SUPPORTING DOCUMENTS

CRITERIA NO :6	**Governance, Leadership and Management**
KEY INDICATOR:6.5	**Internal Quality Assurance System**
METRIC NO. 6.5.2	**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities.**

Exhibit No:	Document Name	Page No.
6.5.2-A	**Constitution of Academic audit Committee & IQAC**	**1**
6.5.2-B	**Copy of Academic audit committee reports on teaching –learning process and learning outcomes twice in a semester**	**4**
6.5.2-C	**Copy of IQAC reports on CIA question papers**	**20**

CONSTITUTION OF ACADEMIC AUDIT COMMITTEE

&

CONSTITUTION OF IQAC

Proceedings of the Principal

Ref: ACET/POP-011/2019-2020/Dated:03.07.2019

A committee has been formed to audit the academic activities relevant to Anna University curriculum during the academic year 2019-2020. Dr.N.Kathiravan, Dean (Academics) will function as the chairperson of the committee.

The members of the committee are:

Dr.N.Kathiravan, Dean (Academics)	– Chairperson
Dr.R.Sivakumar, Professor and Head/Mechatronics	– Member
Dr.S.Sendhil Kumar, Associate Professor/Mechanical	– Member
Mr.V.Mohankumar, Assistant Professor/ Mechatronics	– Member
Mr.P.A.Edwin Fernando, Assistant Professor/Civil	– Member
Mr.K.Sabareeshwaran, Assistant Professor/EEE	– Member
Mr.A.Abdul Hayum, Assistant Professor/ECE	– Member
Mr.S.Jeevanandham, Assistant Professor/CSE	– Member
Dr.A.Anithasree, Assistant Professor/English	– Member

The chairperson of the committee will co-ordinate the audit with the help of the members listed above as per the academic calendar (tentative) enclosed.

PRINCIPAL
Dr. J. JAYA, M Tech Ph.D
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109

Cc: Submitted to The Managing Trustee & Chairman for Information
Cc: Submitted to The Director
Cc: Submitted to The Joint Director
Cc: Dean (Academics)
Cc: all Hods with a request to circulate among the members of faculty
Cc to: File

AKSHAYA
COLLEGE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-An ISO 9001-2015 Certified Institution)
Kinathukadavu, Coimbatore - 642 109.

Proceedings of the Principal

Ref: ACET/POP-026/2019-2020/Dated:19.08.2019

To enhance the quality of teaching–learning process and to bring in substantial improvement in academics and administrative process in our institution, an *"Internal Quality Assurance Cell (IQAC)"* with effect from 19.08.2019 has been formed with the following composition as per the latest guideline <u>Version 5 dated 12-01-2018 (23/5/2018)</u> of NAAC.

Dr.J.Jaya, Principal	- Chairperson
Dr.R.Sivakumar, Professor & Head / Mechatronics	- Teacher Representative
Dr.S.R.Barkunan, Professor & Head / ECE	- Teacher Representative
Dr.S.Nagaraja, Professor & Head / Mechanical	- Teacher Representative
Prof.P.Dhamodharan, Associate Professor & Head / CSE	- Teacher Representative
Prof.V.Mohankumar, Assistant Professor/ Mechatronics	- Teacher Representative
Prof.D.Gunapriya, Assistant Professor/ EEE	- Teacher Representative
Prof.K.Thirunavukarasu, Assistant Professor & Head / Civil	- Teacher Representative
Prof.C.Nirmala, Assistant Professor & Head / S&H	- Teacher Representative
Shri.P.Rangaraj,Trustee	- Representative from the Management
Mr.S.Kapilan, PRO	- Senior Administrative Officer
Mrs.R.Geetha,Office Manager	- Senior Administrative Officer
Mr.C.Rajan, Sub Inspector of Police,Kinathukadavu Branch	- Nominee from local society
Mr.M.Suriya Prakash, Third year BE Mechanical Engineering	- Student nominee
Mr.A.Balasundaram,Team Head Production, Messer Cutting systems Pvt Ltd	- Nominee from Alumni
Mr.G.Rajesh Kumar, HR Manager,eNoah iSolution India Pvt Ltd,Chennai	- Nominee from Employer
Mr.J.Senthil Prakash,Managing Director,Technopac Automation & Controls	- Industrialist
Mr.N.Murugasamy, F/o Hari Prakash.M, Final year BE Mechanical Engineering	- Parent Nominee
Dr.N.Kathiravan, Dean (Academics)	- Co-ordinator of the IQAC

