

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-В | Copy of Academic audit committee reports on teaching –learning process and learning outcomes twice in a semester | 4 |
| 6.5.2-С | Copy of IQAC reports on CIA question papers | 20 |

EXHIBIT NO: 6.5.2-A

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.

CIPAI

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

Cc to: File

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



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

Dr.R.Sivakumar, Professor & Head / Mechatronics

Dr.S.R.Barkunan, Professor & Head / ECE

Dr.S.Nagaraja, Professor & Head / Mechanical

Prof.P.Dhamodharan, Associate Professor & Head / CSE

Prof.V.Mohankumar, Assistant Professor/ Mechatronics

Prof.D.Gunapriya, Assistant Professor/ EEE

Prof.K.Thirunavukarasu, Assistant Professor & Head / Civil

Prof.C.Nirmala, Assistant Professor & Head / S&H

Shri.P.Rangaraj, Trustee

Mr.S.Kapilan, PRO

Mrs.R.Geetha,Office Manager

Mr.C.Rajan, Sub Inspector of Police, Kinathukadavu Branch

Mr.M.Suriya Prakash, Third year BE Mechanical Engineering

Mr.A.Balasundaram, Team Head Production, Messer Cutting systems Pvt Ltd

Mr.G.Rajesh Kumar, HR Manager, eNoah iSolution India Pvt Ltd, Chennai

Mr.J.Senthil Prakash, Managing Director, Technopac Automation & Controls Mr.N.Murugasamy, F/o Hari Prakash.M, Final year BE Mechanical Engineering

Dr.N.Kathiravan, Dean (Academics)

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

- Chairperson
- Teacher Representative
- Representative from the Management
- Senior Administrative Officer
- Senior Administrative Officer
- Nominee from local society
- Student nominee
- Nominee from Alumni
- Nominee from Employer
- Industrialist
- Parent Nominee
- Co-ordinator of the IQAC



EXHIBIT NO: 6.5.2-B

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

ACADEMIC AUDIT REPORTS FOR 2019-2020 ODD SEMESTER

Kkshaya College of Engineering and Technology

Academic Audit Form

| C | ept: Co | mputer Science and | Engineering | Period: I/ | \\//// | А | Y: 2019 | - 2020 | Ser | nester | &Class: II | I / II CSE | |
|-----|------------------|---|----------------------------------|---|----------------------------|---------------|-----------------------|---|--------|------------------------------------|--------------------|--|---|
| S.N | o Course Code | Course title | Name of the faculty | Portion Coverage Till 6.8.19 (in units) | Lesson Plan preparation | Plan | prepared/ given to | Part A Q&A and Part B Q& A prepared and given to students | AU Q&A | Log book entries verified | Tests conducted | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | MA835 | Discrete Mathematics | Mrs. E.Lathanayagam, AP/Maths | 1.3 units | 1.5 Units | 1.3 units | 1.5 Units | 1.5 units | Yes | unit | 1 | 747. | 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 | l | I | 757. | 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 wits | 1.5 Units | 1.5 .Units | Yes | unit | 1 | 85% | Need to write Cin datus, Additional Gasching Class in loglace |
| 4 | | | Ms.P.Sowkarthiga, AP/CSE | 1.5 units | 1.5 units | 1.4 units | 1.5 units | 1.5 Units | Yes | unit | 1 | 82.1 | Need to write Con beyond the syllabus logbook. |
| 5 | FL X 195 L | | Ms.V.Karthika, AP/ECE | 1.3 Units | 1.5 Units | 1.2. units | 1.5 Units | 1.5 (un) \$ | Yes | l | 1 | 704 | Course material need to be given to the student |

Academic Audit Committee (S. Jeovanan cham) Member

AC C · Rayicomor)

Coordinator-IQACiy Istry

| | | | | | Aca | demic Auc | dit Form | | | | | | |
|------|---------------|---|-------------------------------------|--|----------------------------|--------------------------------|---------------|---|---|--------------|-----------|--|---|
| C | Dept: Co | mputer Science and E | ngineering | Period: I/ | ₩ | A | Y: 2019 | – 2020 ` | Sem | nester 8 | &Class: V | / III CSE | |
| S.No | Cours Code | L'OURSE IIILE | Name of the faculty | Portion Coverage Till <u>6.8.19</u> (in units) | Lesson Plan preparation | Session Plan preparation | prepared/ | Part A Q&A and Part B Q& A prepared and given to students | Previous year AU Q&A prepared and given to students | | | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1. | MA855 | 1 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 Lunit | t | 70% | Need additional hours for Conclung and Practising Problem |
| 2. | CS8591 | Computer Networks | Dr.N.Rajkumar, Asso.Prof/CSE | 1.年 Unit> | 1.5 Units | 1.3 Units | 1.5 Units | 1.5 units | Yes | l unit | 1 | 80% | Log book need tok completed |
| 3. | EC8691 | Microprocessors and Microcontrollers | Mr.T.Boopalan, AP/ECE | 1.4 Unit | 1.5. Units | unit | 1.5, Units | 1.5ts | Yes | unit | 1 | 827. | get approval. |
| 4. | CS8501 | | Mr.S.Jeevanandham, AP/CSE | 1 3/4 units | 1.5 Units | 1.5. Units | 1.5 Units | 1.5 Units | Yes | unit | 1 | 851 | 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 Unit | 1.5 units | Yes | 1.5 Units | | 84 1 | Marks in Logboo |
| 6. | OCE552 | | Mrs.R.Saranya, AP/CSE | 1.4 units | 1.5 Units | 1.4 wit | 1.5 Units | 1.5 units | Yes | l suni | + 1 | 757 | 1. Need toget sig in logbook |

