be given more exposure to content required for presentation. Some of the sample presentations can be included in the curriculum instead of spending more time on teaching about presentation.

In my opinion, a complete revamp of the syllabus is absolutely necessary. This will not only help students acquire all aspects of language in pleasurable way but will also help them to be a better thinker and problem solver. These types of skills the society demands from students.

Even the courses on writing such as English for Research Paper Writing. The syllabus is ABOUT designing a research paper and learning ABOUT writing. What actually irks students is the actual writing/composing of an idea/ generation both language and ideas. If language use is the problem, they must be given more exposure on the specific language or specific academic language. The syllabus must give scope for them to experience the specific type of language

The reports by faculty show that the topics were taught with care and the answers were evaluated meticulously with due care and efforts. I really appreciate the systematic work done by teachers. If the same energy is spent after completely revamping the syllabus it will give expected results

A handwritten signature in black ink, appearing to read "R. Joseph Ponniah". The signature is written in a cursive style with some loops and flourishes.

Signature of the External Auditor

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.							
Name of the Department : English							
School : Sciences, Arts, Media and Management							
Name and Address of the Auditor : Dr. R. Joseph Ponniah, Professor, Dept. of Humanities and Social Sciences, NIT - Tiruchirapalli.							
Date of Audit : 5.6.2021							
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Total Marks
			10 marks	10 marks	10 marks	5 marks	50
1	Dr. David Wilson	18EN3001	8	7	8	3	37
		17EN3011	7	8	7	4	37
		17EN2002	8	8	8	4	40
		18EN1001	8	8	8	4	40
2	Dr. Poonkodi	18EN3001	8	8	8	4	40
		17EN3033	9	8	7	4	40
		18EN1001	8	7	7	3.5	36
		18EN1001	8	9	8	4	41
3	Dr. B. Anita Virgin	17EN1001	8	9	7	3	39
		17EN1001	7	8	7	4	37
		17EN3023	8	7	7	3.5	36



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EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Food Processing Technology
Name of the School	Agriculture and Biosciences
Name and Address of the External Auditor	Dr. N. Venkatachalapathy, Professor and Head Department of Food Engineering Indian Institute of Food Processing Technology Thanjavur 613 005
Auditing Date	1.7.2021
Academic Year	2019-20 Even Semester

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

1. All the courses were handled with norms, and the files are in order except in two courses.
2. All the faculties have put sincere efforts into completing the syllabus as per the plan.
3. The faculties have conducted the internal assessment tests in time and evaluated them properly.

Signature of the External Auditor


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

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore 641 114.									
Name of the Department : Food Processing Technology									
School : Agriculture and Biosciences									
Name and Address of the Auditor : Dr. N. Venkatachalapathy, Professor & Head, Indian Institute of Food Processing Technology, Thanjavur									
Date of Audit : 1.7.2021									
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	5 marks	5 marks	50	
1	Dr. T.V. Ranganathan	17FP2020	5	5	5	9	2	4.2	29.7
		18FP3002	5	5	5	9	2	4.1	29.6
2	Dr. R. Emilin Renitta	17FP2030	9	9	9	9	3	4.3	42.8
		18FP2013	9	9	9	9	3	4.1	42.6
3	Dr. D. Tiroutchelvame	17FP2024	9	9	8	8	3	4.5	41.0
4	Mr. Dayanand Peter	17FP2021	9	8	8	8	2	4.4	38.9
		18FP3003	9	7	8	9	3	4.4	39.4
5	Dr. S. Gobikrishnan	18FP2009	9	9	9	9	3	4.2	42.7
		18FP3004	9	9	9	9	3	4.4	42.4
6	Mr. K. Thangavel	18FP3018	9	9	9	9	3	4.3	42.8
7	Mr. Angel Abraham	17FP2021	9	9	9	8	3	4.2	41.2
		17FP2020	9	9	9	8	3	4.3	41.8
8	Dr. M.m. Pragalyaashree	18FP2012	9	9	9	9	3	4.2	42.7
		18FP3020	9.0	9.0	9.0	8.5	3.0	4.3	42.8



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF DIGITAL SCIENCES

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Digital Sciences
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Jaidhar C.D. Associate Professor Department of Information Technology NITK - Suratkal
Auditing Date	18 th May 2021 Tuesday
Academic Year	2019-20 Even Semester

