



Department of Electrical and Electronics Engineering

Feedback on Curriculum and Action taken

(Academic Year: 2020-2021)

| Stakeholder | Feedback | Action Taken |
|-------------|--|--|
| Student | More experiments may be conducted using simulation tools. | Vlab and other online simulation software's are used for easy understanding of students. |
| | Lecture recordings be made available for all courses | The recording of the class lectures are uploaded in Google class room and the link is also placed in department page of the institute website. |
| | Sessions on E-vehicle may be offered | EV club is established to impart awareness and orient students on EV. |
| Faculty | Hands on training needed for power quality and energy audit to make the student understand the courses | Components like Power quality analyser are procured to impart hands on training. |
| | Partial delivery of courses for Energy Auditing and Electrical drives and Control be imparted. | Industrial experts are arranged for the partial delivery of the courses "Energy Auditing and Electrical drives and Control" |
| Alumni | Curriculum needs to be updated to the level of industry expectation. | The inputs from industrial experts are received to include courses and revise the existing courses to meet industrial expectations. |
| | Along with theory, more practical work experience oriented simulation or approach must be adopted. | Online virtual labs are adopted to impart real time/ Simulation. |
| Employer | Communication skills have to be improved | Communication training is offered to students through soft skills class. |


HoD/EEE

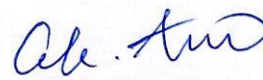

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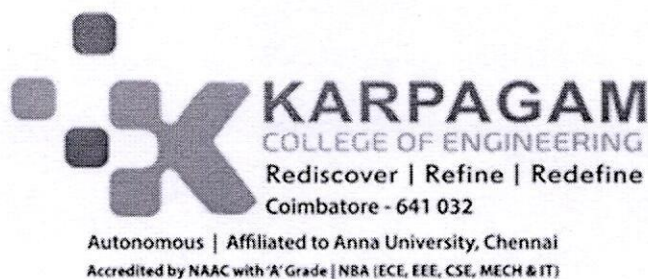
Department of Civil Engineering

Action Taken Report on Alumni Survey

Batch: 2016-2020

| S. No. | Suggestions | Inference | Action Taken |
|--------|---|--|--|
| 1. | Advanced software for analysis and design can be given. | Courses such as ETABS can be offered and taught by the industrial experts. | 18CF10 / Design of structures using ETABS course has been introduced in Regulation 2018. |
| 2. | Construction project planning software tools can be added in the curriculum | A course on project management using MS Project can be added in R2018 curriculum | The course 18CF11 / Project management using MS project is introduced in R2018 curriculum. |


HoD / Civil




DEPARTMENT OF CIVIL ENGINEERING

ACTION TAKEN REPORT ON EXIT SURVEY ANALYSIS

Batch: 2016

| S. No. | Suggestions for improvement | Inference | Action Taken |
|--------|--|---|--|
| 3. | Advanced software tools can be included in the curriculum | A course on Design of structures using ETABS can be added in R2018 curriculum. | The course 18CF10 / Design of structures using ETABS is included in R2018 curriculum. |
| 4. | Project Planning software tools can be taught to the students. | A course on Project Management using MS project can be added in R2018 curriculum. | The course 18CF11 / Project Management using MS Project is introduced in R2018 curriculum. |


HoD / Civil

KARPAGAM COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Updation in Detailed Syllabi from Surveys