Rkshaya College of Engineering and Technology

Academic Audit Committee (S-Deevanandham) Memper

Member-QAC (N. Rez comos)

Coordinator - IQAC 1416/15

| | | | | | AC | ademic Au | dit Form | | | | | | |
|-----|------------------|--------------------------------------|-------------------------------------|---|----------------------------|---------------------|---------------|---|---|-----------------------------|-----------------------------------|--------------------|------------------------------------|
| ۵ | Dept: Com | nputer Science and I | Engineering | Period: I/ | ₩/₩ | A | Y: 2019 | 9 – 2020 ` | Sei | mester | &Class: V | II / IV CSE | |
| S.N | o Course Code | Course title | | Portion Coverage Till 6·8·19 (in units) | Lesson Plan preparation | Plan preparation | prepared | Part A Q&A and Part B Q& A prepared and given to students | Previous year & AU Q&A prepared and given to students | book entries verified | Tests conducted during this | pass percentage | Observations/Comments |
| 1 | CS6701 | Cryptography and Network Security | Mrs.R.Saranya, AP/CSE | 1.4 Units | 1.5 Units | 1.4 tints | 1.5 Uni\$ | 1.5 Units | Yes | anit | I | 851. | Hod sign not Voilfiel in logbor |
| 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 | Ĩ | 88 Y. | Session plan to be approved |
| 3 | CS6703 | Grid and Cloud Computing | Mr.S.Jeevanandham, AP/CSE | 1.5 Units | 1.5 Units | 1.5 winits. | 1.5 Unit | 1.5 units | Yes | unit | 1. | 904. | not updated in 191 |
| 4 | CS6704 | Resource Management Techniques | Mrs.RavithaLakshmi, AP/Maths | 1.3 Units | 1.5 Units | 1 rints | 1.5 Unit | 1.5 Units | Yes | unit | 1 | 807. | 1010050010110 |
| 5 | CS6004 | Cyber Forensics | Mrs.S.Nithyapriya, AP/CSE | 1.5 Units | 1.5 units | 1.4 unts | 1.5 4ni \$ | 1.5 Units | Yes | unit | 1 | 851 | TO DE open |
| 6 | CS6005 | | Dr.N.Rajkumar, Asso.Prof/CSE | 1.5 White | 1.5 Units | 1.5 Units | 1.5 Units | 1.5 units | Yes | unit | - 1 | 90 | Venjus |
| | CS6007 | | Prof.P.Damodharan, Asso.Prof/CSE | 1.5 Units | 1.5 units | 1.5 units | 1.5 Units | 1:5 mits | Yes | 1 uni |) \ | 82 | Log book to |

Akshaya College of Engineering and Technology

Member Academic Audit Committee (S. Jeenanandham)

betrut Member- IQAC

(N. Rycuman)

Coordinator-IQAC wilsting

| (m) | | | | 600 |
|-----------------|-----------|--------------|-------|-------------|
| C kshava | College | f Engineerin | hne r | Technology |
| Thomaya | College 0 | Ligineering | y anu | reconnology |

| Acad | lemic | Audit | Form | |
|------|-------|-------|------|--|
| | | | | |

| D | ept: Cor | mputer Science and | Engineering | Period:-I/I | 11/ 111 - | A | Y: 2019 | - 2020 | Ser | nester | &Class: II | I / II CSE | |
|------|----------------|---|----------------------------------|---|----------------------|---------------------|-----------------------------------|---|---|-----------------|--------------------|--|---|
| S.No | Course Code | Course title | Name of the faculty | Portion Coverage Till <u>13 · 9 ·</u> 19 (in units) | | Plan preparation | Material prepared/ given to | Part A Q&A and Part B Q& A prepared and given to students | Previous year AU Q&A prepared and given to students | book entries | Tests conducted | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | MA835 | 1 Discrete Mathematics | Mrs. E.Lathanayagam, AP/Maths | 2.9 with | 3 wits | 2.5 With | 3 with | 3 unit | Yes | 2.5 miti | 1 | | from HOP |
| 2 | CS8351 | Digital Principles and System Design | Mr.S. Udhaya Kumar, AP/ECE | 2.8 with | Zuritz | 2.7 wit | Burit | 3 whit | Yes | 2.8 with | ١ | Soy. | |
| 3 | CS8391 | Data Structures | Mrs.S.Nithyapriya, AP/CSE | 3 units | 3 mit | 2.8 Wit | Junit | 3 wit | Yes | 2.5 wind | ۽ ا | 90% | Need to complete Portions quickly |
| 4 | (SX 497 | | Ms.P.Sowkarthiga, AP/CSE | 2.9 writr | 3 units | 2.9 Witz | 3 uniti | Buniti | Yes | 2.9 wit | 1 | 85%. | Has to give som Extra programs for practice |
| 5 | EC 8 195 1 | | Ms.V.Karthika, AP/ECE | 2.9 witz | Bunit | 2.9 White | 3mit | Bundts | Yes | 2.5 with | | 82% | Need to write CIA Marks in Logbook |

