



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)

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Ph: 08852 - 252233, 34. Website: www.pragati.ac.in

DEPARTMENT OF CIVIL ENGINEERING

16-06-2022

PEC/CE/Circular/R20-BOS/3

CIRCULAR

All the members of Board of Studies (BOS) are here by informed that there will be a meeting on 18-06-2022 for discussing the following agenda.

AGENDA:

1. Welcome Address by BoS-Chairman
2. Discussion on ratification of new courses.
3. Ratification of III and IV years of R20 course structure for B.Tech program.
4. Ratification of III and IV year syllabus of B.Tech R20 regulation.
5. Discussion on Ratification of Course objectives, course outcomes and CO-PO mapping.
6. Ratification of Open Electives being offered to the other Departments
7. Discussion on ATR as per suggestions given by stakeholders.
8. Vote of Thanks.

Copy to....

Dept. Notice Board.

The Director,

The Principal,

Circulate among Faculty.





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DEPARTMENT OF CIVIL ENGINEERING

Department of Civil Engineering

MINUTES OF MEETING - IIIrd BOS R20

Minutes of the meeting of the board of studies in Civil Engineering for the ratification of R20 III & IV Year (I & II Semester) Course structure and syllabus, held on 18th June 2022 in the Department of Civil Engineering.

MEMBERS PRESENT:

| S.No. | Recommended Composition | Name |
|-------|--|---|
| 1 | Head of the Department concerned (Chairman) | Sri Mr. A RAVITEJA, M.Tech . |
| 2 | The entire faculty of each specialization | All Faculty of the Department 1. Dr. K Saroja Rani 2. CH Vinay Chandra Sekhar 3. G Anjaneyulu 4. A.Kavya 5. K.Reshma |
| 3 | Two experts in the subject from outside the college to be nominated by the Academic Council. | Dr.S.Murthy D. Prof of CE, IIT Bombay Ph: 09869607604 Dr. Rama Seshu, Prof of CE, NIT Warangal Ph: 09490164794 |
| 4 | One experts to be nominated by the vice - chancellor from a panel of six recommended by the college principal. | Dr. P. Subba Rao, Prof of CE, JNTU Kakinada Ph: 7093925555 |

AGENDA:

1. Welcome Address by BoS-Chairman
2. Discussion on ratification of new courses.
3. Ratification of III and IV years of R20 course structure for B. Tech program.
4. Ratification of III and IV year syllabus of B.Tech R20 regulation.
5. Discussion on Ratification of Course objectives, course outcomes and CO-PO mapping.
6. Ratification of Open Electives being offered to the other Departments

7. Discussion on ATR as per suggestions given by stakeholders

8. Vote of Thanks



RESOLUTIONS:

Date: (18-06-2022)

1. The members ratified 31 number of new courses for regulation of R19.
2. The members ratified course objective, course outcomes and CO-PO mapping of all the course structure.
3. Resolved to ratify the proposed R-20 course structure and syllabi of following courses of third year and final year B. Tech (R-20 regulations along with course objectives and course outcomes.
4. Resolved to ratify the proposed syllabi of following courses of CE offered Open Electives for other departments (R-20 regulations) along with course objectives and course outcomes.
5. Resolved to ratify the textbooks, reference books and web resources as mentioned in the Points 3 and 4.
6. Design and detailing of reinforced concrete are suggested to change as design and drawing of reinforced concrete structures.
7. Design and detailing of steel structures is suggested to change as design and drawing of steel structures.
8. As per the BOS members suggestion, "**Ground Improvement Techniques**" the last part of the **Unit 4** is swapped in **Unit 2** of **Professional Elective-III**.
9. In accordance with the suggestion from BOS Members, III Year I semester Skill Oriented Course title is changed to "**Analysis of Structures by Computer Aided Design (ETABS)**" instead of "**ETABS**"

10. Based on the ATR suggestions given by the stake holders are included (Please refer Annexure-

III)


BOS Chairman
Mr. A. Ravi Teja
(HOD CE)


...



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DEPARTMENT OF CIVIL ENGINEERING

26-09-2021

PEC/CE/Circular/R20-BOS/2

CIRCULAR

All the members of Board of Studies (BOS) are here by informed that there will be a meeting on 02-10-2021 for discussing the following agenda.

Agenda:

1. Welcome Address by Chairman-BOS
2. Discussion on ratification of new courses.
3. Discussion on proposed R-20 Course Structure and ratification of II Year syllabus.
4. Discussion on Ratification of Course objectives, course outcomes and CO-PO mapping.
5. Discussion on ATR as per suggestions given by stakeholders.
6. Vote of thanks.

Sand
HOD-CE-HOD
PRAGATI ENGINEERING COLLEGE (M)
SURAMPALAM

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The Principal,
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DEPARTMENT OF CIVIL ENGINEERING

Minutes of meeting- IInd BOS R-20

Minutes of the meeting of the Board of Studies in **Civil Engineering** for the ratification of R20 II- year (I & II Semester) course structure and syllabus, held on **2nd October, 2021** in the Department of **Civil Engineering**.

Members Present:

| S. No | Recommended Composition | Name |
|-------|---|-----------------------------|
| 1 | Head of the Department concerned (Chairman) | Sri Mr. M. Sandeep |
| 2 | University Nominee | Dr. P. Subba Rao |
| 3 | External Nominee | Dr. D. Satyanarayana Murthy |
| 4 | External Nominee | Dr. D. Ramaseshu |
| 5 | Internal Academic Representative | Mr. V. Manideep |
| 6 | Internal Academic Representative | Mr. A. Raviteja |
| 7 | Internal Academic Representative | Mr. A Roger Antony |

Agenda:

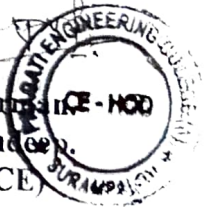
1. Welcome Address by Chairman-BOS
2. Discussion on ratification of new courses.
3. Discussion on proposed R-20 Course Structure and ratification of II Year syllabus.
4. Discussion on Ratification of Course objectives, course outcomes and CO-PO mapping.
5. Discussion on ATR as per suggestions given by stakeholders.
6. Vote of thanks.

RESOLUTIONS:

Date: (02-10-2021)

1. The members ratified 4 number of courses for regulation R20
2. The members ratified course objective, course outcomes and CO-PO mapping of all the course structure.
3. Topic on "determination of forces in trusses" was shifted from "Structural Analysis" to "Solid Mechanics" subject.
4. As discussed in I BOS – R20 meeting, "Construction Materials" and "Concrete Technology" subjects were combined as "Building Materials and Concrete Technology" subject and the same was approved by the nominees.
5. Topic of "Timber, Paints and finishing" were added to "Building Materials and Concrete Technology" subject.
6. In "Surveying" subject, "Curves" topic was shifted from Unit II to Unit IV.
7. "Total station" experiments were added to "Surveying field work-Laboratory".
8. Latest editions of text books for all subjects have been reviewed and updated.
9. Based on the ATR the suggestions given by the stakeholders are included (please refer Annexure-III)

Sand
BOS- Chairman
Mr. M. Sandeep
(HOD-CE)





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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 15-06-2022

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 18th June 2022 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech Third Year and Fourth Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R20 and ratification of the same.
3. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
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 the stake holder.
8. Any other item.



Copy to:

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 18-06-2022

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 18th June 2022 for approval/ratification of R19 & R20 regulations.

Members Present:

BOS-CHAIRMAN

Dr. B.S.V. Rama Rao
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

UNIVERSITY NOMINEE

Dr. M. Kumara Swamy
Associate Professor
University College Of Engineering, JNTUK
kmpalli@jntucek.ac.in
9908295810

EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
9556713217

Dr. E. Anil Kumar

Professor
Department Of Mechanical Engineering
IIT TIRUPATI
anil@iittp.ac.in
8772503405

INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Dr. R. Dharmalingam - Faculty Member
- Dr. G. Satish - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. M. Sunil Raj - Faculty Member
- Mr. G.V.N. Santhosh - Faculty Member

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech Third Year and Fourth Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R20
3. Ratification of B.Tech Third Year and Fourth Year courses syllabi of R20.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Discussion on ratification of new courses introduced in R20 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by the stake holder.
9. Any other item.

Proceedings:

- The meeting began at 10.00AM in the R&D Laboratory. The Chairman of the Board Dr. B.S.V. Rama Rao welcomed all the members for the meeting.
- With respect to point 2 of agenda, the following changes were suggested in B.Tech syllabi:
 - Proposed course structure of R20 regulation of Third Year and Fourth Year B.Tech is approved by the members of BoS without any modification.
- With respect to point 3 of agenda, the following changes were made:
 - It is suggested to add the concept of mass transfer in the course “Heat Transfer” in III year II sem and the concept of mass transfer is included.
 - It is suggested to add the concept of reverse engineering in the course “Additive Manufacturing” in IV year I sem and the concept of reverse engineering is included in the course Additive Manufacturing.
 - It is suggested to verify the syllabus of “Sustainable Energy Technologies” which comes open elective to other departments. In IV year I sem. The syllabus is verified and modified accordingly
- With respect to point 8 of agenda, the following changes were made:
 - The request received from the department of IT(Information Technology) to place the subject “Industrial Robotics” instead of “Sustainable Energy Technologies” under the category of OPEN ELECTIVE in IV year I sem which is offered by the Mechanical Engineering and the request is accepted by all; the bos members of the department of Mechanical Engineering.
 - The request received from the department of CSE and its allied branches i.e, CSE,CSE-DS,CSE-AI,CSE-AIML to place the subject “Optimization Techniques” instead of “Operational Research” under the category of OPEN ELECTIVE in III year I sem which is offered by the Mechanical Engineering and the request is accepted by all; the bos members of the department of Mechanical Engineering.

Resolutions:

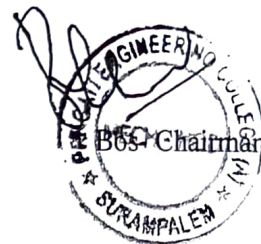
The following resolutions have been made in the meeting

- The Third Year and Fourth Year course structure of R20 regulations of B.Tech is approved without any modifications.
- The Third Year and Fourth Year syllabus for B.Tech of R20 regulations is accepted

without any modifications and was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.

