

SIDDHARTHA ACADEMY OF HIGHER EDUCATION
Deemed to be University
V R SCHOOL OF ENGINEERING
Department of Electronics & Instrumentation Engineering

Date: 08-03-2025

To
The Registrar
Siddhartha Academy of Higher Education
Deemed to be University
Vijayawada - 520 007

Minutes of BOS Meeting

Dr. G.N.Swamy, Professor and Head of EIE department, chaired the meeting and extended a warm welcome to the members present.

Venue: HOD chamber, EIE Department

Members present

1	Dr.G.N.Swamy Professor & Head of the Department	Chair person
2	Dr P.Srinivas Associate Professor	Member
3	Dr C.S.S.Anupama Associate Professor	Member
4	Sri. V.N. Prudhvi Raj Associate Professor	Member
5	Dr A.Suma Latha Assistant Professor	Member
6	Dr P. Durga Prasada Rao Assistant Professor	Member
7	Dr Venkata Lakshmi Narayana Komanapalli (External Expert -1 Co-opted for specialised knowledge) Professor, Department of Instrumentation School of Electrical Engineering, Vellore Institute of Technology (VIT), Vellore-632014	Member
8	Sri T. Kamal Kumar (External Expert -2 Co-opted for specialised knowledge) Deputy General Manager (DGM) Control & Instrumentation BHEL, Hyderabad	Member

Agenda:

1. To approve the SU24 curriculum course structure
2. To finalize the courses for 3rd and 4th semesters
3. To approve the detailed syllabus of 3rd semester courses
4. To finalize transitory regulations from VR23 to SU24, detailing the additional subjects to be taken and exempted, and the required credits up to the second year
5. Any other matter with the permission of the chair

The following recommendations are made

Agenda 1: To approve the SU24 curriculum course structure

Resolution:

The Board of Studies approved the SU24 curriculum course structure

Category	No of Courses	Credits
Basic Science	8	22
Engineering Science	10	25
Professional Core	16	47
Professional Core Lab	8	11.5
Professional Elective	4	12
Open Elective	2	6
Interdisciplinary Elective	2	6
Humanities Elective	2	6
Project	4	14
Humanities and Social Science	4	7.5
Mandatory Courses	7	3
Total	67	160

Agenda 2: To finalize the courses for 3rd and 4th semesters

Resolution

The Board of Studies approved the following courses for SU24 - 3rd and 4th semesters.

II Year – III Semester

- Complex Analysis and Transform Techniques
- Electronics Devices & Circuits
- Electrical & Electronic Measurements
- Digital Electronics

- Sensors and Transducers
- Measurements Lab
- Electronics Devices & Circuits Lab
- Logic and Reasoning
- Universal Human Values-II

II Year- Semester IV

- Control Systems
- Signals & Systems
- Industrial Instrumentation
- Linear Integrated Circuits
- Microprocessors and Interfacing
- Transducers Lab
- Linear Integrated Circuits Lab
- Microprocessors and Interfacing Lab
- English for Professionals
- Professional Ethics

Agenda 3: To approve the detailed syllabus of SU24- 3rd Semester Courses

Resolution:

1. SU24 curriculum, III Semester courses syllabus is approved
2. Suggested to include text books and reference books with latest editions for all the courses
3. In 24EI201- Electronics Devices & Circuits course, suggested to add “Transistor as a switch”, “PIN Diode”, “LASER Diode”, IMPATT Diode” topics.
4. In 24EI201- Electronics Devices & Circuits course, suggested to replace text book “Electronic Devices and Circuits by G.K.Mithal”, with “Electronic Circuits and Systems by Ryder, John Douglas”.
5. In “24EI203- Digital Electronics”, course syllabus it was suggested to include a list of experiments to be conducted.
6. In “24EI204 - Sensors and Transducers”, suggested introducing subtopic titles as Resistive, Inductive, Capacitive and Special Sensors.
7. In 24EI204- Sensors and Transducers, suggested to include “Sensor and Signal Conditioning by Roman Pallas Areny and John G Webster: as a reference book.