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

- 1 Improve the level of questions and do not ask one mark question(s) in the question paper. The question paper should consist of simple/direct questions, moderate questions and difficult questions.
- 2 For each mention Text Book details as well as Reference Books details
- 3 If applicable, add laboratory component to the course by converting 3:0:0/4:0:0 (L: T:P) course into 3:0:2 course.
- 4 Ask various types of questions such that question paper should cover all different categories of Bloom's Taxonomy (Remember, Analyze, Understand, Apply, Evaluate and Create).
- 5 Maintain the standard size of the class strength. Divide the class strength into two sections if the strength of the class greater than 60.
- 6 It would be better to inform faculty members to set the question paper such that no single question carries a maximum marks of 20 Marks

Signature of the External Auditor

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

Name of the Department : Digital Sciences								
School : Sciences, Arts, Media and Management								
Name and Address of the Auditor : Dr. Jaidhar C.D, Associate Professor, Dept. of Information Technology, NITK Surathkal.								
Date of Audit : 18th May 2021 Tuesday								
S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Innovative Teaching Practices	Students Feedback from Eduserve	Total for 50 marks
			10 marks	10 marks	10 marks	5 marks	5 marks	
1	DR. D. PONMARY PUSHPA LATHA	17CA2002	7.5	7.5	7	4	0	32.5
		16CS2003	7.5	7.5	7	4	3.8	37.25
		17CA2011	7.5	7.5	7	4	3.4	36.75
		18CS1001	7.5	7.5	7	4	0	32.5
2	MR. MADHANRAJ V (COEDF)	17CA2055	7.5	7.5	7	4	0	32.5
		17CA2056	7.5	7.5	7	4	0	32.5
3	MR. IYAL PARI (COEDF)	17CA2058	7.5	7.5	7	4	0	32.5
		17CA3016	7.5	7.25	7	4	0	32.1875
4	MR. SARAVANAN (COEDF)	18CA2015	7.25	7.5	7	4	0	32.1875
5	MR. MANOJ KUMAR (COEDF)	18CA3001	7.25	7.25	7	4	0	31.875
6	MRS. REVATHY G ARUN (COEDF)	17CA3015	7.5	7.25	7	4	0	32.1875
7	DR. SATHYA SRINIVAS (COEDF)	17CA2054	7.5	7.25	7	4	0	32.1875
		17CA3012	7	7	7	4	0	31.25
8	MR. E.R. RAMESH (COEDF)	17CA2059	7	7	7	4	0	31.25
		17CA3009	7	7	7	4	0	31.25
9	MR. SHAKTHIDHARAN (COEDF)	17CA2061	6.5	7	7	4	0	30.625
10	MR. N. VENKATRAMAN (COEDF)	17CA3011	7	6.75	6.75	4	0	30.625
		17CA3014	7	6.75	6.75	4	0	30.625
11	DR. S. CAROLIN JEEVA	17CA2013	7	6.75	6.75	0	3.6	30.125
		18CS1001	7	6.75	6.75	4	0	30.625
12	DR. MALLIKA VIJAYA KUMAR	17MC2003	5	6.75	6.75	2.5	4.2	31.5
		14VC3006	5	6	6	2.5	4.3	29.75
13	DR. C. BEULAH CHRISTALIN LATHA	17CA2010	7	6.75	6.75	4	3.2	34.625
		17CA2010	7	6.75	6.75	4	3.2	34.625
		18CS1001_A	7	6.5	6.5	4	0	30
		18CS1001_C	7	6.5	6.5	4	0	30
14	RANJIT	18CA2011	7	7	7	4	4	36.25
		17CA2012	7	7	7	4	3.8	36
15	SHALINI	17EC2056	6.5	6.5	6.5		4.53	30.0375
		17CA2001	6.5	6.5	6.5		0	24.375
16	G REVATHY	17CA2048	6.5	6.5	6.5	4		29.375



INTERNAL QUALITY ASSURANCE CELL
EXTERNAL COURSE FILE AUDIT – Even Semester 2019-20

DEPARTMENT OF APPLIED CHEMISTRY

EXTERNAL COURSE FILE AUDIT REPORT

Name of the Department	Applied Chemistry
Name of the School	Sciences, Arts, Media and Management
Name and Address of the External Auditor	Dr. Gobi K.V., Ph.D., D.Engg. (TIT) Professor Department of Chemistry National Institute of Technology Warangal, Telangana
Auditing Date	03-09-2021
Academic Year	2019-20 Even Semester

