



## *1.1.1: The Institution ensures effective curriculum delivery through a well-planned and documented process*

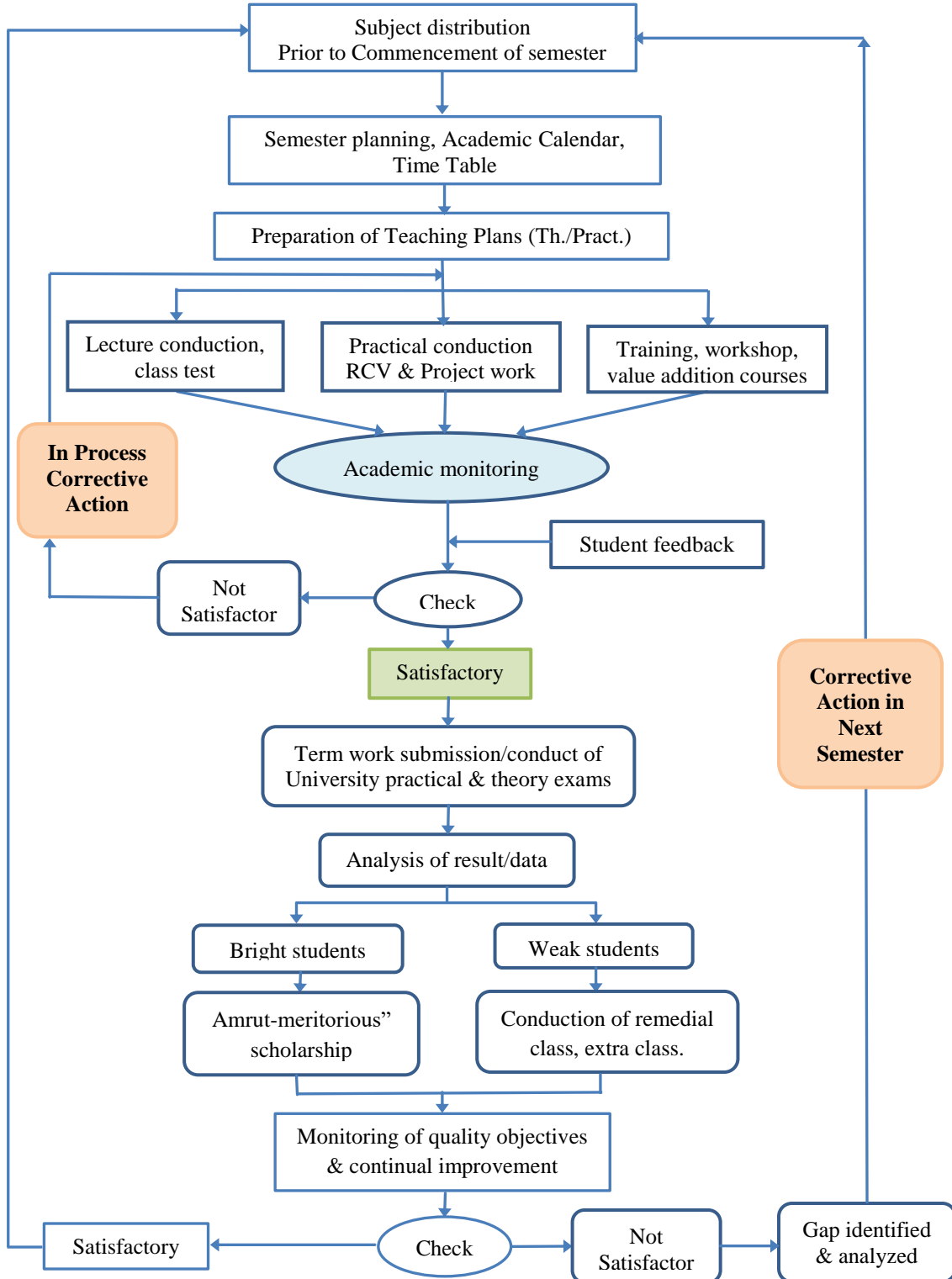
### **Additional information**

Flow chart shown in Fig 1.1.3, below represents processes to improve quality of **Teaching & Learning** which is the well planned and documented process to ensure the effective curriculum delivery. The index of documents along with the case study of department of Electrical Engineering is elaborated below.

Various document required for the effective implementation of curricular are prepared & preserved as listed below

<b>Sr.No.</b>	<b>Documents</b>	<b>File No</b>	<b>Place</b>
1.	Vision-Mission - Quality Objectives	-	
2.	Dissemination of Vision-Mission	-	
3.	Affiliation Letter of SRA and University	-	Principal Office
4.	Syllabus of All Program	-	Respective Department
5.	Academic Calendar Institute/Department (If Available)	ISO - 01	Principal Office
6.	Principal-HOD-Faculty Meeting Record	-	Principal Office
7.	Load Distribution Document	ISO - 01	Respective Department
8.	Time Table Record	ISO - 01	Respective Department
9.	Project Group and Guide Allocation Record	ISO - 10	Respective Department
10.	Continuous Internal Evaluation Scheme and its Components		Respective Department
11.	External oral/Practical Oral Examination Record		Respective Department
12.	University Exam Record		Exam Section
13.	Result Gazette		Exam Section
14.	Result Analysis Record	ISO - 06	Respective Department
15.	Next Semester Planning Meeting Minutes	-	Principal Office

Flow chart shown below represents a well-planned and documented process to ensure the effective curriculum delivery.



**Fig. 1.1.3: Flowchart of effective curriculum delivery**



## VISION

To create opportunities for rural students to become able engineers and technocrats through continual excellence in engineering education.

## MISSION

Our mission is to create self-disciplined, physically fit, mentally robust and morally strong engineers and technocrats with high degree of integrity and sense of purpose who are capable to meet challenges of ever advancing technology for the benefit of mankind and nature.

We, the management, the faculty and staff, therefore promise to strive hard and commit ourselves to achieve this objective through a continuous process of learning and appreciation of needs of time.

## QUALITY OBJECTIVES

- To strive hard for academic excellence & synergizing spiritual & moral values.
- To improve overall development of student.
- To enhance industry-institute interaction.
- To provide assistance for placement & entrepreneurship development.
- To promote and encourage R&D activities.



## Dissemination of Vision-Mission

- Principal's Office
- HOD's Cabin
- Faculty cabin
- College Website
- Laboratory
- Class room
- Notice Board
- Library
- Course File
- Lab Manual
- Brochure
- Magazine/News letters



## AICTE Approval Letter

**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



### APPROVAL PROCESS 2023-24

#### Extension of Approval (EOA)

F.No. Western/1-36452623348/2023/EOA

Date: 10-Jun-2023

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

**Sub: Extension of Approval for the Academic Year 2023-24**

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

<b>Permanent Id</b>	1-7576531	<b>Application Id</b>	1-36452623348
<b>Name of the Institution</b>	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	<b>Name of the Society/Trust</b>	AMRUTVAHINI SHETI & SHIKSHAN VIKAS SANSTHA SANGAMNER
<b>Institution Address</b>	AMRUTNAGAR, GHULWADI, SANGAMNER, DIST - AHMEDNAGAR, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608	<b>Society/Trust Address</b>	GHULEWADI, SANGAMNER, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608
<b>Institution Type</b>	Private-Self Financing	<b>Region</b>	Western
<b>Year of Establishment</b>	1983		

**To conduct following Courses with the Intake indicated below for the Academic Year 2023-24**

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE (AI) AND DATA SCIENCE	University of Pune, Pune	0	60##	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AUTOMATION AND ROBOTICS	University of Pune, Pune	60	60	No	No

Application No:1-36452623348

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Page 1 of 4

Note: This is a Computer generated Report. No signature is required.  
Printed By : ae861661

Letter Printed On:11 June 2023



# Amrutvahini College of Engineering, Sangamner

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	University of Pune, Pune	120	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING	University of Pune, Pune	120	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	University of Pune, Pune	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMPUTER ENGINEERING	University of Pune, Pune	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	University of Pune, Pune	60	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	University of Pune, Pune	60	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	University of Pune, Pune	120	120	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	DESIGN ENGINEERING	University of Pune, Pune	6	6	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	STRUCTURAL DESIGN	University of Pune, Pune	18	12	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING	University of Pune, Pune	6	6	No	No
POST GRADUATE	MANAGEMENT	MBA	University of Pune, Pune	60	60	No	No



# Amrutvahini College of Engineering, Sangamner

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
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## Approved New Course(s)

#### Course(s) Applied for Closure by the Institution for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (Univ/Body)	Course Closure Status	Intake Approved for 2023-24
POST GRADUATE	ENGINEERING AND TECHNOLOGY	MICROWAVES	University of Pune, Pune	Approved	0

It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)

### Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No. 17869- 17870 /2017.