PRINCIPAL

Dr. J. JAYA, M.Tech Ph.D,
PRINCIPAL
Akshaya College of Engineering and Technology,
Kinathukadavu, Coimbatore-642 109

Cc: Submitted to The Managing Trustee & Chairman for Information
Cc: Submitted to The Director
Cc: Submitted to The Joint Director
Cc: all Hods with a request to circulate among the members of faculty
Cc to: File

COPY OF ACADEMIC AUDIT COMMITTEES REPORTS ON TEACHING –LEARNING PROCESS AND LEARNING OUTCOMES TWICE IN A SEMESTER

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: III / II CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 6.8.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	MA8351	Discrete Mathematics	Mrs. E.Lathanayagam, AP/Maths	1.3 units	1.5 units	1.3 units	1.5 units	1.5 units	Yes	1 unit	1	74%	Need additional Classes for Coaching
2	CS8351	Digital Principles and System Design	Mr.S. Udhaya Kumar, AP/ECE	1.2 units	1.5 units	1 unit	1.5 units	1.5 units	Yes	1 unit	1	75%	Need to get sign from HOD in Logbook
3	CS8391	Data Structures	Mrs.S.Nithyapriya, AP/CSE	1.4 units	1.5 units	1.4 units	1.5 units	1.5 units	Yes	1 unit	1	85%	Need to write CIA dates, Additional Coaching class in logbook.
4	CS8392	Object Oriented Programming	Ms.P.Sowkarthiga, AP/CSE	1.5 units	1.5 units	1.4 units	1.5 units	1.5 units	Yes	1 unit	1	82%	Need to write Content beyond the Syllabus in logbook.
5	EC8395	Communication Engineering	Ms.V.Karthika, AP/ECE	1.3 units	1.5 units	1.2 units	1.5 units	1.5 units	Yes	1 unit	1	70%	Course materials need to be given to the students

Member- Academic Audit Committee
(S.Jeovanandham)

Member- IQAC
(N. Rajkumar)

Coordinator -IQAC 14/8/19

Akshaya College of Engineering and Technology

Academic Audit Form

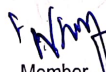Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020 `   Semester &Class: V/ III CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 6.8.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1.	MA8551	Algebra and Number Theory	Ms.S.Lavitha, AP/CSE	1.3 units	1.5 units	1.3 units	1.5 units	1.5 units	Yes	1 unit	1	70%	Need additional hours for Coaching and Practising Problems
2.	CS8591	Computer Networks	Dr.N.Rajkumar, Asso.Prof/CSE	1.4 units	1.5 units	1.3 units	1.5 units	1.5 units	Yes	1 unit	1	80%	Log book need to Completed
3.	EC8691	Microprocessors and Microcontrollers	Mr.T.Boopalan, AP/ECE	1.4 units	1.5 units	1 unit	1.5 units	1.5 units	Yes	1 unit	1	82%	Session Plan to be get approval.
4.	CS8501	Theory of Computation	Mr.S.Jeevanandham, AP/CSE	1 3/4 units	1.5 units	1.5 units	1.5 units	1.5 units	Yes	1 unit	1	85%	Need to give more university Solved Problem
5.	CS8592	Object Oriented Analysis and Design	Prof.P.Damodharan, Asso.Prof/CSE	1.5 units	1.5 units	1.5 units	1.5 units	1.5 units	Yes	1.5 units	1	84%	Need to write CIA dates and CIA Marks in logbook
6.	OCE552	Geographic Information System	Mrs.R.Saranya, AP/CSE	1.4 units	1.5 units	1.4 units	1.5 units	1.5 units	Yes	1 unit	1	75%	Need to get sign in logbook

Member- Academic Audit Committee
(S.Jeevanandham)

Member -IQAC
(N. Rajkumar)