- The proposed model papers for internal and external examination of both theory and laboratory courses were discussed and ratified.
- The members ratified 04 new courses for R20 regulation.
- It is resolved to have only two text books and up to five reference books for all the courses to the possible extent.
- Based on the ATR the suggestions given by the stake holders are included.
- The members decided to convey the same to Academic Council members for approval.

The meeting came to an end with vote of thanks.





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DEPARTMENT OF MECHANICAL ENGINEERING

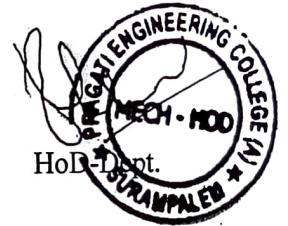
Date: 20-09-2021

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 24th September 2021 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech second Year and ratification of the same.
2. Discussion on proposed B.Tech second Year courses syllabi of R20.
3. Ratification of proposed B.Tech second Year courses syllabi of R20.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Discussion on ratification of new courses introduced in R20 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by the stake holder.
9. Any other item.



Copy to:

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24-09-2021

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 24th September 2021 for approval/ratification of R19 & R20 regulations.

Members Present:

BOS-CHAIRMAN

Dr. B.S.V. Rama Rao
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

UNIVERSITY NOMINEE

Dr. M. Kumara Swamy
Associate Professor
University College Of Engineering, JNTUK
kmpalli@jntucek.ac.in
9908295810

EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
9556713217

Dr. E. Anil Kumar
Professor
Department Of Mechanical Engineering
IIT TIRUPATI
anil@iittp.ac.in
8772503405

ALUMNI EXPERT

Sir P.V. Raviram
General Manager & Plant head,
GVK Power Plant, Samalkot
9866074676

INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Dr. R. Dharmalingam - Faculty Member
- Dr. G. Satish - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. M. Sunil Raj - Faculty Member
- Mr. G.V.N. Santhosh - Faculty Member
- Mrs. K. Aravinda - Faculty Member

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech second Year and ratification of the same.
2. Discussion on proposed B.Tech second Year courses syllabi of R20.
3. Ratification of proposed B.Tech second Year courses syllabi of R20.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Discussion on ratification of new courses introduced in R20 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by the stake holder.
9. Any other item.

Proceedings:

- The meeting began at 10.00AM in the R&D Laboratory. The Chairman of the Board Dr. B.S.V. Rama Rao welcomed all the members for the meeting.
- With respect to point 2 of agenda, the following changes were suggested in B.Tech syllabi:
 - Production Technology Theory and Lab shifted to II year- II sem.
 - MMS Theory and Lab shifted to II year- I sem in place of Production Technology Theory and Lab.
 - Kinematics of Machinery Theory and Thermal Engineering Lab shifted to II year- II sem.
 - Mechanics of Solid Theory and Lab shifted to II year- I sem in place of KOM and TE Lab.
 - Dynamics of Machinery in II year- II sem is replaced with Applied Thermodynamics (Extension of Thermodynamics of II year-I sem).
 - Dynamics of Machinery will be placed in III year- I sem.
- With respect to point 3 of agenda, the following changes were made:
 - The name of Applied Thermodynamics can be called as Thermodynamics and the following points to be considered.
 - Available energy or availability of exergy to be included.
 - Non-reactive gas mixtures and reactive gas mixtures can be included.
 - All thermal cycles to be included (Air standard cycle, Refrigeration cycle, etc...)
 - Metallurgy Lab experiment 8 and 9 to be verified.
- As per suggestions given in the previous Bos meeting new skill oriented labs has been introduced in R20 regulation.

Resolutions:

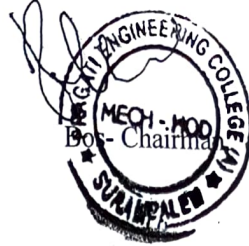
The following resolutions have been made in the meeting

- The Second year course structure of R20 regulations of B.Tech is approved without any modifications.
- The Second year syllabus for B.Tech of R20 regulations is accepted without any modifications and was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.
- The proposed model papers for internal and external examination of both theory and

laboratory courses were discussed and ratified.

- The members ratified 03 new courses for R20 regulation.
- It is resolved to have only two text books and up to five reference books for all the courses to the possible extent.
- Based on the ATR the suggestions given by the stake holders are included.
- The members decided to convey the same to Academic Council members for approval.

The meeting came to an end with vote of thanks.





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

06-06-2022

PEC/ECE/Circular/BoS/2021-20/22

CIRCULAR

All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 09-06-2022 for discussing the following agenda.

Agenda:

1. Welcome Address by BoS-Chairman.
2. Ratification of III&IV-year course structure and syllabi of R-20 regulation for B Tech program.
3. Ratification of interdepartmental courses offered by ECE department of R-20 regulation for III&IV-year.
4. Discussion of Ratification of new courses.
5. Discussion of Ratification of Course Objectives, Course Outcomes, and CO- PO mapping for each course.
6. Finalization of text books and reference books.
7. Any other item.

Sailaja V.

BoS Chairman

HOD-ECE
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1-376, ADB ROAD, SURAMPALAM
Near Peddapuram, E.C.D.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

09-06-2022

Minutes of the Meeting-Board of Studies

The 7th Board of Studies of meeting of ECE Department was held on 09-06-2022 to review and ratify Course structure of R20 Regulation and Syllabus of III and IV years through virtual Mode
The following are the resolutions taken during Session

Resolutions:

Considered Item no 2: It is resolved to ratify the course structure and syllabi of R-20 regulation B Tech III&IV-year courses with the following modifications

III & IV Year Courses:

1. Analog and Digital Communications :

- This course should have proper discussion on modulation and demodulation techniques in a general manner instead of separation of Analog and digital.
- SSB technique should be combined with AM techniques and arrange a separate chapter for Angle Modulation.
- In Angle modulation in unit –III give more emphasis on Capturing effect in demodulation of FM using PLL and reframe the syllabus in line with Shamshanmukam author.

2. For **Internships**, the members suggested that the student has to submit the report by video presentation to make the evaluation process as simpler.

3. In Skill oriented Course, rename the course ARM/ Aurdino based Programming as interactive programming /Interfacing with processors.

4. In **Digital Signal Processing** ,overlapping of frequency analysis of LTI systems with signals and systems

5. In **Optical Communication**, give more emphasis on optical detector, *transimpedance amplifier* (TIA) is a current to voltage converter (Trans –Z) amplifier.

6. Include FET amplifiers in **Optical Communication** Subject
7. Prescribe **Satellite Communication: Concepts and Applications** Second Edition by N.Raja Rao For Satellite Communication Subject
8. More exercise problem should be solved in **Skill oriented Courses**
9. In IoT theory Course ,include industrial IoT as a separate chapter

Considered Item no 3: It is resolved to ratify courses offered by ECE department to other branches of R-20 regulation III&IV years.

- Rename the title of **Principles of Communication** as **Principles of Communication Engineering**
- Prescribe Communication Systems, 2E - RP Singh, SD Sapre for **Principles of Communication Engineering** Subject
- Rename the title of **Transducers & Sensors** as **Sensors and Transducers** as per textbook title.
- In **Digital Signal Processing**, syllabus should be minimized in DFT, FFT with basic concepts only.
- In convolution topic also remove filtering method for convolution of long sequences .

Considered Item no 4: Refer to the Annexure III, New courses introduced in the R20 Course structure for III and IV years. Total 38 New courses were introduced and Syllabus is ratified

Considered Item no 5: Course objectives, Course outcomes and CO-PO mapping were reviewed and advised faculty members to verify the mapping again.

Considered Item no 6:

1. It is resolved to include 2 text books and 3 reference books for every course of III&IV Year- R-20 course structure and the subject title should map with text book title.

Suggestions:

1. Fundamentals should be strong and methodologies adopted should enhance the knowledge gained by students along with skills.
2. Every lab must be on design oriented and include simulation concepts in theory courses.

3. Emphasis should be given on Entrepreneurship and Business Management Courses in OPEN ELECTIVE.
4. Members suggested that Paper should be Framed internally for External Examinations which will benefit students as Syllabus is excess in some subjects.

Sailaja V.

BoS-Chairman

(Dr.V.Sailaja)

HOD-ECE

PRAGATI ENGINEERING COLLEGE

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**# 1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533437**



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Learning is Supreme Duty

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

21-09-2021

PEC/ECE/Circular/BoS/2021-22/1

CIRCULAR

All BoS members are requested to attend the Board of Studies Meeting of Electronics and Communication Engineering in the virtual mode on 28-09-2021 through Teams APP. The link will be shared through whatsapp.

Agenda:

1. Welcome Address by BoS-Chairman.
2. Discussion of Ratification of II-year course structure and syllabi of R-20 regulation for B Tech program.
3. Discussion of Ratification of new courses.
4. Discussion of Ratification of Course Objectives, Course Outcomes, and CO- PO mapping for each course.
5. Finalization of text books and reference books.
6. Discussion of Action Taken Report from stake holders.
7. Any other item.

Chairman-BoS

MON.FCB

PRAGATI ENGINEERING COLLEGE

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Learning is Supreme Deity

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

29-09-2021

The Department of Electronics and Communication Engineering 6th BoS meeting held on 28-09-2021. The following are the Resolutions and suggestion given by BoS experts.

Resolutions:

Considered Item no 2:

It is resolved to ratify the syllabi of R-20 regulation B Tech II-year courses with the following modifications II Year Courses:

1. Signals and Systems course should have proper discussion on System novelty and also include Causality and stability in UNIT-4
2. In Switching Theory and Logic Design most emphasis is to be given on tabular minimization
3. In Electronic Devices and Circuits Lab Cut-in reverse and forward voltage is to be calculated for both silicon and germanium diodes. Bi-filter is to be included in Laboratory experiments
4. In Switching Theory and Logic Design Lab, design oriented or indirect experiments must be provided to students
5. More exercise problem should be solved in Interactive Programming through MATLAB
6. Reduce the content of BJT in Electronic Circuit Analysis course
7. In Control Systems Course prerequisite for DC servo motors is Synchronous motor and their features. Include Text books/reference books which are having more exercise problems
8. Electronic Circuit Analysis Lab should have experiment on both hardware and software with design oriented approach.
9. Entrepreneur course is included as per the suggestions.