# Amrutvahini College of Engineering, Sangamner

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Prof.Rajive Kumar  
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education\*\***, Maharashtra
2. **The Registrar\*\***,  
University Of Pune, Pune
3. **The Principal / Director**,  
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER  
Amrutnagar, Ghulwadi, Sangamner , Dist - Ahmednagar,  
Sangamner,Ahmednagar,  
Maharashtra,422608
4. **The Secretary / Chairman**,  
GHULEWADI, SANGAMNER  
SANGAMNER,AHMEDNAGAR  
Maharashtra,422608
5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

*This is a computer generated Statement. No signature Required*



# Amrutvahini College of Engineering, Sangamner

## SPPU affiliation letter-

सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :  
०२०-२५६९१२३३  
२५६०१२५७  
२५६०१२५८  
२५६०१२५९

शैक्षणिक विभाग  
गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'  
फॅक्स : ०२०-२५६९१२३३  
वेबसाइट : www.unipune.ac.in  
ई-मेल : affiliation@pun.unipune.ac.in

200800101

संदर्भ क्र.:सीए/५३१

दि.:५ ऑगस्ट, २०२०

प्रति,  
मा. प्राचार्य,  
अमृतवाहिनी शेती व शिक्षण विकास संस्था अमृतवाहिनी  
इंजिनियरिंग कॉलेज पत्ता: संगमनेर एस के ता.: संगमनेर जि:  
अहमदनगर पिनकोड: 422608  
[CEGA016260]

विषय:- शैक्षणिक वर्ष २०२०-२०२१, या वर्षाकरिता संलग्निकाणाचे नूतनीकरण / नैसर्गिकवाढीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०२०-२०२१, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्निकाणाच्या नूतनीकरणास / नैसर्गिकवाढीस महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ तसेच अखिल भारतीय तंत्रशिक्षण परिषद/विद्यापीठ अनुदान आयोग/संबंधित शिखर संस्था/परिषद/नियामक मंडळ इ.तसेच केंद्र शासन, महाराष्ट्र शासन आणि सावित्रीबाई फुले पुणे विद्यापीठ यांचेकडून वेळोवेळी विहित करण्यात आलेल्या आणि येणा-या नियम/आदेश/मार्गदर्शक तत्वे/परिनियम/अध्यादेश इ.तरतूदीनुसार तसेच संबंधित अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या त्याचप्रमाणे संबंधित स्वयं मूल्यमापन व त्रुटी पूर्तता अहवालांच्या छाननी व तपासणीअंतीच्या अटी व शर्तीची विहित मुदतीत पूर्तता करण्याच्या अधीन राहून परवानगी देण्यात येत आहे.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथमपाळी/द्वितीय पाळी (लागू असल्यास)	संलग्निकाणाचा प्रकार
1	एम.इ. (इ अॅण्ड टीसी) माइक्रोवेव्स	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
2	एम.इ. (कॉम्प्यूटर)	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
3	एम.इ. (सिविल) स्ट्रक्चरल इंजिनियरिंग	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
4	एम.इ.(मेकॅनिकल)(डिझाइन इंजीनीरिंग)	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
5	एम.बी.ए.	60	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
6	बी.ई. (इन्फर्मेशन टेक्नॉलॉजी)	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
7	बी.ई. (इलेक्ट्रिकल)	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
8	बी.ई. (इलेक्ट्रॉनिक्स अँड टेलिकम्यूनिकेशन)	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
9	बी.ई. (कॉम्प्यूटर)	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
10	बी.ई. (मेकॅनिकल)	120	वर्ष चौथे- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 1वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
11	बी.ई. (सिविल)	120	वर्ष चौथे- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 1वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण

कळावे,

आपली,



# Amrutvahini College of Engineering, Sangamner

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सहायक कुलसचिव  
(संलग्नता कक्ष)



# Amrutvahini College of Engineering, Sangamner

## University of Pune

Telephone Nos.

5656061  
5650062  
5650060

Telegraph : 'UNIPUNE'

Telex : 0145 7719 UNIP IN

Fax : 020 5653899

Ref. No. CA/4380



Ganeshkhind,  
PUNE-411007.

Date: 24/5/2005

To,  
✓ The Principal,  
Amrutvahini College of Engineering  
Amrutnagar  
Dist :- Ahmednagar.

Sub :- Grant of Permanent Affiliation Under Graduate Engineering  
Branches for Academic year 2004-2005 .

Sir,

I am directed to inform you that the University Authorities have been pleased to grant Permanent Affiliation to your College according to Section 88 at the Maharashtra Universities Act 1994, subject to the norms & conditions laid down by the University of Pune, Government of Maharashtra & University Grants Commission etc., from time to time, for the following courses with effect from the Academic Year 2004-2005 which may please be noted.

- 1) Civil Engineering. 2) Production Engineering 3) Electronics Engineering
- 4) Computer Engineering 5) Mechanical Engineering

Thanking You,

Yours Faithfully,

*[Signature]*

for Registrar.

Copy forwarded with compliments for information & necessary action to :

1. The Secretary, Higher & Technical Education, Mantralaya, Mumbai-400 032.
2. The Administrative Officer, Higher Education Grants, Pune Division, Maharashtra State, Central Building, Pune- 411 001.
3. The Dy. Registrar, Development Section, University of Pune, Pune-411 007.

विषय अ १६ पीए/२७८/०५  
दिनांक :- २ व ३ मे २००५

D:\My Documents\Ranpise\Per. Aff.docD

Registrar

*[Signature]*  
26/5/05

Amrutvahini College
Amrutnagar (S.K.)
In. No. 511
Date 27/05/2005
<i>[Signature]</i>
Principal

REGISTRAR  
Amrutvahini College of Engineering  
Amrutnagar, P.O. Sangamner (S.K.) 422604  
Dist. Ahmednagar



## Load Distribution

Subject allocation to the faculty is done as per area of specialization and their choice by HOD based on result analysis. Subject distribution is planned well in advance for proper academic implementation.

## Sample copy of Load/Subject distribution

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER  
DEPARTMENT OF ELECTRICAL ENGINEERING  
WORK PLEASURE

ACADEMIC YEAR- 2023-24 SEM- II

Prepared and circulated on: 01/01/2024 w.e.f. 01/01/2024

SR NO.	NAME OF STAFF	F.E.		S.E.			T.E.			B.E.		TOTAL	
		TH	PR	TH	PR	Tu	TH	PR	Tu	TH	PR		Tu
1	Dr.S. S. Kadlag										AEDC-04 Audit-02	AEDC-04	10
2	Dr. K. V. Bhadane						PS-II-04	PS-II-08	PS-II-01				13
3	Prof. J. R. Rokde				PBL-04		CADEM-04	CADEM(A)-08					16
4	Prof. T. R. Bhanegaonkar			NA-04	NA-08	EM-04							16
5	Prof. A. K. Pathak				PBL-08						EHVAC-04	AEDC-04	16
6	Prof. A. S. Pande						CSE-04	CSE-08 Internship-04	CSE-01				17
7	Prof. M. S. Gadakh			NMCP-04	NMCP-08	Audit-02	CADEM(B)-04						18
8	Prof. Vijay Kumar			PS-I-04	PBL-04		CADEM(B)-04				SG-04		16
9	Prof. A. A. Pathare				FMA(B)-04						SGP-04	SGP-08	16
10	Prof. Y. UKakad			FMA-04	FMA(A)-08 FMA(B)-04								16
11	Prof. D. D. Gaikwad			EMC-I-04 Audit-02	EMC-I-08						IE-04		18
12	Prof. S. J. Aher	BEE-10	BEE-08										18
13	Prof. A. A. Joshi	BEE-10	BEE-10										20
14	Prof. M. D. Landage	BEE-10	BEE-10										20
15	Prof. N. V. Hadpe	BEE-5	BEE-14										19
TOTAL		35	42	22	56	--	18	36	02	22	16	--	247

*[Signature]*  
Prof. D. D. Gaikwad  
Time Table in charge

*[Signature]*  
Dr. S. S. Kadlag  
HOD  
HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608

*[Signature]*  
Dr. M. A. Venkatesh  
PRINCIPAL  
Amrutvahini College of Engg  
SANGAMNER - 422 608  
Dist.-Ahmednagar (M.S.)  
ACAD-R-10, Rev.: 00 Date: 01-01-24



## Academic calendar

Curriculum and academic calendar are designed and published by the Savitribai Phule Pune University (SPPU). And based on it Institute & departmental academic calendars are prepared.

## University calendar-

### Savitribai Phule Pune University



#### Circular No.159 of 2023

#### Dates of Commencement and Conclusion of the Academic Year 2023-24 for Affiliated Colleges and Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of Courses, under the faculty of **Science & Technology**, for the academic year 2023-24 shall be as under:

#### Term – I

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	B.E. - I /B.Tech.- I	07/08/2023	16/12/2023	19/12/2023	18/12/2023	06/01/2024
2	M.E. I /M.Tech.- I	14/08/2023	09/12/2023	11/12/2023	11/12/2023	31/12/2023
3	M.Arch. - I	07/08/2023	30/11/2023	04/12/2023	01/12/2023	20/12/2023

#### Term – II

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	B.E. - I /B.Tech.- I	08/01/2024	04/05/2024	06/05/2024	06/05/2024	16/06/2024
2	M.E. I /M.Tech.- I	01/01/2024	30/04/2024	02/05/2024	01/05/2024	09/06/2024
3	M.Arch. - I	26/12/2023	20/04/2024	25/04/2024	25/04/2024	02/06/2024

#### NOTE :

In case, the Head of the college requires to give additional holidays in exceptional circumstances, he/she may do so by compensating the same by keeping the college working on holidays.

