



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

9-5-81, Ibrahimbagh, Hyderabad-500031, Telangana State

DEPARTMENT OF PHYSICS

Date: 30.12.2014

Minutes of the meeting of Board of Studies (BOS)

The department has conducted a Board of Studies Meeting on 30.12.2014 from 11.00 AM to 03.00 PM to approve the course objectives & outcomes, Scheme of Instruction and Scheme of Examination, syllabi and model question papers of Physics for First year BE (I & II SEMESTERS) under Autonomy. The meeting was convened by Prof. A. S. Sai Prasad, Chairman & Head Department of Physics, Vasavi College of Engineering (Autonomous) .

Members Present

S.No.	Name of the Member	Designation	Status
1.	Dr. A. S. Sai Prasad	Professor Department of Physics Vasavi College of Engineering, Hyderabad	HOD & Chairperson
2	Dr. Anjan Giri	Associate Professor Head, Department of Physics Indian Institute of Technology- Hyderabad	OU nominee
3	Dr. R. Sayanna	Professor Head, Department of Physics, Osmania University, Hyd	Subject expert
4	Dr. P. Madhusudha Rao	Professor BOS Chairman, JNTU-H Department of Physics, JNTU, Hyd	Subject expert
5	Dr. V. Satayanarayana Murthy	Assistant Professor Department of Physics BITS PILANI, Hyderabad Campus	Subject expert
6	Dr. N.R. Muniratnam	Director C-MET, Hyderabad	Industry Nominee
7	Dr. M.Ramalingeswara Rao	Associate Professor	Faculty member
8	Dr. P.Venkateswara Rao	Associate Professor	Faculty member
9	Dr. V.Ravi Kumar	Associate Professor	Faculty member
10	Dr. G. Ramadevudu	Assistant Professor, Senior Scale	Faculty member
11	Mr. T. Satish Kumar	Assistant Professor	Faculty member

The following points have been discussed in the meeting

I. Introduction of BoS Members:

The Chairman and Head Department of Physics, Dr. A. S. Sai Prasad introduced the members of the Board of Studies to each other.

II. Brief Report on the profile of the department :

Dr. A. S. Sai Prasad gave a brief power point presentation about the college and the department from its inception to date outlining various achievements, activities and student performance in final examinations, campus placements etc.

III. Discussion on Course Structure and Scheme of Examination:

The members of the BoS committee discussed the Course Structure and Scheme of Examination along with the credits awarded to each course in the first year B.E. program. BOS approved Course Structure and Scheme of Examination as proposed.

IV. Discussion on Course Objective and Outcomes :

The members of the BoS committee deliberated and approved the Course Objectives and Course Outcomes for B.E. 1/4 course. The BoS members observed that the objectives and outcomes have been well drafted as it encapsulates the syllabus and the methodology, in both the theory and lab.

V. Discussion on B.E. I year I & II Semester theory syllabi:

Dr. G. Ramadevudu presented the proposed theory syllabi of physics for B.E. 1/4 to the committee.

The members appreciated the efforts put in by the faculty members of the department to draft the syllabus of I semester, B.E and enquired whether the portion will be completed in the stipulated number of classes or not.

Dr. N.R. Muniratnam, Industry expert suggested to focus more on the applications of various concepts, so that the students will be exposed to engineering aspects of that particular topic.

Prof. R. Sayanna, Subject expert, suggested to continue with the proposed syllabus for I semester of first year B.E as it is well framed incorporating necessary basics for first year students.

Dr. Anjan Giri, OU nominee, has suggested reorganising the units and chapters within the proposed syllabus of first year B.E, II semester. This helps the students as well the faculty members for smooth swift from one topic to the other. The other members also agreed to make such changes. As per the suggestions of the expert members, the content is reorganised.

Prof. P. Madusudha Rao suggested to include the topic Burger vector in chapter -2 of unit-I and it has been accepted.

Dr. V. Satyanarayana advised to specify the point defects as Schottky and Frenkel defects and the mathematical treatment can be removed at this level. Accordingly changes have been made with the consent of the experts.

Dr. N.R. Muniratnam, advise to incorporate specific applications of superconductors like SQUIDS, magnetic levitation. The suggestion was well taken by the members and included in the syllabus.

The members felt that working principles of TEM is enough in the content of the syllabus and SEM can be omitted. As per the suggestion it has been omitted.

VI. Discussion on B.E I year, Physics Lab for I & II Semesters :

Prof. R. Sayanna and Dr.N.R. Muniratnam suggested to incorporate, determination of Hall Coefficient experiment in I semester lab syllabus. It has been included. The members suggested to purchase more number of sets of this experiment for the next batch.

In the II semester laboratory, all the members advised to incorporate LCR series and parallel resonant circuits experiment. The experiment has been included in the list.

VII. Model Question Paper for ¼ B.E

Model Question Paper for B.E. 1/4 I Semester has been placed before the experts in the meeting. They were satisfied with the pattern of the question paper.

VIII. Any other matter with the permission of the Chair:

The members of the BoS had taken a look at the text books prescribed and said that the list of books provided is good.

IX. BoS visit to research lab

The external members of the BOS has visited the research lab and happy with the kind of research work taken up by the faculty.



Dr. A. S. Sai Prasad
Head Department of Physics and
Chairman, BOS

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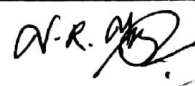
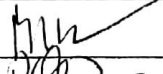
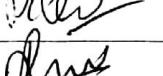
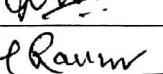
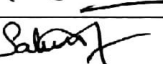
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Meeting of Board of Studies (BOS)

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