



PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

KANURU, VIJAYAWADA -520007.

(Sponsors : Siddhartha Academy of General & Technical Education, Vijayawada)

Affiliated to JNTUK, Kakinada (College Code : 50)

Approved by AICTE, Accredited by NAAC With 'A+' Grade

UG Programs are Accredited by NBA

An ISO 9001 : 2015 Certified institution

Ref :

Date :

25.04.2022.

BOARD OF STUDIES MEETING

INVITATION

Greetings from Prasad V Potluri Siddhartha Institute of Technology!

We are cordially inviting you to the Board of Studies (BOS) meeting of the E.C.E department. The BOS meeting will take place on Friday 29th April, 2022 at 3.00 P.M.

The agenda of the BOS meeting is as follows:

1. PVP20III & IV B.Tech.courses Syllabus and their revision
2. Introduction of Honors & Minors in UG program
3. Course Structure & Syllabus revision of M.Tech. PVP-22 Regulations
4. Any other item with the permission of the chair

We look forward to your participation.

Thanking you,

Faculty I/C BOS,

CC to the Principal, PVPSIT.

(Dr. C. Subba Rao)

Professor & HOD, Dept. of E.C.E

HEAD

Electronics & Communication Engg. Dept.
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.

Prasad V Potluri Siddhartha Institute of Technology, Vijayawada-7

Dept. of Electronics and Communication Engineering

18th Board of Studies Meeting Minutes held on: 29-04-2022; 3.00 - 5.00 P.M

B.Tech. PVP-20 Regulation

- ❖ Syllabus of PVP 20 III & IV-B.Tech Courses has been discussed and revised
- ❖ Course titles & syllabus for honors and minors offered by the department have been discussed and approved
- ❖ Course titles and Syllabus of Open electives offered by the department have been discussed and approved
- ❖ A total of **Twenty Eight (28)** new courses are Introduced in **B.Tech., PVP-20** regulation. The titles and Syllabus of the new courses have been approved.
- ❖ Course titles and Syllabus for Professional electives are discussed and got approved
- ❖ Octave software may be introduced in communication theory lab course
- ❖ To include programming assignments for computer courses as part of B.Tech. curriculum
- ❖ E-Waste management may be introduced in place of PTRP in the open electives category
- ❖ Fibreless transmission topic shall be included in optical communications course
- ❖ S-Matrix, PIN diode and Schottky diode topics may be introduced in Microwave Engineering course
- ❖ Computer Networks syllabus may be updated with additional topics related to physical layer and datalink layer

M.Tech. PVP-22

- ❖ Courses titles & syllabus for **PVP-22 M. Tech.** program were discussed and revised
- ❖ Bio-Medical signal processing course may be replaced with Conformal Antennas Syllabus
- ❖ A total of **seven (7)** new courses are Introduced in **M.Tech., PVP-22** regulation. The titles and Syllabus of the new courses have been approved.



(Dr. C.Subba Rao)

Prof. & HoD

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The following is the list of new courses approved for the UG/PG courses

B.Tech. PVP-20 Regulation

- ❖ A total of 28 new courses are Introduced in B.Tech. PVP-20 regulation. The following titles and Syllabus of the new courses have been approved

Engineering Sciences

1. Data Structures and algorithms

Employability/Skill Courses

2. Java Programming
3. Soft skills
4. Verilog HDL

Mandatory courses

5. Universal Human Values

Industrial Internships

6. Two additional Mandatory Industrial Internships are introduced

Open Electives

7. MATLAB Programming
8. Sensor Technology
9. Electronic Instrumentation
10. E-Waste Management

Professional Electives

11. Artificial Neural Networks
12. ARM Microcontroller Systems
13. Machine Learning
14. Operating Systems
15. Fuzzy Logic
16. Deep Learning
17. Research Methodology

P.T.O

Minors

- 18. Industrial and Medical IoT
- 19. IoT Networks

Honors

- 20. Digital Electronics Design with VHDL
- 21. Cognitive Radio
- 22. Solid State Microwave Devices
- 23. Artificial Intelligence
- 24. RF IC Design
- 25. Conformal Antennas
- 26. Pattern Recognition
- 27. Detection and Estimation Theory
- 28. Low Power VLSI design

M.Tech. PVP-22

❖ A total of seven new courses are Introduced in M.Tech., PVP-22 regulation. The following titles and syllabus of the new courses have been approved

- 1. Modern Wireless Communications - Professional Core
- 2. Advanced Electromagnetic Fields- Professional Core
- 3. Conformal Antennas -Elective
- 4. Video Processing -Elective
- 5. Machine Learning-Elective
- 6. Under Water Communications- Elective
- 7. Wireless Sensor Networks- Elective



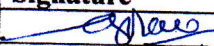
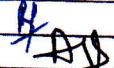
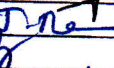
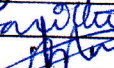

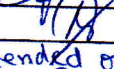
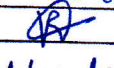



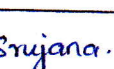


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Board of Studies Members

Sl. No.	Name of the Member	Signature
1	Dr. C. Subba Rao, Prof. & HoD, Chairman of BOS	
2.	Dr. A.M. Prasad Prof., Dept of ECE, JNTUK, Kakinada; University Nominee	Attended online
3	Dr. N V S N Sarma Director, IIIT Trichy, Academic Council Nominee	Attended online
4	Dr. Sri Rama Murty Kodukula Assoc. Prof., Dept. of Electrical Engg., IITH, Hyderabad Academic Council Nominee	Attended online
5	Reddy Raja Annareddy Founder and CTO, Omniwyse Technologies Pvt. Ltd., Q2, A2, Cyber Towers, Madhapur, Hyderabad Industry Representative	Attended online
6	Dr.K. Ramanjaneyulu, Professor; Member of BOS	
7	Dr. A. Geetha Devi, Assoc. Prof.; Member of BOS	
8	Dr.J. Ravindra Babu, Assoc. Prof.; Member of BOS	
9	Dr. Ch. Gangadhar, Asso. Prof. ; Member of BOS	
10	Dr. T. Haritha, Assoc. Prof.; Member of BOS	
11	Mr. M. Srinivasa Rao, Assoc. Prof. ; Member of BOS	
12	Mrs. K. Anitha, Assoc. Prof. ;Member of BOS	
13	Dr.B. Surya Prasada Rao, Asso. Prof.; Member of BOS	
14	Dr.B. Samuyelu, Sr. Asst. Prof.; Member of BOS	
15	Dr. Md. Habibulla, Sr. Asst. Prof.; Member of BOS	Attended online
16	Mrs. V.Ratna Kumari, Asst. Prof.; Member of BOS	
17	Alumni Representative Mr. B. Surya Anil Kumar UACLRTECH- Designation : Lead-Verification Engineer, Bangalore, surya.anil92@gmail.com ; 9030571272	Attended online
18	Student Representative, IV B.Tech., Name : Ms.K. Sasi Rekha , Mobile : 9885179999 Regd. No: 18501A0459, mail: sasirekhakolli.2@gmail.com	
19	Student Representative, III B.Tech., Name : Ms. P. Srujana, Mobile No: 9347573895 Regd. No:19501A0488, Mail id.:19501A0488@pvpsddhartha.c.in	P. Srujana.
20	Parent Representative, (Parent of K. Sasirekha, student Reg. No:18501A0459 Name Mrs. K. Usha Rani, Mobile No: 9885179999 Mail id.: ushakolli9@gmail.com	 7/05/22



(Dr. C. Subba Rao)

Prof., & Head., Dept. of E.C.E

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