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

1. All faculty employed effective teaching methods in combination with various pedagogical tools to imbibe interest among students for learning.
2. All faculty handled effectively theory courses of all kinds, tough theoretical subjects, elaborative, descriptive, logical and analytical subjects.
3. Course outcomes of higher bloom taxonomy shall be included, specifically in courses which were introduced to students already at elementary level during pre-college studies.
4. In specific courses which include logical and reasoning aspects for understanding mechanisms, product choice, stability, performance, accuracy, etc., Course outcomes of higher bloom taxonomy need to be included. Specifically, all laboratory courses should be oriented up to “Analyze” and “Evaluate” levels.
5. “Master of Science” is the highest degree, and Research follows to it. So, at the end of Master degree, the student considered capable to venture into any research fields of chemistry and its allied subjects. So, self-study of theory and self-designed chemical experiments in lab courses shall be introduced.
6. In each course, some modules shall be handled without power point slides, media tools, etc. to induce creativeness, multiple perspectives, logics to infer/identify exceptions and conditions.


Signature of the External Auditor

Name of the Department : Chemistry

School : Sciences, Arts, Media and Management

Name and Address of the Auditor : Dr. Gobi K.V., Professor & Head, Dept. of Chemistry, NIT Warangal, Telangana.

Date of Audit : 2.9.2021

S. No	Name of the Faculty	Subject Code	Teaching Plan / Class Handled Report	IA1-IA3 Question paper and answer script	Quality Assessments	Attainment of CO and PO	Inno-vative Teaching Practices	Students Feedback from Eduserve	Total Marks
			10 marks	10 marks	10 marks	10 marks	5 marks	5 marks	50
1	Dr. C. JOSEPH KENNADY	17CH2004	10	9	9	9	5	5	47
2	Dr. A. SAMSON NESARAJ	17CH3004	10	10	10	9	5	4.06	48
		16CH3002	10	10	10	10	5	4.79	50
3	Dr. K. PARAMESWARI	15CH2003	10	9	9	9	5	3.99	46
		17NH2006	9	9	9	9	4	4.6	45
4	Dr. N. ANANTHI	17CH3018	9	8	9	9	4	4.04	43
		19CH1005	10	9	9	9	5	4.6	47
		17CH1004	8	9	9	9	4		39
5	Dr. B. JEBASINGH	18CH2001	10	9	9	9	5	3.99	46
6	Dr. L. EMMANUVEL	17CH2005	9	9	9	8	4	4.34	43
		19CH1005	10	9	9	8	5		41
		17CH1004	9	9	9	9	5		41
7	Dr. V. MADHU	17CH3006	10	9	9	9	5	4.12	46
		18CH2001	10	9	9	9	5		42
8	Dr. R. NANDHA KUMAR	14CH3007	10	9	9	9	5	4.85	47
		19CH1008	10	10	9	9	5	4.24	47
9	Dr. A. OBADIAH	18CH1006	10	9	9	9	5	3.64	46
		18CH2001	10	9	9	9	5	3.88	46
		18CH2001	10	9	9	9	5	3.88	46
10	Dr. J. PRABHU	18CH1006	9	8	9	8	4	3.89	42
		19CH1008	9	9	9	8	4	3.89	43
11	Dr. V. VIJAIKANTH	17CH3005	9	9	8	8	4	3.91	42
		19CH1001	9	8	9	9	4	3.69	43
12	Dr. RAJENDRAKUMAR	18CH2001	9	9	9	9	5	4.28	45
		18CH2001	9	9	9	9	5	4.28	45
		18CH1006	9	9	9	8	5	3.42	43
13	Dr. VINU	16NT3005	9	9	9	8	4	4.83	44
		18CH2001	9	9	9	9	5	4.42	45
		18CH2001	9	9	9	9	5	4.42	45



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Action Taken Report

on the

External Course File Audit Reports

of the Departments of KITS

(Even Semester 2019-20)

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

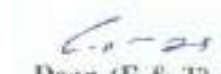
EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Civil Engineering**

