

S.A. ENGINEERING COLLEGE, CHENNAI-600 077
(An Autonomous Institution Affiliated to Anna University)
DEPARTMENT OF HUMANITIES AND SCIENCE - PHYSICS

MINUTES OF BOARD OF STUDIES MEETING

DATE: 14/08/2020

S.A.Engineering College, Chennai conducted the meeting of Board of Studies for UG (B.E / B.TECH) in the Department of Physics as per the guidelines of UGC on 14/08/2020 at 10am through online mode via Google meet.

The Following are the Members of Board of Studies:

S.NO	NAME & ADDRESS	ROLE/DESIGNATION
1.	Dr.R.Hariharasuthan Department of Humanities and Science S.A.Engineering college	Chairperson/ Professor & Head,
2.	Dr. S.Sampathkrishnan. Department of Applied Physics, Sri Venkateswara College of Engineering, Sriperumbadur Taluk-602 117 .	University Nominee/ Professor ,
3.	Dr. A. Bhaskaran, Department of Applied Physics, Sri Venkateswara College of Engineering, Sriperumbadur Taluk-602 117 .	Subject Expert/ Professor & Head,
4.	Dr. G. Anbalagan, Department of Nuclear Physics University of Madras, Chennai 600 005.	Subject Expert/ Professor,
5.	Mr.B.Karthikeyan. Senior Manager-Quality, Flextronics Technologies India Pvt,Ltd. Padur Road, Kuthambakkam village,Thiruvallur-602 107	Representative from Industry,
6.	Mr.J.Thamim Ansari, Quality Engineer, Flextronics Technologies India Pvt, Ltd.. Padur Road, Kuthambakkam village,Thiruvallur-602 107	Meritorious Alumnus/ Software Specialist
7.	Mrs. A. Chandravadhana Department of Physics, S.A. Engineering College, Chennai-77.	Member /Associate Professor,
8.	Mr. R.Raja Department of Physics, S.A. Engineering College, Chennai-77.	Member/Assistant Professor
9.	Mr. R. Ganesan Department of Physics, S.A. Engineering College, Chennai-77.	Member /Assistant Professor

Dr.G.S.Kumarasamy, Principal, S.A Engineering College welcomed the Members of Board of Studies of Physics to the First Meeting. Dr. R. Hariharasuthan, Head, Department of Humanities and Science, S.A.Engineering college welcomed the members and Introduced the members to Committee. Mrs. A. Chandravadhana, Associate Professor, Department of Physics, S.A. Engineering College, Chennai 77 presented the draft syllabus to the committee.

The Meeting proceeded to the matters in Agenda:

S.NO	POINTS DISCUSSED
1.	<p><u>Semester 1 - Applied physics (Common to All Branches)</u></p> <ul style="list-style-type: none">i. In Unit-1, BOS Members suggested to include Torsional pendulum and to remove cantilever since it is not in laboratory syllabus.ii. In Unit-2, Members advised to include qualitative study of Losses in fiber.iii. In Unit-3, Members suggested to replace Forbes method by Searle's method.iv. In Unit-4, Members suggested to give only the qualitative study of Planck's Radiation law and include Compton effect.v. In Unit-5, Members suggested to remove crystal growth techniques.vi. BOS Members advised to follow uniform sequence in describing in Text books and References.vii. Members advised to include more video links of necessary lessons in the References section.
2.	<p><u>Semester 2 – Materials science (Common to All Branches)</u></p> <ul style="list-style-type: none">i. In unit-2, Members suggested to include only N-type and P-type semiconductors qualitative studies.ii. In unit-3, Members advised to include Electrostatic discharge as it has many applications in industries.iii. In unit-4, Members are asked to include clausius mosotti relation derivation part in detail.


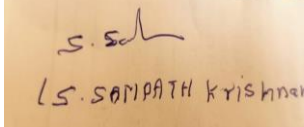

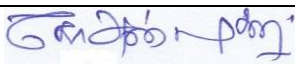
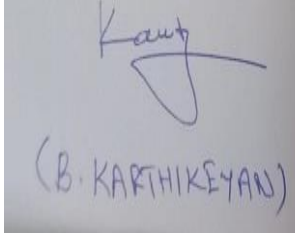
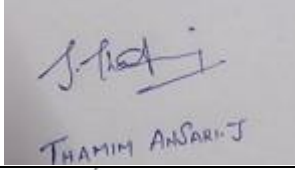

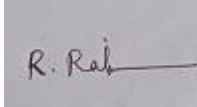
Note: All the above suggestions given by the BOS members have been taken care of and included in the Syllabus. .

CERTIFICATE

The UG (B.E/ B.TECH) Syllabus of the courses offered by the Department of Physics, S.A.Engineering College (Autonomous-Affiliated to Anna university), Chennai for 2020-2021 admission onwards, has been ratified by the Board of Studies of Physics which held on 14 /08/2020 at 10am through **online** mode via Google meet.

Google Meet credentials: meet.google.com/wum-ikgf-rbo on 14.08.2020 from 10.00AM onwards.

Members Present:

S.NO	NAME & ADDRESS	ROLE/ DESIGNATION	SIGNATURE
1.	Dr.R.Hariharasuthan Department of Humanities and Science S.A.Engineering college	Chairperson/ Professor & Head,	
2.	Dr. S.Sampathkrishnan. Department of Applied Physics, Sri Venkateswara College of Engineering, Sriperumbadur Taluk-602 117 .	University Nominee/ Professor ,	
3.	Dr. A.Bhaskaran, Department of Applied Physics, Sri Venkateswara College of Engineering, Sriperumbadur Taluk-602 117 .	Subject Expert/ Professor & Head,	
4.	Dr. G. Anbalagan, Department of Nuclear Physics University of Madras, Chennai 600 005.	Subject Expert/ Professor,	
5.	Mr.B.Karthikeyan. Senior Manager-Quality, Flextronics Technologies India Pvt,Ltd. Padur Road, Kuthambakkam village,Thiruvallur-602 107	Representative from Industry,	
6.	Mr.J.Thamim Ansari, Quality Engineer, Flextronics Technologies India Pvt, Ltd.. Padur Road, Kuthambakkam village,Thiruvallur-602 107	Meritorious Alumnus/ Software Specialist	
7.	Mrs. A. Chandravadhana Department of Physics, S.A. Engineering College, Chennai-77.	Member /Associate Professor,	
8.	Mr. R.Raja Department of Physics, S.A. Engineering College, Chennai-77.	Member/Assistant Professor	

9.	Mr. R. Ganesan Department of Physics, S.A. Engineering College, Chennai-77.	Member /Assistant Professor	<i>R. Ganesan</i>
----	--	--------------------------------	-------------------