

Minutes of Board of Studies Meeting: Name of Department
School of Technology (SoT),
Pandit Deendayal Energy University
Gandhinagar, Gujarat-382007

Date: 03/12/2021
Time: 10:00 a.m. to 11:30 a.m.
Venue: Online

A. Members of Board of Studies

Name of BoS Member	Name of Organization and Designation	Present / Absent	Remarks
Dr. Praghresh Bhatt	Chairman-BoS& Head, EED, PDEU	Present	
Prof. Bhim Singh	Professor, Department of Electrical Engineering, IIT-Delhi	Absent	
Dr. Naran Pindoria	Associate Professor, Department of Electrical Engineering IIT-Gandhinagar	Present	
Mr. Vinod Patel	DGM, R&D, Amtech Electronics, Gandhinagar	Present	
Mr. B. B. Mehta	Director, Odisha Power Transmission Co. Ltd, Bhubaneswar, Odisha	Present	
Dr. Amit Sant	Associate Professor, EED, PDEU	Present	
Dr. Bhinal Mehta	Assistant Professor, EED, PDEU	Present	
Dr. Meera Karamta	Assistant Professor, EED, PDEU	Absent	On leave
Prof Sunil Khanna	Director, School of Technology, PDEU	Absent	Special invitee
Prof. Vivek Pandya	Head-IQAC& Professor, EED, PDEU	Absent	Special invitee
Dr. Rajesh Patel	Dean-FoET, PDEU	Absent	Special invitee
Swapnil Khandekar	EE15 Alumni	Present	Alumni representative
Vaikunth Patel	EE16 Alumni	Present	Alumni representative
Karan Doshi	EE17 Alumni	Present	Alumni representative

Harshwardhan Gaikwad	Electrical Batch 2020 student	Present	Student representative
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B. Agenda of Meeting:

B. Tech Program: Electrical Engineering

1. To review (a) curriculum structure with Teaching and Examination scheme and (b) syllabus for B. Tech 2nd Year (3rd and 4th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2021).
2. To review (a) curriculum structure with Teaching and Examination scheme and (b) syllabus for B. Tech 3rd and 4th Year (5th to 8th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2020)
3. To review (a) course structure with Teaching and Examination scheme and (b) syllabus for B. Tech 4th Year (7th and 8th Semester) to be implemented w.e.f. academic year 2022-2023 (2019 Batch)
4. Discussion on effective implementation of Outcome Based Education (OBE) and review of vision & mission of department, POs, PEOs, PSOs
5. To assess the quality of question papers of UG programs for May-June-2021 Semester Examination.
6. Progress report for NBA – e-SAR submission update.
7. Any other item

M. Tech Program: Electrical Engineering (Electrical Power Systems)

1. To review (a) curriculum structure with Teaching and Examination scheme and (b) syllabus for M. Tech 1st and 2nd Year (1st to 4th Semesters) to be implemented w.e.f. ACY: 2022-2023 (Batch 2022).
2. Discussions and Suggestions on starting new PG program in Electrical Engineering
3. Any other item.

PhD Program: Electrical Engineering

1. To approve syllabus of new courses for PhD course work

C. Minutes of BoS Meeting:

B. Tech Program: Electrical Engineering

Agenda	Discussion	Resolution
Agenda 1	The curriculum structure with Teaching and Examination scheme and syllabus for B. Tech 2 nd Year (3 rd and 4 th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2021) was reviewed by BoS members.	The curriculum structure with Teaching and Examination scheme and syllabus for B. Tech 2 nd Year (3 rd and 4 th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2021) is approved by BoS members. Refer Annexure 2.
Agenda 2	The curriculum structure with Teaching and Examination scheme and syllabus for B. Tech 3 rd and 4 th Year (5 th to 8 th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2020) was reviewed by BoS members.	The curriculum structure with Teaching and Examination scheme and syllabus for B. Tech 3 rd and 4 th Year (5 th to 8 th Semester) to be implemented w.e.f. ACY: 2022-2023 (Batch 2020) is approved by BoS members. Refer Annexure 3.

