

Ref. - Dean Academic dt 03/11/18



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

# DEPARTMENT OF ELECTRICAL ENGINEERING

BoS Date: 06 October 2018

Item EE1:	To frame the COs for all core courses from V Semester to VIII Semester to be offered under the <b>Flexible Curriculum</b> based on the present needs of stakeholders and society <i>(Based on these COs, syllabi will be framed and proposed in the next BoS meeting in Feb-March 2019)</i>
Item EE2:	To propose the <b>list of Departmental Electives</b> to be offered, under the Flexible Curriculum, semester wise keeping in view the latest developments and trends/thrust areas <i>(The COs and syllabi to be proposed in the next BoS meeting in Feb-March 2019)</i>
Item EE3:	To propose a <b>list of Open Elective Courses (Lab/theory courses for all branches)</b> to be offered which have inter-departmental interest and relevance <i>(Pre-requisite for the courses offered under the OC category should be clearly mentioned by the offering department)</i>
Item EE4:	To analyse question papers for Academic Year 2017-18 on the basis of COs and other parameters, separately <i>(On the basis of COs/difficulty level/numerical/theoretical questions/LOTs &amp; HOTs)</i>
Item EE5:	To critically review the COs and their attainments for all courses beginning with the Academic Year (2014-15) to (2018-19) <i>(All courses in series (i) CEL/MEL/EEL/ELL/CSL...etc, (ii) BCEL/BMEL/BEEL/BELL/BCSL...etc &amp; (iii) six digit codes)</i>
Item EE6:	To Identify gaps in CO attainment levels for Academic Year 2017-18 and propose corrective measures for improvement
Item EE7:	To set attainment targets for all COs for courses being offered in the Academic Year 2018-19)
Item EE8:	To propose "Equivalence of Subjects" for all courses running in the various schemes <i>(In order to reduce the number of papers for which unnecessarily separate examination papers are being set, creating work pressure and confusion among all concerned)</i>
Item EE9:	To review and submit complete syllabi and scheme separately for the 3 schemes which are running presently <ul style="list-style-type: none"><li>➤ Batch 2014-18 ( Codes beginning with CEL/MEL/EEL/ELL/CSL...etc</li><li>➤ Batches 2015-19 &amp; 2016-2020 (Codes beginning with BCEL /BMEL /BEEL /BELL /BCSL... etc</li><li>➤ Batch 2017-2021 &amp; Batch 2018-2022 (Six digit codes; upto IV semester only)</li></ul>
Item EE10:	Other matters, if any

## Minutes of BoS Meeting on 06/10/2018

The Board of Studies (BoS) meeting of department of Electrical Engineering was held on 06.10.2018 in the office of HoD Electrical Engineering. Following external members were invited in addition to the faculty members of the department:

1. Dr. Rakesh Saxena, Director, SGSITS, Indore(VC, RGPV nominee)
2. Dr. Yaduvir Singh, Professor, Electrical Engineering, HBTU, Kanpur, (Subject Expert)
3. Dr. Bidyadhar Subudhi, Professor, National Institute of Technology Rourkela, Rourkela-769008, Odisha, India (Subject Expert)
4. Er. Sandeep Gandhi, General Manager (QS), Tata Projects Limited, Q. S. Division, Ghaziabad-201010 (Industry Expert)
5. Er. Mukesh Bhatia, Sr. Manager, Crompton Greaves, Gwalior, (Alumnus)
6. OBE coordinators of II, III, IV & ME (ISD)

Dr. Rakesh Saxena, Dr. Yaduvir Singh and Dr. Bidyadhar Subudhi could not attend the meeting due to some reason.

Following are the minutes of the meeting:

Item EE1:	To frame the COs for all core courses from V Semester to VIII Semester to be offered under the <u>Flexible Curriculum</u> based on the present needs of stakeholders and society (Based on these COs, syllabi will be framed and proposed in the next BoS meeting in Feb-March 2019)  <b>The framed COs for all core courses from V Semester to VIII Semester to be offered under the Flexible Curriculum were recommended with minor corrections as proposed. (Annexure-I)</b>
Item EE2:	To propose the <u>list of Departmental Electives</u> to be offered, under the Flexible Curriculum, semester wise keeping in view the latest developments and trends/thrust areas (The COs and syllabi to be proposed in the next BoS meeting in Feb-March 2019)  <b>The detailed discussion was held on the list of Departmental Electives to be offered, under the Flexible Curriculum, semester wise keeping in view the latest developments and trends/thrust areas. List annexed at Annexure –II</b>
Item EE3:	To propose a list of Open Elective Courses (Lab/theory courses for all branches) to be offered which have inter-departmental interest and relevance (Pre-requisite for the courses offered under the OC category should be clearly mentioned by the offering department)  <b>The detailed discussion was held on the list of Open Elective Courses (Lab/theory courses for all branches) which have inter-departmental interest and relevance to be offered. List is annexed at Annexure-III.</b>
Item EE4:	To analyse question papers for Academic Year 2017-18 on the basis of COs and other parameters, separately (On the basis of COs/difficulty level/numerical/theoretical questions/LOTs & HOTs)  <b>The analysis of question papers for Academic Year 2017-18 on the basis of COs and other parameters were discussed and reviewed. (Annexure-IV)</b>
Item EE5:	To critically review the COs and their attainments for all courses beginning with the Academic Year (2014-15) to (2018-19) (All courses in series (i)CEL/MEL/EEL/ELL/CSL...etc,(ii) BCEL/BMEL/BEEL/BELL/BCSL...etc & (iii) six digit codes)  <b>The review of the COs and their attainments for all courses beginning with the</b>

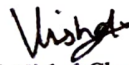
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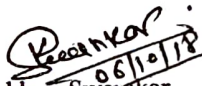
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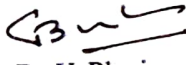
	<b>Academic Year (2014-15) to (2018-19) has been done. (Annexure-V)</b>
Item EE6:	To Identify gaps in CO attainment levels for Academic Year 2017-18 and propose corrective measures for improvement.  <b>The gaps in CO attainment levels for Academic Year 2017-18 were reviewed and corrective measures are suggested. (Annexure-VI)</b>
Item EE7:	To set attainment targets for all COs for courses being offered in the Academic Year 2018-19)  <b>Initially the target for all COs for courses is set as 60%. If the actual attainment exceeds the target, then increase in target is proposed, which is based on gaps. Otherwise the target remains same as previously taken. (Annexure-VII)</b>
Item EE8:	To propose "Equivalence of Subjects" for all courses running in the various schemes (In order to reduce the number of papers for which unnecessarily separate examination papers are being set, creating work pressure and confusion among all concerned)  <b>The proposed "Equivalence of Subjects" for all courses running in the various schemes was reviewed. (Annexure-VIII)</b>
Item EE9:	To review and submit complete syllabi and scheme separately for the 3 schemes which are running presently Batch 2014-18 ( Codes beginning with CEL/MEL/EEL/ELL/CSL...etc Batches 2015-19 & 2016-2020 (Codes beginning with BCEL /BMEL /BEEL /BELL /BCSL...etc Batch 2017-2021 & Batch 2018-2022 (Six digit codes; up to IV semester only)  <b>The complete syllabi and scheme separately for the 3 schemes which are running presently were discussed &amp; and three separate pdf files are prepared. (Annexure-IX)</b>
Item EE10:	Other matters, if any <b>(Annexure-X)</b>


The meeting ended with vote of thanks.

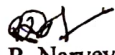
  
Prof. Vishal Chaudhary  
Asst. Professor


*On leave*  
Prof. Praveen Bansal  
Asst. Professor

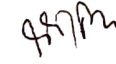
  
Prof. Kuldeep Swankar  
Asst. Professor

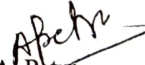
  
Dr. V. Bhuria  
Asst. Professor

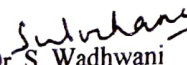
  
Prof. H. Singh  
Asst. Professor

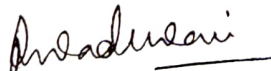
  
Prof. R. Narvey  
Asst. Professor

  
Dr. H.M. Dubey  
Asst. Professor

  
Dr. Shishir Dixit  
Asst. Professor

  
Prof. A. Patra  
Asso. Professor

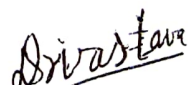
  
Dr. S. Wadhvani  
Professor

  
Dr. A.K. Wadhvani  
Professor

Dr. Manjaree Pandit  
Prof. & Dean (Academic)

*Present*  
Er. Sandeep Gandhi  
General Manager (QS)  
Tata Projects Limited

*Present*  
Er. Mukesh Bhatia  
Sr. Manager  
Crompton Greaves, Gwalior

  
Dr. Laxmi Srivastava  
Prof. & Head  
Electrical Engineering Deptt.



Dean Academic