Considered Item no 3:

The syllabus for 4 new courses for II year in R20 Course structure is ratified

Considered Item no 4:

Course objectives, Course outcomes and CO-PO mapping were reviewed and advised faculty members to verify the mapping again.

Considered Item no 5:


1. It is resolved to include 2 text books and 3 reference books for every course of II Year R-20 course structure.

Considered Item no 6:

1. Action Taken Report on Curriculum feedback from stake holders for Academic year 2020-21 is presented for discussion
2. BoS Experts suggested based on feedback increase number of value added/certificate courses in Department.
3. NPTEL Courses on Employability to be encouraged

Suggestions:

1. Fundamentals should be strong and methodologies adopted should enhance the knowledge gained by students along with skills.
2. Every lab must be on design oriented and include simulation concepts in theory courses.
BoS-Chairman.
3. Experts suggested more focus should be on Skill Oriented and Employability courses.


BoS Chairman
HOD-ECE
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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.

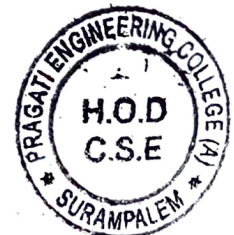
Agenda for the Board of Studies Meeting:

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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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,

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
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.

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, Geoffrey 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:

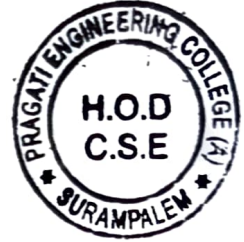
The following resolutions have been made in the meeting

- 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 A/R the suggestions given by the stakeholders are included
- The members decided to convey the same to Academic Council members for approval.



BoS-Chairman





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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.

Copy to:

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


HoD-Dept.





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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,
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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. 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.
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.

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.

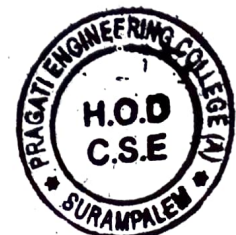
- In “Web Application Development using Full Stack–Front end Development–II” course, include 1 or 2 experiments covering Node.js concept
- Combine the “Computer Networks” and “Compiler Design” Laboratory courses in to single laboratory course.
- Include “Machine Learning” course as Professional core 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



- 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





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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 21-09-2021

CIRCULAR

All the faculty of Department of Information Technology are hereby informed that a meeting of the Board of studies of our department will be held on 25th Sept 2021. You are requested to attend the same. Following is the agenda.

AGENDA:

- Welcome address by Chairman – BOS
- Ratification of proposed Course Structure and syllabi of II B.Tech. R20 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Finalization of textbooks and reference books.
- Ratification of proposed model papers for internal and external examinations of both theory and laboratory courses.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.

Circulation among Faculty- Department of IT

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Minutes of the meeting of the Board of Studies in Information Technology held on 25th September 2021.

AGENDA:

- Welcome address by Chairman – BOS
- Ratification of proposed Course Structure and syllabi of II B.Tech. R20 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Finalization of textbooks and reference books.
- Ratification of proposed model papers for internal and external examinations of both theory and laboratory courses.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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RESOLUTIONS:

1. Considered item No.2-

Course Structure is designed for all semesters.

Syllabi is framed for the following courses till II B.Tech II Semester and ratified the same.

- The course code for the course Software Engineering in II B.Tech I Semester is to be provided by the Department of IT and the course code for the course Mathematical Foundations for Computer Science in II B.Tech I Semester is to be provided by the Department of CSE.
- Skill Oriented Courses I and II in II/I and II/II Semester namely Distributed Technologies – NoSQL, and MongoDB respectively are incorporated as NoSQL Databases, Skill Oriented Courses I in II/I.
- Free Open Source Software Laboratory in II B.Tech I Semester is substituted with R Programming Laboratory.
- Skill Oriented Courses II in II B.Tech II Semester namely MongoDB is substituted with Web Application Development using Full Stack – Frontend Development.
- For Database Management Course in II B.Tech I Semester,
 - a) ER Model concept from Unit-III is moved to Unit-I.
 - b) Indexing Techniques topics from Unit-V is moved to Unit-III.
- The following are the aspects to be considered for the evaluation of Skill Oriented courses –
 - a) Day to day assessment
 - b) Skill test
 - c) A single project to be assigned applying the concepts covered in Skill Oriented Course I and II.

2. Considered item No.3-

The Members ratified 03 new courses for II B.Tech.R20.

3. Considered item No.4-

The members ratified course objectives, course outcomes and CO-PO mappings of all the courses in the course structure.



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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 10-06-2022

CIRCULAR

All the faculty of Department of Information Technology are hereby informed that a meeting of the Board of studies of our department will be held on 15th June 2022. You are requested to attend the same. Following is the agenda.

AGENDA:

- Welcome address by Chairman – BOS
- Discussion on proposed B.Tech Second Year courses syllabus and ratification of the same of R16 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders (Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses for B.Tech Second, Third and Final year courses
- Finalization of text books and reference books.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
 1. Obtaining member's opinion on the proposed Vision, Mission, POs, PEOs and PSOs of the B.Tech (IT) programme.
 2. Obtaining inputs from the BOS members regarding the connectivity of various courses in the course structure.
- Vote of Thanks.

Circulation among Faculty- Department of IT

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Minutes of the meeting of the Board of Studies in Information Technology held on 15th June 2022.

AGENDA:

- Welcome address by Chairman – BOS
- Ratification of proposed Course Structure and syllabi of III,IV B.Tech. R20 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Finalization of textbooks and reference books.
- Ratification of proposed model papers for internal and external examinations of both theory and laboratory courses.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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RESOLUTIONS:

1. Considered item No.2-

Following suggestions are given regarding course structure of III,IV B.Tech. R20 regulation

- In III B.Tech I sem, laboratory course “Data Mining Techniques with python” title must be revise as “**Data Mining Techniques**”.
- In III B.Tech II sem, Professional elective II course “Mobile Computing” must be replaced with the course “**Wireless Sensor Networks**”.
- In IV B.Tech I sem, Professional elective II course “Advanced Databases” must be replaced with the course “**Human Computer Interaction**”.
- In IV/I Sem, Profesional Elective-V course “Ethical Hacking” to be substituted with “**Reinforcement Learning**”.
- Replace open elective-IV course in IV/I sem offered by Mechanical Engineering Department “Sustainable Energy Technologies” with “**Industrial Robotics**”.
- In IV/I Sem, the title of Skill Oriented course “Pyhton: Deep Learning” must be revised as “**Deep Learning using Python**”.

Following suggestions are given regarding syllabus of III,IV B.Tech. R20 regulation

- In III/I Sem, Professional Elective-I course “**Agile Software Process**”, contents in Unit-IV must be eliminated and contents in Unit-V must be shifted to Unit-IV and more detailed concepts on Scrum must be included in Unit-V

2. Considered item No.3-

The Members ratified 29 new courses for III,IV B.Tech. R20.

3. Considered item No.4-

The members ratified course objectives, course outcomes and CO-PO mappings of all the courses in the course structure

4. Considered item No.5-

Based on the ATR, The suggestions given by the stakeholders are included.

5. Considered item No.6-

Recommended the text books and reference books for II year courses.

6. Considered item No.7-

Model papers for internal and external examinations of both theory and laboratory courses are reviewedand ratified.



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7. Considered item No.8-

Reviewed the list of Value Added Courses and ratified the same.

8. Considered item No.9-

Entrepreneurship courses, Skill oriented and Employability courses included as per the previous BOS meeting suggestions.





PRAGATI ENGINEERING COLLEGE

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ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

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DEPARTMENT OF CIVIL ENGINEERING

28-01-2019

PEC/CE/Circular/R19-BOS/2

CIRCULAR

All the members of Board of Studies (BOS) are here by informed that there will be a meeting on 03-02-2019 for discussing the following agenda.

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on Ratification of new courses.
3. Discussion on proposed R-19 Course Structure and ratification of IIIrd and IVth year syllabus.
4. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
5. Discussion on proposed B.Tech IIIrd & IVth Year course syllabi and ratification of the same
6. Discussion on ATR as per suggestions given by stakeholders.
7. Vote of thanks.

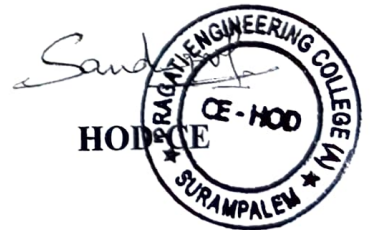
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DEPARTMENT OF CIVIL ENGINEERING

Minutes of meeting- IInd BOS R-19

Minutes of the meeting of the Board of Studies in **Civil Engineering** held on **3rd February, 2021** in the Department of **Civil Engineering**.

Members Present:

| S. No | Recommended Composition | Name | Signature |
|-------|---|-----------------------------|------------|
| 1 | Head of the Department concerned (Chairman) | Sri Mr. M. Sandeep | |
| 2 | University Nominee | Dr. P. Subba Rao | |
| 3 | External Nominee | Dr. D. Satyanarayana Murthy | - online - |
| 4 | External Nominee | Dr. D. Rama Seshu | - online - |
| 5 | Internal Academic Representative | Mr. V. Manideep | |
| 6 | Internal Academic Representative | Mr. A. Raviteja | |
| 7 | Internal Academic Representative | Mr. A Roger Antony | |

Agenda:

1. Welcome Address by Chairman-BOS
2. Discussion on Ratification of new courses.
3. Discussion on proposed R-19 Course Structure and ratification of IIIrd and IVth year syllabus.
4. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
5. Discussion on proposed B.Tech IIIrd & IVth Year course syllabi and ratification of the same
6. Discussion on ATR as per suggestions given by stakeholders.
7. Vote of thanks.



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DEPARTMENT OF CIVIL ENGINEERING

PEC/CE/Circular/R20-BOS/1

26-12-2020

CIRCULAR

All the members of Board of Studies (BOS) are here by informed that there will be a meeting on 01-01-2021 for discussing the following agenda.

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on ratification of new courses
3. Discussion on proposed R-20 Course Structure and ratify the Ist year Semester I&II course structure.
4. Discussion on proposed B.Tech First Year course syllabi and ratification of the same.
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.
8. Any other item.