13/9/19 Member Academic Audit Committee

11 Member- IQAC (N-Rajicumar)

Coordinator - ICAC 15 414

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| | Dept: Cor | mputer Science and Er | ngineering | Period:+/I | 11/111 | A, | Y: 2019 | - 2020` | Sen | nester 8 | &Class: V | / III CSE | |
|-----|------------------|--|-------------------------------------|--|----------------------------|---------------------|-----------|---|----------|-------------|-------------|--|---|
| S.N | o Course Code | Lourse title | Name of the faculty | Portion Coverage Till (<u>3.9.19</u> (in units) | Lesson Plan preparation | Plan preparation | prepared/ | and Part B Q& A prepared and given to | prepared | book | during this | Expected pass percentage in the next CIA/Model | |
| 1. | . MA855 | Algebra and Number Theory | Ms.S.Lavitha, AP/CSE | 2.9 Wits | Zunt | 3 unit | Burit | 3 anit | Yes | 2.5 with | ١ | 75% | Need to give more University Solved problems |
| 2. | CS8591 | | Dr.N.Rajkumar, Asso.Prof/CSE | 3 units | Bunts | Bunt | 3 unit | 5 Bunits | Yes | Zit |) | 80% | Session plan not got approval form HOD |
| 3. | | | Mr.T.Boopalan, AP/ECE | 2.8 unit | Bunits | 2.8 write | Burit | Surit | Yes | 2.5 unit | д 1 | 85% | to be complete |
| 4. | CS8501 | | Mr.S.Jeevanandham, AP/CSE | | Zunit | | | | | 2.5 Unit | | 90% | Additional class and contents beyond need to be written in logoole |
| 5. | | Object Oriented Analysis I and Design | Prof.P.Damodharan, Asso.Prof/CSE | 3.1 Units | Burit | 2.1 wit | 3 cunt | 3 units | Yes | 3 Unit | ا کر | 887. | CIA Montes hot updated in log Look |
| 6. | U.E. 77/1- | | Mrs.R.Saranya, AP/CSE | 2.7 Wirts | zuvitz | 2.7 whit | 3unt | z zwich | s Yes | 2.5 Unit | 51 | 847 | Nord to vinite |

Rkshaya College of Engineering and Technology Academic Audit Form

Member-Academic Audit Committee

YNW Member - IQAC (N. Rajkuman)

Coordinator-10AC 16 14 14

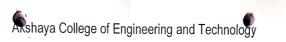
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| / | | | | ∖kshaya (| College o | f Engine | ering a | ind Techno | logy | | | | |
|------|----------|--------------------------------------|-------------------------------------|--|----------------------------|---|--|---|--|---------------------|--------------------|--|---|
| | | | | | Aca | ademic Au | dit Form | | | | | | |
| Dep | t: Compu | iter Science and Er | ngineering | Period: 1/II | /111 | A | Y: 2019 |) – 2020 ` | Ser | nester | &Class: V | /II / IV CSE | |
| No C | | | lame of the faculty | | Lesson Plan preparation | Plan | prepared/ given to | Part A Q&A and Part B Q& A prepared and given to students | Previous year AU Q&A prepared and given to students | entries verified | Tests conducted | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | CS6701 | Cryptography and Network Security | Mrs.R.Saranya, AP/CSE | 2.9 cirits | 3 unit | 2.5 with | Built | Burit | Yes | 2:5 | ٢ | 857. | Session plan not Completed |
| 2 | CS6702 | Graph Theory and Applications | Mr.P.Parthasarathi, AP/CSE | 3 unit | Buit | 3 und | 3 unt | Buind | Yes | 2 auid | Ì. | 90% | log book not verified |
| 3 | CS6703 | Grid and Cloud Computing | Mr.S.Jeevanandham, AP/CSE | 3.1 with | 3 units | Burit | 2 wit | 3 units | Yes | zurit | . 1 | 95% | CIA Manks and Coaching class topics to be updated |
| | 1 CS6704 | Resource Management Techniques | t Mrs.RavithaLakshmi, AP/Maths | and a state of the state of the state of the state | 3 with | 2.9 write | Bunt | | | 2.5 Units |) | 827. | University solved problems to be given to student |
| : | 5 CS6004 | Cyber Forensics | Mrs.S.Nithyapriya, AP/CSE | 2.9 write | 3 wit | and the second second at the second se | Contraction and a second second of the | Contraction of the second second second | yes | 2.5 UNI | . 1 | 887. | Additional coaching Class attendance not updated |
| 6 | CS6005 | Advanced Database Systems | Dr.N.Rajkumar, Asso.Prof/CSE | 2.9 with | 3 with | 2.9 unito | 3 unt | Contraction of the second second second second | The second statement of the se | 2.5 unit | . 1 | 95% | in logbook for the |
| 7 | CS6007 | Information Retrievaî | Prof.P.Damodharan, Asso.Prof/CSE | 2.8 units | Buritz | 3 cint | Burt | Junt | Yes | 2.8 wit | - 1 | 92% | Session plan not approved |

