CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

(Affiliated to JNTU, Hyderabad and Approved by AICTE New Delhi)

File no. CMRCET/CSE/R22-II/BOS/2023 **Date:25.02.2023**

Minutes of Board of studies meeting of the Department of CSE held on 25th Feb 2023 at 5.30 PM in CMR College of Engineering & Technology.

The following members were present.

S. No	Name of the Member	Designation	Position	Signature
1.	Dr Siva Skandha Sanagala	Assoc. Professor & HOD, CSE CMRCET	Chairman	
2.	Dr.M.Chandra Mohan (University Nominee)	Professor of CSE & Director of Academic & Planning JNTUH	Member	25/2/2023
3.	Mr.E.Nagaraju (Industry representative nominated by Academic Council)	Sr. Project Manager (CISCO)	Member	25/2/2023
4.	Dr.Ch.Mallikarjuna Rao (Subject Expert nominated by Academic Council)	Professor of CSE Gokaraju Rangaraju Institute of Engineering and Technology, Hyd.	Member	25/02/23
5	Mr. Oscar Sachin (Alumni)	Senior Application Developer (Team Lead), DXC Technology	Member	
6.	Dr.V.A.Narayana	Professor of CSE & Principal CMRCET, Hyd.	Member	25/02/23
7.	Dr.K. Vijaya Kumar	Professor of CSE & Dean Academics, CMRCET, Hyd.	Member	25/2/2023
8.	Dr.K.L.S.Soujanya	Professor & HOD, IT CMRCET	Member	K.L.S 25/2/23
9.	Dr R Venkateswara Reddy	Assoc. Professor & HOD, CSC CMRCET	Member	25/2/23
10.	Mr.A.Vivekanand	Associate Professor CSE Department, CMRCET	Member	25/2/23
11.	Mr.B. Sivaiah	Associate Professor CSE Department, CMRCET	Member	

HOD-CSE

Agenda

1. Approval of R22- B.Tech (CSE) II-year courses and Syllabi.
2. Approval of Open Elective Courses and their syllabi offered by the CSE department for B.Tech programs
3. Approval of R22- M.Tech (CSE) I and II Year courses and Syllabi.
4. Approval for substitute and equivalence courses for the re-admitted students from R18 to R22.

PROCEEDINGS

Chairman welcomed all the members for the Board of Studies meeting for UG &PG programs of CSE department.

Item-1: Approval of R22- B.Tech(CSE) II-year courses and Syllabi.

Discussion:

- The committee reviewed the Course Structure & Syllabi of UG-B.Tech (CSE) program for III Semester & IV Semester

Deliberation:

- University member Dr.M.Chandra Mohan suggested to include latest editions of text books in all courses of the curriculum either in textbooks or in reference textbooks.
- Industry member Mr.E.Nagaraju recommended "Java the complete reference, 8th edition, Herbert schildt, TMH". as a textbook for the course titled "**OBJECT ORIENTED PROGRAMMING THROUGH JAVA**"
- Member Mr.A.Vivekanand suggested that the Syllabus for the course **Database Management Systems Laboratory** is too generic and need to be revised.

Amendments

- The latest editions of textbooks/reference books in the curriculum are incorporated.
- Database Management Systems Laboratory syllabus is revised.

Resolution:

- The above-mentioned amendments have been made.
- BOS members approved item 1.

Item-2: Approval of Open Elective Courses and their syllabi offered by the CSE department for B.Tech programs.

Discussion: The above item has been reviewed by the committee members.

Deliberation:

- Dr.M.Chandra Mohan suggested to add latest books in the course Business Intelligence.
- Invited member Dr.Ch.Mallikarjuna Rao suggested to revise the syllabus of Open Elective course LINUX Programming.
- Industry member Mr.E.Nagaraju suggested
    - To include HTML-5 and CSS concepts in Open Elective course Web Programming.
    - To revise syllabus of Cyber Security. Member reasoned that Syllabus of Cyber Security

is not suitable to offer the course in Open Elective mode.
- To revise the contents of Devops course is too extensive and may not be suitable to offer the course in Open Elective mode.

- Member Dr.K. Vijaya Kumar suggested to revise syllabus of Machine Learning & Data Analytics with R courses as they have overlapping contents with professional core courses and Minor Degree program courses offered by the department.

Amendments

- The latest editions of textbooks/reference books in the curriculum are incorporated.
- Linux Programming, Web Programming, Fundamentals of cybersecurity, Fundamentals of computer networks, Fundamentals of machine learning and Devops syllabus revised.

Resolution:

- The above-mentioned amendments have been made.
- BOS members approved item 2.