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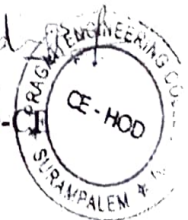
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DEPARTMENT OF CIVIL ENGINEERING

Minutes of meeting-1" BOS R-20

Minutes of the meeting of the Board of Studies in Civil Engineering held on 1st January, 2021 in the Department of Civil Engineering.

Members Present:

| S.NO | Recommended Composition | Name |
|------|---|---|
| 1 | Head of the Department concerned (Chairman) | Mr. M. Sandeep, M.Tech (PhD) |
| 2 | The entire faculty of each specialization | All Faculty of the Department |
| 3 | Two experts in the subject from outside the college to be nominated by the academic Council | 1. Dr. S. Murthy D. Prof of CE, IIT Bombay Ph: 09869607604 2. Dr. Rama Seshu, Prof of CE, NIT Warangal Ph: 09490164794 |
| 4 | One expert to be nominated by the vice-chancellor from a panel of six recommended by the college principal. | Dr. P. Subba Rao, Prof of CE, JNTU Kakinada Ph: 7093925555 |
| 5 | One representative from industry corporate sector allied area relating to placement. | ----- |
| 6 | One postgraduate meritorious alumnus to be nominated by the principal. | ----- |

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on ratification of new courses
3. Discussion on proposed R-20 Course Structure and ratify the 1st year Semester I&II course structure.

4. Discussion on proposed B Tech First Year course syllabi and ratification of the same
5. Discussion on ratification of course objectives, course outcomes and C O PO mapping
6. Finalisation of text books and reference books
7. Discussion on ATR as per suggestions given by stakeholders
8. Any other item.

RESOLUTIONS:

Date: (23-01-2021)

1. The Members ratified course objective, course outcomes and CO-PO mapping of all the course structure
2. Integrated Course of Engineering Geology theory and lab is Replaced with Basic of Electrical and Electronics Engineering theory and lab in Ist year I sem as Engineering geology is too early for the students.
3. Building planning and computer aided laboratory should be combined with Building planning and drawing laboratory in II year-II Sem instead of I year – I sem.
4. Civil Engineering workshop has to be included instead of building planning and computer aided laboratory
5. Name of Strength of Materials – I subject has to be changed as Strength of materials
6. Name of Strength of Materials – II subject has to be changed as Solid mechanics
7. Based on the ATR the suggestions given by the stakeholders are included (please refer Annexure-III)

SUGGESTIONS:

1. Modification in evaluation pattern for Laboratory if possible.
2. Communicate to BOS members after confirming with JNTU regarding change in evaluation pattern for laboratory, if any.
3. Mechanics of Joints topic should be included with Engineering Mechanics
4. Suggestion was given to make MOU's with industries regarding student internships.
5. Suggested to keep an official letter to the government from college that Industries have to invite the students for Internships.
6. CAD has to be included with Engineering Drawing laboratory.
7. Construction material testing experiments can be included with SOM – I laboratory

Note:

In the BOS of R-20 Ist meeting, course structure of I year Ist Sem and IInd Sem is ratified and further discussions and suggestions given for II-I, II-II, III-I, III-II, IV-I, IV-II will be done in up-coming BOS Meetings

Sandip
BOS- Chairman
Mr. M. Sandeep
(HOD)





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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 18-01-2021

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 20th January 2021 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech First Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R19 regulations & B.Tech First Year courses syllabi of R20 regulations and ratification of the same.
3. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Finalization of text books and reference books.
6. Discussion on ratification of new courses introduced in R19 Regulation.
7. Discussion on ATR as per suggestions given by stake holders.
8. Any other item.



Copy to:

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 20-01-2021

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 20th January 2021 for approval/ratification of R19 & R20 regulations.

Members Present:

BOS-CHAIRMAN

Dr. B.S.V. Rama Rao
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

UNIVERSITY NOMINEE

Dr. M. Kumara Swamy
Associate Professor
University College Of Engineering, JNTUK
kmpalli@jntucek.ac.in
9908295810

EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
9556713217

Dr. E. Anil Kumar
Professor
Department Of Mechanical Engineering
IIT TIRUPATI
anil@iittp.ac.in
8772503405

INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Dr. R. Dharmalingam - Faculty Member
- Dr. G. Satish - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. M. Sunil Raj - Faculty Member
- Mr. G.V.N. Santhosh - Faculty Member
- Mrs. K. Aravinda - Faculty Member

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech First Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R19 regulations & B.Tech First Year courses syllabi of R20 regulations and ratification of the same.
3. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Finalization of text books and reference books.
6. Discussion on ratification of new courses introduced in R19 Regulation.
7. Discussion on ATR as per suggestions given by stake holders.
8. Any other item.

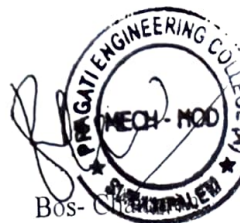
Proceedings:

- The meeting began at 10.00AM in the R&D Laboratory. The Chairman of the Board Dr.B.S.V. Rama Rao welcomed all the members for the meeting.
- With respect to point 2 of agenda, the following changes were suggested in B.Tech syllabi:
 - Suggested to verify the pre-requisite for Automation in Manufacturing course.
 - Suggested to include the topics 'Metrology of surfaces and Advances in metrology' in Metrology course.
- With respect to point 3 in agenda the experts ratified the Course Objectives, Course Outcomes and CO-PO mapping for all the courses in the course structure.
- With respect to point 4 in agenda, the experts suggested to include "Turbines, Compressors and Fans by S.M. Yahya- McGraw Hill Publications' textbook for IC Engines and Turbo Machinery course.
- Experts suggested more focus should be on skill oriented and employability courses should be included

Resolutions:

The following resolutions have been made in the meeting

- The first year course structure of R20 regulations of B.Tech is approved without any modifications.
 - The first year syllabus for B.Tech of R20 regulations is accepted without any modifications and the third and fourth year syllabus of R19 regulations of B.Tech was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.
 - The proposed model papers for internal and external examination of both theory and laboratory courses were discussed and ratified.
 - It is resolved to have only two text books and up to five reference books for all the courses to the possible extent.
 - The members ratified 03 new courses for R20 regulation.
 - Based on the ATR the suggestions given by the stake holders are included.
 - The members decided to convey the same to Academic Council members for approval.
- The meeting came to an end with vote of thanks.





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

18-01-2021

PEC/ECE/Circular/BoS/2019-20/1

CIRCULAR

All the members of Board of Studies (BoS) are hereby informed that there will be a meeting on 21-01-2021 for discussing the following agenda.

Agenda:

1. Welcome Address by BoS-Chairman.
2. Ratification of III- and IV-years syllabus of R19 regulation for B Tech program.
3. Ratification of I year R-20 regulation course structure and syllabus for B Tech Program.
4. Discussion of ratification of new courses syllabi.
5. Discussion of ratification of course objectives, course outcomes, and CO-PO mapping
6. Ratification of the proposed model papers for internal and external examinations of theory courses.
7. Finalization of text books and reference books.
8. Discussion of action taken report as per suggestions given by stake holders.
9. Any other item


BoS Chairman
HOD-ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

22-01-2021

The Department of Electronics and Communication Engineering 5th BoS meeting held on 21-01-2021. The following are the Resolutions and suggestion given by BoS experts.

RESOLUTIONS:

Considered Item no 2:

It is resolved to ratify the syllabi of R-19 regulation B Tech III and IV-year courses with the following modifications

III Year Courses:

1. Syllabus of Digital communications course and Information theory and coding course should be different. Remove all coding techniques from Digital Communications and add in Information theory and coding.
2. PLL applications and ADC converter experiments should be included in experiments list in Integrated Circuits laboratory course .
3. IoT related experiment should be included, PART B and PART C should be compulsory experiments in Microprocessors and Microcontrollers laboratory course.
4. Introduction to Computational tools concept should be included in Microwave Engineering course.
5. All the experiments in Microwave Engineering laboratory should be based on design and evaluation mechanism.
6. Rest of the courses are ratified as suggested by DC and PAC.

IV Year Courses:

1. Voice over data communication, network security and cryptography concepts should be included in Data Communications & Computer Networks course.
2. Video Processing protocols concept should be included in Digital Image Processing Course .
3. Signal transmission in transducers and Sensor networks concepts should be included in Electronic Measurements and Instrumentation course.
4. High Speed Devices threats concepts should be included in CPLD and FPGA Architecture course.

5. TinyOS, Actuator concepts, Energy protocols should be included in Wireless Sensors and Actuator Networks course.
6. Thermocouple experiment should be included in Electronic Measurements and Instrumentation Laboratory course.
7. Rests of the courses are ratified as suggested by DC and PAC.

Courses Offered to other branches/Open electives:

1. Minor modifications are suggested in the courses Linear and Digital IC Applications Laboratory, RFID Sensors and Data Acquisition.
2. Rest of the courses are ratified as suggested by DC and PAC.

Considered Item no 3:

1. It is resolved to ratify the year R-20 regulation course structure and syllabus for B-Tech Program without any modifications.

Considered Item no 4:

1. Total 26 new Courses were introduced in R19 Course structure of III and IV Year and their syllabus is ratified.
2. The number new courses introduced in R20 Course structure are 44 courses

Considered Item no 5:

1. Course objectives, Course outcomes and CO-PO mapping were reviewed and advised faculty members to verify the mapping again,

Considered Item no 6:

1. It is resolved to ratify the proposed internal and external examination question papers for R-20 regulation courses.
2. It is also suggested to identify examiners from reputed institutions like IITs, NITS, Reputed Universities and ratified faculty from Autonomous college (Preferably Doctorates) for Paper Valuation for end semester examination

Considered Item no 7:

1. It is resolved to include 2 text books and 3 reference books for every course of III and IV year in R-19 course structure.

Considered Item no 8:

1. BoS Chairman presented Action Taken report (ATR) on Curriculum feedback for Academic Year 2019-20 for discussion.
2. Based on the ATR , BoS Experts Suggested to incorporate Internship course, Skill oriented courses, entrepreneurship course as mandatory in R20 Course structure

Suggestions:

1. Fundamentals should be strong and methodologies adopted should enrich the knowledge of students.
2. Software Defined Radio should be procured for doing communication projects.
3. Every student alone should design and construct a mini project covering advanced topics.
4. Every lab must be on design oriented.



BoS Chairman
(Dr.D.Nagesh)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 17-01-2021

CIRCULAR

All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 20th January 2021 for discussing the following agenda.