Member- Academic Audit Committee

Member- IQAC

Coordinator - IQACULU



| D | ept: Co | mputer Science and | Engineering | Period: 4/ | ++/111 | A | Y: 2019 | - 2020 | Ser | nester | &Class: II | I / II CSE | |
|-----|----------------|--------------------------------------|----------------------------------|---|----------|---------------------|-----------------------|---|---|-----------------|-----------------------------------|--|---|
| S.N | course Code | Course title | Name of the faculty | Portion Coverage Till <u>)Ҷ、」ѻ₊∖</u> Ӌ (in units) | | Plan preparation | prepared/ given to | Part A Q&A and Part B Q8 A prepared and given to students | Previous year AU Q&A prepared and given to students | book entries | Tests conducted during this | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | MA835 | 1 Discrete Mathematics | Mrs. E.Lathanayagam, AP/Maths | Banit | Sunt | +34 unit | 5 Janil | 5 Sunt | Yes | 4-3/4 eint | 1 | 80X | Mose University questions may be added is materia |
| 2 | CS8351 | Digital Principles and System Design | Mr.S. Udhaya Kumar, AP/ECE | 5 unit | 5 cirite | 4 12 whit | - 5 cint | 5 with | Yes | fiend | 1 | 82% | (pa book and |
| 3 | CS8391 | Data Structures | Mrs.S.Nithyapriya, AP/CSE | Sunt | 5 Unit | 5 units | 5 mit | Funit | Yes | Swit | , | 85% | Mention Date 16 Conduct is Serion plan |
| 4 | (\$8397 | | Ms.P.Sowkarthiga, AP/CSE | Sunit | Switz | Funit | Sunt | 5 with | Yes | Gunit | 1 | 901. | Additional Program May be given |
| 5 | 1:0.83951 | | Ms.V.Karthika, AP/ECE | Swints | Sunt | 4/2 mit | -Saint | Scuritz | Yes | quin | F) | 85% | Need to get sam in Logbook and Sever on plan |

Member-Academic Audit Committee (S. Jeovanandham)

Member- IQAC P. DAMODHARAN

Coordinator -IQAC 1 Durly

Akshaya College of Engineering and Technology

Academic Audit Form

| ſ | Dept: Computer Science and Engineering | | | Period: 1/11 | HIII | A١ | Y: 2019 - | – 2020 ` | Serr | nester 8 | | | |
|------|--|--|-------------------------------------|-------------------------|----------------------------|-----------------------------|-----------|---|----------|--------------|-------------|--|-----------------------------------|
| S.No | Course | | Name of the faculty | | Lesson Plan preparation | Session Plan preparation | prepared/ | Part A Q&A and Part B Q& A prepared and given to students | prepared | | during this | Expected pass percentage in the next CIA/Model | |
| 1. | MA8551 | Algebra and Number Theory | Ms.S.Lavitha, AP/CSE | 4 1/2 anit | 5 curith | 5 anit | Bunit | 5 Switz | Yes | 4 Kind | h] | 80% | Unit 4.85 Requir |
| 2. | CS8591 | Computer Networks | Dr.N.Rajkumar, Asso.Prof/CSE | 5 unit | Sunits | Sumit | Sunth | 5 units | Yes | first | 1 | 90% | Sign in Nogbook |
| 3. | EC8691 | | Mr.T.Boopalan, AP/ECE | 43/4 wind | 5 Surita | Junit | Surib | surit | Yes | qui | 1 | 95% | Need to get approval in Sepsit |
| 4. | CS8501 | Theory of Computation | | 43/4 wint | 43/4 vin | 5, 41/2 mil | r Sant | t Scinit | Yes | 41/2m | int 1 | 85% | Shortage |
| 5. | | Object Oriented Analysis and Design | Prof.P.Damodharan, Asso.Prof/CSE | 5 unite | 5 units | 5unit | Fruit | 5 wit | 5 Nes | Suri | 115 1 | 867. | Can be given mos |
| 6. | | | Mrs.R.Saranya, AP/CSE | A3/ queints | 5 with | 73/4 uin | h trent | 5 Funits | Yes | G uni | × 1 | 95% | Aloral En got |

