File No. CMRCET/B.Tech-CSE (DS)/BOS/Meeting-4/2024 **Date: 27.01.2024**

Minutes of Board of Studies meeting of B.Tech CSE (Data Science) held on 27/01/2024. The following members were communicated.

S.No	Name of the Member	Designation	Position	Signature
1.	Dr. L.Chandra Sekhar Reddy	Associate Professor & HOD CSE(DS, AI & DS) Dept, CMRCET E.Mail : hodcse_ds@cmrcet.ac.in Ph.No: 9533019150	Chairman	
2.	Dr. T.Venu Gopal	Professor & Vice-Principal JNTUH-CEJ, Hyd. E.Mail : dr.tvgopal@jntuh.ac.in Ph.No: 9849170691	University Nominee.	
3.	Mr N. Raghuma Reddy	Associate Engineer JP Morgan E.Mail :nandyala.ragu@gmail.com Ph.No:9908421961	Subject Expert from Industry	
4.	Dr. K. Purna Chand	Professor & HOD(DS) BVRIT, Narsapur E.Mail: purnachand.k@bvrit.ac.in Ph.No:9705690202	Subject Expert from other Institution	
5.	Mr. Kandula Yella Swamy	Technical Lead Splash Businesses Intelligence Pvt. Ltd. E.Mail: yellaswamyphd2017@gmail.com Ph.No: 9396812548	Subject Expert & Alumni	
6.	Dr. K.L.S.Soujanya	Professor & HOD IT Dept CMRCET, Hyd. E.Mail: hodit@cmrcet.ac.in Ph. No: 9948143850	Member	
7.	Dr. S. Siva Skandha	Associate Professor, HOD CSE CMRCET, Hyd. E.Mail: hodcse@cmrcet.ac.in Ph. No: 9248727202	Member	
8.	Dr. P. Sruthi	Associate Professor, HOD AI & ML Dept, CMRCET, Hyd E.Mail :hodcse_aiml@cmrcet.ac.in Ph.No: 9177663393	Member	
9.	Mr. A Vivekanand	Associate Professor, CSE Dept, Hyd. E-Mail: avivekanand@cmrcet.ac.in Ph. No: 9441185746	Member	
10.	Mr. .M.Parameswar	Associate Professor Dept of CSE(DS),Hyd. E.Mail :mparameswar@cmrcet.ac.in Ph.No: 7382736788	Member	

HOD CSE (Data Science)

Minutes of the Fourth Board of Studies meeting of department of CSE (Data Science) held on 27/01/2024.

Agenda

1. Review of last conducted BOS meeting held on 20/02/2023.
2. Review and approval of R22 B.Tech-CSE(Data Science) III & IV year Courses and Syllabi.
3. Review and approval for Substitute and Equivalence subjects for the Readmitted students from R18 to R22 regulations from 4^{th} sem to 8^{th} sem.
4. Review and approval of revised R22 course structure and syllabi of the students admitted from the Academic year 2024-25 onwards.
5. Review and approval for Substitute and Equivalence subjects for the Readmitted students from R22-to-R22 Revised regulations due to change in the Course Structure.
6. Review and approval of R22 B.Tech-CSE(Data Science) Minor Degree Course Structure and Syllabi.

PROCEEDINGS

Chairman welcomed all the members for the Board of Studies meeting for UG program of CSE (Data Science) department.

Item-1: Review of last conducted BOS meeting held on 20/02/2023.

Discussion:

- The committee reviewed the last conducted BOS meeting held on 20-02-23.

Deliberation:

- University member Dr. T. Venu Gopal reviewed agendas and minutes of meetings of BOS conducted on 20-02-23.
- Industry representative Mr. N. Raghuma Reddy reviewed agendas and minutes of meetings of BOS conducted on 20-02-23.
- Subject Expert Dr. K. Purna Chand reviewed agendas and minutes of meetings of BOS conducted on 20-02-23.

Resolution:

- BOS members approved item 1.

Item-2: Review and Approval of R22- B.Tech CSE (Data Science) III & IV year Courses and Syllabi.

Discussion:

- The committee reviewed the Course Structure & Syllabus of UG-B.Tech CSE(Data Science) program for III & IV Years.

Deliberation:

- University Nominee Dr. T. Venu Gopal suggested to include latest editions of textbooks in all courses of the curriculum either in textbooks or in reference textbooks.

- University Nominee Dr. T. Venu Gopal suggested to modify Machine Learning Lab.

- Subject Expert from other institution Dr. K. Purna Chand suggested to elaborate Big Data Analytics Lab.

- University Nominee Dr. T. Venu Gopal suggested to move Natural Language Processing from Professional Elective to PCC into III-II instead of Web & Social Media Analytics. Instead of Web & Social Media Analytics lab replaced with Natural Language Processing lab.

- Member Mr. A. Vivekanand suggested to reduce Information Storage Management syllabus.

Amendments:

- The latest editions of textbooks/reference books in the curriculum are incorporated.
- Machine Learning lab Syllabus is revised.
- Big Data Analytics Lab syllabus is revised.
- Natural Language Processing subject and lab have been given as PCC instead of Professional Elective. Web & Social Media Analytics moved to Professional Elective.
- Information Storage Management syllabus is revised.

Resolution:

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

Item-3: 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 S. Siva Skandha 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 -3. 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.

1. 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	Algorithm Design and Analysis(A467301) 3 credits	Digital Electronics (A404204) 3 credits
2	Operating Systems (A405305) 3 credits	Object Oriented Programming through Java(A405303) 3 credits
3	Operating Systems Lab(A405509) 2 credits	Object Oriented Programming through Java Lab(A405507) 1.5 credits Skill Development (Data Visualization) (A405510) 1 credit

2. A student re admitted from R18 to R22 in V 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
	NIL	NIL

3. 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	Software Project Management (PE-I) (A467403) 3 credits	Offered other than software testing methodology in PE-II

4. 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 (PE-I) (A405406) 3 credits	Offered other than software testing methodology in PE-II

5. A student re admitted from R18 to R22 in VIII 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	Business Economics & Financial Analysis(A400102) 3 credits	Organizational Behavior(A400103) 2 credits
		Skill Development (Node JS

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

Item-4: Review and approval of revised R22 course structure and syllabi of the students admitted from the Academic year 2024-25 onwards.

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

Deliberation:

- The committee members unanimously agreed to adopt R22 course structure and syllabi for the students admitted for the Academic Year 2024-25.

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

Item-5: Review and approval for Substitute and Equivalence subjects for the Readmitted students from R22-to-R22 Revised regulations due to change in the Course Structure.

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

Deliberation:

- Member Dr S. Siva Skandha suggested substitute and equivalence courses for the re-admitted students from R22-to-R22 Revised regulations due to change in Course Structure.

Resolution: BOS Members approved item -5. The Committee members approved the substitute and equivalence courses for the re-admitted students from R22 to R22 Revised regulations in III, IV, V, VI, VII, and VIII.

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

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

S.No	Repeated course(s) of R22 with code (credits) if any studied by the student in R22 Revised Regulation	Recommended Substitute course(s) with code (credits) in place of Repeated Courses
1	Python Programming Laboratory(A40506) 2 credits	Skill Development (Data Visualization) (A405510) 1 credit
		Social Innovation in Practice(A400507) 1 credit

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

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

Item-6: Review and approval of R22 B.Tech-CSE(Data Science) Minor Degree 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 CSE (Data Science) Minor Degree course structure and syllabi offered by CMRCET.

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

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

Dr. L. Chandra Sekhar Reddy
HOD-CSE (Data Science)
(Chairman)