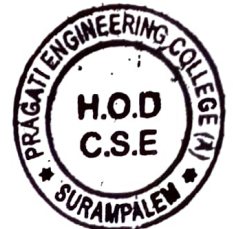
Agenda for the 5th Board of Studies Meeting:

1. Welcome Address by BOS-Chairman
2. Ratification of III and IV year syllabus of R19 regulation for B. Tech (CSE) program.
3. Ratification of proposed B. Tech First Year Course Structure of B. Tech (CSE), B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B. Tech (CSE with Specialization of Artificial Intelligence) and B. Tech (CSE with Specialization of Data Science) R20 regulation.
4. Ratification of I year syllabus of B. Tech (CSE), B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B. Tech (CSE with Specialization of Artificial Intelligence) and B. Tech (CSE with Specialization of Data Science) R20 regulation.
5. Discussion on ratification of new courses introduced in R19 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
7. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses for R20 regulation.
8. Ratification of the platforms for MOOCs courses and Industry approved courses for R19 regulation.
9. Ratification of Honors & Minors course for R20 regulation.
10. Finalization of text books and reference books.
11. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure-IV).
12. Any other item.
13. Vote of Thanks.

Copy to:

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


HoD-Dept.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 20-01-2021

Minutes of meeting of B. Tech Board of Studies (BoS) of Computer Science and Engineering conducted on 20th January 2021 for approval/ratification of R19 & 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. D. Haritha
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. Industry Expert

Sri Praveen Kumar Y,
TCS-Hyderabad. India.

5. Alumni

Dr. V Srinivasa Naresh,
Professor of Computer Science and Engineering,
Sri Vasavi Engineering College,
Tadepalligudem, A. P.,
India.

6. Faculty members of CSE Department

- i. Dr. Y. Jaya Babu
- ii. Dr. A. Radha Krishna
- iii. Mrs. S Rao Chintalapudi
- iv. Mr. M. V. Rajesh
- v. Mrs. G. Kumari
- vi. Mr. T. Soma Sekhar
- vii. Mrs. K. L. Viveka

Agenda:

1. Welcome Address by BOS-Chairman
2. Ratification of III and IV year syllabus of R19 regulation for B.Tech (CSE) program.
3. Ratification of proposed B. Tech First Year Course Structure of B. Tech (CSE), B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B. Tech (CSE with Specialization of Artificial Intelligence) and B. Tech (CSE with Specialization of Data Science) R20 regulation.
4. Ratification of I year syllabus of B. Tech (CSE), B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B. Tech (CSE with Specialization of Artificial Intelligence) and B. Tech (CSE with Specialization of Data Science) R20 regulation.
5. Discussion on ratification of new courses introduced in R19 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
7. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses for R20 regulation.
8. Ratification of the platforms for MOOCs courses and Industry approved courses for R19 regulation.
9. Ratification of Honors & Minors course for R20 regulation.
10. Finalization of text books and reference books.
11. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure IV).
12. Any other item.
13. Vote of Thanks.

Suggestions:

The following suggestions given by the members of BoS.

- The external experts suggested to add new courses in the curriculum by following the AICTE guidelines.
- BoS members recommended the Head of the Department to conduct a Brainstorming session to bring the awareness among the faculty regarding the PEOs and PSOs for B. Tech AI&ML, AI and Data Science programs.
- BoS members suggested to have only two text books and up to five reference books for all the courses.
- BoS members suggested the model question papers for R20 regulation.
- The external experts suggested identifying courses that would enhance the employability skills and also suggested to add few Skill Oriented courses for the

students.

- As per NEP-2020 policy, Entrepreneurship course should be included in the curriculum.

Resolutions:

The following resolutions have been made in the meeting

- The following changes were suggested in B.Tech syllabus:
 - Replace few topics in ADSA Subject in III-I R19 Syllabus.
 - Include the year of publication for all the concerned subjects.
- The changes suggested were thoroughly discussed and the R20 regulation course structures of B.Tech (CSE), B.Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B.Tech (CSE with Specialization of Artificial Intelligence) and B.Tech (CSE with Specialization of Data Science) are finalized and approved.
- The syllabus for R19 regulation of B. Tech (CSE), R20 regulation of B. Tech (CSE), B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning), B. Tech (CSE with Specialization of Artificial Intelligence) and B. Tech (CSE with Specialization of Data Science) 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 06 new courses for B. Tech (CSE) for R19 regulation, 18 new courses for B. Tech (CSE with Specialization of Artificial Intelligence and Machine Learning) for R20 regulation, 18 new courses for B. Tech (CSE with Specialization of Artificial Intelligence) for R20 regulation and 18 new courses for B. Tech (CSE with Specialization of Data Science) for R20 regulation.
- The proposed model papers for internal and external examination of both theory and laboratory courses for R19 regulation were discussed and ratified.
- BoS members ratified the platforms for MOOCs courses and Industry approved courses for R19 regulation.
- 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





PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 18-01-2021

CIRCULAR

All the faculty of Department of Information Technology are hereby informed that a meeting of the Board of studies of our department will be held on 20th Jan 2021.

You are requested to attend the same. Following is the agenda.

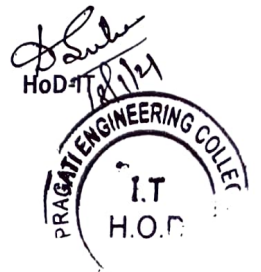
AGENDA:

- Welcome address by Chairman – BOS
- Ratification of III and IV years syllabus of R19 regulation for B.Tech program. regulation (Refer Annexure I)
- Ratification of Tentative Course Structure of I B.Tech R20 regulation.
- Ratification of I year syllabus of B.Tech R20 regulation. regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
- Finalization of textbooks and reference books.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.

Circulation among Faculty- Department of IT

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Learning is Supreme Duty

PRAGATI ENGINEERING COLLEGE

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Minutes of the meeting of the Board of Studies in Information Technology held on 20th January 2021.

AGENDA:

- Welcome address by Chairman – BOS
- Ratification of III and IV years syllabus of R19 regulation for B.Tech program. regulation (Refer Annexure I)
- Ratification of Tentative Course Structure of I B.Tech R20 regulation.
- Ratification of I year syllabus of B.Tech R20 regulation. regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
- Finalization of textbooks and reference books.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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RESOLUTIONS:

1. Considered item No.2-

Syllabi is framed for the following courses for III and IV B.Tech and ratified the same.

1. Software Testing
2. DevOps Laboratory
3. Cryptography and Network Security
4. Cryptography and Network Security Laboratory
5. Agile Methodologies
6. Big Data Technologies
7. Big Data Technologies Laboratory
8. Machine Learning
9. Blockchain Technology
10. High Performance Computing
11. SOA and Microservices
12. Medical Image Processing

2. Considered item No.3-

Reviewed course structure of I year R20 and ratified the same.

3. Considered item No.4-

Syllabi is framed for the following courses for I B.Tech R20 and ratified the same.

1. Data Structures
2. Data Structures Laboratory
3. Computer Engineering Workshop

4. Considered item No.5-

The Members ratified 08 new courses for R19, 01 new course for I B.Tech. R20

5. Considered item No. 6-

The members ratified course objectives, course outcomes and CO-PO mappings of all the courses in the course structure.



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6. Considered item No.7-

Based on the ATR, The suggestions given by the stakeholders are included.

7. Considered item No.8-

Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.

8. Considered item No.9-

Recommended the text books and reference books for III and IV year courses.

9. Considered item No.10-

Reviewed the list of Value Added Courses and ratified the same.

10. Considered item No.11-

Members suggested that more focus should be on skill oriented and employability courses. As per NEP-2020, entrepreneurship courses should be add in curriculum.





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DEPARTMENT OF CIVIL ENGINEERING

27-07-2019


PEC/CE/Circular/R19-BOS/1

CIRCULAR

All the members of Board of Studies (BOS) are hereby informed that there will be a meeting on 03-08-2019 and 04-08-2019 for discussing the following agenda.

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on Ratification of new courses.
3. Discussion on proposed R-19 Course Structure and ratify the final course structure.
4. Discussion on proposed B.Tech 1st and 2nd Year course syllabi and ratification of the same.
5. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
6. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
7. Finalization of names of reputed institutions for setting question paper and valuation of answer scripts.
8. Finalization of text books and reference books.
9. Discussion on ATR as per suggestion given by stakeholders.
10. Any other item.

Sandhya
HOD-C


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Dept. Notice Board.

The Director,

The principal,

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DEPARTMENT OF CIVIL ENGINEERING

Minutes of meeting-1st BOS R-19

Minutes of the meeting of the Board of Studies in **Civil Engineering** held on **3rd & 4th August, 2019** in the Department of **Civil Engineering**.

Members Present:

| S. No | Recommended Composition | Name |
|-------|---|------------------------|
| 1 | Head of the Department concerned (Chairman) | Dr. R V S Rama Krishna |
| 2 | University Nominee | Dr. M Swaroopa Rani |
| 3 | External Nominee | Dr. D. S. Murty |
| 4 | External Nominee | Dr. D. Rama Seshu |
| 5 | Internal Academic Representative | Mr. P.V Muthyalu |
| 6 | Internal Academic Representative | Mr. B. S. Ramji |
| 7 | Internal Academic Representative | Mrs. M Sri Lakshmi |
| 8 | Internal Academic Representative | Mr. G S V Brahamji |

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on Ratification of new courses.
3. Discussion on proposed R-19 Course Structure and ratify the final course structure.
4. Discussion on proposed B.Tech 1st and 2nd Year course syllabi and ratification of the same.
5. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
6. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
7. Finalization of names of reputed institutions for setting question paper and valuation of answer scripts.

