



DEPARTMENT OF APPLIED ENGINEERING

CIRCULAR

Date: 25.04.2023

Department of Applied Engineering is going to conduct Board of Studies (BoS) meeting for the M. Tech in Farm Machinery on **28.04.2023 from 10.00 AM** in blended mode. The venue of meeting is AFTF 05, Seminar Hall, Department of Applied Engineering, U-Block, VFSTRU, Vadlamudi. The online ZOOM platform link for virtual meeting is <https://us02web.zoom.us/j/84300903019> all the members are requested to make it convenient to attend the meeting.

The members are

S. No	Name and Designation of the members	Position
1	Dr. N. Narayana Rao , Associate Prof & Head of AE Department, VFSTRU	Chairperson
2	Dr B.V.S. Prasad , Principal Scientist (Agril. Engg) & Head and Univ. Head, Acharya N.G. Ranga, Agricultural University.	External Member (Academic)
3	Dr. Vidhu Kampurath , Joint Director - Plant Health Engineering, National Institute of Plant Health Management, Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture, Govt. of India, Rajendra Nagar, Hyderabad.	External Member (Academic)
4	Dr. T. Ramesh Babu Dean of School of Agri, Food Science and Technology	Member
5	Dr. Ayyanna D.S Assistant Professor, Dy. HoD, Dept. of AE., VFSTR	Member
6	Dr. Mahesh Hadole Assistant Professor, Dept. of AE., VFSTR	Member
7	Mr. Bibek B. Shrestha Assistant Professor, Dept. of AE., VFSTR	Member

8	Mr. G. Aditya Assistant Professor, Dept. of Applied Engineering, VFSTR	Member
9	Dr. Prabhakar Rao Assistant Professor, Dept. of AE., VFSTR	Member
10	Dr. M. Anusha Assistant Professor, Dept. of AE., VFSTR	Member

Agenda of the BoS Meeting:

- II-year B.Tech Agricultural Engineering Formative & Summative Assessment analysis .
- Course curriculum of R-22 M.Tech
- Discussion of Diploma in Agricultural Engineering.
- Discussion and finalizing PEOs , PSOs, SOs, of R-22 (B.Tech)
- Discussion and finalizing PEOs , PSOs, SOs, of R-22 (M.Tech)
- Identification of tough courses & remedial action for B.Tech (R-22).
- Any other item with the permission of the chair.

N. Narayan Rao
Chairperson

Dr. N. NARAYAN RAO
Associate Professor & Head,
Department of Applied Engineering
VFSTR (Deemed to be) University
Vadlamudi, Guntur. AP. - 522 213.

DEPARTMENT OF APPLIED ENGINEERING

Date: 28.04.2023

Minutes of Board of Studies Meeting

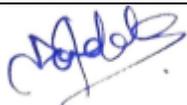
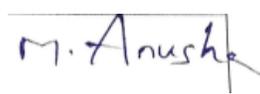
Board of Studies (BoS) meeting of M. Tech in Farm Machinery was conducted on 28.04.2023 in blended mode from 10.00 AM. The venue of meeting is AFTF 05, Seminar Hall, Department of Applied Engineering, U Block, VFSTRU, Vadlamudi. The online ZOOM platform link for virtual meeting is <https://us02web.zoom.us/j/84682182680>.

Agenda of the BoS Meeting:

- II-year B.Tech Agricultural Engineering Formative & Summative Assessment analysis .
- Course curriculum of R-22 M.Tech
- Discussion of Diploma in Agricultural Engineering.
- Discussion and finalizing PEOs , PSOs, SOs, of R-22 (B.Tech)
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- Identification of tough courses & remedial action for B.Tech (R-22).
- Any other item with the permission of the chair.

The following members were present either thorough offline or online.

S. No	Name and Designation of the members	Position	Signature
1	Dr. N. Naryana Rao , Associate Prof & Head of AE Department, VFSTRU	Chairperson	
2	Dr B.V.S. Prasad , Principal Scientist (Agril Engg) & Head and Univ. Head, Acharya N.G. Ranga, Agricultural University.	External Member (Academic)	
3	Dr. Vidhu Kampurath , Joint Director - Plant Health Engineering, National Institute of Plant Health Management, Department of Agriculture,	External Member (Academic)	Online

	Cooperation & Farmers Welfare, Ministry of Agriculture, Govt. of India, Rajendra Nagar, Hyderabad.		
4	Dr. T. Ramesh Babu Dean of School of Agri, Food Science and Technology	Member	Online
5	Dr. Ayyanna D.S Assistant Professor, Dy. HoD, Dept. of AE., VFSTR	Member	
6	Dr. Mahesh Hadole Assistant Professor, Dept. of AE., VFSTR	Member	
7	Mr. Bibek B. Shrestha Assistant Professor, Dept. of AE., VFSTR	Member	
8	Mr. G. Aditya Assistant Professor, Dept. of Applied Engineering, VFSTR	Member	
9	Dr. Prabhakar Rao Assistant Professor, Dept. of AE., VFSTR	Member	
10	Dr. M. Anusha Assistant Professor, Dept. of AE., VFSTR	Member	

Dr. N. Narayana Rao and Head, department of Applied Engineering, VFSTR chaired the meeting. He expressed his sincere thanks to all the External members for their consents to be on the Board of Studies of the department and their valuable suggestions for improvement. He extended a warm and healthy welcome to all the Hon'ble members of the Board of Studies. He acknowledged the members for their valuable suggestions, advises, guidelines and concern towards overall development of the department. Later, he presented the agenda of the meeting.