Agenda 4: To finalize transitory regulations from VR23 to SU24, detailing the additional subjects to be taken and exempted, and the required credits up to the second year

Resolution:

1. Transitory regulations from VR23 to SU24 is approved

Studied upto VR23 Regulations	Joined in SU24 Regulations	Exempted Subjects in SU24 Regulations (along with subject code & name)	Additional Subjects to be studied in SU24 Regulations (along with subject code & name)	Credits
I – Semester	II – Semester	24IT101 Programming using C	24BY101 Biology for Engineers 24CS101 Problem solving with Python	3 4.5
II – Semester	III – Semester	24EI201 Electronics Devices & Circuits(3) 24EI282 Electronics Devices & Circuits Lab (1.5)	24BY101 Biology for Engineers 24CS101 Problem solving with Python 24UC 181 Design Thinking 24UC182 AI Tools and Applications 24UC101 Essence of Indian Knowledge tradition	3 4.5 1 1 -
III – Semester	IV – Semester	24EI206 Analog Electronics (3) 24EI283 Transducers Lab (1.5)	24BY101 Biology for Engineers 24CS101 Problem solving with Python 24UC 181 Design Thinking 24UC182 AI Tools and Applications 24UC101 Essence of Indian Knowledge tradition 24EI206 Signals and Systems(3) 24EC202 Electrical & Electronic Measurements 24EC281 Measurements Lab	3 4.5 1 1 - 3 3 1.5

(Dr.G.N.Swamy)

Professor & HOD,
Department of EIE

You have extensions installed that may affect the quality of your call

JALAL G (Jallu) (You, presenting) Stop presenting

Transitory Details of subjects from VR23 Regulation to SU24 Regulation (upto IV semester)

S.No	Subject Name	VR23 Regulation	SU24 Regulation	Credits
1	Engineering Mathematics - I	VR23 Regulation	SU24 Regulation	3
2	Engineering Mathematics - II	VR23 Regulation	SU24 Regulation	3
3	Engineering Mathematics - III	VR23 Regulation	SU24 Regulation	3
4	Engineering Mathematics - IV	VR23 Regulation	SU24 Regulation	3
5	Engineering Mathematics - V	VR23 Regulation	SU24 Regulation	3
6	Engineering Mathematics - VI	VR23 Regulation	SU24 Regulation	3
7	Engineering Mathematics - VII	VR23 Regulation	SU24 Regulation	3
8	Engineering Mathematics - VIII	VR23 Regulation	SU24 Regulation	3
9	Engineering Mathematics - IX	VR23 Regulation	SU24 Regulation	3
10	Engineering Mathematics - X	VR23 Regulation	SU24 Regulation	3
11	Engineering Mathematics - XI	VR23 Regulation	SU24 Regulation	3
12	Engineering Mathematics - XII	VR23 Regulation	SU24 Regulation	3
13	Engineering Mathematics - XIII	VR23 Regulation	SU24 Regulation	3
14	Engineering Mathematics - XIV	VR23 Regulation	SU24 Regulation	3
15	Engineering Mathematics - XV	VR23 Regulation	SU24 Regulation	3
16	Engineering Mathematics - XVI	VR23 Regulation	SU24 Regulation	3
17	Engineering Mathematics - XVII	VR23 Regulation	SU24 Regulation	3
18	Engineering Mathematics - XVIII	VR23 Regulation	SU24 Regulation	3
19	Engineering Mathematics - XIX	VR23 Regulation	SU24 Regulation	3
20	Engineering Mathematics - XX	VR23 Regulation	SU24 Regulation	3

9:53 AM | zzz-uoor-gnc

5. Any other matter with the permission of the chair

10:56 AM | zzz-uoor-gnc

(Dr.G.N.Swamy)
 Professor & HOD,
 Department of EIE