S. No.	Comments from External Expert	Action Taken
1.	'Student's feedback' is one of the important documents and the same is not provided	For few PG subjects the students have not entered feedback and for few UG subjects the feedback is not placed in file. The concerned faculty informed to take necessary action
2.	In some cases, Questions set for the IA appears to be too simple for the time allotted and hence tougher questions could be set.	The concerned faculty informed to take tougher questions in the forthcoming exams
3.	While setting questions, the Bloom's category parameters considered were only remember, understand, and apply in many cases. Attention may be given to incorporate analyze, evaluate and create especially in the analysis and design subjects.	The Blooms level and the question paper setting was discussed in the faculty meeting and necessary guidelines was given for improving the quality of question paper
4.	In the case of MCQ, the number of choices should be uniform. In some MCQ it is noted that more number of choices were given for some questions.	The concerned faculty informed to take necessary precautions while setting the MCQ
5.	In some course files, comments given by the faculty are not adequate. Faculty may give the reason for (i) the poor performance of students (more number of failures), (ii) unsatisfactory attainment of CO etc.	The comment was discussed in the faculty meeting and the assessment of attainment of COs was reviewed by the accreditation committee for further improvement
6.	Some faculty opined that "online mode" as the reason for more number of failures and this reason cannot be accepted. Whether it is "online" or "off line" the delivery should be effective.	The concerned faculty was informed to take proper measures
7.	For effective understanding of engineering subjects, innovative teaching practices are essential. Some faculty have simply mentioned a few without giving documentary evidence such as ppts, photograph of field visits etc	The innovative methods that can be adopted was discussed with the faculty to improve on the teaching learning process

8.	In the action taken report, it is noted that many faculty members have utilized actions such as Tutorial or Extra classes. This may be alright when the number of failures is less. However, when there are many failures, more actions (which may include Assignments), need to be considered.	The comment is well noted and will be implemented in the successive course delivery by the faculty
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HoD/Civil


Dean (E & T)

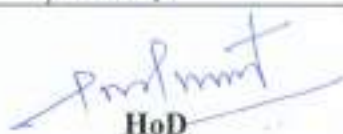


**ACTION TAKEN REPORT ON THE COMMENTS
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **MECHANICAL ENGINEERING**

S. No.	Comments from External Expert	Action Taken
1.	Guidelines to be given to faculty on fixing the percentage of CO attainment	The faculty members are instructed to follow the guidelines given by IQAC for fixing the percentage of CO attainment
2.	Many are not filling in form -4 and hence becomes a redundant one.	The faculty members are instructed to fill all the forms prescribed in the course file
3.	Action taken by faculty based on the results is not furnished by many. Proof needs to be attached if it is taken seriously for the teaching learning process.	The faculty members are instructed to attach the action taken report along with the proof in the E- course file during the Odd semester 2020-21
4.	English communication has to be improved a lot. (eg Sl. No 19)	The particular faculty Mr. Alfred Sunny left the institution
5.	Form No.5 Quality assessment, most of them are only giving Assignment or MCQ. More varieties can be introduced for students to do better	As per the suggestion the faculty members are instructed to give varieties like paper presentation, mini projects, development of physical models etc
6.	Questions for 70 marks are asked only for CO 1. (eg,Sl.No.22) Other COs are also should be covered.	The concerned faculty member was instructed to set questions covering all the COs
7.	Self-study report is to be taken bit more seriously	The faculty members are instructed to fulfill all the criteria in self- study report


HoD


Dean




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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Aerospace Engineering**

S. No.	Comments from External Expert	Action Taken
1.	The Online Quality Assessments was very Innovative	Noted. Communicated to the faculty
2.	Include the various Innovative teaching methods	Communicated to the faculty for implementation
3.	Please change the methods of corrective action	Noted and communicated to the faculty
4.	Properly fix the CO target.	Will be followed


HoD/Aerospace Engg.


Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

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

S. No.	Comments from External Expert	Action Taken
1.	The course files have been prepared very well, seemingly based on a common format.	We appreciate the comments from the expert and we will continue to do the same.
2.	All faculty (except two) have maintained a good report of their activities and their suggestions for further improvements.	It is informed to the faculty members during faculty meeting.
3.	Because of the common format, the margin of difference when evaluating them is very small.	We will be continued with the common format.
4.	Further, feedback from students seem to have been collected systematically.	We will be continued with the common format.
5.	There is nothing negative seen in the collection of data and preparation of the course files.	We appreciate the comments from the expert and we will continue to do the same.
6.	Because each course is unique and different from any other course, evaluation may also differ-for example, one course may be highly mathematical while another may be pure theory while another may be application oriented. The evaluation method must take into account the uniqueness of the content.	Faculty members are informed to be distinctive in their evaluations as per the uniqueness of the course content.
7.	Because of online classes and online evaluations, many innovative practices are absent.	Once the offline mode begins, the innovative practices shall resume for the benefit of the students.


HoD


Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

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

The external audit comment is circulated to all the faculty members through email.