Member-Academic Audit Committee (S. Jeevanandham)

Member - IQAC P. DAMODHARAN

Coordinator -IQAC wholes

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|-----------|-----------------------|-------------|--------|
| nkshaya (| College of Engineerin | ig and Tech | nology |

| | | | | | | U | | oning u | | logy | | | | |
|---|-------|--------|--------------------------------------|---|---------|---------|---------------------|-----------------------------------|---|---|-----------------|-------|--|--|
| | | | | | | Aca | demic Aud | it Form | | | | | | |
| Dept: Computer Science and Engineering Period: +/++/III AY: 2019 – 2020 ` Semester &Class: VII / IV CSE | | | | | | | | | | | E a | | | |
| | Cours | | urse title | | | | Plan preparation | Material prepared/ given to | Part A Q&A and Part B Q& A prepared and given to students | Previous year AU Q&A prepared and given to students | book entries | | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | CS | | Cryptography and Network Security | Mrs.R.Saranya, AP/CSE | Sunda | 5 curit | 41/2 with | Sant | 5 unit | Yes | quit | 1 | 90% | Hod Sign missing in Session Plan |
| 2 | CS | | Graph Theory and Applications | Mr.P.Parthasarathi, AP/CSE | Sants | Sunt | quint 1/2 | Gaint | n Suniti | Yes | 5 mit |) | 85% | Session plan Repno and lesson plansling should be included |
| : | 3 C | S6703 | Grid and Cloud Computing | Mr.S.Jeevanandham, AP/CSE | 5 wints | Swith | 5 unit | Scilit | 5 cuit | Yes | Aunt | 1 | 937. | Aleed to get approval from HOP is log book |
| | 4 | CS6704 | Resource Managem Techniques | ent Mrs.RavithaLakshmi, AP/Maths | 5 units | Sant | 4/2 mi | t San | to Sunits | Yes | 44200 | utr 1 | 85% | each topic separat |
| | 5 | CS600 | 04 Cyber Forensics | Mrs.S.Nithyapriya, AP/CSE | 5 with | Swith | Schitz | Sunt | 5 cirito | Yes | 43/45 | utr 1 | 927 | aditional quest |
| | 6 | CS60 | 05 Advanced Databas Systems | e Dr.N.Rajkumar, Asso.Prof/CSE | Bank | Sunt | 5 wit | 5 Bun | h Suhut | Yes | quin | t I | 951 | togsign missing. is log Look |
| | 7 | CS600 | 07 Information Retrie | Prof.P.Damodharan, val Asso.Prof/CSE | Barit | Suint | Emits | Fuid | 5 Scurt | Yes | 4 min 1/2 | \$F | 951 | Hop sign may Le put in all session plans |

OF Member Aca demic Audit Committee (S. JULVan and ham)

Member- IQAC P. DAMODITARAN

N. Jenno Coordinator -IQAC 6 holy

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ACADEMIC AUDIT REPORTS FOR 2019-2020 EVEN SEMESTER

Akshaya College of Engineering and Technology

| 12 | No Cour | se Course title | Name of the faculty | Destin | | 1 | | | | | mester & | | |
|-----|---------|--|-----------------------------------|---|----------------------------|---------|----------|-----------------------------|----------|-----------------------------|--------------------|--|--|
| 5.1 | Code | | Name of the faculty | Portion Coverage Till <u>0月,01,20</u> 26 (in units) | Lesson Plan preparation | Plan | prepared | and Part B Q8 A prepared | prepared | book entries verified | Tests conducted | Expected pass percentage in the next CIA/Model | Observations/Comments |
| 1 | MA8 | 402 Probability and Queuing Theory (PQT | Mrs. M. Lathnayagam, AP/ Maths | 1.5 wit | 5 units | 2 units | 2 cunits | 2 units | Yes | Yes | - | 851. | Record the details of content beyond syllabue in loglook |
| 2 | CS84 | 91 Computer Architecture (CA) | Mr. S. Jeevanandham, AP/CSE | 1.5 units | 5 units | 2 units | 2 units | 2 units | Yes | Yes | - | 90.1. | 0 |
| 3 | CS849 | Database Management Systems(DBMS) | Dr.N.Rajkumar, Asso. Prof/ECE | 1.15 units | 5 units | 2 units | 2 units | 2 writs | Yes | Yes | - | 951. | |
| 4 | CS845 | Design and Analysis of Algorithms (DAA) | Mr.P.Parthasarathi, AP/CSE | 1.5 units | 5 units | 2 units | 2 Whits | 2 units | Yes | Yes | · | 90.1. | |
| | CS8493 | Operating Systems (OS) | Árs.R.Saranya, AP/CSE | 1.15 units | 5 Units | 2 Units | 2 units | 2 mits | Уы | Yes | - | 90.1. | New to get signate from HOD in logtook. |
| С | | Software Engineering (SE) | ls.K.Veena, AP/CSE | 1. 5 units | 5 units | 2 units | 2 units | 2 units | Yes | YUS | - | 901. | |

Academic Audit Form

Member- Academic Audit Committee

[7. KEERTHIKA]

BBauthite Member- IQAC (P. PARTHASARATHI)

Coordinator -IQAC

Instructions given to faculty membros to carry out corrective action.