Item-3: Approval of R22- MTech (CSE) I and II Year Subjects and Syllabus.

Discussion: The above item has been reviewed by the committee members.

Deliberation: The committee members unanimously agreed to adopt R22-JNTUH-M. Tech (CSE) course structure and syllabi for R22-M.Tech(CSE) program offered by CMRCET.

Resolution: The above Item has been approved by BOS members.

Item-4: Approval for substitute and equivalence subjects for the re-admitted students from R18 to R22

Discussion: The above item has been reviewed by the committee members.

Deliberation:

- Member Dr K Vijaya Kumar suggested substitute and equivalence courses for the re-admitted students from R18 to R22 upto III semester.

Resolution: BOS Members approved item -2. The Committee members approved the substitute and equivalence courses for the re-admitted students from R18 to R22 in I,II and III semesters.

1. A student re admitted in II semester has to register for Additional course(s) to earn the credits as per R22 Regulations.

Credits upto II semester in R18	Credits from II to VIII semester in R22	Additional Credits Required	Total credits
19	140	1	160

Additional course(s) of the semester as per R22 Regulations

S.No	Course name	Credits
1	Elements of Computer Science & Engineering(A405501)	1

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	English(A30001)(2 Credits)	Basic Electrical Engineering(A402201) (2 Credits)
2	English Language and Communication Skills Lab(A30002)(1.5 Credits)	Basic Electrical Engineering Lab(A402502) (1 Credits)

2. A student re admitted from R18 to R22 in III semester

has to register for Additional course(s) to earn the credits as per R22 Regulations

Credits upto III semester in R18	Credits from III to VIII semester in R22	Additional Credits Required	Total credits
38	120	2	160

Additional course(s) of the semester as per R22 Regulations

S.No	Course name	Credits
1	Basic Electrical Engineering(A402201)	2

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	NIL	NIL

The chairman thanked all the members for giving their valuable suggestions.

1/4/23

Dr. S. Siva Skandha
HOD-CSE
(Chairman).

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File no. CMRCET/CSE/UG /R22/BOS-Meeting/2024 **Date: 25.01.2024**

Minutes of the Board of Studies meeting of III & IV Year UG program of CSE department held on 25/01/2024.
The following members were present.

S.No	Name of the Member	Designation	Position	Signature
1.	Dr Siva Skandha Sanagala	Assoc. Professor & HOD, CSE CMRCET	Chairman	
2.	Dr.M.Chandra Mohan (University Nominee)	Professor of CSE & Head of the Department JNTUH	Member	25/01/2024
3.	Mr.E.Nagaraju (Industry representative nominated by Academic Council)	Sr. Project Manager (CISCO)	Member	
4.	Dr.Ch.Mallikarjuna Rao (Subject Expert nominated by Academic Council)	Professor of CSE Gokaraju Rangaraju Institute of Engineering and Technology, Hyd.	Member	25/Jan/2024
5	Mr. Oscar Sachin (Alumni)	Senior Application Developer (Team Lead) DXC Technology	Member	
6.	Dr.V.A.Narayana	Professor of CSE & Principal CMRCET, Hyd.	Member	25/01/2024
7.	Dr. S. Kirubakaran	Professor of CSE, CMRCET, Hyd.	Member	25/01/2024
8.	Dr.K.L.S.Soujanya	Professor & HOD, IT CMRCET	Member	25/1/24
9.	Dr R Venkateswara Reddy	Assoc. Professor & HOD, CSC CMRCET	Member	
10.	Mr.A.Vivekanand	Associate Professor CSE Department, CMRCET	Member	25/01/2024
11.	Mr.B.Sivaiah	Associate Professor CSE Department, CMRCET	Member	25/01/24

Agenda

1. Review of last conducted BOS meeting held on 25/02/2023.
2. Review and approval of R22 B.Tech-CSE III & IV year courses and Syllabi.
3. Review and approval of R22B.Tech - CSE (HONORS) Course Structure and Syllabi.
4. Review and approval for Substitute and Equivalence subjects for the Readmitted students from R18 to R22 regulations from 4th sem to 8th sem.

PROCEEDINGS

Chairman welcomed all the members for the Board of Studies meeting for III & IV Year UG program of CSE department.

Item-1: Review of last conducted BOS meeting held on 25/02/2023.

Discussion:

- The committee reviewed the last conducted BOS meeting held on 25-02-23

Deliberation:

- University member Dr.M.Chandra Mohan reviewed agendas and minutes of meetings of BOS conducted on 25-02-23.
- Industry representative E.Nagaraju reviewed agendas and minutes of meetings of BOS conducted on 25-02-23.
- Subject Expert Dr.Ch.Mallikarjuna Rao reviewed agendas and minutes of meetings of BOS conducted on 25-02-23.