Agenda 3	<p>(a) The course structure with Teaching and Examination scheme and (b) syllabus for B. Tech 4th Year (7th and 8th Semester) to be implemented w.e.f. academic year 2022-2023 (2019 Batch) was reviewed by BoS members.</p> <p>(b) Use of block chain technology in power system can be incorporated in Advanced Power System Analysis/Smart Grids</p> <p>(c) The recent topic of 'Data analytics' can be incorporated in the curriculum considering the increasing relevance of the subject.</p>	<p>The course structure with Teaching and Examination scheme and (b) syllabus for B. Tech 4th Year (7th and 8th Semester) to be implemented w.e.f. academic year 2022-2023 (2019 Batch) is approved by BoS members.</p> <p>Refer Annexure 4.</p> <p><i>The proposed suggestions by BoS members are welcomed and revised curriculum structure with T&E scheme and syllabus for B. Tech 3rd and 4th Year (5th to 8th Semester) will be modified for next academic year and approved in next BoS in March 2022.</i></p>
Agenda 4	The BoS members discussed the effective implementation of Outcome Based Education (OBE). The vision & mission statements of department, the POs, PEOs, and PSOs were reviewed by the BoS members.	The vision & mission statements of department, the POs, PEOs, and PSOs were reviewed and confirmed by the BoS members.
Agenda 5	The question papers of UG programs for May-June-2021 Semester Examination were assessed by the BoS members.	The question papers of UG programs for May-June-2021 Semester Examination are assessed and found satisfactory by the BoS members.
Agenda 6	The BoS members were briefed about the NBA activities and updation of the e-SAR.	

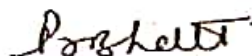
M. Tech Program: Electrical Engineering (Electrical Power Systems)

Agenda	Discussion	Resolution
Agenda 1	<p>(a) The curriculum structure with Teaching and Examination scheme and syllabus for M. Tech 1st and 2nd Year (1st to 4th Semesters) to be implemented w.e.f. ACY: 2022-2023 (Batch 2022) was reviewed by BoS members.</p> <p>(b) B.o.S members suggested removal of the course Advanced Numerical Techniques & Computer Programming from M.Tech Semester-I and Modern Control System to be moved to Semester I</p>	<p>The curriculum structure with Teaching and Examination scheme and syllabus for M. Tech 1st and 2nd Year (1st to 4th Semesters) to be implemented w.e.f. ACY: 2022-2023 (Batch 2022) is approved by BoS members.</p> <p>Refer Annexure 6.</p> <p><i>The proposed suggestions by BoS members are duly considered and revisions wherever necessary in the curriculum structure with T&E scheme and syllabus for M. Tech will</i></p>

	<p>(c) It was suggested to limit the usage of words 'Advanced' and 'Modern' in the subject course names not more than once.</p> <p>(d) It was suggested to include Minor Project in Semester -II which would focus on simulation software usage.</p>	<p><i>be prepared for next academic year and approved in next BoS in March 2022.</i></p>
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PhD Program: Electrical Engineering

Agenda	Discussion	Resolution
Agenda 1	<p>(a) The syllabus of for PhD course work are reviewed by the BoS members.</p> <p>(b) Two new courses namely 'Model Predictive Control' and 'Process modeling and optimization' were proposed to the BoS members.</p>	<p>The syllabus of the courses for PhD course work are approved by the BoS members. Refer Annexure 7.</p> <p>The curriculum of proposed new courses are approved by the BoS members. Refer Annexure 8.</p>



Dr Pragnesh Bhatt
Chairman – BoS



Dr Amit Sant
Internal Member – BoS

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Dr Meera Karamta
Internal Member – BoS



Dr Bhinal Mehta
Internal Member
–BoS & NBA
Coordinator
EED, SoT

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Prof Bhim Singh
IIT – Delhi
Academic Member-BoS



Prof Naran Pindoriya
IIT – Gandhinagar
Academic Member-BoS



Shri B B Mehta
Director, Odisha
Power
Transmission Co.
Ltd,
Bhubaneswar.
Industry Member-
BoS



Shri Vinod Patel
DGM, Amtech
Electronics,
Gandhinagar.
Industry
Member-BoS