



ST.ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution)

Bypass Road, Nayunipalli, Chirala, Bapatla District-523187

Accredited by NAAC With 'A' Grade | Accredited by NBA | Approved by AICTE | Permanently Affiliated to JNTUK |
Recognized by UGC U/S 2(f) & 12(B) | Approved with 'A' Grade by Andhra Pradesh State Government | Permanently Accredited by IE(I)

March 8th, 2023

Minutes of Meeting of 2nd Board of Studies – EEE Department

(as per notice 2022-23/ENGLISH/BOS/01 dated 20 Feb, 2023)

Agenda Items 2023/EEE/BOS-2 (08-03-2023):

1.1	Welcome of the members & invitees of the BOS Meeting of EEE Department
1.2	Address by the Chairman of the BOS, SACET
1.3	To confirm the minutes of the previous BOS Meeting
1.4	To report the actions taken on the recommendations of the previous BOS Meeting
1.5	To present the draft course structure of the EEE subjects of UG II Year – I & II Semesters for the 2022 admitted batch (Autonomous) and PG II Year – I & II Semesters for the 2022 admitted batch(Autonomous) for discussion and finalizations after due changes suggested
1.6	To present the draft syllabus of the EEE subjects of UG II Year – I & II Semesters for the 2022 admitted batch (Autonomous) and PG II Year – I & II Semesters for the 2022 admitted batch(Autonomous) for discussion and finalizations after due changes suggested
1.7	To finalize the Subject Experts for Question papers preparation, External Labs and For Spot Evaluation of Semester End Examination (SEE)
1.8	Any other item with the permission of the Chair

Proceedings:

The First Board of studies meeting of Department Of EEE for I year was conducted on 18/03/2022 through online mode and the second meeting was conducted on 08/03/2023 in offline mode.

The following members of BOS.

S. No.	Name of the Member	Designation	Affiliation	Constitution
1	Dr. SVD Anil Kumar	HOD - EEE	Professor, EEE Dept SACET-Chirala	Chairman
2	Dr.S. Siva Naga Raju	One expert nominated by the Vice-Chancellor - JNTUK	University Representative	Member
3	Dr.N.Karthik	Subject expert from outside the Parent University	Subject expert from outside of the Parent University	Member
4	Dr. Ch.Santhan Kumar	Subject expert from outside the Parent University	Subject expert from outside of the Parent University	Member
5	Venkata Jayakrishna Padarathi	Industry Expert	Industry Expert	Member
6	Aarnav Saaketh K S	Meritorious PG Alumni	Meritorious PG Alumni	Member
7	Dr.G.Kaladhar	Dept. Subject Expert	SACET-Chirala	Member
8	Dr. T. Narasimha Prasad	Dept. Subject Expert	SACET-Chirala	Member
9	Y. Narayana Rao	Dept. Subject Expert	SACET-Chirala	Member
10	NV Koteswara Rao	Dept. Subject Expert	SACET-Chirala	Member
11	N. Ravi Kiran	Dept. Subject Expert	SACET-Chirala	Member
12	L.V. Mahesh Babu	Dept. Subject Expert	SACET-Chirala	Member
13	K. Naveen Kumar	Dept. Subject Expert	SACET-Chirala	Member
14	K.Lakshmi Triveni	Dept. Subject Expert	SACET-Chirala	Member
15	G.Manikya Rao	Dept. Subject Expert	SACET-Chirala	Member

THE MINUTES:

R22/02/01 : The honorable BOS committee ,as a part of the BOS meeting protocol, briefed the guide lines to be conformed to , as directed by the AICTE, APCHE,UGC and JNTUK.

R22/02/02 : The Subject experts of various courses are advised to confine to the above guide lines while balancing the students benefits, institutional / departmental vision – mission as well as the B.tech EEE programme educational objects (PEO's) and program outcomes(Po's).

R22/02/03 : Later each course syllabus presented on the screen by the projector to all members in the meeting. All the conversation and discussion of all BOS members has been recorded under the suggestions by the honorable external BOS members and also we handover the draft course structure to the external BOS members to discuss and finalize after due changes suggested.

R22/02/04 :

Discussion: At first chairman of BOS reminded the curriculum of I B.tech EEE ,which was held in first BOS meeting. Once again External BOS members reviewed the curriculum of the first year, after long conversation and discussion with subject experts of computer science engineering department, they suggested to replace Python Programming with Data Structure in the curriculum.

Resolution: In I-II, Data structures Subject and Data Structures Lab is replaced with Python Programming Subject and Python Programming Lab.