Resolution:

- BOS members approved item 1.

Item-2: Review and approval of R22 B.Tech-CSE III & IV year courses and Syllabi.

Discussion: The above item has been reviewed by the committee members.

Deliberation:

- Dr.M.Chandra Mohan suggested
  - To add latest books in all the subjects in professional core and professional electives.
  - To add advanced concepts in the syllabus (if needed)
  - To check for the spelling mistakes and grammatical corrections in the syllabus
  - To change the codes of professional elective offered by other departments
- Industry representative Mr E.Nagaraju suggested
  - to add software defined networks and virtualization concepts in computer networks syllabus.
  - to remove the 5th experiment in skill development lab (Node JS/React JS/DIJANGO) as it is repetitive.
  - Some of the advanced programs in DevOPS lab may be moved to additional lab experiments as it covers the dept of the syllabus may not be feasible to cover the syllabus during the prescribed time.

- Member Dr V A Narayana suggested.
    - to change the name of the course "cyber security" to "cyber security essentials" as it covers the fundamental concepts of cyber security.
    - To add "JAVA" for the experiments of cryptography and network security.
    - To change the codes of professional elective offered by other departments.

Amendments

- The latest editions of textbooks/reference books in the curriculum are incorporated.
- Computer networks syllabus was added with software defined networks and virtualization concepts.
- 5th experiment in skill development lab (Node JS/React JS/DIJANGO) was removed.
- Some of the programs are moved to additional programs in DevOPS

Resolution:

- The above-mentioned amendments have been made.
- BOS members approved item 2.

Item-3: Review and approval of R22B.Tech - CSE (HONORS) Course Structure and Syllabi.

Discussion: The above item has been reviewed by the committee members.

Deliberation:

- The committee members unanimously agreed to adopt R22-B. Tech (HONORS) course structure and syllabi offered by CMRCET.
- Member Mr. A Vivekanad suggested to remove the repetitive topic "plagiarism" in Research and Methodologies

Amendments

- Research methodologies subject syllabus was updated.

Resolution: The above Item has been approved by BOS members.

Item-4: Review and approval for Substitute and Equivalence subjects for the Readmitted students from R18 to R22 regulations from 4th sem to 8th sem.

Discussion: The above item has been reviewed by the committee members.

Deliberation:

- Member Dr V A Narayana suggested substitute and equivalence courses for the re-admitted students from R18 to R22 from 4th sem to 8th sem.

Resolution: BOS Members approved item -2. The Committee members approved the substitute and equivalence courses for the re-admitted students from R18 to R22 in IV, V, VI, VII, and VIII.

A. A student re admitted in IV semester has to register for Substitute course(s) for repeated courses of the semester in R22 Regulations.

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	Discrete Mathematics (A405306) 3 credits	Software Engineering (A405308) 3 credits
2	Computer Organization and Architecture (A405307) 3 credits	Python Programming Lab (A405506) 2 credits

3	Social Innovation in Practice (A400507) 1 credit	Electronics Devices and Circuits (A404203) 2 credits

B. A student re admitted from R18 to R22 in V semester

Since he is coming with 79 credits from R18 we are offering the following with 1 credit additional.

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	Design & Analysis of Algorithms (A405302) 4 credits	Python Programming Lab (A405506) 2 credits
		Operating System (A405305) 3 credits

C. A student re admitted from R18 to R22 in VI semester

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	Artificial Intelligence (A466301) 3 credits	Python Programming Lab (A405506) 2 credits
		Skill Development Course (Data Visualization – R Programming) (A405510) 1 credit

D. A student re admitted from R18 to R22 in VII semester.

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	Software Testing Methodology (STM) (PE-II) (A405406) 3 credits	Offered other than software testing methodology in PE-II
2	Software Process & Project Management (SPPM) (PE-II)(A405415) 3 credits	Other than SPPM in R22 in PE V 3 credits
3	Cyber Security (CS) (A462301) 0 credits	Offered other than cs in R22 in PE IV
4	Scripting Languages (SL) (A412306) 3 credits	Offered other than SL in R22 in PE III

E. A student re admitted from R18 to R22 in VII semester.

Substitute course(s) for repeated courses of the semester in R22 Regulations

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R18 Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses

1	Deep Learning (PE-IV) (A405425) 3 credits	Offered other than deep learning

The chairman thanked all the members for giving their valuable suggestions.

Dr. S. Siva Skandha
HOD-CSE
(Chairman).