Coordinator -IQAC
14.8.19

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering **Period:** I/~~II/III~~ **AY:** 2019 – 2020 **Semester &Class:** VII / IV CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 6.8.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	CS6701	Cryptography and Network Security	Mrs.R.Saranya, AP/CSE	1.4 units	1.5 units	1.4 units	1.5 unit	1.5 units	Yes	1 unit	1	85%	Hod sign not Verified in logbook
2	CS6702	Graph Theory and Applications	Mr.P.Parthasarathi, AP/CSE	1.6 units	1.5 units	1.5 units	1.5 unit	1.5 units	Yes	1 unit	1	88%	Session plan to be approved
3	CS6703	Grid and Cloud Computing	Mr.S.Jeevanandham, AP/CSE	1.5 units	1.5 units	1.5 units.	1.5 unit	1.5 units	Yes	1 unit	1	90%	CIA dates, Coaching Class attendance not updated in log book
4	CS6704	Resource Management Techniques	Mrs.RavithaLakshmi, AP/Maths	1.3 units	1.5 units	1 units	1.5 unit	1.5 units	Yes	1 unit	1	80%	Syllabus Coverage not as per plan
5	CS6004	Cyber Forensics	Mrs.S.Nithyapriya, AP/CSE	1.5 units	1.5 units	1.4 units	1.5 unit	1.5 units	Yes	1 unit	1	85%	Content beyond to be updated
6	CS6005	Advanced Database Systems	Dr.N.Rajkumar, Asso.Prof/CSE	1.5 units	1.5 units	1.5 units	1.5 units	1.5 units	Yes	1 unit	1	90%	log book to be Verified
7	CS6007	Information Retrieval	Prof.P.Damodharan, Asso.Prof/CSE	1.5 units	1.5 units	1.5 units	1.5 units	1.5 units	Yes	1 unit	1	82%	log book to be Completed

Member-Academic Audit Committee
(S.Jeevanandham)

Member- IQAC
(N.Rajkumar)

Coordinator -IQAC

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: III / II CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 13.9.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	MA8351	Discrete Mathematics	Mrs. E.Lathanayagam, AP/Maths	2.9 units	3 units	2.5 units	3 units	3 units	Yes	2.5 units	1	82%	Session plan need to get approval from HOD
2	CS8351	Digital Principles and System Design	Mr.S. Udhaya Kumar, AP/ECE	2.8 units	3 units	2.7 units	3 units	3 units	Yes	2.8 units	1	80%	Need extra hours for solving problems
3	CS8391	Data Structures	Mrs.S.Nithyapriya, AP/CSE	3 units	3 units	2.8 units	3 units	3 units	Yes	2.5 units	1	90%	Need to complete Portions quickly
4	CS8392	Object Oriented Programming	Ms.P.Sowkarthiga, AP/CSE	2.9 units	3 units	2.9 units	3 units	3 units	Yes	2.9 units	1	85%	Has to give some extra programs for practice
5	EC8395	Communication Engineering	Ms.V.Karthika, AP/ECE	2.9 units	3 units	2.9 units	3 units	3 units	Yes	2.5 units	1	82%	Need to write CIA Marks in logbook

Member- Academic Audit Committee   (S. Jeevanandham)

Member- IQAC   (N. Rajkumar)

Coordinator -IQAC

Akshaya College of Engineering and Technology

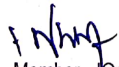## Academic Audit Form

Dept: Computer Science and Engineering   Period: ~~I~~/II/~~III~~   AY: 2019 – 2020   Semester &Class: V/ III CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 13.9.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1.	MA8551	Algebra and Number Theory	Ms.S.Lavitha, AP/CSE	2.9 units	3units	3units	3units	3units	Yes	2.5 units	1	75%	Need to give more University solved Problems
2.	CS8591	Computer Networks	Dr.N.Rajkumar, Asso.Prof/CSE	3units	3units	2units	3units	3units	Yes	2units	1	80%	Session plan not got approval form HOD
3.	EC8691	Microprocessors and Microcontrollers	Mr.T.Boopalan, AP/ECE	2.8 units	3units	2.8 units	3units	3units	Yes	2.5 units	1	85%	Log book need to be Completed
4.	CS8501	Theory of Computation	Mr.S.Jeevanandham, AP/CSE	3 units	3units	2.8 units	3units	3units	Yes	2.5 units	1	90%	Additional class and Contents beyond need to be written in logbook
5.	CS8592	Object Oriented Analysis and Design	Prof.P.Damodharan, Asso.Prof/CSE	3.1 units	3units	3.1 units	3units	3units	Yes	3 units	1	88%	CIA Marks not updated in log book
6.	OCE552	Geographic Information System	Mrs.R.Saranya, AP/CSE	2.7 units	3units	2.7 units	3units	3units	Yes	2.5 units	1	84%	Need to write CIA dates and additional class in logbook