S. No.	Comments from External Expert	Action Taken
1.	Lesson plan can be given in detail	IQAC has to take decisions.
2.	CO analysis if target not met action taken can be included with proof for assessment	
3.	Answer key can be included	
4.	Sample notes can be added	

A. S. S. S.
27-10-21

HoD/EEE

[Signature]
Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Biomedical Engineering**

S. No.	Comments from External Expert	Action Taken
1.	Assessments can be focused more towards design aspects, application and analysis.	<ul style="list-style-type: none">• Design aspects were given as quality assessment for the courses like Communication Engineering, Bio Sensors.• Assessments focusing on application and analysis were included for some UG and PG courses. Instructions were given to implement in many other courses also.
2.	CO attainment may be fixed same for all in one course.	All Faculty members were instructed to fix the same CO attainment for all the COs in a Course.
3.	Innovative teaching methods to be evolved and used by teachers.	NPTEL lectures, virtual labs, Online quizzes have been used for theory and lab courses.


HoD


Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Robotics Engineering**

S. No.	Comments from External Expert	Action Taken
1.	Assessments can be focused more towards design aspects, application and analysis.	Mini Projects and Simulation Applications are being given as quality assessment components. More such assessments based on applications and design aspects will be given hereafter..
2.	CO attainment may be fixed same for all in one course.	Same CO attainment will be fixed in the forthcoming semesters
3.	Innovative teaching methods to be evolved and used by teachers.	Online teaching and assessment tools like virtual labs, simulation tools and softwares like proteus, roboanalyzer, roboDK, kahoot, quizzizz etc are being used for online teaching. More innovative methods will be adopted in future.

HoD

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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

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

S. No.	Comments from External Expert	Action Taken
1.	It is observed that advanced curriculum and syllabus is in practice.	-
2.	It observed that course plans for teaching are well prepared and maintained.	-
3.	It is observed that curricular plans are executed in a planned manner to achieve the course outcomes.	-
4.	There is an appropriate and up-to-date teaching and learning strategy in the Department	-
5.	It is observed that reliable assessment process is followed through the use of standard evaluation components.	-
6.	There are no details found to ensure that assessments are performed as planned, and action taken on students' feedback to improve the teaching quality as well as course quality.	Three Internal assessments are conducted as per the schedule given in academic calendar. Student' feedback and action taken are available with the department office and IQAC office. Steps will be taken to include document evidences in course file.
7.	It is to suggest that department can define the key quality indicators of student performance based on the POs.	The suggestion will be scrutinized and implemented.
8.	It is to suggest that more add-on courses suggested by NASSCOM, SWYAM, NSF etc. can be included.	CSE students undergo globally recognized industrial certification courses. Students take up the online courses offered by NPTEL-SWAYAM. From the academic year 2020-21 the credits earned through MOOC courses are also mapped with academic credits earned by the students.

9.	It is to suggest that department can come up with one new best teaching-learning practice every year	Every faculty adopts one or more best teaching methodology. However, as per the suggestion, best practices will be shared among the faculty to enhance the teaching-learning process.
10.	Interdisciplinary projects with industry partners can be planned	Students carry out mini projects/internship in Industries. This will be enhanced.
11.	Considering the present pandemic situation, Students counseling file can be maintained at the department level.	Every mentor is conducting mentor-mentee meeting and the minutes of the meeting is uploaded in eduserve.karunya.edu


HOD-CSE


Dean (E & T)



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Biotechnology**

S. No.	Comments from External Expert	Action Taken
1.	17BT2037 Faculty name are missing in the course outcome	Faculty name included in the course outcome.
2.	19BT3002 missing in the PO excel file	The PO excel file received from Dr. S. Murugan.
3.	18MS2014 CO and PO attainment file is missing	CO and PO attainment not applicable since it is a non credit subject (Constitution of India).
4.	18AG1008 CO and PO attainment file is missing	CO and PO attainment not applicable for agriculture subjects (Service Course).
5.	19CS2012 CO and PO attainment graph is missing	CO and PO attainment graph was already sent to IQAC during scrutiny.

John Thomas
10/6/21

HoD

[Signature]
10/6/21

Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **FOOD PROCESSING TECHNOLOGY**

S. No.	Comments from External Expert	Action Taken
1.	All the courses were handled with norms, and the files are in order except in two courses	Faculties were instructed to enclose the relevant documents in the prescribed format before submission.


