

SRI VENKATESWARA COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated to Anna University, Chennai-25)

Board of Studies: Science and Humanities
Minutes of the meeting

SVCE/AUT/SH/2021-2022/01

Date: 13.09.2021

Minutes of the meeting of Board of Studies for Science and Humanities held on 13th September 2021 (Monday) at 11.00 am to 12.30 pm

Venue : Room No. *Through Google Meet*

The Board of Studies of Science and Humanities of Sri Venkateswara College of Engineering, met on 13th September 2021 (Monday) at 11.00 am to 12.30 pm. The following members were present:

University Nominee

Prof. V Gnanaraj, Professor, Department of Mathematics,
Thiagarajar College of Engineering, Madurai

Department of Humanities and Social Science (HSS)

Prof.S. Soundiraraj, Professor, Department of English, Anna University, Chennai.

Prof. T Murugavel, Professor and Head, Department of HSS, SVCE.

Dr. Amutha Charu Sheela, Assistant Professor, Department of HSS, SVCE

Department of Applied Mathematics (APM)

Prof. G Sethuraman, Professor and Head, Department of Mathematics, Anna University, Chennai.

Dr B Thilaka, Professor and Deputy COE, Department of APM, SVCE.

Department of Applied Physics (APH)

Dr. K. Venkataraman, Professor and Head, Department of Physics, SCVMV University, Kanchipuram.

Prof. A Bhaskaran, Professor and Head, Department of Applied Physics, SVCE

Prof. S Sampath Krishnan, Professor, Department of Applied Physics, SVCE.

Ms.G.Bharathy, Assistant Professor, Department of Applied Physics, SVCE.

(minutes recorder)

Department of Applied Chemistry (ACH)

Prof. N. Rajendran, Professor, Department of Chemistry and Director, Center for International

Affairs, Anna University

Prof. G. Devasgayam, Professor and Head, Department of Applied Chemistry, SVCE.

Prof. S Stanley, Associate Professor, Department of Applied Chemistry, SVCE.

Industry Representative

Mr. Amalan Alavandar, Urban Infrastructure & Renewable Energy Specialist & Director, Argine Solar Solutions Pvt. Ltd.

Special Invitee

Col. Jobee Philip, officer commanding, 1 (TN) Composite Technical Company NCC, Anna University, Chennai.

Dr. K. Pitchandi, Controller of Examinations, SVCE

Dr. K. Badrinathan, Dean (Education Development), SVCE

The Chair person welcomed all the members present in the Google Meet. The Chairperson explained the agenda to members of Board of Studies.

Mathematics

The members of the Committee discussed the following **Curricula of Mathematics** to be offered in R22 regulation.

COURSE CODE	COURSE TITLE	DEPT.
LIST OF FIRST SEMESTER PG PAPERS		
MAXXXXX	Mathematical and Statistical Methods in Chemical Engineering	CHE
MAXXXXX	Mathematical Foundations For Information security	IT
MAXXXXX	Advanced Numerical Methods	Mechatronics, (MEC)
MAXXXXX	Mathematics for Biotechnology	Bio-Tech
MAXXXXX	Advanced Engineering Mathematics	Industrial Automation & Robotics (MEC)
MAXXXXX	Applied Mathematics For Engineers	Common to PED & Communication systems (EEE &ECE)
MAXXXXX	Mathematical Foundations for Computer Science Engineering	Common to CSE & IT

LIST OF FIRST YEAR UG PAPERS		
MAXXXXX	Mathematics- I	Common to all except Marine Engg.
MAXXXXX	Mathematics For Marine Engineering-I	MAR
MAXXXXX	Mathematics –II	Common to all except Marine Engg.
MAXXXXX	Algebra for Data Science	AI&DS
MAXXXXX	Mathematics for Marine Engineering-II	MAR

Physics

The Board Chairman and the Head of Applied Physics Vividly explained the First and Semester Curriculum and Syllabus for R22 regulations of Applied Physics Department.

As per the model curriculum given by AICTE, a theory paper titled, “Introduction to NCC for Engineers” is introduced as General elective paper and discussion were made on the syllabus to include certain topics and the members appreciated the syllabus.

University Nominee, Special Invitee Col. Jobee Philip appreciated and applauded the contents of the syllabus for “Introduction to NCC for Engineers”

As a general comment Mr. Amalan Alavandar suggested to include subtopics in the units Pertaining to Tamil syllabus which is to be included as Open Elective.

List of syllabi presented by HoD Applied Physics are approved by the BoS:

First semester	Second semester
PH221XX Applied Physics [EEE,ECE,CSE,INT,AD]	PH222XX Physics for Biotechnologist [BIO]
PH221XX Engineering Physics [AUT,MEC,MAR,CVE]	PH222XX Physics of Materials [EEE, ECE]
PH221XX Technical Physics [BIO, CHE]	PH222XX Engineering Materials [AUT, MEC]
PH221XX Physics Laboratory [CVE,CHE, CSE, AD, ECE, INT,MEC]	PH221XX Physics Laboratory [AUT, EEE,MAR]
MC22XXX Indian Constitution and Society [Mandatory course]	
GE22XXX Introduction of NCC to Engineers [General Elective]	
OE 22XXX தொழில் நுட்பத்தில் தமிழ் [Open Elective]	

Dean (Education Development) presented the following syllabus which will be offered by the external expert. This was approved by BoS.

SE18010 - ADVANCED MATHEMATICS FOR AI & ML

Chemistry

Head of Applied Chemistry discussed the **Curricula of Applied Chemistry** for R22 regulation and the members suggested certain changes in the name of the paper.

S. No.	Course Title	Semester	Branches
1	Applied Chemistry	1	CSE, EEE, ECE, INT & AIDS
2	Engineering Chemistry	1	AUT & MEC
3	Technical Chemistry	1	BIO, CHE & CVE
4	Chemistry for Marine Engineers	1	MAR
5	Chemistry Laboratory	1	All branches except EEE
6	Environmental Science and Engineering	2	All branches
7	Chemistry for Technologists	2	CHE
8	Chemistry Laboratory	2	EEE
9	Applied Chemistry Laboratory	2	CHE

English

Head of the department of English presented the revised syllabi for R22 regulations. BoS members discussed the changes to be included in the syllabus in R22 regulations and the syllabi was approved by BoS.

First semester	Second semester
Communicative English	Technical English

The HoD HSS also stated that it was proposed to have a paper for the lateral entry students which they would learn in their third semester. This paper will be an open elective and it will be a combination of the Communicative and Technical English. The syllabus will be presented to the Board in the next meeting for their perusal and approval. The Department is also providing a Course in German language for the students of Automobile and Mechanical Engineering. Mr Amalan welcomed this suggestion and also added that courses in Spanish French might also be offered.

At the end of the meeting, Chairman of BoS thanked the University nominee, external experts and internal members of the BoS for attending and discussing the curriculum and syllabi presented in the S and H board.

The Curriculum and syllabi for various subjects listed above were recommended for the formal approval by Academic Council.



(Dr. A. Bhaskaran)

Chairman
S and H Board