8. Finalization of text books and reference books.

9. Discussion on ATR as per suggestion given by stakeholders.

10. Any other item.

RESOLUTIONS:

Date: (3-8-2019 & 4-8-2019)

1. The members ratified 3 number of new courses for regulation of R19.
2. The members ratified course objective, course outcomes and CO-PO mapping of all the course structure.
3. Building materials and Construction is renamed as Construction materials.
4. For building planning and drawing one lecture hour and four lab hours are to be assigned.
5. Surveying is renamed as Geodesy.
6. Surveying Laboratory is renamed as Geodesy Laboratory.
7. For socially relevant project one laboratory hour per week is suggested.
8. Soil mechanics is renamed as Geotechnical Engineering.
9. Engineering geology and Engineering geology lab are suggested to be in the same semester
10. Environmental Engineering-I & Environmental Engineering-II are suggested to be clubbed together as one course namely water supply and waste water engineering.
11. A New Course titled Geotechnical Engineering-II is introduced.
12. Waste Water Management course is renamed as industrial waste management course.
13. Solid and hazardous waste management is renamed as municipal solid waste management.
14. Earthquake Resistant Design is renamed as Earthquake Engineering.
15. For prerequisites it is to be mentioned as exposure to relevant subject.
16. Complete Details of Text books and Reference books are to be given.
17. For effective management of Open Elective and Professional Electives, it is suggested to limit number of registered students to 60 to 70.
18. Based on the ATR suggestions given by the stake holders are included (Please refer Annexure- III)

Sand
BOS- Chairman
Mr. M. Sandeep
(HOD-CE)





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DEPARTMENT OF CIVIL ENGINEERING

PEC/CE/Circular/R19-BOS/2

28-07-2019

CIRCULAR

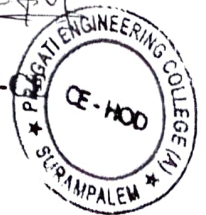
All the members of Board of Studies (BOS) are here by informed that there will be a meeting on 03-08-2019 for discussing the following agenda.

AGENDA:

1. Welcome Address by Chairman-BOS
2. Discussion on Ratification of new courses.
3. Discussion on proposed R-19 Course Structure and ratification of IIIrd and IVth year syllabus.
4. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
5. Discussion on proposed B.Tech IIIrd & IVth Year course syllabi and ratification of the same
6. Discussion on ATR as per suggestions given by stakeholders.
7. Vote of thanks.

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The principal,
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HOD-CE




RESOLUTIONS:

Date: (03-02-2021)

1. The members ratified 13 number of new courses for regulation R19
2. The members ratified course objective, course outcomes and CO-PO mapping of all the course structure.
3. Irrigation drawing laboratory name should be changed as “Detailing and Drawing of Civil Structures Laboratory”.
4. Steel and Concrete structural elements can be added to the syllabus of “Detailing and Drawing Civil Structures Laboratory”.
5. **Advanced Foundation Engineering** subject should be removed since the syllabus is heavy for B.Tech level, as there are 3 courses for soil engineering.
6. As **Advanced Foundation Engineering** course and its course code has been ratified in course structure in 1st meeting of BOS R19, so remove only syllabus from course structure.
7. Course outcome should be framed in brief and they should be based on Blooms Taxonomy Levels.
8. Publication year and publisher name of text books has to be mentioned in the syllabus.
9. Small experiments can be combined as a single experiment in all laboratory subjects.
10. Add Design of truss and design of plate girder in “Design & Detailing of Steel Structures” subject.
11. Add “Introduction to Gantry girder” to the subject “Design & Detailing of steel structures”.
12. BOD determination experiment has to be added to the “Environmental Engineering Laboratory”.
13. Remove pre-requisites for all elective subjects.
14. Based on the ATR suggestions given by the stake holders are included (Please refer Annexure- III)

Sandeep
BOS- Chairman.
Mr. M. Sandeep
(HOD-CE)





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DEPARTMENT OF MECHANICAL ENGINEERING

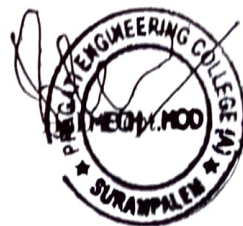
Date: 29-07-2019

CIRCULAR

All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 3rd and 4th August 2019 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure of R19 regulations of B.Tech & M.Tech and ratification of the same.
2. Discussion on proposed B.Tech First Year and Second Year courses syllabi & M.Tech courses syllabi and ratification of the same.
3. Discussion on ratification of new courses introduced in R19 Regulation.
4. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
5. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
6. Finalization of text books and reference books.
7. Discussion on ATR as per suggestions given by stake holder
8. Any other item.



Copy to:

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 03-08-2019

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 3rd and 4th August 2019 for approval/ratification of R19 regulation.

Members Present:

BOS-CHAIRMAN

Dr. B.S.V. Rama Rao
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

UNIVERSITY NOMINEE

Dr. A. Swarna Kumari
Professor
University College Of Engineering, JNTUK
aruswara@yahoo.com
9948024844

EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
9556713217

Dr. E. Anil Kumar
Professor
Department Of Mechanical Engineering
IIT TIRUPATI
anil@iittp.ac.in
8772503405

INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Dr. G. Satish - Faculty Member
- Mr. P. Sukumar - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mrs. Ch. Vasantha Lakshmi - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. A.V. Ramana Rao - Faculty Member

Agenda:

1. Discussion on proposed course structure of R19 regulations of B.Tech & M.Tech and ratification of the same.
2. Discussion on proposed B.Tech First Year and Second Year courses syllabi & M.Tech courses syllabi and ratification of the same.
3. Discussion on ratification of new courses introduced in R19 Regulation.
4. Discussion on ratification of course objectives, course outcomes and CO-PO mapping.
5. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
6. Finalization of text books and reference books.
7. Discussion on ATR as per suggestions given by stake holder
8. Any other item.

Proceedings:

- The meeting began at 10.00AM in the R&D Laboratory. The Chairman of the Board Dr. B.S.V. Rama Rao welcomed all the members for the meeting.
- The Chairman explained the Vision, Mission of the College and the Department and the agenda for discussion and requested the members to give their valuable inputs.
- The external experts suggested to add new courses in the curriculum by following the AICTE guidelines.
- With respect to point 1 of agenda, the following changes were suggested in B.Tech course structure:
 - The course Design of Machine Members was suggested to divide in to two courses i.e., Design of Machine Members I and Design of Machine Members II.
 - The title for course, Engineering Graphics and Drafting was changed to Engineering Drawing, common to all the branches.
 - The courses in professional electives are arranged according to the specialization such as Thermal Engineering, Machine Design, CAD/CAM and Industrial Engineering.
 - The course Refrigeration & Air Conditioning in Professional Elective-I is shifted to Professional Elective-III.
- With respect to point 1 of agenda, the following changes were suggested in M.Tech course structure:
 - The course Nano Technology in Elective-I is replaced with Concurrent Engineering.
 - The course Modeling and Simulation of Manufacturing Systems is replaced with Product Design and Development.
 - The course Concurrent Engineering in Elective-III is replaced with Flexible Manufacturing Systems.
 - The course Materials Technology in Elective-IV is replaced with Rapid Prototyping.
 - The Laboratory, Modeling and Analysis of Manufacturing Processes, is replaced with Advanced CAM Lab.

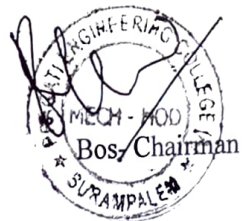
- With respect to point 2 of agenda, the following changes were suggested in B.Tech syllabi:
 - The topics of Scales and Introduction to AutoCAD were added in Engineering Drawing.
 - The topics of Stress-Strain diagram for brittle and ductile materials, Principal planes and principal stresses (both analytical and graphical methods) to be added in Mechanics of Solids.
 - The topic, Compounding of steam turbines was added in Applied Thermodynamics.
- With respect to point 3 in agenda, discussion are done and total 09 No of new courses were finalized.
- With respect to point 4 in agenda, discussions are done and suggestions were made.
- The external experts suggested identifying courses that would enhance the employability skills and also suggested to add few value added courses for the students.
- The external experts are suggested to prepare rubrics for all the Theory, Laboratory, Mini project/Term Paper, Seminar and Project for assessment of the same.

Resolutions:

The following resolutions have been made in the meeting

- The changes suggested were thoroughly discussed and the course structure of R19 regulations of B.Tech & M.Tech is finalized and approved.
- The syllabus for B.Tech & M.Tech course was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.
- The members ratified course objectives, course outcome and CO-PO mapping for all the courses in the course structure.
- The members ratified 09 new courses for B.Tech R19 regulation.
- The members ratified 03 new courses for M.Tech R19 regulation.
- The proposed model papers for internal and external examination of both theory and laboratory courses were discussed and ratified.
- It is resolved to have only two text books and up to five reference books for all the courses.
- Based on the ATR the suggestions given by the stake holders are included
- The members decided to convey the same to Academic Council members for approval.

The meeting came to an end with vote of thanks.





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

31-07-2019

PEC/ECE/Circular/BoS/1

CIRCULAR

All the members of Board of Studies (BoS) are here by informed that there will be a meeting on 03-08-2019 and 04-08-2019 for discussing the following agenda.

Agenda:

1. Welcome Address by Chairman – BOS
2. Discussion on proposed R-19 course structure of B.Tech & M.Tech courses syllabi and ratification of the same.
3. Discussion on proposed B.Tech first Year and second Years courses syllabi M.Tech courses syllabi and ratification of the same.
4. Discussion of ratification of new courses
5. Discussion of ratification of course objectives, course outcomes, and CO-PO mapping.
6. Finalization of text books & reference books.
7. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
8. Discussion of action taken report as per suggestions given by stake holders.

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b) Dept. BoS File
c) Circulate among staff members

Sailesh V
BoS Chairman
HOD. ECE
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Near Peddapuram, E.G.Dt. (AP)-53343



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

04-08-2019

The Department of Electronics and Communication Engineering 4th BoS meeting held on 03-08-2019 and 04-08-2019. The following are the Resolutions and suggestion given by BoS experts.

RESOLUTIONS:

Considered Item no 2:

It is resolved to ratify the Proposed 4 years course structure of R-19 Regulations for B.Tech and M.Tech subjected to the following modification and suggestion.

UG-B.Tech

1. It is resolved to move Electronic Workshop from III-I semester to I-II semester.
2. It is resolved to remove IoT Laboratory to compromise Credits weight age.
3. It is resolved to Separate Microwave & Optical Communication as two Different subjects
4. It is resolved to introduce **OPERATING SYSTEMS** subject in **III-I**.
5. It is resolved to make **Electronics measurements and Instrumentation** Subject. Professional core subject and **Radar Systems** as Professional Elective.
6. It is Resolved to Include **Electronics measurements and Instrumentation Laboratory** In IV-I semester.
7. Title change of Multimedia and Signal Coding as Multimedia Communication with case study examples.