BOS Chairman presented the Draft Course Structure and Syllabus on the Screen.

R22/02/05 :

Discussion: Electro Magnetic fields: Syllabus contents are not in a proper sequence and suggest to add some more important concepts.

Resolution: Contents of the Electro Magnetic Field course are rearranged as per the guide lines of subject experts and BOS committee and also added some concepts and numerical problems, which are useful for further upcoming courses, deleted some syllabus contents which are not that much advantages to the students.

R22/02/06 :

Discussion: 'Electrical Power Generation' Title is not suitable for the course contents, After discussion with subject experts and based on the contents in the syllabus the title of the course is modified as Power Systems –I

Resolution: BOS Modified the Course Name as Power Systems – I, and Finalized the syllabus

R22/02/07 :

Discussion: DC Machines & Transformers: Rearrangement of syllabus contents.

Resolution: BOS satisfied with the course contents and title of the course, and rearranged the syllabus contents to strengthen the unit weightage

R22/02/08 :

Discussion: 'Electrical Power Transmission' Title is not suitable for the course contents, After discussion with subject experts and based on the contents in the syllabus the title of the course is modified as Power Systems –II

Resolution: BOS Modified the Course Name as Power Systems – II, and Finalized the syllabus.

R22/02/09 :

Discussion: 'Digital Logic Design' Title is not opt for the course contents, After discussion with HOD of department of Electronics & Communication Engineering and based on the contents in the syllabus, BOS Suggested to change the title of the course.

Resolution: BOS Modified the Course Name as Switching theory and Logic Design, and finalized the syllabus.

R22/02/10 :

Discussion: Control systems: Syllabus contents are not in a proper sequence, Contents in the Control systems are rearranged.

Resolution: As per the guide lines of BOS committee, the course contents are modified to strengthen the unit weightage and finalized the syllabus

R22/02/11 :

Discussion: BOS Committee discussed with Lab In-charge and subject expert about availability of equipment and content covered in the course, they changed the experiments in the syllabus of DC Machines & Transformers Lab, and changed some of the experiments.

Resolution: As per the guide lines of BOS committee, the course contents are modified and finalized the number of experiments.

R22/02/12 :

Discussion: BOS Committee discussed M.Tech(Power Systems) II Year I & II Sem Course Structure and Syllabus

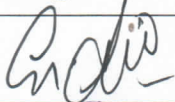
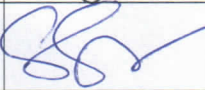
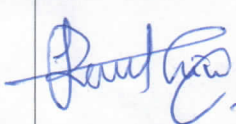
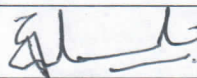

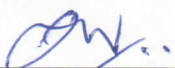
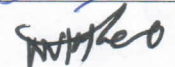

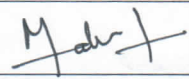

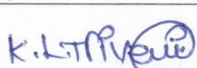
Resolution: As per BOS committee recommendations, the course Structure and Syllabus of M.Tech(Power Systems) II Year I & II Sem are modified and finalized.

R22/02/12 :

Discussion: BOS Committee Reviewed the Subject Experts for Question papers preparation, External Labs and for Spot Evaluation of Semester End Examination.

Resolution: As per BOS committee recommendations, the list of Subject Exerts are finalized.

After all these modifications and Resolutions, External BOS members reviewed all courses marks and credit balancing.

S. No	Name of the Member	Designation	Affiliation	Constitution	Signature
1	Dr. SVD Anil Kumar	HOD-EEE	SACET-Chirala	BOS-Chair	
2	Dr.S. Siva Naga Raju	External Member	University Representative	Member	
3	Dr.N.Karthik	External Member	Asso.Prof, EEE Dept. Bapatla Engineering College, Bapatla	Member	
4	Dr. Ch.Santhan Kumar	External Member	Associate Professor & Head, EEE Dept, Lords Institute of Engg. & Technology (Autonomous), Hyderabad	Member	
5	Venkata Jayakrishna Padartha	External Member (Industry Expert)	FLSmidth India private limited, Manager - Electrical and Instrumentation CHENNAI	Member	
6	Dr.G.Kaladhar	Internal Member	SACET-Chirala	Member	
7	Dr. T. Narasimha Prasad	Internal Member	SACET-Chirala	Member	
8	Y. Narayana Rao	Internal Member	SACET-Chirala	Member	
9	NV Koteswara Rao	Internal Member	SACET-Chirala	Member	
10	N. Ravi Kiran	Internal Member	SACET-Chirala	Member	
11	L. Mahesh Babu	Internal Member	SACET-Chirala	Member	
12	K. Naveen Babu	Internal Member	SACET-Chirala	Member	
13	K.Lakshmi Triveni	Internal Member	SACET-Chirala	Member	
14	AarnavSaaketh K S	External Member Alumni Representative	Manager - Supply Chain, ITC Limited, Bengaluru	Member	