Ref. No. PGS/3416

Date: 04/08/2023

  
Deputy Registrar  
(P.G.Admission)

#### Copy to: for Information and necessary action

- The Members of the Management Council.
- The Deans of Faculties.
- The Registrar, Savitribai Phule Pune University, Pune.
- The Director, Board of Examinations & Evaluation, Savitribai Phule Pune University, Pune.
- The Heads of all University Departments.
- The Principals of all Affiliated Colleges.
- The Directors of all Recognized Institutes.
- The Heads of all the Administrative Sections of the University Office.
- Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
- Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University



# Amrutvahini College of Engineering, Sangamner

## Institute Calendar-

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER-422605**

Month	ACTIVITIES CALENDER							GENERAL							YEAR 2023-2024							SEMESTER - II							No OF WORKING DAYS											
	DAY	MON	TUE	WED	THU	FRI	SAT	MON	TUE	WED	THU	FRI	SAT	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON		TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
January	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	26							
February	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	24							
March	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	23							
April	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	23							
May	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	30							

Practical/Oral/ Project Examination S.E. T.E. & B.E. : 06/05/2024 to 15/05/2024  
 M.E. Practical Exam - 02/05/2024  
 Vacation SE, T.E. & B.E. 04/05/2024 to 11/06/2024  
 Theory Examination S.E. T.E. & B.E. : 16/05/2024 to 10/06/2024  
 Theory Examination M.E., FE: 06/05/2024  
 Vacation FE: 06/05/2024 to 16/06/2024  
 SPPU Circular No. 52 of 2023 ( Ref. No. PGS/2453 Date 30/05/2023)  
 SPPU Circular No. 159 of 2023 ( Ref. No. PGS/3416 Date 04/06/2023)

PM - Principal Meeting      DM - Departmental Meeting  
 CDC - College Development committee

Dr. B.S. Borkar  
 (Coordinator, NAAC)

Dr. M. A. Venkatesh  
 (Principal)

ACAD-R-01, Rev.: 00 Date: 01-01-2024

## Department calendar-

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER-422605**

Month	ACTIVITIES CALENDER							ELECTRICAL ENGINEERING							YEAR 2023-2024							SEMESTER - II							No OF WORKING DAYS											
	DAY	MON	TUE	WED	THU	FRI	SAT	MON	TUE	WED	THU	FRI	SAT	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON		TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
January	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	26							
February	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	24							
March	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	23							
April	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	23							
May	DT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	30							

Practical/Oral/ Project Examination S.E. T.E. & B.E. : 06/05/2024 to 15/05/2024  
 M.E. Practical Exam - 02/05/2024  
 Vacation SE, T.E. & B.E. 04/05/2024 to 11/06/2024  
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 SPPU Circular No. 52 of 2023 ( Ref. No. PGS/2453 Date 30/05/2023)  
 SPPU Circular No. 159 of 2023 ( Ref. No. PGS/3416 Date 04/06/2023)

PM - Principal Meeting      DM - Departmental Meeting      GD - Group Discussion - 3  
 CDC - College Development committee      TM - Tutor Meeting - 7      Debate - 3  
 GL - Guest Lecture - 3      AT - Aptitude Test - 3      Value Added Course - 3      Extempore - 2

Dr. S. S. Kadlag  
 (Head of Department)

Dr. B.S. Borkar  
 (Coordinator, NAAC)

Dr. M. A. Venkatesh  
 (Principal)

ACAD-R-01, Rev.: 00 Date: 01-01-2024



## Teaching plan and practical plan

Teaching plan and practical plan are prepared by the individual faculty and adherence is continuously monitoring as per ISO procedures and standards.

### Sample of Teaching Plan-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF ELECTRICAL ENGINEERING COURSE PLAN AND INFORMATION SHEET Power System Operation and Control (CAY: 2023-24)					
TEACHING PLAN, 2023-2024					
Subject:	Power System Operation and Control			403141	
Class:	BE Electrical			Theory:	03 hrs. / week
Lect. No.	Date	Topics to be covered	% Syllabus Coverage	Status Completed/Not Completed	Methodology/ Pedagogy/ Learning Aid
01	18.07.23	General Introduction of the subject, syllabus, importance Course objectives and Course outcomes, Exam Pattern etc.			Chalk and board
<b>Unit 1: Power System Stability</b>					
02	19.07.23	<b>Power Transfer Equation</b> Introduction to stability, dynamics of synchronous machine.	16%		Chalk and board
03	20.07.23	swing equation, power angle equation and curve.			Chalk and board
04	21.07.23	types of power system stability (concepts of steady state, transient, dynamic stability)			Chalk and board
05	25.07.23	equal area criterion, applications of equal area criterion (sudden change in mechanical input)			Chalk and board
06	26.07.23	effect of clearing time on stability, critical clearing angle, short circuit at one end of line			Chalk and board
07	27.07.23	short circuit away from line ends and reclosure			Chalk and board
08	28.07.23	methods to improve steady state and transient stability			Chalk and board
09	01.08.23	Numerical based on equal area criteria.			Chalk and board
<b>Unit 02: Reactive Power Control</b>					
10	02.08.23	<b>Power Triangle</b> The necessity of reactive power control, production and absorption of reactive power	33%		Chalk and board
11	03.08.23	reactive power requirements for power factor control and voltage regulation			Chalk and board
12	04.08.23	the loading capability curve of a synchronous generator			Chalk and board
13	08.08.23	types of FACTS controller			Chalk and board
14	09.08.23	<b>Series compensation:</b> reactor and capacitor, TCSC, SSSC.			Chalk and board
15	10.08.23	<b>Shunt compensation:</b> reactor and capacitor, STATCOM, FC-TCR.			Chalk and board
16	11.08.23	<b>Series and shunt compensation:</b> UPFC.			Chalk and board
17	17.08.23	(FACTS devices: working principle, circuit diagram, VI characteristics, applications)			Chalk and board
<b>Unit 03: Automatic Generation Control (Frequency Control)</b>					
18	18.08.23	Concept of AGC	50%		Chalk and board
19	22.08.23	Concept of AGC			Chalk and board
20	23.08.23	complete block diagram representation of load-frequency control of an isolated power system and steady state response			Chalk and board
21	24.08.23	complete block diagram representation of load-frequency control of an isolated power system and dynamic response			Chalk and board

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# Amrutvahini College of Engineering, Sangamner

## Power System Operation and Control (CAY: 2023-24)

22	25.08.23	control area concept			Chalk and board
23	26.08.23	Two area load frequency control			Chalk and board
24	30.08.23	Two area load frequency control			Chalk and board
25	31.08.23	Schematic and block diagram of alternator voltage regulator scheme			Chalk and board
<b>Unit 04: Economic Load Dispatch and Unit Commitment (Cost Control)</b>					
26	05.09.23	Introduction, revision of cost curve, incremental cost curve of thermal	66%		Chalk and board
27	06.09.23	method of Lagrange multiplier, exact coordinate equation (penalty factor)			Chalk and board
28	12.09.23	economic scheduling of thermal plant considering effect of transmission losses using Bmn coefficient			Chalk and board
29	14.09.23	(Numerical on method of Lagrange multiplier, penalty factor, Bmn coefficient)			Chalk and board
30	15.09.23	Concept of unit commitment			Chalk and board
31	20.09.23	constraints in unit commitment – spinning reserve, thermal and hydro constraints			Chalk and board
32	21.09.23	methods of unit commitment – priority list and dynamic programming			Chalk and board
33	22.09.23	Numerical on priority list and dynamic programming method			Chalk and board
<b>Unit 05: Energy Control</b>					
34	26.09.23	Interchange of power between interconnected utilities (numerical)	84%		Chalk and board
35	27.09.23	Interchange of power between interconnected utilities (numerical)			Chalk and board
36	29.09.23	economic interchange evaluation, interchange evaluation with unit commitment			Chalk and board
37	04.10.23	economic interchange evaluation, interchange evaluation with unit commitment			Chalk and board
38	05.10.23	types of interchange			Chalk and board
39	06.10.23	capacity and diversity interchange			Chalk and board
40	10.10.23	energy banking, emergency power interchange		Chalk and board	
41	11.10.23	inadvertent power exchange, power pools		Chalk and board	
<b>Unit 06: Voltage Stability</b>					
42	12.10.23	Basic concepts related to voltage stability: transmission system characteristics (PV curve)	100%		Chalk and board
43	13.10.23	generator characteristics (QV curve), and load characteristics			Chalk and board
44	17.10.23	generator characteristics (OV curve), and load characteristics			Chalk and board
45	18.10.23	Voltage collapse			Chalk and board
46	19.10.23	classification of voltage stability			Chalk and board
47	20.10.23	static and dynamic stability			Chalk and board
48	25.10.23	analysis techniques for dynamic voltage stability			Chalk and board
49	26.10.23	voltage stability indexing			Chalk and board
50	27.10.23	<b>**Features of Smart Grid</b>			Chalk and board

(Prof. Rokde J.R.)  
Staff In-Charge

(Dr. Kadlag S.S.)  
Head of the Department

\* Bridging the gap  
\*\* Beyond syllabus

ACAD-R-05, Rev.: 00 Date: 15-06-2017



Sample of Practical Plan-


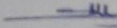
**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**COURSE PLAN AND INFORMATION SHEET**  
**COMPUTER AIDED DESIGN OF ELECTRICAL MACHINES (CAY: 2023-24)**

PRACTICAL PLAN, 2023-2024		
Subject:	Computer Aided Design of Electrical Machines	Code: 303149
Class:	T.E. (Electrical)	Theory: 04hrs. / week

Practical No.	Week	Practical to be covered
1	01/01/24-06/01/24	General Introduction of the Practical's, Marks (Record, Conduction, Viva-voce) & Lab
2	08/01/24-13/01/24	Details and assembly of transformer with design report. (Sheet in CAD)
3	15/01/24-20/01/24	Details and assembly of transformer with design report. (Sheet in CAD)
4	22/01/24-27/01/24	Details and layout of single layer three phase winding with design report. (Sheet in CAD)
5	29/01/24-03/02/24	Details and layout of double layer three phase winding with design report. (Sheet in CAD)
6	05/02/24-10/02/24	Details and layout of double layer three phase winding with design report. (Sheet in CAD)
7	12/02/24-17/02/24	Details and layout of three phase mush winding with design report. (Sheet in CAD)
8	20/02/24-24/02/24	Details and layout of three phase mush winding with design report. (Sheet in CAD)
9	26/02/24-02/03/24	Assembly of three phase induction motor. (Sheet in CAD)
10	04/03/24-09/03/24	Assembly of three phase induction motor. (Sheet in CAD)
11	11/03/24-16/03/24	Use of Finite Element Analysis(FEA) software for analysis of electrical machines, the report should include: a. Schematic diagram (Diagram/FEA model/Layout) b. Current/Flux/Force/Heat distribution. c. Analysis by variation of design parameters.
12	18/03/24-23/03/24	Use of Finite Element Analysis(FEA) software for analysis of electrical machines, the report should include: a. Schematic diagram (Diagram/FEA model/Layout) b. Current/Flux/Force/Heat distribution. c. Analysis by variation of design parameters.
13	26/03/24-30/03/24	Report based on transformer manufacturing/repairing unit.
14	01/04/24-06/04/24	Report based on transformer manufacturing/repairing unit.
15	08/04/24-13/04/24	Report based on induction motor manufacturing/repairing unit
16	15/04/24-20/04/24	Report based on induction motor manufacturing/repairing unit
17	22/04/24-27/04/24	<i>To understand the role of electrical CAD in machine manufacturing</i>