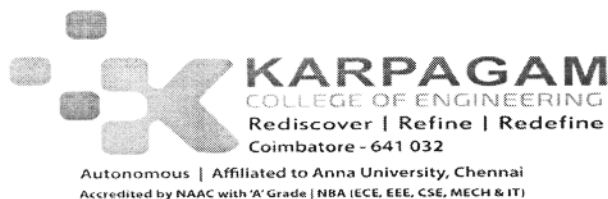
Academic year 2020-21

Course End Survey

| Name of Course | Feedback/Remarks by Student | Action Taken |
|--|--|---|
| 18PD19 / Principles of Compiler Design | Lab session can be increased. | Suggestions are considered and syllabus revision will be carried out in forthcoming CDC. |
| 18PD20 / Artificial Intelligence | Need real time examples. | To be discussed in forthcoming CDC |
| 18PD10 / Data warehouse and Data mining | Advanced problems can be solved. | To be discussed in forthcoming CDC |
| 18PE05 / Design and Analysis of Algorithms | Need more case studies. | To be discussed in forthcoming CDC |
| 18PE18 / Web Application Development using JAVA | Include more advanced programs. | To be discussed in forthcoming CDC |
| 18PE04 / Advanced Java Programming | Java programs can be taught on the basis of placement. | Suggestions are considered and syllabus revision will be carried out in forthcoming CDC. |
| 18PE01 / Advanced Data Structures | Number of lab sessions can be increased. | To be discussed in forthcoming CDC |
| 18POB12 / Probability and Statistics | Need more worksheet sessions. | To be discussed in forthcoming CDC |
| 18OG03 / Essence of Indian Traditional Knowledge | Additional activities can be done. | To be discussed in forthcoming CDC |
| 18PD05 / Database Management Systems | Real time examples and practical exercises needed. | To be discussed in forthcoming CDC |
| 18PD13 / Java Programming | Need more practical exercises. | To be discussed in forthcoming CDC |
| 18PD02 / Data structures | More real time examples can be needed | To be discussed in forthcoming CDC |
| Alumni Survey | | Action Taken |
| <ul style="list-style-type: none"> To concentrate more on Competitive learning and Aptitude soft skills. Insisted to conduct mini projects for each semester to get hands on experience. Suggested to improve more coding skills for Programming languages. | | <ul style="list-style-type: none"> All the inputs of the alumni are considered to put forth in CDC |

| Exit Survey | | Action Taken |
|--|--|--|
| <ul style="list-style-type: none"> Suggested to make certification courses as mandatory. Add mini projects for programming courses. Insisted to improve industry opted courses. | | <ul style="list-style-type: none"> All the inputs of the exit survey are considered to put forth in CDC |
| Employer survey | | Action Taken |
| <ul style="list-style-type: none"> Suggested to give courses on Artificial Intelligence, Agile and Oops concepts with exposure to latest technologies. Advised to give input on real time applications like web development and mobile app. Suggested to give training on programming languages and make mini projects in Data scientist. | | <ul style="list-style-type: none"> All the inputs of the employer survey are considered to put forth in CDC |
| Faculty Feedback | | Action Taken |
| 18NE15 Applied soft computing | Number of session can be increased. | To be discussed in forthcoming CDC |
| 18PD21 Streaming Analytics | The time duration of the course suffice. If needed few advanced topics like KAFKA streaming can be included. | To be discussed in forthcoming CDC |
| 18PD02 Data Structure | Recent books to be suggested in syllabus. Priority queue concept can be removed. | To be discussed in forthcoming CDC |
| 18PD05 Database management system | More practical session needed and also need basic for PL/SQL statements. | To be discussed in forthcoming CDC |
| 18PD13 Java Programming | Queue implementation may be included. | To be discussed in forthcoming CDC |
| 18PE05 Design and Analysis of Algorithms | Maximum subarray topic can be included in module II & module III | To be discussed in forthcoming CDC |
| 17PE17 Human Computer Interaction | Case studies in Ergonomics can be included. | To be discussed in forthcoming CDC |
| 18PE18 Web Application Development using Java | Spring framework related topics may be included. | To be discussed in forthcoming CDC |
| 18PD09 Software Engineering | Concepts like UML behavioral modeling can be included. | To be discussed in forthcoming CDC |
| 17PD19 Cryptography and network security | Foundations of modern cryptography: perfect security information theory product cryptosystem topics can be included. | To be discussed in forthcoming CDC |
| 17PD12 Unix and Shell Programming | Number of lab experiments can be reduced. | To be discussed in forthcoming CDC |
| 18PD15 Data Communication and Computer Networks | Simulation experiments need more time. | To be discussed in forthcoming CDC |
| 17FD21 Mobile computing and communication | Topics can be reduced. | To be discussed in forthcoming CDC |


HOD/CSE



DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Employer Survey

Academic Year 2020-2021

Consolidated Report on Curriculum Development:

- Need more exposure on basic programming knowledge.
- Communication skills are need to be improved
- Core basics should be developed.
- Need to gain knowledge more on real time applications and needs improvement in recent trends like web development and mobile app development.
- Concentration on more leadership skills is required.
- More hands on work is required. More projects should be asked to be made in user friendly way.
- Need more exposure on web development area and JAVA oriented courses can be provided.
- Industry standard, domain knowledge should be improved