JNTUK Code: F0

**NAAC 'A' Grade – 1st Cycle
NAAC 'A' Grade – 2nd Cycle
Valid upto Dec. 2027**



Counseling Code : ANSN

**Recognized Under Section
2(f) & 12(B) of Ugc Act, 1956**

**St. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY
AUTONOMOUS**

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada)

ACCREDITED BY NBA & INSTITUTION OF ENGINEERS (INDIA)

September 11th, 2022

Minutes of Meeting of 1st Board of Studies – EEE Department

(as per notice 2022-23/ENGLISH/BOS/01 dated 29th August, 2022)

Agenda Items 2022/EEE/BOS-1 (09-09-2022):

1.1	Welcome of the members & invitees of the BOS Meeting of EEE Department
1.2	Address by the Chairman of the BOS, SACET
1.3	To confirm the minutes of the previous BOS Meeting - NA since this is the first one
1.4	To report the actions taken on the recommendations of the previous BOS Meeting - NA(since this is the first one)
1.5	To present the draft course structure of the EEE subjects of UG I Year – I & II Semesters for the 2022 admitted batch (Autonomous) and PG I Year – I & II Semesters for the 2022 admitted batch(Autonomous) for discussion and finalizations after due changes suggested
1.6	To present the draft syllabus of the EEE subjects of UG I Year – I & II Semesters for the 2022 admitted batch (Autonomous) and PG I Year – I & II Semesters for the 2022 admitted batch(Autonomous) for discussion and finalizations after due changes suggested
1.7	To finalize the evaluation procedures of the Continuous Internal Evaluation (CIE) and Semester End Examination (SEE)
1.8	Any other item with the permission of the Chair

Proceedings:

The first Board of Studies (BOS) meeting of the department of EEE was conducted on 09.09.2020 through online mode (TEAMS) at 11.00 AM (IST).

Meeting Link:

[https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3a787795730d44405e965195dd24ad7018%40thread.tacv2/1662631428857?context=%7b%22Tid%22%3a%227f4e2ba3-67b1-4ce0-9cac-a0e50dc25e26%22%2c%22Oid%22%3a%2274261698-7193-44f8-8c86-ee268ec2fd0e%22%7d)

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The following members of BOS.

S. No.	Name of the Member	Designation	Affiliation	Constitution
1	Dr. SVD Anil Kumar	HOD - EEE	Professor, SACET-Chirala	Chairman
2	Dr.S. Siva Naga Raju	One expert nominated by the Vice-Chancellor - JNTUK	University Representative	Member
3	Dr.N.Karthik	Subject expert from outside the Parent University	Subject expert from outside the Parent University	Member
4	Dr. Ch.Santhan Kumar	Subject expert from outside the Parent University	Subject expert from outside the Parent University	Member
5	Venkata Jayakrishna Padarathi	Industry Expert	Industry Expert	Member
6	AarnavSaaketh K S	Meritorious PG Alumni	Meritorious PG Alumni	Member
7	Dr.G.Kaladhar	Dept. Subject Expert	SACET-Chirala	Member
8	Y. Narayana Rao	Dept. Subject Expert	SACET-Chirala	Member
9	NV Koteswara Rao	Dept. Subject Expert	SACET-Chirala	Member
10	N. Ravi Kiran	Dept. Subject Expert	SACET-Chirala	Member

THE MINUTES:

Agenda Item 1.1: Welcome of the members & invitees of the BOS Meeting of EEE Department

Dr. SVD Anil Kumar, Chairman of BOS started the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

Agenda Item 1.2: Address by the Chairman of the CSE - BOS, SACET

Dr. SVD Anil Kumar, Chairman of Bos Addressed the highlights of EEE department to external BOS members. Dr. SVD Anil Kumar addressed the Overview of the Institution/Department, Courses offered in the institution, Student and Faculty strength and also about the growth and development of the Institution/Department.

Agenda Item 1.3: To confirm the minutes of the previous BOS Meeting

NA since this is the first one

Agenda Item 1.4: To report the actions taken on the recommendations of the previous BOS Meeting

NA since this is the first one

Agenda Item 1.5: To present the draft course structure of the UG and PG I Year – I & II Semesters for the 2022 admitted batch (Autonomous) for discussion and finalizations after due changes suggested.