 <b>(Prof. J.R. Rokde/Prof. M.S. Gadakh)</b> Staff In-Charge	 <b>(Dr. S.S. Kadlag)</b> Head of the Department
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**Note: - On & above and Bridging the gap should be added in the Practical plan with *bold and Italic***

**ACAD-R-05, Rev.: 00 Date: 01-01-2024**



# Amrutvahini College of Engineering, Sangamner

## Time Table-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER															
DEPARTMENT OF ELECTRICAL ENGINEERING															
MASTER TIME TABLE- 2023-2024															
Semester-II					w.e.f.-01/01/2024										
Day	Time	09.10-10.05		10.05-11.00		11.20-12.15		12.15-1.10		2.10-3.05		3.05-4.00		4.00-4.55	
		1		2		3		4		5		6		7	
Monday	SE	M/C I/NA/PBL/FMA(A) S1/S2/S3/S4				NA		FMA		PS-I		M/C-I		NMCP(LP)	
	TE	FS-II		CSE		CADEM(A)/CADEM(B)/PS II / CSE T1 / T2 / T3/T4				Gnosis Plus LLP				Association Programs	
	BE	AEDC		SG		SGP		EHVAC/IE		AEDC / SGP B3 / B1				Library	
Tuesday	SE	NA/PBL/FMA(A)/M/C I S1/S2/S3/S4				M/C-I		NA		NMCP		AUDIT		PS-II(LP)	
	TE	PS-II		CSE		CADEM(A)/CADEM(B)/PS-II/CSE T2 / T3/T4/T1				CADEM				EM	
	BE	SG		AEDC		SGP		EHVAC/IE		AEDC / SGP/Project B1 / B3(B2,B4)				Library	
Wednesday	SE	PBL/FMA(A)/M/C I/NA S1/S2/S3/S4				FMA(LP)		NA		M/C-I		NMCP		AUDIT	
	TE	CSE		PS-II		Gnosis Plus LLP				CADEM				EM	
	BE	SGP		AEDC		SG		AUDIT		AEDC / SGP/Project B2 / B4(B1,B3)				Library	
Thursday	SE	FMA(A)/M/C I/NA/PBL S1/S2/S3/S4				FMA		NA(LP)		PS-I		NMCP		Library	
	TE	PS-II		CSE		CADEM(A)/CADEM(B)/PS II/ CSE T3 / T4/T1/T2				CADEM				EM	
	BE	SG		SGP		EHVAC/IE		AUDIT		PROJECT					
Friday	SE	FMA(B)/NMCP/PBL S3/S4/S1				FMA		PS-I		FMA(B)/NMCP/PBL S2 / S3 / S4		M/C-I(LP)		Association Programs	
	TE	EM		CADEM		CADEM(B)/CADEM(A)/PS II/CSE T1/T4 / T2/T3				CSE (TU)		PS-II(TU)		Association Programs	
	BE	AEDC		EHVAC/IE		AEDC / SGP B4 / B2				PROJECT					
Saturday	SE	FMA(B)/NMCP/PBL S4/S1/S2				FMA(B)/NMCP/PBL S1 / S2 / S3									
	TE	INTERNSHIP				INTERNSHIP									
	BE	PROJECT				PROJECT									

SE		TE		BE	
Subject	Name of staff	Subject	Name of staff	Subject	Name of staff
Power System -I (PS-I)	Prof. Vijay Kumar	Power System -II (PS-II)	Dr. K. V. Bhadane	Advanced electrical Drives and Control	Dr. S. S. Kadlag
Electrical Machines-I (EMC-I)	Prof. D. D. Gaikwad	Control System Engineering (CSE)	Prof. A. S. Pande	Switchgear and Protection (SGP)	Prof. A. A. Pathare
Network Analysis (NA)	Prof. T. R. Bhanegaonkar	Electrical Mobility (EM)	Prof. T. R. Bhanegaonkar	EHVAC Transmission	Prof. A. K. Pathak
Numerical Methods & Computer Programming (NMCP)	Prof. M. S. Gadakh	Computer based Design of Electrical Machine (CADEM)	Prof. J. R. Rokade	Smart Grid (SG)	Prof. Vijay Kumar
Fundamentals of Microprocessor & Controller (FMA)	Prof. Y. U. Kakad	Audit course	Prof. Vijay Kumar	Audit course	Prof. Y. U. Kakad
Audit course	Prof. D. D. Gaikwad	Internship	Prof. A. S. Pande	Illumination Engineering (IE)	Prof. D. D. Gaikwad

SE			TE			BE		
Subject	Name of Faculty	Lab.	Subject	Name of Faculty	Lab.	Subject	Name of Faculty	Lab.
EMC-I	Prof. D. D. Gaikwad	EMC lab.	PS-II	Dr. K. V. Bhadane	PS & ED lab.	AEDC	Dr. S. S. Kadlag	PS & ED Lab.
NA	Prof. T. R. Bhanegaonkar	PE Lab.	CSE	Prof. A. S. Pande	EM Lab/ Embedded lab.	SGP	Prof. A. K. Pathare	SGP Lab.
NMCP	Prof. M. S. Gadakh	Software Lab	CADEM (A)	Prof. J. R. Rokade	SGP lab./ Embedded System Lab			
FMA(A)	Prof. Y. U. Kakad		CADEM (B)	Prof. M. S. Gadakh				
FMA (B)	Prof. A. A. Pathare (S3,S4)	Embedded lab						
PBL	Prof. J. R. Rokade (S4) Prof. Vijay Kumar (S1) Prof. A. K. Pathare (S2,S3)	EM Lab.						

(Prof. D. D. Gaikwad)  
Time Table I/C

(Dr. S. S. Kadlag)  
H. O. D.

(Dr. M. A. Venkatesh)  
**PRINCIPAL**

HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
Amrutvahini College of Engineering  
SANGAMNER - 422 608  
Dist.-Ahmednagar (M.S.)  
ACAD-R-10, Rev.: 00 Date: 01-01-24

Class, laboratory and individual faculty time tables are prepared, preserved and displayed with prior approval of HOD, Principal.









# Amrutvahini College of Engineering, Sangamner

## Sample of project allocation-

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**  
DEPARTMENT OF ELECTRICAL ENGINEERING  
B.E. PROJECT LIST: 2023-2024

GN	Title of Project	Roll No	Name of Student	Area of Project	Remark	Internal Guide Name/Qualification/Experience	Sign
1.	Independent BOT-An Autonomous Robot for Solar Panel Dry Cleaning	4	Bhalchim Ajit Ramchandra	Robotics, Renewable Energy		Dr.S.S.Kadlag Qualification: Ph.D Specialization: Electrical engg Teaching Experience:24yrs	
		5	Chandratre Harshal Manas				
		12	Ghole Bhushan Sahebrao				
2.	High Speed Fighter UAV with Electric il Gun	14	Ghule Anisha Bhausaheb	Aerospace, UAV Technology		Dr.K.V.Bhadane Qualification: Ph.D Specialization: Power system Teaching Experience:21yrs	
		11	Ghare Pramod Rajendra				
		35	Pardeshi Khushi Rajesh				
		45	Rahane Sumedh Goraksh				
3.	Women Safety Device	67	Walke Vaishnavi Suresh	Wearable Technology, Safety		Dr.K.V.Bhadane Qualification: Ph.D Specialization: Power system Teaching Experience:21yrs	
		22	Kale Vaishnavi Shivaji				
		40	Pawar Shalini Bhausaheb				
4.	Landmine detecting vehicle using an Advanced Embedded controller	60	Thosar Dnyaneshwari Sanjay	Robotics, Embedded Systems, Security		Prof.J.R.Rokde Qualification: ME Specialization: Electric Power system Teaching Experience:15yrs	
		39	Pawar Akshada Ashok				
		9	Dokhe Rutuja Anil				
		44	Rahane Shraddha Ramdas				
5.	AI based Seeding and planting Robot	51	Shete Gauri Jalindar	Robotics, AI, Agriculture		Prof.T.R.BhaneGaonkar Qualification: ME Specialization: Electrical machine drive Teaching Experience:13yrs	
		64	Wagh Sakshee Somnath				
		7	Deore Prajakta Narendra				
		10	Dube Samarth Rajendra				
6.	Cost-effective Smart Hydroponic Monitoring and Controlling System using IOT	26	Khalkar Pratik Vilas	IoT, Agriculture, Hydroponics		Prof.T.R.BhaneGaonkar Qualification: ME Specialization: Electrical machine drive Teaching Experience:13yrs	
		54	Singh Arashdeep Balbir Singh				
		62	Thote Animesh Anil				
		66	Wale Satvik Ramdas				
7.	Automatic Drug Dispensing Machine	71	Zambare Pushpak Suresh	Robotics, AI, Agriculture		Prof.A.K.Pathak Qualification: M.Tech Specialization: Electric power system Teaching Experience:13yrs	
		20	Kadu Kamlesh Dagadu				
		31	Mhaske Sanika D				
		38	Patil Punam Pradip				
8.	Automatic Electric Vehicle Charging Station with Billing system using RFID	48	Sarbande Kajal Bhausaheb	EV Charging, RFID Technology, Billing		Prof.Vijaykumar Qualification: M.Tech Specialization: Power system Teaching Experience:13yrs	
		15	Gopale Sakshi Santosh				
		30	Kute Shubham Baban				
		50	Shelke Pooja Dattatray				
		68	Ware Pankaj Sudhir				

(Prof. J.R.Rokde)  
Project Coordinator

(Dr.S.S.Kadlag)  
Head of the Department  
HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**

