VASAVI COLLEGE OF ENGINEERING (Autonomous)
9-5-81, Ibrahimbagh, Hyderabad-500031, Telangana, India
(Sponsored by Vasavi Academy of Education)
ACCREDITED BY NAAC WITH 'A++' GRADE
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Dr. K. Ram Mohan Rao
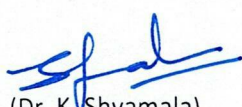*Professor & Head, Chairman, BoS*

Department of Information Technology
Phone: +91-40-23146050, 6051

Minutes of the XIV BoS Meeting conducted on 31-05-2025 from 10:30AM

The XIV BOS Meeting started with a formal welcome address by the BOS Chairman Dr. Ram Mohan Rao, Professor & Head, Department of Information Technology.

Members Present:

Dr. K. Ram Mohan Rao, Professor & Head, Department of Information Technology, Vasavi College of Engineering (A)	Chairman, BOS
Dr. K. Shyamala, Professor, Department of Computer Science, University College of Engineering, Osmania University, Hyderabad	University Nominee
Dr. Salman Abdul Moiz, Professor, School of Computer & Information Sciences, University of Hyderabad, Hyderabad	Subject Expert
Dr. Bheemarjuna Reddy Tamma Professor, Dept. of Computer Science & Engineering, IIT-Hyderabad, Hyderabad	Subject Expert
Dr. Raghavendra Kune, Scientist / Engineer 'SG', Head High Performance Computing Drones (HPCD), Advanced Data Processing Research Institute (ADRIN), ISRO, Secunderabad.	Expert from Research Organization
Mr Amit Kumar Gupta Sr. Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli, Hyderabad 500032, TS.	Subject Expert from Industry
Mr. Vijay Kumar Director, AT & T, Hyderabad	Alumnus
All Faculty members of the Department	Faculty Members

Members Absent:

Mr. Surya Kiran, Software Engineer-9 Teradata Corporation India Pvt Ltd . Hyderabad	Alumnus

The following points were discussed in the meeting.

1. The Action Taken Report on XIII BOS meeting has been reviewed and ratified.
2. The BOS Chairman presented Student Exit Feedback, Faculty Feedback on Curriculum and Minutes of Department Advisory Committee (DAC) held on 17th May 2025 regarding the R25 scheme.
3. The proposed R25 scheme and detailed syllabus considering the inputs from Student Exit Feedback, Faculty Feedback and the recommendations of DAC for B.E Regular as well as Honours programs have been presented.

(Dr. K. Shyamala) University Nominee	(Dr. Salman Abdul Moiz) Subject Expert from UoH	(Dr. Bheemarjuna Reddy Tamma) Subject Expert from IITH	(Dr. Raghavendra Kune) Subject Expert from Research Organization
(Mr. Amit Kumar Gupta) Expert from Industry	(Mr. Vijay Kumar) Alumnus	(Mr. Surya Kiran) Alumnus	(Dr. K. Ram Mohan Rao) Chairman, BOS

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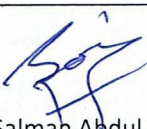|	
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Following are the Approvals / Recommendations by the Members of BOS for the proposals under R25:

Semester	Proposed	Approvals/Recommendations
I	• Introduction of the course Learning to Learn Course for 1 credit • Introduction of the course Skill Development Course-I (Technical Skills-I) [Problem Solving through Python] for 1 credit • Reduced Credits from 3 to 2 for the course Physics of Semiconductors and Quantum Mechanics.	• Members went through the syllabus of the Learning to Learn Course and approved for the course to be included. • Members approved inclusion of the course Skill Development Course(Technical Skills) after going through the syllabus. • Members approved the reduction of credits for the course "Physics of Semiconductors and Quantum Mechanics".
II	• Introduction of Skill Development Course-II (Technical Skills-II) [Problem Solving through C] for 1 credit • Digital Electronics & Logic Design to be moved from Semester III to Semester II • Reduction of credits from 3 to 2 for the following courses: ▪ Material Chemistry ▪ Basic Engineering Mechanics ▪ Basic Electronics • Environmental Science (MC) course to be moved from Semester II to Semester VI • Mathematics Lab Course to be removed as the contents are covered in AIML Course.	• Members approved inclusion of the course Skill Development Course(Technical Skills) after going through the syllabus. • Members approved moving the Digital Electronics and Logic Design to Semester II • Members approved the reduction of credits for the courses – Material Chemistry, Basic Engineering Mechanics and Basic Electronics • Members felt that course on Environmental Science was very relevant in the current days and approved for the course to be moved to Semester VI • Members were convinced with the removal of the Mathematics Lab course, as the contents were being covered in AIML and Python Programming Courses.
III	• Critical Thinking course to be introduced for 1 credit • Computer Organization course to be moved from Semester IV to Semester III • Credits are reduced from 1.5 to 1 in the following courses to ensure uniformity for all lab courses. ▪ Data Structures Lab ▪ OOP Lab • Mini project course (1 credit course) is removed.	• Members approved for introducing the Critical Thinking Course. • Members were convinced with moving the course "Computer Organization" from Semester IV to Semester II and approved the same. • Members approved the reduction of credits from 1.5 to 1 for the courses – Data Structures Lab and OOP Lab. • Members were convinced with introduction of course-based projects and approved the removal of Mini-project.