Member- Academic Audit Committee   (S.Jeevanandham)   Member -IQAC   (N.Rajkuman)   Coordinator -IQAC

Lakshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: VII / IV CSE

No	Course Code	Course title	Name of the faculty	Portion Coverage Till 13.9.19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	CS6701	Cryptography and Network Security	Mrs.R.Saranya, AP/CSE	2.9 units	3 units	2.5 units	3 units	3 units	Yes	2.5 units	1	85%	Session plan not Completed
2	CS6702	Graph Theory and Applications	Mr.P.Parthasarathi, AP/CSE	3 units	3 units	3 units	3 units	3 units	Yes	3 units	1	90%	Log book not verified
3	CS6703	Grid and Cloud Computing	Mr.S.Jeevanandham, AP/CSE	3.1 units	3 units	3 units	3 units	3 units	Yes	3 units	1	95%	CIA Marks and Coaching class topics to be updated
4	CS6704	Resource Management Techniques	Mrs.RavithaLakshmi, AP/Maths	2.7 units	3 units	2.7 units	3 units	3 units	Yes	2.5 units	1	82%	University solved problems to be given to Students
5	CS6004	Cyber Forensics	Mrs.S.Nithyapriya, AP/CSE	2.9 units	3 units	2.9 units	3 units	3 units	Yes	2.5 units	1	88%	Additional coaching Class attendance not updated
6	CS6005	Advanced Database Systems	Dr.N.Rajkumar, Asso.Prof/CSE	2.9 units	3 units	2.9 units	3 units	3 units	Yes	2.5 units	1	95%	Topics covered not updated in logbook for I unit
7	CS6007	Information Retrieval	Prof.P.Damodharan, Asso.Prof/CSE	2.8 units	3 units	3 units	3 units	3 units	Yes	2.8 units	1	92%	Session Plan not approved

(S. Jeevanandham)
Member- Academic Audit Committee

Member- IQAC
(N. Rajkumar)

Coordinator -IQAC

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: ~~I~~/~~II~~/III   AY: 2019 – 2020   Semester &Class: III / II CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till <u>14·10·19</u> (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	MA8351	Discrete Mathematics	Mrs. E.Lathanayagam, AP/Maths	5 unit	5 unit	4¾ unit	5 unit	5 units	Yes	4¾ unit	1	80%	More University questions may be added in material
2	CS8351	Digital Principles and System Design	Mr.S. Udhaya Kumar, AP/ECE	5 units	5 units	4½ unit	5 unit	5 units	Yes	4 units	1	82%	Log book and Session plan 5th unit not verified
3	CS8391	Data Structures	Mrs.S.Nithyapriya, AP/CSE	5 units	5 units	5 units	5 unit	5 units	Yes	5 units	1	85%	Mention Date of Conduct in Session plan
4	CS8392	Object Oriented Programming	Ms.P.Sowkarthiga, AP/CSE	5 units	5 units	5 units	5 unit	5 units	Yes	5 units	1	90%	Additional Programs may be given
5	EC8395	Communication Engineering	Ms.V.Karthika, AP/ECE	5 units	5 units	4½ unit	5 unit	5 units	Yes	4 units	1	85%	Need to get Sign in logbook and Session plan

Member-Academic Audit Committee
(S·Jeevanandham)

Member- IQAC
P· DAMODHARAN

Coordinator -IQAC

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: ~~I/II/~~III   AY: 2019 – 2020   Semester &Class: V/ III CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 14·10·19 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1.	MA8551	Algebra and Number Theory	Ms.S.Lavitha, AP/CSE	4½ units	5 units	5 units	5 units	5 units	Yes	4½ units	1	80%	Extra University Solved Q&A for unit 4 &5 Required
2.	CS8591	Computer Networks	Dr.N.Rajkumar, Asso.Prof/CSE	5 units	5 units	5 units	5 units	5 units	Yes	4 units	1	90%	Need to get Sign in logbook
3.	EC8691	Microprocessors and Microcontrollers	Mr.T.Boopalan, AP/ECE	43/4 units	5 units	4 units	5 units	5 units	Yes	4 units	1	95%	Need to get approval in Session plan from HOD
4.	CS8501	Theory of Computation	Mr.S.Jeevanandham, AP/CSE	43/4 units	43/4 units	4½ units	5 unit	5 units	Yes	4½ units	1	85%	Portion Coverage Shortage
5.	CS8592	Object Oriented Analysis and Design	Prof.P.Damodharan, Asso.Prof/CSE	5 units	5 units	5 units	5 units	5 units	Yes	5 units	1	86%	In Session plan, method of Preparation Can be given more details
6.	OCE552	Geographic Information System	Mrs.R.Saranya, AP/CSE	43/4 units	5 units	43/4 units	5 units	5 units	Yes	4 units	1	95%	Need to get Sign from HOD in log book

