Sant Dnyaneshwar Shikshan Sanstha's

Annasaheb Dange College of Engineering & Technology, Ashta

(An Autonomous Institute)

(Approved by AICTE, New Delhi, Govt. of Maharashtra, Affiliated to Shivaji University, Kolhapur)

- 'A++' Grade Institute Accredited by NAAC
- NBA Accredited courses
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Department of Electrical Engineering

MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

Minutes of the meeting of the **12th Board of Studies (BoS)** was held on **Friday 08/08/2025**, through the **online** mode, under the chairmanship of Dr. Suraj Deelip Pawar, Head of the Department. The chairman welcomed all members present for the meeting.

Link for the meeting	
Platform	**Microsoft Teams**
Meeting Link	https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTNiNjk2ZGYtNjYxOS00ODUxLTg3MTktM2VhN2IzYjM5MjY4%40thread.v2/0?context=%7b%22Tid%22%3a%22c6fe03c2-3afb-4565-b0de-b38a537665eb%22%2c%22Oid%22%3a%22283cdb35-36a2-4c95-a67c-aad53ba037df%22%7d
Recording Link	https://drive.google.com/file/d/19WGOfqBhqOYTv79MjkC2Qm1jJ2UXzxsm/view?usp=drive_link

Board of Studies

(Twelfth BoS Meeting, Friday, August 08, 2025)

Sr. No.	Name of Expert	Designation	Institute/University/Organization
1.	Dr. Suraj Deelip Pawar	Chairman (HoD)	HOD & Associate Professor, Department of Electrical Engineering, ADCET
2.	Dr. Sunil Keshav Patil	VC-Nominee	Principal, Government College of Engineering, Kolhapur.
3.	Dr. Surendra Bhosale,	Academic Expert-1	Associate Professor & Head, Department of Electrical Engineering VJTI, Mumbai.
4.	Dr. P. Somasundaram	Academic Expert-2	Professor, Department of Electrical & Electronics Engineering, CEG, Anna University, Chennai – 600025.
5.	Dr. Prashant G. Medewar	Industry Representative	Associate Lead Engineer Nexteer Automotive, Bangalore.
6.	Mr. Swapnil Sadamate	Alumni Representative	Assistant Engineer, MSEDEL Kavatepiran
7.	All Faculty	Members	Department of Electrical Engineering ADCET
8.	Dr.N.Vengadachalam	Member Secretary	Department of Electrical Engineering, ADCET

Agenda Items and Resolutions

<table>
<tr><td>Agenda Item No.1:</td><td>To confirm the minutes of meeting and action taken on the decisions of the BoS meeting held on 03 April 2025</td></tr>
<tr><td>Resolution No. 1:</td><td>The chairman of BoS, Dr. Suraj Deelip Pawar, informed the MoM of Eleventh BoS Meeting held on 03rd April 2025. All members went through the documents of MoM and confirmation has been done.</td></tr>
<tr><td>Agenda Item No.2:</td><td>To discuss and approve the structure of F. Y. B. Tech – Electrical Engineering - Revision 3</td></tr>
<tr><td>Resolution No. 2:</td><td>The R3 course structure for Electrical Engineering programme was presented to BoS members by Chairman Dr. Suraj Deelip Pawar. The course structure was approved by all members of Board of Study.</td></tr>
<tr><td>Agenda Item No.3:</td><td>To discuss and approve the course contents of F. Y. B. Tech – Electrical Engineering - Revision 3</td></tr>
<tr><td>Resolution No. 3:</td><td>The third revision (R3 NEP Compliant) course contents of semester 1 and semester 2 courses of Electrical Engineering programme was presented to BoS members. The discussion and suggestions given by BoS members for First Year B.Tech syllabus were noted as follows,
In the course Fundamentals of Electrical Engineering few essential network theorems, Basics of capacitors and numerical problems in AC circuits may be included. Types of batteries, motors and generators may be included in suitable units.
In the course Analog Electronics, self-study syllabus contents may be reduced.</td></tr>
<tr><td>Agenda Item No.4:</td><td>To discuss and approve the course contents of Electrical Engineering related courses for other departments - Revision 3</td></tr>
<tr><td>Resolution No. 4:</td><td>The third revision (R3 NEP Compliant) course contents of semester 1 and semester 2 Electrical courses of other Engineering programmes were presented to BoS members.
<table>
<tr><th>Sl. No</th><th>Department</th><th>Sub Code</th><th>Subject Name</th></tr>
<tr><td>1</td><td>IOT</td><td>2ICES111</td><td>Basic Electrical & Electronics Engineering</td></tr>
<tr><td>2</td><td>AIDS</td><td>2ADES112</td><td>Basic Electrical & Electronics Engineering</td></tr>
<tr><td>3</td><td>CSE</td><td>3CSES111</td><td>Basic Electrical and Electronics Engineering</td></tr>
<tr><td>4</td><td>MECH</td><td>3MEES104</td><td>Basic Electrical & Electronics Engineering</td></tr>
<tr><td>5</td><td>FT</td><td>2FTES114</td><td>Basic Electrical & Electronics Engineering</td></tr>
<tr><td>6</td><td>Robo</td><td>0RAES104</td><td>Basic Electrical & Electronics Engineering</td></tr>
<tr><td>7</td><td>Aero</td><td>3AEES112</td><td>Basic Electrical & Electronics Engineering</td></tr>
</table>
The discussion and suggestions given by BoS members were noted as follows,
In the course 2ADES112-Basic Electrical and Electronics Engineering, COs may be rechecked for appropriateness.
In the course 3CSES111-Basic Electrical and Electronics Engineering, fundamentals of AC & DC machines and UPS may be added. Superposition theorem instead of Kirchoff's laws may be added.
In the course 3MEES104-Basic Electrical & Electronics Engineering, fundamentals of AC & DC machines and applications of special purpose machines may be added.</td></tr>
</table>