Dr. SVD Anil Kumar presented the draft course structure of the UG and PG I Year -I & II semesters for the 2022 admitted batch for discussion and finalizations

- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, suggested to replace the I-I theory subject Applied Chemistry (3 credits) with Core Engineering subject ECA-I (3 credits) for creating more knowledge of Electrical Engineering in first year. The BOS members are unanimously accepted the proposal.
- Dr. N.Karthik, Assoc.Prof, EEE Dept, Bapatla Engineering College, suggested to follow Revised Blooms Taxonomy
- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, advised to follow the curriculum of JNTUK, AICTE & APSCHE while framing course structure and enquired about scheme of evaluation.
- Dr. Ch.Santhan Kumar, HOD-EEE, Lords College(Autonomous), Hyderabad, suggested to modify the syllabus in ECA-II(UG Second Semester) as per the importance and latest Technologies.
- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, suggested to keep the syllabus order as per the standard Text books for the better convenience of the students.
- Dr. Ch.Santhan Kumar, HOD-EEE, Lords College(Autonomous), Hyderabad, suggested to include Battery Energy Storage Technology Concepts in Core Subjects which are very useful for Hybid Electric Vehicles.

- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, suggested to interchange the Subject 'Analysis of Power Electronic Converters' to 'Hybrid Electric Vehicles' as Professional Core Subject to get more knowledge in latest Electric Vehicle Technology in M.Tech I Semester
- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, suggested to interchange the Subject 'Real Time Control of Power Systems' to 'Flexible AC Transmission Systems' as Professional Core Subject to get more knowledge in latest FACTS Technology in M.Tech II Semester
- Dr. N.Karthik, Assoc.Prof, EEE Dept, Bapatla Engineering College, suggested to include Relay Based Experiments in PG II Sem Power System Laboratory.
- Dr. S. Sivanagaraju Professor, Dept. of EEE and Director, Foreign Universities Relations, JNTUK, Kakinada, suggested to keep the Computer related Subjects in each semester upto 3-2 and all BOS Members are accepted for the Proposal.
- Dr. N.Karthik, Assoc.Prof, EEE Dept, Bapatla Engineering College, suggested to include Electrical Circuits Lab in UG II Semester and members are accepted after due discussion.

Based on the suggestions given by the members, the Chairman of BOS said that those fruitful suggestions would be incorporated appropriately in the Curriculum.

BOS resolved to recommend the draft course structure of the EEE UG and PG subjects of I Year – I & II Semesters for the 2022 admitted students to the Academic Council for further approval.

Agenda Item 1.6: To present the draft syllabus of the EEE subjects of UG and PG of I Year – I & II Semesters for the 2022 admitted batch (Autonomous) for discussion and finalizations after due changes suggested.

The chairman presented draft syllabus of EEE subjects of UG and PG I Year – I & II semesters to members. The members Reviewed the syllabus and resolved to approve the same with minor corrections.

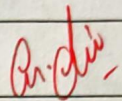
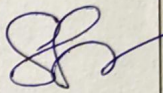
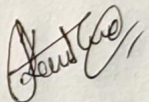
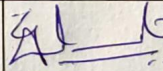
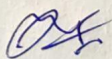
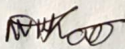
Agenda Item 1.7: To finalize the evaluation procedures of the Continuous Internal Evaluation (CIE) and Semester End Examination (SEE)

The Chairman presented the evaluation procedures of the Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) for **Theory** subjects CIE:30 Marks and SEE:70 Marks. For **Lab** CIE:15 Marks and SEE:35 Marks for UG and for PG I and II Semesters Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) for **Theory** subjects CIE:40 Marks and SEE:60 Marks. For **Lab** CIE:40 Marks and SEE:60 Marks and the members finalized the evaluation procedures.

Agenda Item 1.8: Any other item with the permission of the Chair

NIL

Dr. SVD Anil Kumar proposed the vote of thanks to all the external and internal BOS members and the meeting adjourned

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1	Dr. SVD Anil Kumar	HOD - EEE	Professor, SACET-Chirala	Chairman	
2	Dr.S. Siva Naga Raju	One expert nominated by the Vice-Chancellor - JNTUK	University Representative	Member	
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8	Y. Narayana Rao	Dept. Subject Expert	SACET-Chirala	Member	
9	NV Koteswara Rao	Dept. Subject Expert	SACET-Chirala	Member	
10	N. Ravi Kiran	Dept. Subject Expert	SACET-Chirala	Member	