HoD/EIE

DEPARTMENT OF INFORMATION TECHNOLOGY

Action Taken Report 2020- 21

EMPLOYER SURVEY - 2020-21

| S.No. | Suggestions from Employer | Action taken |
|-------|---|---|
| 1 | suggested to introduce new technologies in the curriculum and value added courses beyond the regular curriculum to get more exposure on technologies. | Will be incorporated for the upcoming CDC / BOS meeting |
| 2. | Suggested to give training for problem solving and technical skills. | |

EXIT SURVEY:

| S.No. | Suggestions from students | Action taken |
|-------|--|---|
| 1 | suggested to provide more industry supported courses in the curriculum to get exposure in latest trends. | Will be incorporated for the upcoming CDC / BOS meeting |
| 2. | Suggested to include more mini projects to get well knowledge in project preparation. | |
| 3 | suggested to have competitive exam and GATE classes along with the curriculum. | |

ALUMNI SURVEY:

| S.No. | Suggestions from students | Action taken |
|-------|--|---|
| 1 | suggested to provide NoSQL related courses as equal to SQL courses. | Will be incorporated for the upcoming CDC / BOS meeting |
| 2. | Suggested to give depth knowledge in fundamentals in all core courses. | |
| 3 | Suggested to give communication improvement trainings. | |

FACULTY FEEDBACK

| S.No. | Suggestions from Faculty | Action Taken |
|-------|---|---|
| 1 | High Speed Networks - All the module topics to be revamped based on recent technologies. | Will be incorporated upcoming CDC /BOS. |
| 2. | Information Security – Few topics are repeated and hours and topics are not mapping, syllabus can be modified. | |
| 3. | Cryptography and Network Security – Module 1 topics can be modified by mentioning the specific security concepts. | |
| 4. | Computer Architecture - Syllabus is vast so it can be reframed to match the hours and topics. | |

COURSE END SURVEY - 2020 - 21 (ODD and EVEN)

| Semester III | | |
|--------------|--|--|
| 1 | Students suggested to give extra hours for JAVA Programming courses | Will be considered for next courses. |
| Semester IV | | |
| 1 | Students suggested to provide Tutorial for Computer Architecture to get more practice on the problems. | Will be considered for next courses. |
| 2 | Students suggested to provide latest topics in Operating Systems. | For next Regulation 2022 the syllabus can be reframed. |
| Semester V | | |
| 1 | Students suggested to provide topics related to wireless networks in Data Communication and Computer Networks. | For next Regulation 2022 the syllabus can be reframed. |
| 2. | Suggested for Software Engineering , more case studies can be included . | |

| Semester VI | | |
|--------------|---|--|
| 1. | Students suggested for more Design pattern topics in Object Oriented Analysis and Design. | Syllabus may be reframed. |
| Semester VII | | |
| 1 | Suggested to include recent topics in High Speed Networks to avoid the repetition of topics from Computer Networks. | May be considered for syllabus revision. |

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HOD /IT

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KARPAGAM COLLEGE OF ENGINEERING

(Autonomous)

DEPARTMENT OF MCA

Consolidated Feedback Analysis and Action Taken Report

Academic Year: 2020 – 2021

| Type of Survey | Stakeholder | Major Grievances / Suggestions | Action Taken by Competent Authority | Implementation | Further Action |
|----------------------------|-------------|---|---|--|----------------|
| Employer Survey | Employer | <ul style="list-style-type: none"> • More focus on Logical Skills • Need to provide knowledge on Business Intelligence • Fundamental concepts to be improved | Fundamental concepts in programming provided. | Students were asked to complete NPTEL / online courses in Programming courses. | |
| Course Feedback by Faculty | Faculty | Few Laboratory exercises need to be given for theory courses (non – practical courses) | Discussed in Faculty meeting, few lab exercises can be given | Demo on Lab exercises are given. | |
| Exit survey | Students | Curriculum should include Data Visualization courses | Discussed in BoS meeting and to be implemented in Syllabus | Implemented in 2021 (R2020) | |
| Alumni Survey | Alumni | Industry Linkage should be developed | More industry seminars planned | Industry Seminars organised | |
| Parent Survey | Parent | Extra classes on communication skills | Discussed with placement department and communication skills classes arranged | Communication skills taken by English Faculty during placement hours. | |
| Course End Survey | Students | Need more practical classes | Discussed with Faculty and planned for Additional Practical classes | Practical classes arranged and conducted | |