With the reference to each agenda item, proceedings of Board of Studies meeting are given below.

1. Confirmation of the Minutes of the BoS meeting held on 28-04-2023.

The BoS members have confirmed the minutes of BoS meeting held on 28-04-2023 after careful observation, review and discussion.

2. Discussion and Approval of B.Tech Agricultural Engineering Course Structure, Syllabi, Specification CO-PO-PSO articulation matrix.

BoS Chairman has presented the details related to the course structure,

3. Information on Academic performance of the II-year B.Tech Agricultural Engineering Formative & Summative Assessment analysis .

It is informed to Hon'ble members about academic results the II-year B.Tech Agricultural Engineering Formative & Summative Assessment analysis .

The Hon'ble members have appreciated the efforts put by the institution for Formative & Summative Assessment analysis.

4. Approval of MOOCs for Honor and Minors Programme offered by M.Tech in Farm Machinery.

Hon'ble members discussed in detail about Minor and Honor Programme courses offered by M.Tech in Farm Machinery and given following suggestions.

- a) Needed separate evaluation strategy in the department for grading MOOCs Courses offered by NPTEL to make credit transfer.
- b) Encourage faculty to enroll in emerging Courses offered by NPTEL to expertise and teach the course to the students. Offer incentives to the faculty those have shown better performance in the examination.

Decision: Noted and Approved MOOCs courses

5. Identification of tough courses & remedial action for B.Tech (R-22).

Decision: Noted and identified difficult subjects are 1. Machine Design, 2. Theory of Machines, 3. Heat and Mass Transfer and Design of Structure.

6. Discussed about Course structure for Diploma in Agriculture Engineering

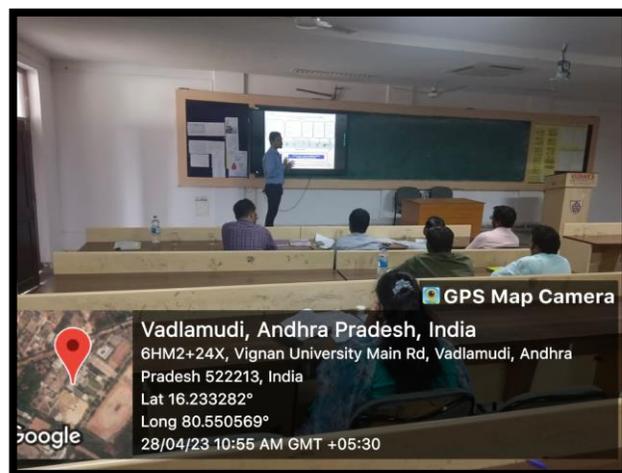
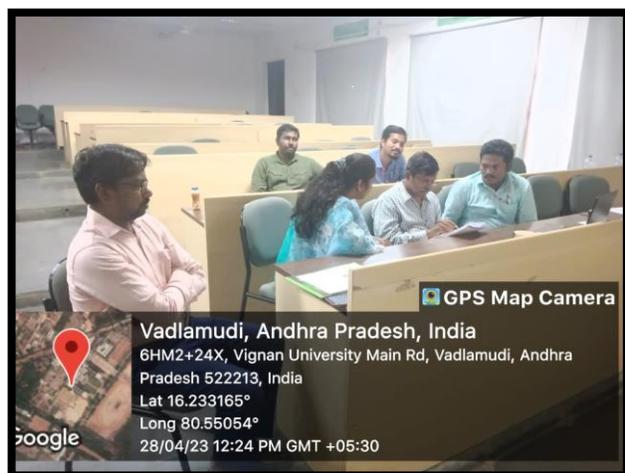
Decision: The Hon'ble members have appreciated the efforts put by the department for initiation to start Diploma in Agriculture Engineering in VFSTRU-Vadlamudi and suggested to add subjects related beneficiary for the local farmer.

Based on the suggestions given by the members, the Chairperson of BoS told that, those fruitful suggestions would be incorporated appropriately in the curriculum and syllabi of the regulation R22 and this will be recommended to the Academic Council of VFSTR for the approval.

There being no further points for discussion, the Chairperson thanks all the external, internal, invited members and announced that the meeting was adjourned.


Member Secretary

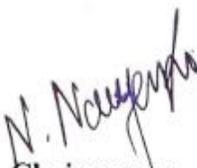

Chairperson
Dr. N. NARAYAN RAO
Associate Professor & Head,
Department of Applied Engineering
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APPENDIX-I
Comparison of R-22 with R-20

S.N	Course Category	R-20	R-22
1	Professional core	22(31%)	20(25%)
2	Professional electives	9(13%)	12(15%)
3	Mandatory course	0(0%)	2(3%)
4	Research ethics	2(3%)	2(3%)
5	Employability & life skills	2(3%)	4(5%)
6	Projects/ Internship	30(42%)	28(35%)
7	Add-on certification course (MOOCs / Self-Study Course)	6(8%)	12(14%)
	Total credits	71	80

Overall 27% of syllabus has been modified from R20 Syllabus.


Chairperson

Dr. N. NARAYAN RAO
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