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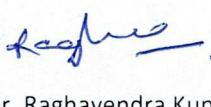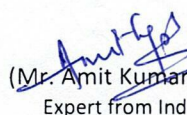**Department of Information Technology**
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Semester	Proposed	Approvals/Recommendations
IV	• Full Stack Development theory and Lab courses to be moved from Semester IV to Semester V. • Operating Systems theory and lab courses to be moved from Semester V to Semester IV to ensure proper sequencing.	• Members were convinced with moving Full Stack Development theory and lab courses from Semester IV to Semester V and approved the same. • Members approved moving the Operating Systems theory and lab courses from Semester V to Semester IV.
V	• Removal of the contents on 8085 and reduce the no. of credits from 3 to 2 for the course "Microprocessors & Interfacing". • Introduction of Design Thinking Course for 1 credit.	• Members also felt that the contents on 8085 were outdated and approved their removal, as well as reduction of the credits from 3 to 2. • Members approved the introduction of the course on Design Thinking.
VI	• Distributed Systems and Cloud Computing theory and lab courses to be moved from Semester VII to Semester VI.	• Members approved moving the theory and lab courses "Distributed Systems and Cloud Computing" from Semester VII to Semester VI.
VII	• Embedded Systems and IoT theory and lab course to be moved from Semester VI to Semester VII and credits to be increased from 3 to 4. • Economics and Finance for Engineers to be moved from Semester VI to Semester VII. • List of courses in PE-I and PE-II to be revised.	• Members approved the following: ▪ Moving the Embedded Systems and IoT course from Semester VI to Semester VII. ▪ Moving the course Economics and Finance for Engineers from Semester VI to Semester VII ▪ List of courses proposed under PE-I and PE-II.
VIII	• List of courses under PE-III and PE-IV to be revised.	• Members went through the syllabi and approved the list of courses proposed under PE-III and PE-IV.

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Following are the Approvals / Recommendations by the Members of BOS for the proposals under R24:

- Members approved for the inclusion of the course Critical Thinking in Semester III.
- Members approved the reduction of credits from 1.5 to 1 for the courses – Data Structures Lab and OOP Lab in Semester III.
- Members approved for the inclusion of the Design Thinking course in Semester V.
- Members felt that the contents on 8085 were outdated and approved their removal, as well as reduction of the credits from 3 to 2 in Semester V.
- Members approved moving the theory and lab courses of Distributing Systems and Cloud Computing from Semester VII to Semester VI.
- Members approved moving the theory and lab courses of Embedded Systems and IoT from Semester VI to Semester VII.
- Members approved the revised list courses to be offered as part of PE-I, PE-II, PE-III and PE-IV.

Following are the Approvals / Recommendations by the Members of BOS for the proposals under R23:

- Members approved for the inclusion of the course Design Thinking in Semester V in R23.
- Members felt that the contents on 8085 were outdated and approved their removal, as well as reduction of the credits from 3 to 2 in Semester V.
- Members approved moving the theory and lab courses of Distributing Systems and Cloud Computing from Semester VII to Semester VI.
- Members approved moving the theory and lab courses of Embedded Systems and IoT from Semester VI to Semester VII.
- Members approved the revised list courses to be offered as part of PE-I, PE-II, PE-III and PE-IV.

R22 Scheme

- Members felt that the scheme and Syllabus of VII and VIII of R22 was good and does not need any changes.

Other Inputs:

- Members suggested inclusion of the topic "Analysis of AI algorithms" as part of AI & ML course in Semester V.
- Members appreciated inclusion of the RC / AC classes. Members further suggested for formulating Course Outcomes for Slow Learners as well as Advanced Learners.
- Members approved replacing the "Unmanned Autonomous Systems" course with "Agentic AI" course in Semester VI of the Honors Programme. All members discussed in detail about the proposed contents "Agentic AI" course. Members suggested certain changes in the contents.
- Members suggested to include prescribed and reference text books for the courses Learning to Learn, Critical Thinking and Design Thinking in the syllabi.
- Members suggested for the inclusion of "Universal Acceptance" i.e., inclusion of multilingual content in terms of input, storage, processing and Output wherever relevant.
- Members suggested to include AI Security as a Professional Elective (PE).

The meeting concluded formally with vote of thanks.

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