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| D | ept: Co | mputer Science and | Engineering | | Period: I | /II/ III - | | AY: 2 | 019 - 2020 | Se | mester & | Class: VI | / III CSE |
|------|----------------|-----------------------|-------------------------------|--|-------------|-----------------------|-----------------------------------|---|------------|------------------------|-----------------------------------|--------------------------|--|
| S.No | Course Code | Course title | Name of the faculty | Portion Coverage Till <u>o≒ o1.2 0</u> 2τ (in units) | Lesson Plan | Plan preparation | Material prepared/ given to | and Part B Q& A prepared and given to | prepared | Log book entries | Tests conducted during this | in the next CIA/Model | Observations/Comments |
| 1. | CS8651 | | Ms.P.Sowkarthiga, AP/CSE | 1 /4 unite | 5 units | 2 undes | 2 units | 2 units | yes | Yes | _ | c D-}, | Semion plantobe get approval |
| 2. | CS8691 | | Mrs.S.Nithyapriya, AP/CSE | 1 1/4 units | 5 units | 2 units | 2 units | 2 units | Yes | Yex | - | 90.1. | |
| 3. | CS8601 | Mobile Computing (MC) | Ms.K.Veena, AP/CSE | 1/4 | 5 units | 2 units | 2 anits | 2 units | Yes | Yes | - | 90% | |
| 4. | CS8602 | Committee Design (CD) | Mrs.S.Umamaheswari, AP/CSE | | 5 units | 2 units | 2 units | 2 units | Уц | Yes | - | 85% | Record the content Buyon the syllabus topics in loybook. |
| 5. | CS8603 | | Mrs.J.Keerthika, AP/CSE | 1 unit | 5 units | 2 units | 2 units | 2 units | Yes | Yu | - | 8 5% | |
| 6. | CS8075 | | Drofossor | 1 1/4 units | 5 units | 2 units | 2 writs | 2 units | Yes | Yes | - | 90.1. | |
| | | | | | | | | | | | nchiov aki c | is fin | in to faculty is |

Akshaya College of Engineering and Technology

J. July 411/2020 Member- Academic Audit Committee

[J. KEERTHIKA]

Blowfut 7/112020 Member-IQAC P. PARTHASARATHI

Coordinator -IQAC

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Akshaya College of Engineering and Technology

AY: 2019 - 2020 Semester &Class: VIII/ IV CSE Period: I/II/III-Dept: Computer Science and Engineering Course Expected Part A Q&A Previous year No. of Portion Material Log Session and Part B Q& AU Q&A Tests , pass Coverage prepared/ A prepared given to and given to S.No Course Code Name of the faculty esson Plan book Plan conducted percentage during this in the next period CIA/Model Observations/Comments prepared Course title Till entries reparation preparation given to and given to 07.01.202 verified students (in units) students students Multi-core Ms.P.Sowkarthiga, CS6801 Architectures and 1 5 units 2 units AP/CSE 2 units 2 units 2 units 95% Yes Programming (MCA) YU Record the Mrs.R. Saranya, 13/4 Human Computer Interaction (HCI) CS6008 5 mits 2 units ditails of contrat 2 units 2 units AP/CSE 90.1. yu YUS with beyond the syllature in logbood Software Project Mrs.S.Nithyapriya, 1.5 2 units 2 units 951. 2 units Yes _ MG6088 13 5 units yes Management (SPM) AP/CSE units Dr.N.Rajkumar, Asso. Prof / ECE Mr.P. Parthasarathi, 1 AP/CSE _ CS6811 Project Work Ms.P.Sowkarthiga, Review AP/CSE Mrs.R. Saranya, AP/CSE Mrs.S.Nithyapriya, AP/CSE

Instructions from to faculty concorned to carryout Correction action.

Member- Academic Audit Committee

[J. KEEPTHIKA]

Boartent Member-102020 [P.PARTHASAROTH]