PG-M.Tech (Embedded Systems):

-No Suggestions-

PG-M.Tech (VLSISD):

-No Suggestions-

M.Tech Common Resolution

- (a) It is resolved to give or 2 Common Elective to both ES & VLSL

Considered Item no 3

1. It is resolved to add more case study example in Real Time Operating Systems Subject in M.Tech- Embedded Systems Course.
2. It is resolved to add IoT concepts in Embedded Networking relate Subject in M.Tech- Embedded Systems Course.
3. It is resolved to give more Emphasis to comprehensive viva in M.Tech ES & VLSISD
4. It is resolved to add Topics of System concepts in Signal and Systems syllabus.

Considered Item no 4

1. Total 33 New courses were introduced in R19 Course structure and the same is ratified

Considered Item no 5

1. Course objectives, Course outcomes and CO-PO mapping were reviewed and advised faculty members to verify the mapping again.

Considered Item no 6

1. It is resolved to ratify all the proposed model papers for Internal and External Examination of both theory and Laboratory Courses

Considered Item no 7

1. It is resolved to ratify the text books and reference books for R-19 B.Tech course Structure from 3 year to 4 Year subjected to Next BOS meetings.
2. It resolved to include 3 textbooks and 2 reference books for every subject in Course structure.

Considered Item no 8

1. Stake holders Feedback Analysis and Action taken report(ATR) on Curriculum feedback is presented before BoS Committee and few of the suggestion were incorporated in R19 Curriculum

SUGGESTIONS (subjected to ratify in consultation with other BoS):

B.Tech

1. Linear Algebra should be studied in 1st semester.

2. More Emphasis is given to Numerical Methods (5 units syllabus on numerical methods).
3. Applied Physics is not suggestible for ECE students change as Engineering Physics.
4. Applied Chemistry is no way related to ECE so remove the subject and add one more core/programming subject.
5. For labs one credit is sufficient. So we can add more number of subjects which were removed due to credits reduction from 180 to 160.
6. BEE subject and lab must be in the same semester.
7. In mathematics Fourier analysis should be covered in transform techniques.
8. Weight age of credits should be increased for core subjects (EDC, CS, NA, etc..)
9. Microprocessor should be combined with Computer Architecture.
10. Professional Electives should be completed before 8th semester.
11. Open electives can be studied in 8th semester so that they can go outside for projects in industries.
12. MOOC's course should have credits.
13. All the Professional Electives shall be enclosed in a list and student is expected to complete the professional electives from the list depending on the prerequisites.
14. Experts suggested more focus should be on skill oriented and employability courses.
15. As per NEP2020 policy entrepreneur course should be included in the curriculum.

M.Tech

Change the name project as Dissertation. Project is for group of people where as Dissertation related to one person.

Sailaja V
BOS - chairman

HOD-ECE
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1-378, ADB ROAD, SURAMPALM
Near Peddapuram, E.G.D. 37

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 01-08-2019

CIRCULAR

All the members of Board of Studies (BoS) are hereby informed that there will be a meeting on 3rd August 2019 and 4th August 2019 for discussing the following agenda.

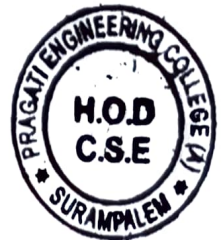
Agenda:

1. Welcome Address by Chairman-BOS
2. Ratification of I and II year course structure & syllabus of R19 regulation for B. Tech (CSE) program.
3. Discussion on course structure of R19 regulation for B. Tech (CSE) program.
4. Ratification of course structure & syllabus of R19 regulation for M. Tech (CSE) program.
5. Discussion on ratification of new courses introduced in R19 Regulation.
6. Ratification of the proposed model papers for internal and external examinations of theory courses.
7. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
8. Finalization of text books and reference books.
9. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure-IV).
10. Any other item.
11. Vote of Thanks.

Copy to:

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

R. Reddy
HoD-Dept.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 04-08-2019

Minutes of meeting of B. Tech Board of Studies (BoS) of Computer Science and Engineering conducted on 3rd August 2019 and 4th August 2019 for approval/ratification of R19 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. D. Haritha
Professor of CSE,
JNTUK, Kakinada. A. P.
India.

3. Subject Experts

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

Dr. M. V. Panduranga Rao
Associate Professor of CSE,
IIT Hyderabad, T.N.
India.

4. Industry Expert

Sri Praveen Kumar Y,
TCS-Hyderabad. India.

5. Alumni

Dr. V. Srinivasa Naresh,
Associate Dean,
Research & Development,
Sri Vasavi Engineering College, Pedatadepalli,
Tadepalligudem, PIN-534101

5. Faculty members of CSE Department

- i. Dr. Y. Jaya Babu
- ii. Dr. A. Radha Krishna
- iii. Dr. S Rao Chintalapudi
- iv. Mr. M.V. Rajesh
- v. Mrs. G. Kumari
- vi. Mr. T. SomaSekhar
- vii. Mrs. K. L. Viveka

Agenda:

1. Welcome Address by Chairman-BOS
2. Ratification of I and II year course structure & syllabus of R19 regulation for B. Tech (CSE) program.
3. Discussion on course structure of R19 regulation for B. Tech (CSE) program.
4. Ratification of course structure & syllabus of R19 regulation for M. Tech (CSE) program.
5. Discussion on ratification of new courses introduced in R19 Regulation.
6. Ratification of the proposed model papers for internal and external examinations of theory courses.
7. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
8. Finalization of text books and reference books.
9. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure-IV).
10. Any other item.
11. Vote of Thanks.

Suggestions:

The following suggestions given by the members of BoS for B. Tech program.

- It is advised to rename the theory paper “Professional communications” to “Professional communication skills”.
- Better to include the Subject “PE & HV” in 1st Year instead of II Year II Semester.
- Better to rename, the subject “Machine Learning” to “Advanced Machine Learning”.
- Under Open Elective–II, from CIVIL Engineering better to opt subject on “Smart City”, instead of “Waste Water Management”.
- Under Open Elective–I, better to change the subject title “Advanced Data Structures” to “Advanced Date Structures and Algorithms” .
- In II Year II Semester, “Socket Programming” related topics need to be included in OOPs through JAVA and its laboratory.
- In III Year I Semester, change the name of the “Data Mining Lab” as “Data Mining and Compiler Design Lab”, by including the Compiler Design experiments.
- Under the Professional Elective–V, better to change the subject “Agile

Methodologies” to “Agile Methodologies and Devops”.

- As part of the induction program in Zero Semester for the I year better to include few topics of MS OFFICE.
- Suggested to identify one or two courses for MOOCs at department level. The courses suggested are Artificial Intelligence or Big Data Analytics from NPTEL, course era, udacity, etc.

The following suggestions given by the members of BoS for M. Tech program.

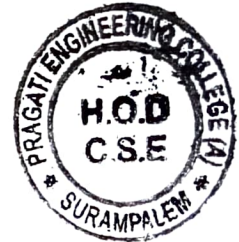
- Include few topics related to Algorithm Analysis in “Advanced Data Structures & Algorithm Analysis”.

Resolutions:

The following resolutions have been made in the meeting

- Syllabi of I Year & II Year B. Tech are reviewed and ratified.
- The M. Tech syllabus with course outcomes is ratified.
- Model Papers of internal and external question papers are ratified with minor suggestions.
- Text Books and Reference Books are ratified.
- The members ratified 10 new courses for B. Tech (CSE) for R19 regulation.
- The revised course outcomes of I B. Tech & II B. Tech (I & II Sem) are ratified.


BoS-Chairman





PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 30-07-2019

CIRCULAR

All the faculty of Department of Information Technology are hereby informed that a meeting of the Board of studies of our department will be held on 3rd & 4th August 2019 in the Conference Hall. You are requested to attend the same.

Following is the agenda.

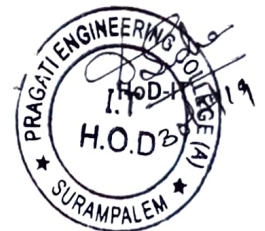
AGENDA:

- Welcome address by Chairman – BOS
- Discussion on proposed B.Tech. course structure and ratification of the same of R19 regulation (Refer Annexure I)
- Discussion on proposed B.Tech First year and Second year courses syllabi and ratification of the same(Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
- Finalization of textbooks and reference books.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.

Circulation among Faculty- Department of IT

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Minutes of the meeting of the Board of Studies in Information Technology held on 3rd & 4th August 2019.

AGENDA:

- Welcome address by Chairman – BOS
- Discussion on proposed B.Tech. course structure and ratification of the same of R19 regulation (Refer Annexure I)
- Discussion on proposed B.Tech First year and Second year courses syllabi and ratification of the same(Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders(Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
- Finalization of textbooks and reference books.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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RESOLUTIONS:

1. Considered Item No.2-

Course Structure is designed for all semesters for R19 regulation.

2. Considered Item No.3-

Syllabi is framed for the following courses till II B.Tech II Semester and ratified the same.

1. Data Structures
2. Data Structures Laboratory
3. Database Management Systems
4. Database Management Systems Laboratory
5. Computer System Architecture
6. Mathematical Foundations of Computer Science
7. Scripting Languages
8. Scripting Languages Laboratory
9. Operating Systems
10. Operating Systems Laboratory
11. UNIX Programming Laboratory

3. Considered item No.4-

The Members ratified 29 new courses for R19.

4. Considered item No. 5-

The members ratified course objectives, course outcomes and CO-PO mappings of all the courses in the course structure.

5. Considered item No.6-

Based on the ATR, The suggestions given by the stakeholders are included.

6. Considered Item No.7-

Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.



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7. Considered Item No.8-

Recommended the text books and reference books for III and IV year courses.

8. Considered Item No.9-

Reviewed the list of Value Added Courses and ratified the same.





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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 26-03-2018

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 31st March and 01st April 2018 for discussing the following agenda.

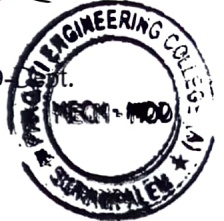
Agenda:

1. Discussion on proposed B.Tech Third and Fourth Year courses syllabi and ratification of the same.
2. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
3. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
4. Finalization of text books and reference books.
5. Discussion on ATR as per suggestions given by stake holders.
6. Any other item.