HoD
FPT


Dr. Sejai Kurian
Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **DEPARTMENT OF AGRICULTURE**

S. No.	Comments from External Expert	Action Taken
1.	Regarding Mid-term <ul style="list-style-type: none">Multiple choice questions can be replaced with higher order and application based questions.Unannounced quizzes may be conducted.	<ul style="list-style-type: none">Question Paper model has been modified with MCQs, Fill-ups, Match the Correct answers and true or false and is being followed during current Odd semester 2021-22 in online mode.Conducted Mock tests. Unannounced quizzes will be conducted in the upcoming semesters.
2.	Assignments <ul style="list-style-type: none">The students may be given with a problem statement and mentor them to come up with possible solutions.	<ul style="list-style-type: none">Students will be assigned with case studies and problem statements. They will be motivated and encouraged to come with innovation solutions.
3.	Question Paper Settings <ul style="list-style-type: none">It is better to have higher order thinking questions during mid-term and final tests.	<ul style="list-style-type: none">Mid-term question papers are being prepared according to the KITS norms by following Bloom's taxonomy in online mode. End semester examination question papers are prepared and submitted by external examiner to the Controller of Examination. Higher order thinking questions will be framed and incorporated for mid-term and final examination.
4.	Innovative teaching methods <ul style="list-style-type: none">Innovative teaching methods may be improved by including experiment and project based learning, Jigsaws, QR codes, brainstorming sessions, etc.	<ul style="list-style-type: none">Students are learning through conducting experiment and project based learning in VII and VIII semesters. Other innovative and brain storming learning method will be adopted in the forthcoming semesters.


HoD


Dean



**ACTION TAKEN REPORT ON THE COMMENTS
GIVEN BY EXTERNAL COURSE FILE AUDITOR
EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20**

Name of the Department: **Mathematics**

S. No.	Comments from External Expert	Action Taken
1.	It is observed that Quality of Internal Assessment question papers and the quality of evaluation of answer scripts is generally very good.	-
2.	Student assessment quality may be improved by giving including more challenging questions	Suggestion is well taken
3.	Attainment of Course Outcomes is fair. Over attainment for at least some cases seems unrealistic.	Suggestion is well taken
4.	More innovative Teaching Practices may be experimented and incorporated that is suitable for situations like covid-19 pandemic	Suggestion is well taken and now new Methods of Teaching Strategies are followed in online teaching due to covid -19 pandemic
5.	While describing CO's, use of quantifiable verbs are suggested, use Blooms taxonomy	Most of the CO's follows Blooms Taxonomy
6.	Student participation is more encouraged in classes.	Suggestion is well taken and panel discussion event is conducted on the topic "Overview on Challenges and Prospects of Online Teaching in Higher Secondary School Education during Covid-19"
7.	Encouraged to solve/study at least one real life case study problem in probability and numerical methods	Suggestion is well taken
8.	Seminars, Mini projects, presentations etc. are encouraged and should be done effectively	Suggestion is well taken and PG students are encouraged to take seminars. Faculty conducted 3 value add on courses, faculty development programs and


HoD


Dean

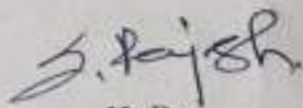


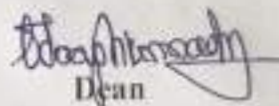
**ACTION TAKEN REPORT ON THE COMMENTS
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Applied Physics**

S. No.	Comments from External Expert	Action Taken
1.	There are quite a few courses where the data submitted is mixed with other courses (especially when one faculty is involved in multiple courses)	The data was not mixed but the title for the data (Subject code and Title) has been merged for a particular course and has been rectified
2.	Student Feed back is missing for all faculty. May be due to the pandemic this exercise was not done. I have given 0 for all because of the absence of data. So the total marks given is out of 45 and not 50	Due to the Pandemic some of the PG courses Student feed back was not obtained
3.	Most of the courses test the memory power of the student rather than their understanding of the subject. This needs to be changed if you want the student to crack interviews of top institutes	Shift from the conventional question paper format to Objective type question format due to online exam resulted in Basic knowledge level and it was addressed in the successive exams and understanding and apply level questions were incorporated
4.	PG level course syllabus revision should be considered. Especially try to make it line with the best universities to allow students to get into good positions. Most of the test questions are shallow.	The syllabus revision has been done in the year 2020 and has the components to meet the CSIR NET syllabus


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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: Centre for Nanoscience and Genomics

S. No.	Comments from External Expert	Action Taken
1.	There are quite a few courses where the data submitted is mixed with other courses (especially when one faculty is involved in multiple courses)	Some of the courses involve topics that extend to applications of techniques learned in another course. That is the reason it gives an impression that the topics match across courses. In the next course-file it will be mentioned with a better clarity.
2.	Student Feed-back is missing for all faculty. May be due to the pandemic this exercise was not done. I have given 0 for all because of the absence of data. So the total marks given is out of 45 and not 50	The student feedback did not display in the eduserve portal. It has been rectified now.
3.	Most of the courses test the memory power of the student rather than their understanding of the subject. This needs to be changed if you want the student to crack interviews of top institute	The shift from paper-based exam to online mode required some tough exercise that moved the question setting as memory-based. It should be mentioned here, actually there are questions on higher levels too, albeit with a smaller proportion. It will be made better in the next semester.