10	Development of Drone Submarine for Surveillance and Engineering Application	17	Harishchandre Shreyas Dnya	Robotics, Underwater Technology, Surveillance		Prof.S.J.Aher Qualification: M.Tech Specialization: Energy Teaching Experience:15yrs	
		21	Kale Tejas Subhash				
		25	Katore Sai Chandrakant				
		41	Pujari Shubham Dattatray				
11	Development of Hybrid Charging Topology	28	Khule Tejas Ravsaheb	Electrical Engineering, Charging Systems, Renewable Energy		Prof.M.S.Gadakh Qualification: ME Specialization: Electric power system Teaching Experience:13yrs	
		02	Avhad Rakesh Vasant				
		43	Rahane Sanket Satish				
		08	Dighe Akshay Adinath				
12	IOT based Automatic Electric Vehicle Accident Prevention and Speed Control	24	Kandalkar Akash Changdeo	IoT, Automotive Safety, Traffic Control		Prof.A.S.Pande Qualification: ME Specialization: control system Teaching Experience:13yrs	
		32	Mokal Vaibhav Anil				
		46	Rode Arjun Bhausaheb				
		58	Thorat Rushikesh Dinkarrao				
13	Real time Vehicle Overload Monitoring and Warning System	01	Avhad Kanchan Santosh	IoT, Automotive Safety, Load Monitoring		Prof.A.A.Pathare Qualification: ME Specialization: Electric power system Teaching Experience:9yrs	
		37	Patil Nikhil Sandip				
		63	Wagh Rohit Sanjay				
		70	Yendhe Rutuja Gokul				
14	Agile Controlled Solar Metering System using IOT and Ubidots	19	Kadam Vishal Bhausaheb	IoT, Energy Monitoring, Data Visualization		Prof.A.A.Pathare Qualification: ME Specialization: Electric power system Teaching Experience:9yrs	
		27	Kharat Arjun Dharna				
		49	Shelke Pallavi Tukaram				
		52	Shete Shubham Babasaheb				
15	Swift Rescue System using GSM	47	Sangale Gaurav Govind	Communication Technology, Emergency Response		Prof. N.V Hadpe Qualification: ME Specialization: Electric power system Teaching Experience:9yrs	
		65	Wakchaure Abhishek Sanjay				
		03	Avhad Vaishnavi Jagannath				
		16	Gorle Ganesh Sanjay				
16	Electromagnetic Projectile Launcher	53	Shirsath Nilesh Raminath	Physics, Electromagnetism, Launch Systems		Prof.Y.U.Kakad Qualification: ME Specialization: Electric power system Teaching Experience:4yrs	
		61	Thosar Manish Kishor				
		29	Khule Darshan Subhash				
		69	Waykole Devesh Rajendra				
16	Intelligent Solar Powered Home automation and Gas Detection Alert System	36	Patil Amol Dinesh	Home Automation, Renewable Energy, Gas Detection		Prof.D.D.Gaikwad Qualification: ME Specialization: Electric power system Teaching Experience:8yrs	
		55	Soren Ayush Rajesh				
		57	Thite Abhishek Somnath				

(Prof. J.R.Rokde)  
Project Coordinator

(Dr.S.S.Kadlag)  
Head of the Department  
HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER  
REVISION DATE: 15-06-2017  
SANGAMNER - 422608



## Monthly Report of syllabus coverage and class attendance

Report of syllabus coverage, monthly class attendance and test marks are submitted to Dean Academics and attendance and test marks are communicated to parents through post/messages.

### Sample of monthly attendance and unit test report-

name of subject -->		Semiter : SEM-IV Section : A					Student Sign
		EMI	FOM&A	NA	NM&CP	PSI	
		GAIKWAD DILIP DADASAHEB	KAKAD YOGITA UDAY	IANEGAONK/ TEJAS RAMESH	GADAKH MONAL SACHIN	VIJAY KUMAR	
		Attendance	Attendance	Attendance	Attendance	Attendance	
name of student		32	30	30	26	36	
2	Ambre Aniket Prakash	15 93.75%	13 86.67%	12 80.00%	11 84.62%	16 88.89%	<i>[Signature]</i>
4	Barnate Dakshata Yogesh	12 75.00%	13 86.67%	10 66.67%	10 76.92%	13 72.22%	
5	Bharate Velishnav Sanjay	15 93.75%	13 86.67%	12 80.00%	12 92.31%	16 88.89%	<i>[Signature]</i>
6	Bhor Yash Dipak	14 87.50%	11 73.33%	12 80.00%	13 100.00%	15 83.33%	<i>[Signature]</i>
7	Deshmukh Mayur Pramod	14 87.50%	12 80.00%	12 80.00%	11 84.62%	15 83.33%	<i>[Signature]</i>
8	Deshmukh Pula Nivrutti	14 87.50%	15 100.00%	14 93.33%	13 100.00%	18 100.00%	<i>[Signature]</i>
9	Deshmukh Siddhika Shivaji	12 75.00%	11 73.33%	12 80.00%	12 92.31%	16 88.89%	<i>[Signature]</i>
10	Dherange Viraj Ravikant	14 87.50%	12 80.00%	12 80.00%	11 84.62%	13 72.22%	<i>[Signature]</i>
11	Dhorase Ajit Tanaji	13 81.25%	12 80.00%	12 80.00%	12 92.31%	13 72.22%	
12	Gadekar Avishkar Navnath	15 93.75%	12 80.00%	11 73.33%	11 84.62%	16 88.89%	<i>[Signature]</i>
13	Chule Prasad Bhauasaheb	13 81.25%	11 73.33%	13 86.67%	12 92.31%	14 77.78%	<i>[Signature]</i>
14	Gopale Kavert Rajesh	15 93.75%	14 93.33%	14 93.33%	13 100.00%	18 100.00%	<i>[Signature]</i>
17	Gungel Tejas Vithal	15 93.75%	12 80.00%	11 73.33%	12 92.31%	15 83.33%	<i>[Signature]</i>
18	Jorvkar Omkar Nandkishor	14 87.50%	12 80.00%	12 80.00%	11 84.62%	14 77.78%	<i>[Signature]</i>



# Amrutvahini College of Engineering, Sangamner

		EMI	FOM&A	NA	NM&CP	PSI	Student Sign
		GAIKWAD DILIP DADASAHEB	KAKAD YOGITA UDAY	IANEGAONK/ TEJAS RAMESH	GADAKH MONAL SACHIN	VIJAY KUMAR	
		Attendance	Attendance	Attendance	Attendance	Attendance	
		32	30	30	26	36	
19	Kadam Kunal Vijay	14 87.50%	11 73.33%	11 73.33%	11 84.62%	14 77.78%	<i>[Signature]</i>
21	Kadlag Shrotra Salish	14 87.50%	13 86.67%	14 93.33%	12 92.31%	17 94.44%	<i>[Signature]</i>
22	Kadu Akanksha Chandrakant	13 81.25%	13 86.67%	12 80.00%	10 76.92%	13 72.22%	<i>[Signature]</i>
24	Kakad Pooja Sande	15 93.75%	14 93.33%	13 86.67%	13 100.00%	18 100.00%	<i>[Signature]</i>
26	Kapadia Neha Yogesh	16 100.00%	15 100.00%	13 86.67%	13 100.00%	18 100.00%	<i>[Signature]</i>
28	Kolhe Sahil Bhausaheb	14 87.50%	10 66.67%	13 86.67%	12 92.31%	15 83.33%	<i>[Signature]</i>
29	Lohakare Devendra Kasharu	15 93.75%	10 66.67%	9 60.00%	12 92.31%	14 77.78%	<i>[Signature]</i>
31	Mengal Shashikant Ramhari	15 93.75%	13 86.67%	12 80.00%	12 92.31%	15 83.33%	<i>[Signature]</i>
33	Neha Nikhil Somnath	14 87.50%	11 73.33%	10 66.67%	9 69.23%	12 66.67%	<i>[Signature]</i>
34	Neha Shruti Dadabhai	13 81.25%	12 80.00%	11 73.33%	11 84.62%	14 77.78%	
35	Pansare Anil Devidas	15 93.75%	12 80.00%	10 66.67%	12 92.31%	15 83.33%	<i>[Signature]</i>
37	Patil Nikhil Bhausaheb	15 93.75%	14 93.33%	13 86.67%	11 84.62%	14 77.78%	<i>[Signature]</i>
38	Patil Rohan Arun	15 93.75%	12 80.00%	12 80.00%	10 76.92%	14 77.78%	<i>[Signature]</i>
41	Pawar Dnyanesh Sunil	14 87.50%	9 60.00%	9 60.00%	10 76.92%	13 72.22%	<i>[Signature]</i>
42	Pawar Om Satish	14 87.50%	10 66.67%	10 66.67%	10 76.92%	13 72.22%	<i>[Signature]</i>
43	Pawar Pratiksha Shivaji	15 93.75%	14 93.33%	11 73.33%	11 84.62%	15 83.33%	<i>[Signature]</i>
44	Pawar Reshma Chandrakant	15 93.75%	14 93.33%	13 86.67%	12 92.31%	17 94.44%	
45	Pawase Sahil Kalas	15 93.75%	13 86.67%	11 73.33%	12 92.31%	16 88.89%	<i>[Signature]</i>
47	Rahane Abhishek Suresh	15 93.75%	13 86.67%	11 73.33%	12 92.31%	15 83.33%	<i>[Signature]</i>
48	Rahane Anshika Gopind	15 93.75%	14 93.33%	11 73.33%	12 92.31%	14 77.78%	<i>[Signature]</i>