Member-Academic Audit Committee
(S. Jeevanandham)

Member - IQAC
P. DAMODHARAN

Coordinator -IQAC

Akshaya College of Engineering and Technology

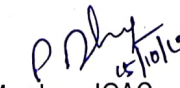## Academic Audit Form

Dept: Computer Science and Engineering   Period: ~~I/II~~/III   AY: 2019 – 2020 `   Semester &Class: VII / IV CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 14.10.2019 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	CS6701	Cryptography and Network Security	Mrs.R.Saranya, AP/CSE	5 unit	5 units	4½ units	5 units	5 units	Yes	4 units	1	90%	HOD Sign missing in Session plan
2	CS6702	Graph Theory and Applications	Mr.P.Parthasarathi, AP/CSE	5 units	5 units	4 units ½	5 units	5 units	Yes	5 units	1	85%	Session plan reg no and lesson plan sl no should be included
3	CS6703	Grid and Cloud Computing	Mr.S.Jeevanandham, AP/CSE	5 units	5 units	5 units	5 units	5 unit	Yes	4 units	1	93%	Need to get approval from HOD in log book
4	CS6704	Resource Management Techniques	Mrs.RavithaLakshmi, AP/Maths	5 units	5 units	4½ unit	5 units	5 units	Yes	4½ units	1	85%	Session Plan has to prepared for each topic separately
5	CS6004	Cyber Forensics	Mrs.S.Nithyapriya, AP/CSE	5 units	5 units	5 units	5 units	5 units	Yes	4¾ units	1	92%	Additional questions need for 5th unit
6	CS6005	Advanced Database Systems	Dr.N.Rajkumar, Asso.Prof/CSE	5 units	5 units	5 units	5 units	5 units	Yes	4 units	1	95%	Hod sign missing in log book
7	CS6007	Information Retrieval	Prof.P.Damodharan, Asso.Prof/CSE	5 units	5 units	5 units	5 units	5 units	Yes	4 units ½	1	95%	HOD sign may be put in all session plans

Member- Academic Audit Committee
(S Jeevanandham)

Member- IQAC
P. DAMODHARAN

Coordinator -IQAC
N. ____ 15/10/19

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III–   AY: 2019 – 2020   Semester & Class :IV/ II CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 07.01.2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	MA8402	Probability and Queuing Theory (PQT)	Mrs. M. Lathnayagam, AP/ Maths	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	85%	Record the details of content beyond syllabus in logbook
2	CS8491	Computer Architecture (CA)	Mr. S. Jeevanandham, AP/CSE	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	90%	
3	CS8492	Database Management Systems(DBMS)	Dr.N.Rajkumar, Asso. Prof/ECE	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	95%	
4	CS8451	Design and Analysis of Algorithms (DAA)	Mr.P.Parthasarathi, AP/CSE	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	90%	
5	CS8493	Operating Systems (OS)	Mrs.R.Saranya, AP/CSE	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	90%	Need to get signature from HOD in logbook.
6	CS8494	Software Engineering (SE)	Ms.K.Veena, AP/CSE	1.5 units	5 units	2 units	2 units	2 units	Yes	Yes	—	90%	

Instructions given to faculty members to carryout corrective action.

Member- Academic Audit Committee   Member- IQAC   Coordinator –IQAC 7/1/20

7/11/2020

7/1/2020

[J. KEERTHIKA]   [P. PARTHASARATHI]