Copy to:

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

P. Kunal Baby
HoD





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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 31-03-2018

Minutes of meeting of UG & PG Board of Studies (BoS) of Mechanical Engineering conducted on 31st March and 01st April 2018 for approval/ratification of III & IV Year R16 regulation courses.

Members Present:

BOS-CHAIRMAN

Dr. P. Kumar Babu
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
9556713217

UNIVERSITY NOMINEE

Dr. N. Mohan Rao
Professor
University College Of Engineering Vizianagaram, JNTUK
nmrao.me@jntukucev.ac.in
9849340437

INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mr. P. Sukumar - Faculty Member
- Mrs. Ch. Vasantha Lakshmi - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. A.V. Ramana Rao - Faculty Member
- Mr. G. Satish - Faculty Member

Agenda:

1. Discussion on proposed B.Tech Third and Fourth Year courses syllabi and ratification of the same.
2. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
3. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
4. Finalization of text books and reference books.
5. Discussion on ATR as per suggestions given by stake holders.
6. Any other item.

Proceedings:

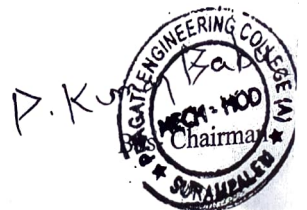
- The meeting began at 10.00AM in the CAD/CAM Laboratory. The Chairman of the Board Dr. P. Kumar Babu welcomed all the members for the meeting.
- With respect to point 1 of agenda, the following changes were suggested in B.Tech syllabi:
 - Concept of 'Power Transmission' is to be included in Unit VI of Design of Machine Members-II.
 - Concept of 'Combustion' is removed in Unit I and 'Steam condensers' is to be included in Unit III of Thermal Engineering-II.
 - Name of the experiments was modified in thermal Engineering Laboratory.
 - Concept of 'Definitions and basic concepts of accuracy, precision, calibration, threshold, sensitivity, hysteresis, repeatability, linearity' is to be included in Unit I of Instrumentation & Control Systems.
 - Any 6 experiments are to be conducted among 10 in Metrology & Instrumentation Lab.
 - Concept of 'Ignition system' is to be included in Unit II of Automobile Engineering.
- The suggestions given by the external experts with respect to the content inclusion in the courses was noted down and the same has been informed to the subject expert for incorporating in the syllabus.
- The members ratified Course Objective, Course Outcome and CO-PO mapping for all the courses in the course structure.

Resolutions:

The following resolutions have been made in the meeting

- The syllabus for B.Tech course was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.
- The proposed model papers for internal and external examination of both theory and laboratory courses were discussed and ratified.
- The members ratified 02 new courses for B.Tech R19 regulation.
- The textbooks and data books suggested for various courses were finalized.
- The suggestions given by the stake holder are included based on the ATR.
- The members decided to convey the same to Academic Council members for approval.

The meeting came to an end with vote of thanks.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 27-03-2018

CIRCULAR

All the members of Board of Studies (BoS) are hereby informed that there will be a meeting on 31st March 2018 & 1st April 2018 for discussing the following agenda.

Agenda:

1. Welcome Address by Chairman-BOS
2. Discussion on proposed III B. Tech & IV B. Tech courses syllabi and course outcomes and ratification of the same.
3. Discussion on proposed M. Tech course syllabi and course outcomes and ratification of the same.
4. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses of III B. Tech & IV B. Tech.
5. Discussion on ratification of new courses introduced in R16 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure-IV).
9. Any other item.
 - a. Discussion on framing of Vision, Mission, PEOs, PSOs and POs
 - b. To decide target levels for attainment of COs for each subject
 - c. Discussion on AICTE proposed curriculum.
10. Vote of Thanks.

Copy to:

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


H.O.D Dept.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 01-04-2018

Minutes of meeting of B. Tech Board of Studies (BoS) of Computer Science and Engineering conducted on 31st March 2018 & 1st April 2018 for approval/ratification of R16 regulations.

Members Present:

1. Chairman- BoS

Dr. N. Leelavathy
Professor & HOD,
Department of CSE,
Pragati Engineering College.

2. University Nominee

Dr. K VenkataRamana
Professor of CSE,
JNTUK, Kakinada.

3. Subject Expert

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

4. Alumni

Dr. V SrinivasNaresh,
Associate Dean,
Research & Development,
Sri Vasavi Engineering College, Pedatadepalli,
Tadepalligudem, PIN-534101

5. Faculty members of CSE Department

- i. Prof. SV Ramana Murthy
- ii. Prof. Y Jaya Babu
- iii. Dr. M RadhikaMani
- iv. Dr. Y. V Ram Kumar
- v. Mr. M Raja Kumar
- vi. Mrs. G S Suneetha
- vii. Mr. A LakshmanRao

Agenda:

1. Welcome Address by Chairman-BOS
2. Discussion on proposed III B. Tech & IV B. Tech courses syllabi and course outcomes and ratification of the same.
3. Discussion on proposed M. Tech course syllabi and course outcomes and ratification of the same.
4. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses of III B. Tech & IV B. Tech.
5. Discussion on ratification of new courses introduced in R16 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO Mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by Stakeholders (Please Refer Annexure-IV).
9. Any other item.
 - a. Discussion on framing of Vision, Mission, PEOs, PSOs and POs
 - b. To decide target levels for attainment of COs for each subject
 - c. Discussion on AICTE proposed curriculum.
10. Vote of Thanks.

Suggestions:

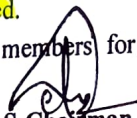
The following suggestions given by the members of BoS.

- Discussion on framing of Vision, Mission, PEOs, PSOs and POs has been done for further refinement.
- It is resolved to decide the target level for attainment of COs for each subject is to be done based on previous results.
- It is resolved to follow future syllabi as per the AICTE guidelines.
- Suggested to identify one or two courses for MOOCs at department level. The courses suggested are Artificial Intelligence or Big Data Analytics from NPTEL, course era, udacity, etc.

Resolutions:

The members of Board of Studies have resolved to approve the following:

- The M. Tech syllabus with course outcomes is ratified.
- The revised course outcomes of I B. Tech & II B. Tech (I & II Sem) are ratified.
- The members ratified 4 new courses for B. Tech (CSE) for R16 regulation.
- After a thorough discussion on the syllabi and course outcomes of III B. Tech & IV B. Tech (I & II Sem) is resolved and ratified.
- The model papers of internal and external examinations of both theory and Laboratory courses have been discussed thoroughly and ratified.
- The list of web resources, text books and reference books have been updated and ratified as per the suggestions given by the board of members.
- 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





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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 28-03-2018

CIRCULAR

All the faculty of Department of Information Technology are hereby informed that a meeting of the Board of studies of our department will be held on 31st March & 1st April 2018 in the Conference Hall. You are requested to attend the same.

Following is the agenda.

AGENDA:

- Welcome address by Chairman – BOS
- Discussion on proposed B.Tech Third and Final year courses syllabus along with Courseoutcomes and ratification of the same of R16 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings (Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders (Refer Annexure III).
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses for B.Tech Second, Third and Final year courses
- Finalization of text books and reference books.
- Target Levels for CO Attainment.
- Machine Learning in IV-I to be offered as Online MOOC Course under Swayam (NPTEL).
- Suggestions for the evaluation procedure for Audit/Non-Credit Courses.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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Minutes of the meeting of the Board of Studies in Information Technology held on 31st March & 1st April 2018.

AGENDA:

- Welcome address by Chairman – BOS
- Discussion on proposed B.Tech Third and Final year courses syllabus along with Courseoutcomes and ratification of the same of R16 regulation (Refer Annexure I)
- Discussion on ratification of new courses. (Refer Annexure II)
- Discussion on ratification of course objectives, course outcomes and CO-PO Mappings(Refer Annexure IV)
- Discussion on ATR as per suggestions given by stakeholders (Refer Annexure III)
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses for B.Tech Second, Third and Final year courses
- Finalization of text books and reference books.
- Target Levels for CO Attainment.
- Machine Learning in IV-I to be offered as Online MOOC Course under Swayam (NPTEL).
- Suggestions for the evaluation procedure for Audit/Non-Credit Courses.
- Discussion on proposed value added courses and ratification of the same.
- Any other item.
- Vote of Thanks.



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RESOLUTIONS:

1. Considered item No.2-

Reviewed the proposed syllabi of theory and lab courses for III and IV year courses and ratified the same.

2. Considered item No.3-

The Members ratified 08 new courses for R16.

3. Considered item No.4-

The members ratified course objectives, course outcomes and CO-PO mappings of all the courses in the course structure.

4. Considered item No. 5-

Based on the ATR, The suggestions given by the stakeholders are included.

5. Considered item No.6-

Model papers for internal and external examinations of both theory and laboratory courses are reviewed and ratified.

6. Considered item No.7-

Recommended the text books and reference books for III and IV year courses.

7. Considered item No.8-

Target Levels for CO attainment for all the courses of B.Tech IT course structure are discussed and approved.

8. Considered item No.9-

The BOS Recommendation for consideration of an NPTEL online certification course for Credits

In the proposed Curriculum, there is a course with title "Machine Learning" in IV-I under Elective I. This course is also offered under SWAYAM(NPTEL) with the title as "Introduction to Machine Learning" which is a 12-week course equivalent to any theory course of 3 credits according to NPTEL.

Aiming to enhance the self learning capabilities of the students, this BOS recommends to provide an option to the students to complete the above said NPTEL course from III-I semester onwards. So the scores obtained by the students in this NPTEL online certification course i.e. Assignment marks(25) and Proctored Exam marks(75) will be taken as Internal marks(40) and External marks(60) respectively. For the students who opt for online NPTEL course, there will not be any regular class room teaching. There will be a mentor supervising the learning activities of the above said NPTEL course.



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9. Considered item No.10-

Reviewed the proposed evaluation procedure for Audit/Non-Credit courses and suggested the following changes:

Item No:3- Point 5 can be enhanced as below.

“The evaluation done by external agencies shall be converted to suitable grades(Satisfactory/Unsatisfactory) based on the evaluation methodology which is to be approved by a committee constituted by the Head of the Institute”.

10. Considered item No.11-

Reviewed the list of Value Added Courses and ratified the same.

