PRAGATI ENGINEERING COLLEGE
(Autonomous)

ADB Road Surampalem E G Dt A P 533 437
(Approved by AICTE Permanently Affiliated to JNTUK Kakinada Accredited by NAAC with 'A' Grade)
(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)
Ph 08852 252233, 34 Website www pragati ac in

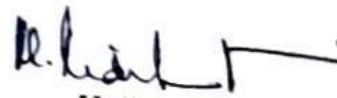## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
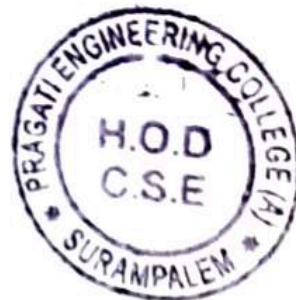
Date: 17-06-2022

CIRCULAR

All the members of Board of Studies (BoS) are hereby informed that there will be a meeting on 20th June 2022 for discussing the following agenda.

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

HoD-Dept.

Copy to:
1. All members of BoS.
2. Department circular file.

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Learning is Supreme Deity

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 20-06-2022

Minutes of meeting of B. Tech Board of Studies (BoS) of Computer Science and Engineering conducted on 20th June 2022 for approval/ratification of R20 regulation.

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.PanduRangaRao
   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,

Tadepalligudem, A. P.,
India

7. **Faculty members of CSE Department**
   i.   Dr. Y. Jaya Babu
   ii.   Dr. Y. V. Ram Kumar
   iii. Dr. S. Suresh
   iv.   Dr. S. Sarada
   v.   Dr. D. V. Manjula
   vi.   Dr. M. Uma Devi

Agenda:

1. Welcome Address by BOS-Chairman
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9. Any other item.
10. Vote of Thanks.

Suggestions:

The following suggestions given by the members of BoS.

- Discuss with Mechanical Engineering Board for possibility to change the Open Elective Course "Operations Research" to "Optimization Techniques".
- Discuss with the Electrical and Electronics Engineering Board for possibility to change the Open Elective Course "Fundamentals of Electric Vehicles" to any other Course required for Computer Science students.
- Discuss with the Humanities and Management Board for possibility to change the Open Elective Course "Organizational Behavior" to "Management Information System".
- Discuss with the Humanities and Management Board for possibility to change the Open Elective Course "Marketing Management" to any other Course required for Computer Science students.
- Update all the Textbooks and Reference Books with Volume and Edition details.
- Minimize the content of Unit-IV in "Computer Networks" syllabus.
- Include "P and NP problems" content in Unit-V of "Design and Analysis of Algorithms" syllabus.
- Include "Arun K. Pujari, Data Mining Techniques, Universities Press, 2001"

as Reference book for "Data warehousing and Data Mining" course syllabus.

- Include Laboratory course on "Human Computer Interaction" in next regulation course structure.
- Include "Flex and Bison" content in "Compiler Design" course.
- Include the following Reference books for "Compiler Design" course.
  - Jean-Paul Tremblay, P. G. Sorenson, Sorenson Gaul G, "Theory and Practice of Compiler Writing" McGraw-Hill, 1985."
  - Cooper, Keith D., Torezon, Linda, "Engineering a Compiler" Netherlands: Elsevier Science. 2011.
- Include the following Reference book for "Mobile Computing" course
  - Raj Kamal, "Mobile Computing" 3rd Edition, Oxford Universities Press, 2018.
- Provide the following textbook for "Cloud Computing"
  - Cloud Computing, Theory and Practice, Dan C Marinescu, MK Elsevier
- Include the following reference textbook for "Cloud Computing"
  - Distributed and Cloud Computing, Kai Hwang, Geoffry C. Fox, Jack Dongarra MK Elsevier.
- Minimize the content of Unit-II in "Ad-hoc and Sensor Networks" syllabus by mentioning only important routing algorithms.
- Include "Information Technology Act-ITA 2000" content in Unit-V of "Computer Forensics".
- Include the following Reference book for "Social Networks and Semantic Web course",
  - Robert W. Sebesta, "Programming The World Wide Web" Pearson, 2019.
- Include "Zigbee Technology" content in "Wireless Sensor Networks".

Resolutions:

The following resolutions have been made in the meeting

- Replace the title of the Course "Cyber Security & Forensics" to "Computer Forensics".
- The changes suggested were thoroughly discussed and the R20 regulation of III & IV year course structures of B. Tech (CSE) are finalized and approved.
- The syllabus for R20 regulation of III & IV year B. Tech (CSE) courses were 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 16 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.
- As per suggestions from the previous BoS meeting, Entrepreneurship course included in the curriculum.
- As per suggestions from the previous BoS meeting, Honors and Minors courses included in the curriculum.

- 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.

BoS-Chairman

H.O.D
C.S.E

PRAGATI ENGINEERING COLLEGE (A)
SURAMPALEM