Scanned with CamScanner

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: VI/ III CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 01.01.2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1.	CS8651	Internet Programming (IP)	Ms.P.Sowkarthiga, AP/CSE	1¼ units	5 units	2 units	2 units	2 units	Yes	Yes	–	90%	Session plan to be get approval
2.	CS8691	Artificial Intelligence (AI)	Mrs.S.Nithyapriya, AP/CSE	1 ¼ units	5 units	2 units	2 units	2 units	Yes	Yes	–	90%	
3.	CS8601	Mobile Computing (MC)	Ms.K.Veena, AP/CSE	1 ¼ units	5 units	2 units	2 units	2 units	Yes	Yes	–	90%	
4.	CS8602	Compiler Design (CD)	Mrs.S.Umamaheswari, AP/CSE	1 ¼ units	5 units	2 units	2 units	2 units	Yes	Yes	–	85%	Record the content Beyond the syllabus topics in logbook.
5.	CS8603	Distributed Systems (DS)	Mrs.J.Keerthika, AP/CSE	1 unit	5 units	2 units	2 units	2 units	Yes	Yes	–	85%	
6.	CS8075	Data Warehousing and Data Mining (DWDM)	Dr.N.Suguna, Professor	1 ¼ units	5 units	2 units	2 units	2 units	Yes	Yes	–	90%	

Instructions given to faculty concerned to initiate corrective action.

7/1/2020
Member- Academic Audit Committee
[J. KEERTHIKA]

7/1/2020
Member- IQAC
(P. PARTHASARATHI)

7/1/20
Coordinator –IQAC

Akshaya College of Engineering and Technology

Academic Audit Form

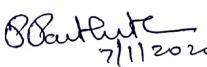Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: VIII/ IV CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 07.01.2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	CS6801	Multi-core Architectures and Programming (MCA)	Ms.P.Sowkarthiga, AP/CSE	2 units	5 units	2 units	2 units	2 units	yes	yes	—	95/-	
2	CS6008	Human Computer Interaction (HCI)	Mrs.R. Saranya, AP/CSE	1 3/4 units	5 units	2 units	2 units	2 units	yes	yes	—	90/-	Record the details of content beyond the syllabus in logbook
3	MG6088	Software Project Management (SPM)	Mrs.S.Nithyapriya, AP/CSE	1.5 units	5 units	2 units	2 units	2 units	yes	yes	—	95/-	
4	CS6811	Project Work	Dr.N.Rajkumar, Asso. Prof / ECE Mr.P. Parthasarathi, AP/CSE Ms.P.Sowkarthiga, AP/CSE Mrs.R. Saranya,AP/CSE Mrs.S.Nithyapriya, AP/CSE	1 Review	—	—	—	—	—	—	—	—	

Instructions given to faculty concerned to carryout corrective action.

Member- Academic Audit Committee   7/1/2020

[J. KEERTHIKA]

Member- IQAC   7/1/2020

[P. PARTHA SARATHI]

Coordinator –IQAC   7/1/20

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Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester & Class :IV/ II CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 10.02.2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	MA8402	Probability and Queuing Theory (PQT)	Mrs. M. Lathnayagam, AP/ Maths	3 units	5 units	3 units	3units	3 units	Yes	Yes	1	85%	
2	CS8491	Computer Architecture (CA)	Mr. S. Jeevanandham, AP/CSE	2.5 units	5 units	3 units	3units	3 units	Yes	Yes	1	95%	Session plan to be get Approval
3	CS8492	Database Management Systems(DBMS)	Dr.N.Rajkumar, Asso. Prof/ECE	3 units	5 units	2 units	3units	3 units	Yes	Yes	1	95%	
4	CS8451	Design and Analysis of Algorithms (DAA)	Mr.P.Parthasarathi, AP/CSE	2.5units	5 units	3 units	2 units	3 units	Yes	Yes	1	90%	
5	CS8493	Operating Systems (OS)	Mrs.R.Saranya, AP/CSE	2.5units	5 units	2 units	3units	3 units	Yes	Yes	1	90%	
6	CS8494	Software Engineering (SE)	Ms.K.Veena, AP/CSE	2.5units	5units	3 units	3units	3 units	Yes	Yes	1	90%	Need to get HOD sign in logbook

Member- Academic Audit Committee   10/2/2020

[J. KEERTHIKA]

Member- IQAC   10/2/2020

[P. PARTHASARATHI]

Coordinator –IQAC

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Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering

Period: I/II/III

AY: 2019 – 2020   Semester & Class: VI/ III CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 10-02-2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1.	CS8651	Internet Programming (IP)	Ms.P.Sowkarthiga, AP/CSE	2 3/4 units	5 units	3 units	3 units	3 units	Yes	Yes	1	90%	Need to Write CIA-MARKS in logbook.
2.	CS8691	Artificial Intelligence (AI)	Mrs.S.Nithyapriya, AP/CSE	2.5 units	5 units	2 units	2 units	3 units	Yes	Yes	1	90%	
3.	CS8601	Mobile Computing (MC)	Ms.K.Veena, AP/CSE	2.5 units	5 units	3 units	3 units	3 units	Yes	Yes	1	90%	
4.	CS8602	Compiler Design (CD)	Mrs.S.Umamaheswari, AP/CSE	2.5 units	5 units	3 units	3 units	3 units	Yes	Yes	1	90%	Session plan Not completed
5.	CS8603	Distributed Systems (DS)	Mrs.J.Keerthika, AP/CSE	2.5 units	5 units	3 units	3 units	3 units	Yes	Yes	1	95%	
6.	CS8075	Data Warehousing and Data Mining (DWDM)	Dr.N.Suguna, Professor	2.5 units	5 units	2 units	3 units	3 units	Yes	Yes	1	90%	

Instructions given Concerned faculty to initiate corrective action

Member- Academic Audit Committee

[J. KEERTHIKA]

10/2/2020
Member- IQAC
[P. PARTHASARATHI]

Coordinator –IQAC

Akshaya College of Engineering and Technology

Academic Audit Form

Dept: Computer Science and Engineering   Period: I/II/III   AY: 2019 – 2020   Semester &Class: VIII/ IV CSE

S.No	Course Code	Course title	Name of the faculty	Portion Coverage Till 10.02.2020 (in units)	Lesson Plan preparation	Session Plan preparation	Course Material prepared/ given to students	Part A Q&A and Part B Q&A prepared and given to students	Previous year AU Q&A prepared and given to students	Log book entries verified	No. of Tests conducted during this period	Expected pass percentage in the next CIA/Model	Observations/Comments
1	CS6801	Multi-core Architectures and Programming (MCA)	Ms.P.Sowkarthiga, AP/CSE	4 units	5 units	4 Units	4units	4 units	yes	Yes	1	90%	
2	CS6008	Human Computer Interaction (HCI)	Mrs.R. Saranya, AP/CSE	3.5 units	5 units	2 units	4units	4 units	Yes	Yes	1	90%	
3	MG6088	Software Project Management (SPM)	Mrs.S.Nithyapriya, AP/CSE	3.5 units	5 units	4 units	4units	4 units	Yes	Yes	1	95%	
4	CS6811	Project Work	Dr.N.Rajkumar, Asso. Prof / ECE Mr.P. Parthasarathi, AP/CSE Ms.P.Sowkarthiga, AP/CSE Mrs.R. Saranya,AP/CSE Mrs.S.Nithyapriya, AP/CSE	2 Review	—	—	—	—	—	—	—	—	Record the Project Review document in seperate file

Instruction given to Concerned faculty to carryout corrective action

10.2.2020
Member- Academic Audit Committee
[J. KEERTHIKA]

10/2/2020
Member- IQAC
[P. PARTHASARATHI]

Coordinator –IQAC co n

COPY OF IQAC REPORTS ON CIA QUESTION PAPERS

AKSHAYA
COLLEGE OF ENGINEERING AND TECHNOLOGY
Kinathukadavu, Coimbatore - 642 109.

DEPARTMENT OF _Electrical & Electronics_ ENGINEERING

ACADEMIC YEAR 2019-2020 - ODD SEMESTER

CONTINUOUS INTERNAL ASSESSMENT - II

QUESTION PAPER SCRUTINY FORM

YEAR	SEMESTER	COURSE CODE	COURSE TITLE	TYPE OF ASSESSMENT	NAME OF THE FACULTY
IV	VII	EE6702	Protection & switchgear	CIA-II	K. Sabareeshwaran

Portion fixed for the Assessment as per Course plan: Unit 2 (½) + Unit 3(1) Date of Q.P. scrutiny: 17/9/19

Content of the question paper has been scrutinized for the following aspects and suggestions given for improving the quality of the question paper.