Coordinator -IQAC 71100

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| Aks iaya College of Engineering and Technolog | gy |
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| | JY |

| | Dent: Co | omputer Science an | d Engineering | | | | | | | | | | |
|-----|-------------------|--|-----------------------------------|---|----------------------------|---------|---|---|----------|-----------------|-----------------------------------|--------------------|--------------------------------------|
| | | | u Engineering | | Period: - | ŀ∕II/₩- | | AY: 2019 | - 2020 | Se | mester 8 | Class :IV | / II CSE |
| 1.2 | lo Course Code | Course title | Name of the faculty | Portion Coverage Till <u>10.02.20</u> 20 (in units) | Lesson Plan preparation | Plan | Course Material prepared/ given to students | and Part B Q& A prepared and given to | prepared | book entries | Tests conducted during this | pass percentage | Observations/Comments |
| 1 | MA840 | 2 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. Junit | 5 units | 3 units | Bunits | 3 units | Yes | Yes | 1 | ৭চ্ছা | Servicen plan to be get Approval |
| 3 | CS8492 | Database Management Systems(DBMS) | Dr.N.Rajkumar, Asso. Prof/ECE | 3 units | 5 units | 2 units | 3 units | 3 units | Yes | Yes | ٦ | 95% | |
| 4 | CS8451 | Design and Analysis of Algorithms (DAA) | | 2. Flinits | 5 unite | 3 writs | 3 units | 3 units | Yus | Yes | ٥ | 90.1. | |
| 5 | | Operating Systems (OS) | Mrs.R.Saranya, AP/CSE | 2. Furits | 5 units | 2 units | 3 units | 3 units | Yes | Yes | ٩ | 90.1. | |
| 6 | | Software Engineering (SE) | As.K.Veena, AP/CSE | 2.15Units | 5 units | 3 writs | 3 units | 3 units | Уел | Yes | ۵ | 901. | Need to get \$100 sign in logbook |

2 2020 Member- Academic Audit Committee

[J. KEERTHIKA]

(Vaulut 6/2/2020 Member- IQAC (P. PARTHASARATHI)

Coordinator -IQAC wh

| Akshaya College of Engineering and Technol | Į, ogy |
|--|-----------|
|--|-----------|

Dept: Computer Science and Engineering Period:-+/II/III-AY: 2019 - 2020 Semester &Class: VI/ III CSE ~ Portion Course Part A Q&A Previous year Coverage Course Session Material No. of Expected S.No Name of the faculty prepared/A prepared given to and given to Log Course title esson Plan Plan and Part B Q& AU Q&A Code Till Tests pass book conducted percentage during this in the next preparation prepared 10.02.2020 preparation given to Observations/Comments entries and given to (in units) students verified students period CIA/Model Internet Programming Ms.P.Sowkarthiga, 2 3/4 1. CS8651 Need to Write (IP) AP/CSE 5 units 3 units swrits 3 units CIA-MARKS in units Yes Yes 1 90+ logbook. Artificial Intelligence Mrs.S.Nithyapriya, 2. CS8691 (Al) 2 units AP/CSE 2. 5 units muts 5 units 3 units 90% YU 1 Yes 3. CS8601 Mobile Computing (MC) Ms.K.Veena, AP/CSE 2. Funits 5 units 3 units 3cenits 3 units Yes Yes 1 901. Mrs.S.Umamaheswari, CS8602 4. Compiler Design (CD) Servion plan AP/CSE 2.5 units 5 units Junita Junita 3 units YUS 90% 2 Yes Not completed Mrs.J.Keerthika, 5. CS8603 Distributed Systems (DS) 2.5 units 5 units AP/CSE 3 units 3 units 3 units 1 95% Yes Yu Data Warehousing and Dr.N.Suguna, 6. CS8075 Data Mining (DWDM) 2.5 units 5 units Yes 3 unids Professor 2 units 3 units Yes 2 901.

Member- Academic Audit Committee

[J. KEERTHIKA]

(Contente 6/212020 Member-IQAC PARTHASARATH]

N- And ton Coordinator -IQAC

Enstantions given concerned faulty E initiate corrections actions

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Aksaya College of Engineering and Technology

Academic Audit Form

Period:-I/II/III-

Dept: Computer Science and Engineering

AY: 201

AY: 2019 - 2020 Semester &Class: VIII/ IV CSE

| S.No | Course Code | Course title | Name of the faculty | Portion Coverage Till (<u>0.02.20</u> (in units) | Lesson Plan | Session Plan preparation | prepared/ given to | and Part B Q& A prepared and given to | AU Q&A | Log book entries | Tests conducted during this | 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 | qunits | 4 units | Yes | Yes | 2 | 90% | |
| 2 | CS6008 | Human Computer Interaction (HCI) | Mrs.R. Saranya, AP/CSE | 3.5 unit | 15 Units | 2 Writt | Aunits | 4 writs | 714 | Yes | Δ | 901, | |
| 3 | | Software Project Management (SPM) | Mrs.S.Nithyapriya, AP/CSE | 3.5 Wit | 5 units | 4 units | 4 units | 4 ernits | YRA | 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 Ruview document in reperste file |

Member- Academic Audit Committee

[J. KEERTHIKA]

BEEN 19/2020 Member IQAC P. PARTARKTRAP

Instruction simme to concerned faculty to carryout correction aution

Coordinator-IQAC (oh

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EXHIBIT NO: 6.5.2-C

COPY OF IQAC REPORTS ON CIA QUESTION PAPERS

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CIA QUESTION PAPER SCRUTINY FORM



