



PRAGATI ENGINEERING COLLEGE

(Autonomous)

A/D B Road, Surampalem, F.G. Dist. A.P. - 533 437
(Approved by AICTE, Permanent Affiliation to JNTU, Kakinada. Accredited by NAAC with 'A' Grade)
(Recognized by U.G. Under Sections 2(f) and 12 (B) of UGC Act, 1956)
Ph: (0885) 252733-34 Website: www.pragati.ac.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 02-11-2021

CIRCULAR

All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 6th November 2021 for discussing the following agenda.

Agenda for the 5th Board of Studies Meeting:

1. Welcome Address by BOS-Chairman
2. Ratification of proposed B.Tech Second Year Course Structure & Syllabus of B.Tech (CSE) for R20 regulation.
3. Discussion on ratification of new courses introduced in R20 Regulation.
4. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
5. Finalization of text books and reference books.
6. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure IV).
7. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses for R20 regulation.
8. Any other item.
9. Vote of Thanks.

H. Lakshmi
HoD-Dept.

Copy to:

1. All members of BoS.
2. Department circular file.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 06-11-2021

Minutes of meeting of B. Tech Board of Studies (BoS) of Computer Science and Engineering conducted on 6th November 2021 for approval/ratification of R20 regulations.

Members Present:

1. Chairman-BoS

Dr. M. Radhika Mani
Professor & HOD,
Department of CSE,
Pragati Engineering College,
Surampalem. A. P.
India.

2. University Nominee

Dr. K. Sahadevaiah
Professor of CSE,
JNTUK, Kakinada. A. P.
India.

3. Subject Expert

Dr. D. V. L. N. Somayajulu
Professor of CSE,
NIT Warangal, Warangal. A. P.
India.

4. Subject Expert

Dr. M. V. Pandu Ranga Rao
Associate Professor of CSE,
IIT Hyderabad.
India

5. Industry Expert

Sri Praveen Kumar Y,
TCS-Hyderabad. India.

6. Alumni

Dr. V Srinivasa Naresh,
Professor of Computer Science and Engineering,
Sri Vasavi Engineering College,

7. Faculty members of CSE Department

- i. Dr. Y. Jaya Babu
- ii. Dr. Y. V. Ram Kumar
- iii. Dr. A. Radha Krishna
- iv. Dr. S. Suresh
- v. Dr. S. Sarada

Agenda:

1. Welcome Address by BOS-Chairman
2. Ratification of proposed B.Tech Second Year Course Structure & Syllabus of B.Tech (CSE) for R20 regulation.
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8. Any other item.
9. Vote of Thanks.

Suggestions:

The following suggestions given by the members of BoS.


- Include 1 or 2 experiments covering Multi way search trees or Digital Search Structures concepts in “Advanced Data Structures Laboratory” course.
- Include 1 or 2 experiments covering applications of Numpy in “Applications of Python- NumPy Laboratory” course.
- In “Formal Languages and Automata Theory” course–Reference book list, remove the following book.
 - Theory of Computation, V. Kulkarni, Oxford University Press, 2013
- In “Formal Languages and Automata Theory” course–Reference book list, include the following books.
 - Formal Language and Automata Theory, K. V. N. Sunitha, N. Kalyani, 2nd Edition, Pearson Education, 2015
 - An Introduction to Formal Languages and Automata, Peter Linz, 6th Edition, Jones & Bartlett Learning, 2017
- In “Java Programming” course, include the concepts of AWT and Swings in Unit-V.
- In “Java Programming” course, remove the following Textbook
 - JAVA one step ahead, Anitha Seth, B. L. Juneja, Oxford.
- In “Java Programming” course, add the following Textbook
 - Introduction to java programming, 7th edition by Y Daniel Liang, Pearson
- In “Java Programming laboratory” course, include one or two experiments in AWT,

- Swing and JDBC concepts.
- In "Web Application Development using Full Stack-Front end Development-II" course, include 1 or 2 experiments covering Node.js concept
- Combine the "Computer Networks" and "Compiler Design" Laboratory courses in to single laboratory course.
- Include "Machine Learning" course as Professional core course and Include "Machine Learning Laboratory" course as Professional core laboratory.
- Remove "AI Tools & Techniques" Theory and Laboratory courses.
- Include "Wireless Sensors and Adhoc Networks" course in Professional Elective.
- Replace the "Block Chain Technologies-Hyper ledger" Skill oriented course with the industry demanded course.
- The external experts suggested to add new courses in the curriculum by following the AICTE guidelines.
- BoS members suggested to introduce any of the Internship program in the curriculum.
- BoS members suggested to have only two text books and up to five reference books for all the courses.
- The external experts suggested identifying courses that would enhance the employability skills and also suggested to add few Skill Oriented courses for the students.

Resolutions:

The following resolutions have been made in the meeting

- The changes suggested were thoroughly discussed and the R20 regulation course structures of B. Tech (CSE) are finalized and approved.
- The syllabus for R20 regulation of B. Tech (CSE) course was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.
- The members ratified course objectives, course outcomes and CO-PO mapping for all the courses in the course structure.
- The members ratified 06 new courses for B. Tech (CSE) for R20 regulation.
- The proposed model papers for internal and external examination of both theory and laboratory courses for R20 regulation were discussed and ratified.
- MFCS, DBMS, DBMS Lab, OS & OS Lab Courses are ratified in IT Department BoS.
- Based on the ATR the suggestions given by the stakeholders are included
- The members decided to convey the same to Academic Council members for approval.
- As per suggestions from the previous BoS meeting, Honors and Minors courses included in the curriculum.


BoS-Chairman