		EMI	FOM&A	NA	NM&CP	PSI	Student Sign
		GAIKWAD DILIP DADASAHEB	KAKAD YOGITA UDAY	IANEGAONK/ TEJAS RAMESH	GADAKH MONAL SACHIN	VIJAY KUMAR	
		Attendance	Attendance	Attendance	Attendance	Attendance	
		32	30	30	26	36	
49	Rahane Pransav Rohidas	16 100.00%	13 86.67%	11 73.33%	13 100.00%	15 83.33%	<i>[Signature]</i>
50	Rahane Sayali Babasaheb	15 93.75%	14 93.33%	13 86.67%	11 84.62%	16 88.89%	<i>[Signature]</i>
51	Rathod Kunal Shirang	14 87.50%	10 66.67%	9 60.00%	9 69.23%	12 66.67%	<i>[Signature]</i>
53	Shelar Trunmai Manoj	15 93.75%	13 86.67%	13 86.67%	13 100.00%	17 94.44%	
54	Shelke Rutika Vijay	16 100.00%	14 93.33%	13 86.67%	13 100.00%	17 94.44%	
55	Shelke Sanket Satish	14 87.50%	14 93.33%	7 46.67%	10 76.92%	12 66.67%	<i>[Signature]</i>
56	Shinde Bhavesh Dattatray	12 75.00%	12 80.00%	8 53.33%	12 92.31%	13 72.22%	<i>[Signature]</i>
57	Shinde Prajwal Ramdas	16 100.00%	14 93.33%	13 86.67%	13 100.00%	15 83.33%	<i>[Signature]</i>
58	Shinde Vedant Abasaheb	15 93.75%	13 86.67%	13 86.67%	10 76.92%	16 88.89%	<i>[Signature]</i>
60	Turakane Renuka Appasaheb	16 100.00%	12 80.00%	13 86.67%	13 100.00%	15 83.33%	<i>[Signature]</i>
62	Vinchu Tejasvi Namdev	14 87.50%	13 86.67%	11 73.33%	9 69.23%	12 66.67%	<i>[Signature]</i>
63	Wadekar Bhavesh Sahebrao	14 87.50%	13 86.67%	13 86.67%	13 100.00%	16 88.89%	
64	Wachraure Abhishek Vilas	14 87.50%	12 80.00%	10 66.67%	11 84.62%	14 77.78%	
66	Wale Yogita Kisan	14 87.50%	13 86.67%	12 80.00%	12 92.31%	15 83.33%	<i>[Signature]</i>
67	Waman Roshan Suresh	15 93.75%	9 60.00%	11 73.33%	13 100.00%	12 66.67%	
68	Gaikwad Rutuja Dattatray	3 18.75%	1 6.67%	0 0.00%	5 38.46%	1 5.56%	
69	Ghuge Siddhi Anasaheb	28 87.50%	26 86.67%	20 66.67%	22 84.62%	28 77.78%	<i>[Signature]</i>
70	Jadhav Kalash Jivan	13 81.25%	10 66.67%	11 73.33%	11 84.62%	13 72.22%	<i>[Signature]</i>
71	Kharat Sagar Balasaheb	16 100.00%	13 86.67%	12 80.00%	12 92.51%	15 83.33%	<i>[Signature]</i>
72	Kulkarni Smita Smita	14 87.50%	13 86.67%	12 80.00%	12 92.31%	14 77.78%	<i>[Signature]</i>



# Amrutvahini College of Engineering, Sangamner

EM	FORMA	NA	SEM/CP	PGI	Student Sign		
GAYKIND DILIP DADASAHEB	KARAD YOGITA UDAY	WASE CHANDU TEJAS RAMESH	GADARK MONAL SACHIN	YUJY KUMAR			
Attendance	Attendance	Attendance	Attendance	Attendance			
32	30	30	26	36			
73	Pravin Manohar Bembhat	16 100.00	13 86.67%	13 86.67%	13 100.00	18 100.00	<i>[Handwritten Signature]</i>
74	Sandeep Anil Karan	14 87.50%	14 93.33%	11 73.33%	10 76.92%	14 77.78%	<i>[Handwritten Signature]</i>
75	Somnasa Kishore Ganesh	13 81.25%	13 86.67%	8 53.33%	9 69.23%	14 77.78%	<i>[Handwritten Signature]</i>
76	Tharal Dnyanesh Duni	13 81.25%	13 86.67%	10 66.67%	9 69.23%	14 77.78%	<i>[Handwritten Signature]</i>
77	Hare Nikita Devdas	14 87.50%	13 86.67%	11 73.33%	12 92.31%	16 88.89%	<i>[Handwritten Signature]</i>
78	Ravi Sakshi Ravanath	16 100.00	13 86.67%	14 93.33%	13 100.00	18 100.00	<i>[Handwritten Signature]</i>
Staff Sign				<i>[Handwritten Signature]</i>			

*[Handwritten Signature]*  
Sign of Class Teacher

*[Handwritten Signature]*  
HOD Sign



# Amrutvahini College of Engineering, Sangamner

## Sample of syllabus coverage

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**  
 DEPARTMENT OF ELECTRICAL ENGINEERING  
 THIRD YEAR ENGINEERING  
 CUMULATIVE NUMBER OF CLASSES / PRACTICALS TAKEN, 2023-2024

From 21/01/2024 to 30/04/2024 (Third ment)

CLASS:	TE	SEMESTER: VI																	DIVISION:	Staff Sign									
		Sr. No.	Name of the Subject	Subject code	No. of Classes / week	Pract h No.	Week No.	Date																					
								1	2	3	4	5	6	7	8	9	10	11			12	13	14	15	16	17			
							01-01	08-01	15-01	22-01	29-01	05-02	12-02	20-02	26-02	04-03	11-03	18-03	26-03	01-04	08-04	15-04	22-04						
							06-01	13-01	20-01	27-01	03-02	10-02	17-02	24-02	02-03	09-03	16-03	23-03	30-03	06-04	13-04	20-04	3004						
							No. of classes taken																						
1	Power System-II	303148	03	-	KVB	4	8	11	14	19	25	30	35	38	42	47	52	57	62	67	72	77	82	87	92	97	100		
2	Computer Aided Design of Electrical Machines	303149	03	-	JRR	4	8	12	15	20	26	29	32	34	38	40	41	41	42	43	44	45	46	47	48	49	50	51	
3	Control System Engineering	303150	03	-	ASP	4	8	11	14	18	19	24	26	28	36	38	42	42	45	47	50	50	50	50	50	50	50	50	
4	Elective II: Electric Mobility	303151B	03	-	TRB	4	8	12	15	19	24	26	27	31	34	36	37	37	42	43	45	45	45	45	45	45	45	45	
5	Audit Course IV: Ethical Practices for Engineers	303153A	02	-	MSG	2	4	6	8	10	12	14	16	18	20	22	24	26	28	28	28	28	28	28	28	28	28	28	
6	Power System-II	303148	02	-	T1 KVB	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
7	Power System-II(Tutorial)	303148	01	-	T2 KVB	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
8	Computer Aided Design of Electrical Machines(Part A)	303149	02	-	T3 KVB	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
9	Computer Aided Design of Electrical Machines(Part B)	303149	02	-	T4 KVB	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
10	Control System Engineering	303150	02	-	T1 ASP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
11	Control System Engineering(Tutorial)	303150	01	-	T2 ASP	1	2	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

(Dr. S.S.Kadlag)  
Head Of The Department

(Dr. M.A.Venkatesh)  
Principal

**HEAD OF THE DEPARTMENT**  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608

ACAD-R-09, Rev. : 00 Date: 01-01-2024

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**  
 DEPARTMENT OF ELECTRICAL ENGINEERING  
 THIRD YEAR ENGINEERING  
 PERCENTAGE OF PORTION COVERED, 2023-2024

CLASS:	TE	SEMESTER: VI																	DIVISION:	Staff Sign								
		Sr. No.	Name of the Subject	Subject code	No. of Classes / week	Pract h No.	Week No.	Date																				
								1	2	3	4	5	6	7	8	9	10	11			12	13	14	15	16	17		
							01-01	08-01	15-01	22-01	29-01	05-02	12-02	20-02	26-02	04-03	11-03	18-03	26-03	01-04	08-04	15-04	22-04					
							06-01	13-01	20-01	27-01	03-02	10-02	17-02	24-02	02-03	09-03	16-03	23-03	30-03	06-04	13-04	20-04	3004					
							No. of classes taken																					
1	Power System-II	303148	03	-	KVB	5	10	15	20	25	35	45	60	70	85	88	88	88	90	95	97	100	100	100	100	100	100	
2	Computer Aided Design of Electrical Machines	303149	03	-	JRR	5	10	15	20	30	52	58	64	78	76	80	84	84	88	98	100	100	100	100	100	100	100	
3	Control System Engineering	303150	03	-	ASP	5	14	20	28	32	35	42	46	50	58	57	64	64	68	78	80	80	80	80	80	80	80	
4	Elective II: Electric Mobility	303151B	03	-	TRB	5	14	20	28	32	48	52	58	62	68	72	74	74	84	86	90	100	100	100	100	100	100	
5	Audit Course IV: Ethical Practices for Engineers	303153A	02	-	MSG	5	14	20	30	32	35	40	45	50	55	60	65	70	75	80	80	80	80	80	80	80	80	
6	Power System-II	303148	02	-	T1 KVB	5	10	15	20	25	35	45	60	70	85	88	88	88	90	95	97	100	100	100	100	100	100	
7	Power System-II(Tutorial)	303148	01	-	T2 KVB	5	10	15	20	25	35	45	60	70	85	88	88	88	90	95	97	100	100	100	100	100	100	
8	Computer Aided Design of Electrical Machines(Part A)	303149	04	-	T3 KVB	5	10	15	20	25	35	45	60	70	85	88	88	88	90	95	97	100	100	100	100	100	100	
9	Computer Aided Design of Electrical Machines(Part B)	303149	04	-	T4 KVB	5	10	15	20	25	35	45	60	70	85	88	88	88	90	95	97	100	100	100	100	100	100	
10	Control System Engineering	303150	02	-	T1 ASP	00	12	24	24	36	48	60	72	84	96	100	100	100	100	100	100	100	100	100	100	100	100	
11	Control System Engineering(Tutorial)	303150	01	-	T2 ASP	00	12	24	24	36	48	60	72	84	96	100	100	100	100	100	100	100	100	100	100	100	100	