1	Syllabus Coverage
2	CO mapping
3	Adherence to revised Bloom's taxonomy cognitive level
4	Questions from GATE, Previous year regular & Arrear question papers and reference given
5	Missing data
6	Grammatical mistakes
7	Fair and Uniform distribution of marks for the portion covered

QNo.	SUGGESTION TO IMPROVEMENT
4	Change Explain to Recall and blooms level as R
5.	Change mention to Summarize & blooms level as U
6 b.)	Replace 'a' for 'the' and use caps for transformer
7 b)	Reframe the question
8 a i)	Change the word outline
(ii)	Reframe the question
8 b)	Include where the relay to be used

SIGNATURE OF SCRUTINIZERS:

Name: Gurupriya D	Name: Dr. N. Katheravan	Name:
	Natraj 17/9	

All the correction have been carried out accordingly and new question paper submitted on: 18/9/19

Faculty signature

AKSHAYA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-An ISO 9001:2015 Certified Institution)
Kinathukadavu, Coimbatore - 642 109.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2019-2020 – ODD SEMESTER
CONTINUOUS INTERNAL ASSESSMENT - II

Course Code & Title : EE6702& Protection and Switchgear

Year / Semester : IV / VII   Date : 20 / 09 / 2019 AN

Time : 1.30hrs.(max)   Max Marks : 50 Marks

| CO2 | *Understand the different types of relay used in the power system* |
| CO3 | *Design protective scheme for bus bar, transformer & Alternator* |

PART – A (5 X 2 =10 Marks)
Answer all questions

1. Classify the types of electromagnetic relay.(Nov/Dec 2017)   CO2 / A

2. Define Negative Sequence Component.(Apr/May 2016)   CO2 / R

3. Outline the problems associated in bus zone differential protection.   CO3 / U

4. Explain the term field suppression.   CO3 / P

5. Mention the short comings of Merz price scheme of protection applied to a power transformer.   CO3 / R

PART – B (2 X 13 =26 Marks)

6.a. Develop and explain the relaying schemes which are employed for the protection of a modern alternator.   CO3 / A

(Or)

6.b. Outline the sketch and explain the protection schemes used in transformer.   CO3 / U

7.a. Explain about the protection of transmission line.   CO3 / U

(Or)

7.b. Identify What type of protective scheme is employed for the protection of the field winding of the alternator against ground faults and explain about it. with necessary diagrams in neat   CO3 / A

PART – C (1 X 14 =14 Marks)

8.a. (i) Outline with sketch and explain negative sequence relay operation (7)   CO2 / A
     (ii) Examine and explain about current balance differential relay (7) in TXR. appli. for industry   CO2 / A

(Or)

8.b. Outline with sketch and explain the working principle of distance relay with a neat sketch for Trans. line.   CO2 / A

Prepared by
Name: K.Sabareeshwaran
Date: 16.09.2019

AKSHAYA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai An ISO 9001:2015 Certified Institution)
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2019-2020 – ODD SEMESTER
CONTINUOUS INTERNAL ASSESSMENT - II

Course Code & Title : EE6702& Protection and Switchgear

Year / Semester   : IV / VII   Date   : 20 / 09 / 2019 AN

Time   : 1.30hrs.(max)   Max Marks   :50 Marks

CO2	Understand the different types of relay used in the power system
CO3	Design protective scheme for bus bar, transformer & Alternator

PART – A (5 X 2 =10 Marks)
Answer all questions

1.	Classify the types of electromagnetic relay.(Nov/Dec 2017)	CO2 / A
2.	Define Negative Sequence Component.(Apr/May 2016)	CO2 / R
3.	Outline the problems associated in bus zone differential protection.	CO3 / U
4.	Recall the term field suppression.	CO3 / R
5.	Summarize the short comings of Merz price scheme of protection applied to a power transformer.	CO3 / U

PART – B (2 X 13 =26 Marks)

6.a.   Develop and explain the relay schemes which are employed for the protection of a   CO3 / A
modern alternator.

(Or)

6.b.   Outline a sketch and explain the protection schemes used in Transformer.   CO3 / U

7.a.   Explain about the protection schemes employed in transmission line.   CO3 / U

(Or)

7.b.   Identify the type of protective scheme employed for the protection of the field winding in   CO3 / A
alternator against ground faults. Explain about it with necessary diagrams.

PART – C (1 X 14 =14 Marks)

8.a.   (i)   With neat sketch explain negative sequence relay operation in power system   CO2 / A
protection.   (7)

(ii)   Examine the operation of current balance differential relay in transformer applications   CO2 / A
for industries.   (7)

(Or)

8.b.   With neat sketch explain the working principle of distance relay used in the power   CO2 / A
system protection.

Prepared by
Name: K.Sabareeshwaran
Date: 16.09.2019