DEPARTMENT OF Electrical A

Electronics ENGINEERING ACADEMIC YEAR 2019-2020 - ODD SEMESTER

CONTINUOUS INTERNAL ASSESSMENT - IN

QUESTION PAPER SCRUTINY FORM

| YEAR | SEMESTER | COURSE CODE | COURSE TITLE | TYPE OF ASSESSMENT | NAME OF THE FACULTY |
|------|----------|-------------|------------------------|-----------------------|---------------------|
| IV | VII | EE6702 | Protection & Switchger | CIA-I | K. Sabarechwaran |

Portion fixed for the Assessment as per Course plan: U_{M} it 2 (1k) + Writ 3(1) Date of Q.P. scrutiny: $17|q|_{19}$

| Conten paper. | t of the question paper has been scrutinized for the following aspects and suggestions given for improving the quality of the question |
|--|--|
| 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 6. 6. 7 2 8 8 8 3 8 8 3 | change Explain to Recill and blooms level as R Change mention to summarize a blooms level as U Replace a' for the' and use capit for transformer Reframe the question Change the word outline Reframe the question Thachide where the relay to be used |

SIGNATURE OF SCRUTINIZERS Name: Dr. N. Katheravan Name : Name : 71719 18/2/19 All the correction have been carried out accordingly and new question paper submitted on : Faculty signature

| - | QUESTION PAPER BEFORE SCRUTINY | |
|----------|---|------------|
| | A COLLEGE OF ENGINEERING AND TECHNOLOGY CADARAGE DE ACCE NEW Defin and Affiliated to Anna University, Chemral An Bollevel Loth 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 Date :20 / 09 / 2019 AN | I |
| Year / S | bemester . IV / VII | N |
| Time | : 1.30nrs.(max) | |
| CO2 | Understand the different types of relay used in the power system | |
| CO3 | Design protective scheme for bus bar, transformer & Alternator | |
| e a * | 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/R |
| surginal | Mention the short comings of Merz price scheme of protection applied to a power transformer. | CO3 / R) |
| | PART – B (2 X 13 =26 Marks) | CO3 / A |
| 6.a. | Develop and explain the relaying schemes which are employed for the protection of a | 00377 |
| | modern alternator. | |
| | (Or) | CO3 / U |
| 6.b. | Outline the sketch and explain the protection schemes used in transformer. | CO3 / U |
| 7.a. | Explain about the protection of transmission line. | 00370 |
| \smile | (Or) | |
| 7.b. | Identify What type of protective scheme is employed for the protection of the field | CO3/A |
| 14 | winding of the alternator against ground faults and explain about it, with necessary | S S |
| | PART - C (1 X 14 = 14 Marks) | protection |
| 8.a. | (i) Outline with sketch and explain negative sequence relay $OP^{(7)}$ | CO2/A |
| | (i) Outline with sketch and explain negative sequence relay of (7) (ii) Examine and explain about current balance differential relay (7) (Or) | GO2 / A |
| | (Or) applu | e. |
| 8.b. | Outline with sketch and explain the working principle of distance relay | CO2 / A |
| 0.0. | a reat overland for Trans line ? | · · · · |
| | KL-1 | |
| | W-f | |

Prepared by Name: K.Sabareeshwaran Date: 16.09.2019

| | | QUESTION PAPER AFTER SCRUTINY | |
|---|------|---|---------|
| | | A TZCTT ASZA | |
| | / | COLLEGE OF ENGINEERING AND TECHNOLOGY | |
| / | | Copposed by AICTE. New Dethi and Affiliated to Anna University, Chemiat An ISO 90012015 Centified Institution). Kinathukadavu, Coimbatore - 642 109. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING | |
| | | ACADEMIC YEAR 2019-2020 – ODD SEMESTER | |
| | | CONTINUOUS INTERNAL ASSESSMENT - II | |
| | Cour | se Code & Title : EE6702& Protection and Switchgear | |
| | Year | / Semester : IV / VII Date : 20 / 09 / 2019 Al | N |
| _ | Time | : 1.30hrs.(max) Max Marks :50 Marks | |
| | CO2 | Understand the different types of relay used in the power system | |
| | СОЗ | Design protective scheme for bus bar, transformer & Alternator | |
| | | PART – A (5 X 2 =10 Marks) Answer all questions | |
| J | 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 modern alternator. | CO3/A |
| | | (Or) | |
| | 6.b. | Outline a sketch and explain the protection schemes used in Transformer. | CO3 / U |
| L | 7.a. | Explain about the protection schemes employed in transmission line. (Or) | CO3 / U |
| | 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. | protection. (7) | CO2 / A |
| | | for industries. (7) | CO2 / A |
| | | (Or) | |
| | 8.b. | With neat sketch explain the working principle of distance relay used in the power system protection. | CO2 / A |
| | | B-7 | |
| | | Prepared by | |

Prepared by Name: K.Sabareeshwaran Date: 16.09.2019