(Dr. S.S.Kadlag)  
Head Of The Department

(Dr. M.A.Venkatesh)  
Principal

**HEAD OF THE DEPARTMENT**  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608

ACAD-R-09, Rev. : 00 Date: 01-01-2024



## Add-on courses and workshops

Different Training/internship, workshops, value addition courses were conducted by the institute to improve the soft skill, personality skill etc. to make our student ready for corporate world

### Workshop sample report:

AE/Elect/2023-24

Date:04.03.2024

Amrutvahini College of Engineering, Sangamner  
Department of Electrical Engineering  
Academic Year(2023-24) Sem-2

#### Workshop Conduction Report

**Name of Workshop:** Four Days Workshop on Electrical CAD for T.E. students

**Date/Duration:**29.02.2024-03.03.2024(9.00am to 6.00pm)

**Venue:**Software Lab and Embedded System Lab ,Department of Electrical Engineering,AVCOE

#### Objective:

The workshop on Electrical CAD aimed to equip T.E. Electrical students with essential skills and knowledge in using Computer-Aided Design (CAD) software for electrical engineering projects and industrial applications

#### Key Highlights:


- 1. Introduction to CAD Software:** Students were introduced to various Electrical CAD software packages, including Auto CAD Electrical, EPLAN, and Solid Works Electrical. The session provided an overview of their features and functionalities.
- 2. Basic Tools and Commands:** Hands-on exercises familiarized participants with basic tools and commands used in Electrical CAD software, such as drawing components, creating circuits, and generating reports.
- 3. Symbol Libraries and Standards:** The workshop emphasized the importance of using standardized symbol libraries and adhering to industry standards for schematic representation in Electrical CAD drawings.
- 4. Wiring Diagrams and Panel Layouts:** Participants learned to create wiring diagrams and panel layouts using CAD software, incorporating components, annotations, and wire numbering for accurate representation.
- 5. Advanced Features and Techniques:** Advanced topics covered included 3D modeling of electrical components, integration with PLC systems for project documentation.

#### Outcomes:

The Electrical CAD workshop provided;

1. Students with practical skills and knowledge essential for proficient use of CAD software in electrical engineering projects
2. Hands-on exercises and demonstrations enhanced understanding and competency in creating schematic diagrams, wiring layouts, and panel designs
3. Provide resources for self-paced learning and practice
4. Encourage Students to explore further applications of CAD in electrical engineering, such as PLC design and control systems

  
  
**Prof. J.R. Rokde and Prof. M.S. Gadakh**  
Workshop Coordinator

  
**Dr. S.S. Kadlag**  
HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
Department of Electrical Engineering  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608



# Amrutvahini College of Engineering, Sangamner

## Attendance Report of workshop

### Amrutvahini College of Engineering, Sangamner Department of Electrical Engineering

Electrical Cad Workshop (29/02/2024 to 03/03/2024)

Attendance Sheet

Date- 29/02/2024

Sr.No	Roll No.	Name	Morning	Afternoon	Evening
			9.10 am to 11 am	11.20 am to 1.10 am	2.10 pm to 6.00 pm
1	1	Adhav Tejal Sudam	<del>Adhav</del>	<del>Adhav</del>	<del>Adhav</del>
2	2	Arote Akash Uttam	<del>Arote</del>	<del>Arote</del>	<del>Arote</del>
3	4	Bansode Abhyuday Ramesh	<del>Bansode</del>	<del>Bansode</del>	<del>Bansode</del>
4	5	Bhangare Avdhut Rajendra	<del>Bhangare</del>	<del>Bhangare</del>	<del>Bhangare</del>
5	6	Bhaskar Arshadas Unil	<del>Bhaskar</del>	<del>Bhaskar</del>	<del>Bhaskar</del>
6	8	Bombale Om Govind	<del>Bombale</del>	<del>Bombale</del>	<del>Bombale</del>
7	9	Borhade Subodh Vinayak	<del>Borhade</del>	<del>Borhade</del>	<del>Borhade</del>
8	10	Borude Apurva Rushikesh	<del>Borude</del>	<del>Borude</del>	<del>Borude</del>
9	11	Brahmankar Atharva Sunil	<del>Brahmankar</del>	<del>Brahmankar</del>	<del>Brahmankar</del>
10	12	Dake Mohan Janardan	<del>Dake</del>	<del>Dake</del>	<del>Dake</del>
11	13	Darade Sandesh Dattatray	<del>Darade</del>	<del>Darade</del>	<del>Darade</del>
12	14	Deshmukh Akshay Rajendra	<del>Deshmukh</del>	<del>Deshmukh</del>	<del>Deshmukh</del>
13	15	Deshmukh Kalyan Abhay	<del>Deshmukh</del>	<del>Deshmukh</del>	<del>Deshmukh</del>
14	17	Dhagude Kirti Prasad	<del>Dhagude</del>	<del>Dhagude</del>	<del>Dhagude</del>
15	18	Dhakane Aditi Subhash	<del>Dhakane</del>	<del>Dhakane</del>	<del>Dhakane</del>
16	19	Dhamale Sanket Ekanath	<del>Dhamale</del>	<del>Dhamale</del>	<del>Dhamale</del>
17	20	Dighe Sayali Vilas	<del>Dighe</del>	<del>Dighe</del>	<del>Dighe</del>
18	21	Dighe Tejaswini Jijabhau	<del>Dighe</del>	<del>Dighe</del>	<del>Dighe</del>
19	22	Divase Pranita Satish	<del>Divase</del>	<del>Divase</del>	<del>Divase</del>
20	24	Ghungrale Aarti Gangadharrao	<del>Ghungrale</del>	<del>Ghungrale</del>	<del>Ghungrale</del>
21	25	Gite Kajal Sandeep	<del>Gite</del>	<del>Gite</del>	<del>Gite</del>
22	26	Gopale Sanket Lahanu	<del>Gopale</del>	<del>Gopale</del>	<del>Gopale</del>
23	27	Gopale Siddham Rameshwar	<del>Gopale</del>	<del>Gopale</del>	<del>Gopale</del>
24	29	Gunjal Disha Santosh	<del>Gunjal</del>	<del>Gunjal</del>	<del>Gunjal</del>
25	30	Jadhav Supraja Pradip	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>
26	32	Kadam Sahil Anil	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>
27	33	Kanawade Abhishek Annasaheb	<del>Kanawade</del>	<del>Kanawade</del>	<del>Kanawade</del>
28	34	Kanawade Akhil Ashok	<del>Kanawade</del>	<del>Kanawade</del>	<del>Kanawade</del>
29	36	Kanawade Vaishnavi Satish	<del>Kanawade</del>	<del>Kanawade</del>	<del>Kanawade</del>
30	37	Karle Sanket Babasaheb	<del>Karle</del>	<del>Karle</del>	<del>Karle</del>
31	38	Karpe Akanksha Rajendra	<del>Karpe</del>	<del>Karpe</del>	<del>Karpe</del>
32	39	Katkar Abhay Mahesh	<del>Katkar</del>	<del>Katkar</del>	<del>Katkar</del>
33	40	Khairnar Priti Jalindar	<del>Khairnar</del>	<del>Khairnar</del>	<del>Khairnar</del>
34	42	Kotkar Sakshi Somnath	<del>Kotkar</del>	<del>Kotkar</del>	<del>Kotkar</del>
35	43	Lahare Vaishnavi Vijay	<del>Lahare</del>	<del>Lahare</del>	<del>Lahare</del>



# Amrutvahini College of Engineering, Sangamner

36	44	Mistari Vaishnavi Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37	45	Mundhe Sakshi Vilas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	46	Navale Abhishek Navnath	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39	47	Navale Shubham Dagdu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40	48	Pathare Sanket Rajendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
41	52	Pawar Sanket <i>Sanjayrao</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
42	53	Perane Rushikesh Shankar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
43	54	Phad Swati Sunil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
44	55	Rahane Shubhangi Vilas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
45	56	Sanap Sanket Balasaheb	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
46	57	Sangale Sakshi Arjun	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
47	58	Satpute Rutuja Kailas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
48	60	Shete Bhakti Dnyaneshwar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
49	61	Shinde Akshada Mahesh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
50	63	Shinde Vaishnavi Ramesh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
51	64	Upakare Parth Pravin	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
52	65	Varpe Sakshi Nivrutti	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
53	66	Waghe Vishal Bhikaji	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
54	67	Wakehaure Aditya Balasaheb	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
55	69	Warghude Bipin Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
56	70	Zuge Komal Sonyabapu	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
57	72	Kurhe Prathamesh Laxman	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
Prof. J.R. Rokde and Prof. M.S. Gadakh  
Workshop Coordinator

*[Signature]*  
Dr. S. S. Kadlag  
Head of Department

HEAD OF THE DEPARTMENT  
ELECTRICAL ENGINEERING  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608



# Amrutvahini College of Engineering, Sangamner

Amrutvahini College of Engineering, Sangamner

Department of Electrical Engineering

Electrical Cad Workshop (29/02/2024 to 03/03/2024)