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

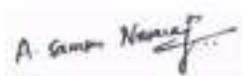
EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Date: **02-11-2021**

Name of the Department: **Department Applied Chemistry**

S. No.	Comments from External Expert	Action Taken
1.	All faculty employed effective teaching methods in combination with various pedagogical tools to imbibe interest among students for learning.	Thanks for the comments and encouragement provided by the External Expert regarding utilization of various pedagogical tools and teaching methods used by our faculty.
2.	All faculty handled effectively theory courses of all kinds, tough theoretical subjects, elaborative, descriptive, logical and analytical subjects.	Thanks for the comments provided by the External Expert regarding the effective handling of all theory courses.
3.	Course outcomes of higher bloom taxonomy shall be included, specifically in courses which were introduced to students already at elementary level during pre-college studies.	For some of our existing courses, higher bloom taxonomy is already available. However, as per the suggestion of the External Expert, course outcomes of higher bloom taxonomy will be included for the other specific courses also.
4.	In specific courses which include logical and reasoning aspects for understanding mechanisms, product choice, stability, performance, accuracy, etc., Course outcomes of higher bloom taxonomy need to be included. Specifically, all laboratory courses should be oriented up to "Analyze" and "Evaluate" levels.	As per the suggestion of the External Expert, the course outcomes of higher bloom taxonomy will be modified for advanced level specific theory and lab courses.
5.	"Master of Science" is the highest degree, and Research follows to it. So, at the end of Master degree, the student considered capable to venture into any research fields of chemistry and its allied subjects. So, self-study of theory and self-designed chemical experiments in lab courses shall be introduced.	As per the suggestion of the External Expert, for M.Sc. programmes in Chemistry, self study theory courses and self-designed chemical experiments in lab courses will be introduced.

6.	In each course, some modules shall be handled without power point slides, media tools, etc. to induce creativeness, multiple perspectives, logics to infer/identify exceptions and conditions.	The faculty members are regularly using black board teaching along-with power point presentation and other media tools. The suggestion given by the External Expert has been communicated to all faculty members for effective teaching methodologies.
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**ACTION TAKEN REPORT ON THE COMMENTS
GIVEN BY EXTERNAL COURSE FILE AUDITOR**

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **English**

S. No.	Comments from External Expert	Action Taken
1.	Undue importance is given to teaching and learning rules of grammar	Students lack basic grammar skills. So importance is given to rules of grammar.
2.	appropriate topics and exposure to writing are not included in the syllabus	Assignments are given to enhance writing skills.
3.	The aspect of reading is missing in the curriculum	Students are encouraged to read the text and reference books.
4.	Students can also be given more exposure to content required for presentation	It is noted and will be added in the next CDC.
5.	Some of the sample presentations can be included in the curriculum instead of spending more time on teaching about presentation.	Usually links to sample presentations are given in the class and students are encouraged to watch the videos.
6.	In my opinion, a complete revamp of the syllabus is absolutely necessary	The process of revamping the syllabus is on and will be passed in the next BoS.


HoD


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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **Management Studies**

S. No.	Comments from External Expert	Action Taken
1.	Suggested to conduct live projects with industry every semester with real time problems.	We are roped in by Colgate for the last two years (except Covid -19 period) to give our students a live project exposure. The feedback from the students are awesome. They also get stipend and get a fair chance of being observed based on performances.
2.	Suggested to conduct frequent workshops, invited lectures with industry personnel and academicians on personality development and other soft skills.	In our MBA Program, Guest lectures and workshops are hallmark. Every Students get the exposure on variety of them like "Digital Marketing, Placement Preparedness, Resume building, HR practices and Stock and Derivatives trading and many more.
3.	Inclusion of courses like Marketing Research, Market Analytics in the curriculum that are in tandem with the present research scenario in business.	It is taken care in the last syllabus revisions and incorporated in Marketing specialization subjects. Besides two lab courses were introduced in all the streams to get hands on experience by every students.
4.	Recommended to include simulation workshops, business games and role plays etc.	These are commonly used in select specializations and course teachers, besides faculty also use Mentee.com Quizzzee and Kahoot as part of their teaching methodologies.