	• In the course 0RAES104-Basic Electrical & Electronics Engineering, permanent magnet motors and servomotors may be added.
Agenda Item No.5:	To approve and recommend the Honor degree in E Mobility for 2024-2025 Batch.
Resolution No. 5:	The eligible students of 2024-2025 Batch were approved and recommended for Honor degree in E Mobility.
Agenda Item No.6:	To discuss about placement of students.
Resolution No. 6:	The placement statistics of 2024-2025 batch students were intimated to BoS members. The members appreciated the efforts of Electrical Engineering department faculties for the achievements in students placement.
Agenda Item No.7:	To discuss about Open elective -I and Open elective -III courses and their success rate of 2024-2025 batch students
Resolution No. 7:	Open elective -I cand Open elective -III courses and their success rate of 2024-2025 batch students were informed to BoS members. This was accepted by all BoS members.
Agenda Item No.8:	Any other item with the permission of chair
Resolution No. 8:	The BoS Chairman informed about academic performance and internship details of Academic year 2024-2025.

The concluding remarks on syllabus of B.Tech first year courses were given by the VC nominee Dr. Sunil Keshav Patil and academic experts Dr. Surendra Bhosale and Dr. P. Somasundaram. All BoS members appreciated the efforts of faculty members towards the preparation of syllabus for B.Tech first year Courses. Chairman ensured the BoS about the incorporation of the suggestions given and quality curriculum implementation. The Secretary-BoS, Dr.N.Vengadachalam coordinated the meeting and extended the vote-of-thanks to all BoS members and faculty members at the Department of Electrical Engineering. He also mentioned the efforts extended by non-teaching and supporting staff to conduct the meeting successfully.

Secretary-BoS

Dr.N.Vengadachalam

Chairman-BoS, HoD

Dr. Suraj Deelip Pawar

Annexure – I

Institute Guideline for Preparing the Structure

Department of Electrical Engineering											
B. Tech. Program in Electrical Engineering (176 Credits)											
Course Category		**I**	**II**	**III**	**IV**	**V**	**VI**	**VII**	**VIII**	**Total**	**ADCET**
Basic Science Course	BS	8	7	4	0	0	0	0	0	**19**	**16**
Engineering Science Course	ES	9	8	0	0	0	0	0	0	**17**	**18**
Programme Core Course	PC	0	4	12	11	12	7	6	0	**52**	**54**
Programme Elective Course	PE	0	0	0	0	3	4	7	6	**20**	**20**
Open Elective (other than particular program)	OE	0	0	0	2	2	2	0	0	**6**	**6**
Multidisciplinary Minor	MDM	0	0	2	3	3	3	3	0	**14**	**14**
Vocational and Skill Enhancement Course	VSEC	2	0	2	0	0	2	0	0	**6**	**6**
Humanities Social Science and Management	HSSM	2	0	3	5	1	2	0	0	**15**	**15**
Indian Knowledge System	IKS	0	2	0	0	0	0	0	0		
Value Education Course	VEC	0	0	0	0	0	0	0	0		
Research Methodology	RM	0	0	0	0	0	2	0	0	**19**	**19**
Experiential Learning (Internship, Project)	EL	0	0	0	0	1	0	4	12		
Community Engagement Activity (CEA)/Field Project	CEA	0	0	0	2	0	0	0	0	**2**	**2**
Co-curricular & Extracurricular Activities	CCA	1	1	0	0	0	0	0	0	**2**	**2**
Self Study	SS	0	0	0	0	0	2	2	0	**4**	**4**
Total		**21**	**23**	**23**	**23**	**22**	**24**	**22**	**18**	**176**	**176**

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Action taken on suggestions received in BOS Meeting held on 08/08/2025

S. No	Suggestions Received	Action Taken
1	In the course Fundamentals of Electrical Engineering few essential network theorems, Basics of capacitors and numerical problems in AC circuits may be included. Types of batteries, motors and generators may be included in suitable units.	Types of batteries, motors and generators were included in suitable places.
2	In the course Analog Electronics, self-study syllabus contents may be reduced.	In Analog Electronics, self-study syllabus contents was reduced to required level.
3	In the course 2ADES112-Basic Electrical and Electronics Engineering, COs may be rechecked for appropriateness.	Proper amendments were done in COs.
4	In the course 3CSES111-Basic Electrical and Electronics Engineering, fundamentals of AC & DC machines and UPS may be added. Superposition theorem instead of Kirchoff's laws may be added.	Fundamentals of AC & DC machines, Superposition theorem and UPS were added.
5	In the course 3MEES104-Basic Electrical & Electronics Engineering, fundamentals of AC & DC machines and applications of special purpose machines may be added.	Fundamentals of AC & DC machines and applications of special purpose machines were added in the suitable units of syllabus.
6	In the course 0RAES104-Basic Electrical & Electronics Engineering, permanent magnet motors and servomotors may be added.	The concept of permanent magnet motors and servomotors were added.

Secretary-BoS
Dr.N.Vengadachalam

Chairman-BoS, HoD
Dr. Suraj Deelip Pawar