HoD 3/11/21


Dean

**ACTION TAKEN REPORT ON THE COMMENTS
GIVEN BY EXTERNAL COURSE FILE AUDITOR****EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20**Name of the Department: **Department of Commerce and International Trade**

S. No.	Comments from External Expert	Action Taken
1.	Course Outcomes are many but not used in questions or assessments. Cos of some courses must be fine tune	This has been shared among the faculty members to adhere to this from the ensuing semester onwards. COs fine tuning will be done in the subsequent BoS when the syllabus revision takes place. (but which courses COs need to be fine - tuned are not mentioned by the expert)
2.	Blooms taxonomy metrics are not properly matched with the wording of questions. Training Programs can be conducted to understand the metrics of LoT and HoT questions.	Will be revised in the subsequent BoS while syllabus revision comes up. For training programs will work closely work with IQAC and take their support and help in finding the right resource persons for the training.
3.	Out of 11 metrics given in the QA, 2 to 3 are alone given significance among most of the faculty members. Faculty members may be motivated to use other metrics also	The QA assessment metrics are interlinked with the subjects taught by the concerned faculty and its usage depends upon the appropriateness of the metrics. However Faculty members will be motivated accordingly.
4.	Fast learners may be motivated to help slow learners to reduce failure. Teams insider the class having 4 to 5 members with the leader (from Fast Learner) can be created to discuss, present and other assignments together. It would certainly improve the knowledge level of all the students as we do classes online. The effective leader can be appreciated by awarding some marks in their assessments	Suggestions and observations by the expert is valid and it will be considered suitably in the ensuing semesters.
5.	Innovation and Best Practices should be strengthened, technology, online courses, social media can better be adopted. Newspapers (such as Economic Times, Financial Express) reading should be inculcated to enhance the updates.	Students are inculcated with reading newspapers particularly business newspapers like ET/Fin Express etc. besides few business magazines. This we will make it in a formal way across classes.

6.	Guest Lecture/Industry Expert Lecture should be conducted on contemporaries in the relevant subjects	This has already been started from this odd semester 2021-22 onwards, it will go in full swing subsequently.
7.	Faculty members after evaluation may be requested to give feedback on why they secured low marks and ways to improve the performance are also to be suggested. This will certainly motivate the students by way of identifying their areas of weakness	KITS one of its best practices of hourly feedback of faculty is discussed by the HoD then and there to and motivate the faculty members with low marks to perform well and inspire the students through their innovative teaching methodologies
8.	Invariably, innovation factors are not focused on by the faculty members. Training may be imparted to the faculty members to enhance creativity in teaching.	Will be ensured after discussions and consultation after taking IQAC into confidence.
9.	The fifth measurement of evaluation is not at all found in the documents given, hence my marks are allotted for only 35 marks	Will ensure with the faculty members and adopted with ensuing semesters.


 HoD
 3/11/21


 Dean



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

EVEN SEMESTER OF THE ACADEMIC YEAR 2019-20

Name of the Department: **DIGITAL SCIENCES**

S. No.	Comments from External Expert	Action Taken
1.	Improve the level of questions and do not ask one mark question(s) in the question paper. The question paper should consist of simple/direct questions, moderate questions and difficult questions.	The level of setting the questions will be improved. The approved question paper pattern is followed in setting the question paper. The questions are classified as Easy, Medium and Hard.
2.	For each mention Text Book details as well as Reference Books details.	Every course listed in the academic handbook contains Text Books and Reference Books. The same is reflected in the Teaching Plan also.
3.	If applicable, add laboratory component to the course by converting 3:0:0/4:0:0 (L:T:P) course into 3:0:2 course.	This suggestion given by the expert will be discussed in the CDC and action will be taken to incorporate lab courses along with the theory.
4.	Ask various types of questions such that question paper should cover all different categories of Bloom's Taxonomy (Remember, Analyze, Understand, Apply, Evaluate and Create).	The suggestion given by the expert will be discussed and deliberated in the faculty meeting. The possibilities of covering all the categories of Bloom's Taxonomy will be explored.
5.	Maintain the standard size of the class strength. Divide the class strength into two sections if the strength of the class greater than 60.	The suggestion given by the expert will be taken into consideration.
6.	It would be better to inform faculty members to set the question paper such that no single question carries a maximum marks of 20 Marks.	The suggestions given by the expert will be discussed in the faculty meeting and action will be initiated on setting single question with 20 marks.

P. Ranjitheba Nagesh
HoD 10/11/2021

Joseph Bernady
Dean