Attendance Sheet


Date- 1/03/2024


Sr.No	Roll No.	Name	Morning	Afternoon	Evening
			9.10 am to 11 am	11.20 am to 1.10 am	2.10 pm to 6.00 pm
1	1	Adhav Tejal Sudam	<del>Adhav</del>	<del>Adhav</del>	<del>Adhav</del>
2	2	Arote Akash Uttam	<del>Arote</del>	<del>Arote</del>	<del>Arote</del>
3	4	Bansode Abhyuday Ramesh	<del>Bansode</del>	<del>Bansode</del>	<del>Bansode</del>
4	5	Bhangare Avdhut Rajendra	<del>Bhangare</del>	<del>Bhangare</del>	<del>Bhangare</del>
5	6	Bhaskarh Arshadas Unil	<del>Bhaskarh</del>	<del>Bhaskarh</del>	<del>Bhaskarh</del>
6	8	Bomble Om Govind	<del>Bomble</del>	<del>Bomble</del>	<del>Bomble</del>
7	9	Borhade Subodh Vinayak	<del>Borhade</del>	<del>Borhade</del>	<del>Borhade</del>
8	10	Borude Apurva Rushikesh	<del>Borude</del>	<del>Borude</del>	<del>Borude</del>
9	11	Brahmankar Atharva Sunil	<del>Brahmankar</del>	<del>Brahmankar</del>	<del>Brahmankar</del>
10	12	Dake Mohan Janardan	<del>Dake</del>	<del>Dake</del>	<del>Dake</del>
11	13	Darade Sandesh Dattatray	<del>Darade</del>	<del>Darade</del>	<del>Darade</del>
12	14	Deshmukh Akshay Rajendra	<del>Deshmukh</del>	<del>Deshmukh</del>	<del>Deshmukh</del>
13	15	Deshmukh Kalyan Abhay	<del>Deshmukh</del>	<del>Deshmukh</del>	<del>Deshmukh</del>
14	17	Dhagude Kirti Prasad	<del>Dhagude</del>	<del>Dhagude</del>	<del>Dhagude</del>
15	18	Dhakane Aditi Subhash	<del>Dhakane</del>	<del>Dhakane</del>	<del>Dhakane</del>
16	19	Dhamale Sanket Ekanath	<del>Dhamale</del>	<del>Dhamale</del>	<del>Dhamale</del>
17	20	Dighe Sayali Vilas	<del>Dighe</del>	<del>Dighe</del>	<del>Dighe</del>
18	21	Dighe Tejaswini Jijabhau	<del>Dighe</del>	<del>Dighe</del>	<del>Dighe</del>
19	22	Divase Pranita Satish	<del>Divase</del>	<del>Divase</del>	<del>Divase</del>
20	24	Ghungrale Aarti Gangadharrao	<del>Ghungrale</del>	<del>Ghungrale</del>	<del>Ghungrale</del>
21	25	Gite Kajal Sandeep	<del>Gite</del>	<del>Gite</del>	<del>Gite</del>
22	26	Gopale Sanket Lahanu	<del>Gopale</del>	<del>Gopale</del>	<del>Gopale</del>
23	27	Gopale Siddhan Trameshwar	<del>Gopale</del>	<del>Gopale</del>	<del>Gopale</del>
24	29	Gunjal Disha Santosh	<del>Gunjal</del>	<del>Gunjal</del>	<del>Gunjal</del>
25	30	Jadhav Supraja Pradip	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>
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29	36	Kanawade Vaishnavi Satish	<del>Kanawade</del>	<del>Kanawade</del>	<del>Kanawade</del>
30	37	Karle Sanket Babasaheb	<del>Karle</del>	<del>Karle</del>	<del>Karle</del>
31	38	Karpe Akanksha Rajendra	<del>Karpe</del>	<del>Karpe</del>	<del>Karpe</del>
32	39	Katkar Abhay Mahesh	<del>Katkar</del>	<del>Katkar</del>	<del>Katkar</del>
33	40	Khairnar Priti Jalindar	<del>Khairnar</del>	<del>Khairnar</del>	<del>Khairnar</del>
34	42	Kotkar Sakshi Somnath	<del>Kotkar</del>	<del>Kotkar</del>	<del>Kotkar</del>
35	43	Lahare Vaishnavi Vijay	<del>Lahare</del>	<del>Lahare</del>	<del>Lahare</del>



# Amrutvahini College of Engineering, Sangamner

36	44	Mistari Vaishnavi Sanjay	<del>Vaishnavi</del>	<del>Vaishnavi</del>	<del>Vaishnavi</del>
37	45	Mundhe Sakshi Vikas	<del>Sakshi</del>	<del>Sakshi</del>	<del>Sakshi</del>
38	46	Navale Abhishek Navnath	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>
39	47	Navale Shubham Dagdu	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>
40	48	Pathare Sanket Rajendra	<del>Pathare</del>	<del>Pathare</del>	<del>Pathare</del>
41	52	Pawar Sanket	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>
42	53	Perane Rushikesh Shankar	<del>Perane</del>	<del>Perane</del>	<del>Perane</del>
43	54	Phad Swati Sunil	<del>Phad</del>	<del>Phad</del>	<del>Phad</del>
44	55	Rahane Shubhangi Vilas	<del>Rahane</del>	<del>Rahane</del>	<del>Rahane</del>
45	56	Sanap Sanket Balasaheb	<del>Sanap</del>	<del>Sanap</del>	<del>Sanap</del>
46	57	Sangale Sakshi Arjun	<del>Sangale</del>	<del>Sangale</del>	<del>Sangale</del>
47	58	Satpute Rutuja Kailas	<del>Satpute</del>	<del>Satpute</del>	<del>Satpute</del>
48	60	Shete Bhakti Dnyaneshwar	<del>Shete</del>	<del>Shete</del>	<del>Shete</del>
49	61	Shinde Akshada Mahesh	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>
50	63	Shinde Vaishnavi Ramesh	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>
51	64	Upakare Parth Pravin	<del>Upakare</del>	<del>Upakare</del>	<del>Upakare</del>
52	65	Varpe Sakshi Nivrutti	<del>Varpe</del>	<del>Varpe</del>	<del>Varpe</del>
53	66	Waghe Vishal Bhikaji	<del>Waghe</del>	<del>Waghe</del>	<del>Waghe</del>
54	67	Wakchaure Aditya Balasaheb	<del>Wakchaure</del>	<del>Wakchaure</del>	<del>Wakchaure</del>
55	69	Warghude Bipin Sanjay	<del>Warghude</del>	<del>Warghude</del>	<del>Warghude</del>
56	70	Zuge Komal Sonyabapu	<del>Zuge</del>	<del>Zuge</del>	<del>Zuge</del>
57	72	Kurhe Prathamesh Laxman	<del>Kurhe</del>	<del>Kurhe</del>	<del>Kurhe</del>

  
 Prof. J.R. Rokde and Prof.M.S.Gadakh  
 Workshop Coordinator

  
 Dr. S. S. Kadlag  
 Head of Department

HEAD OF THE DEPARTMENT  
 ELECTRICAL ENGINEERING  
 AMRUTVAHINI COLLEGE OF ENGINEERING  
 SANGAMNER - 422608



# Amrutvahini College of Engineering, Sangamner

Amrutvahini College of Engineering, Sangamner  
Department of Electrical Engineering  
Electrical Cad Workshop (29/02/2024 to 03/03/2024)  
Attendance Sheet


Date- 2/3/2024


Sr.No	Roll No.	Name	Morning	Afternoon	Evening
			9.10 am to 11 am	11.20 am to 1.10 am	2.10 pm to 6.00 pm
1	1	Adhav Tejal Sudam	Adhav	Adhav	Adhav
2	2	Arote Akash Uttam	Arote	Arote	Arote
3	4	Bansode Abhyuday Ramesh	Bansode	Bansode	Bansode
4	5	Bhangarc Avdhut Rajendra	Bhangarc	Bhangarc	Bhangarc
5	6	Bhaskarh Arshadas Unil	Bhaskarh	Bhaskarh	Bhaskarh
6	8	Bomble Om Govind	Bomble	Bomble	Bomble
7	9	Borhade Subodh Vinayak	Borhade	Borhade	Borhade
8	10	Borude Apurva Rushikesh	Borude	Borude	Borude
9	11	Brahmankar Atharva Sunil	Brahmankar	Brahmankar	Brahmankar
10	12	Dake Mohan Janardan	Dake	Dake	Dake
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14	17	Dhagude Kirti Prasad	Dhagude	Dhagude	Dhagude
15	18	Dhakane Aditi Subhash	Dhakane	Dhakane	Dhakane
16	19	Dhamale Sanket Ekanath	Dhamale	Dhamale	Dhamale
17	20	Dighe Sayali Vilas	Dighe	Dighe	Dighe
18	21	Dighe Tejaswini Jijabhau	Dighe	Dighe	Dighe
19	22	Divase Pranita Satish	Divase	Divase	Divase
20	24	Ghungrale Aarti Gangadharrao	Ghungrale	Ghungrale	Ghungrale
21	25	Gite Kajal Sandeep	Gite	Gite	Gite
22	26	Gopale Sanket Lahanu	Gopale	Gopale	Gopale
23	27	Gopale Siddhan Trameshwar	Gopale	Gopale	Gopale
24	29	Gunjal Disha Santosh	Gunjal	Gunjal	Gunjal
25	30	Jadhav Supraja Pradip	Jadhav	Jadhav	Jadhav
26	32	Kadam Sahil Anil	Kadam	Kadam	Kadam
27	33	Kanawade Abhishek Annasaheb	Kanawade	Kanawade	Kanawade
28	34	Kanawade Akhil Ashok	Kanawade	Kanawade	Kanawade
29	36	Kanawade Vaishnavi Satish	Kanawade	Kanawade	Kanawade
30	37	Karle Sanket Babasaheb	Karle	Karle	Karle
31	38	Karpe Akanksha Rajendra	Karpe	Karpe	Karpe
32	39	Katkar Abhay Mahesh	Katkar	Katkar	Katkar
33	40	Khairnar Priti Jalindar	Khairnar	Khairnar	Khairnar
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# Amrutvahini College of Engineering, Sangamner

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39	47	Navale Shubham Dagdu	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>
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42	53	Perane Rushikesh Shankar	<i>Rushikesh</i>	<i>Rushikesh</i>	<i>Rushikesh</i>
43	54	Phad Swati Sunil	<i>Swati</i>	<i>Swati</i>	<i>Swati</i>
44	55	Rahane Shubhangi Vilas	<i>Shubhangi</i>	<i>Shubhangi</i>	<i>Shubhangi</i>
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46	57	Sangale Sakshi Arjun	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>
47	58	Satpute Rutuja Kailas	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>
48	60	Shete Bhakti Dnyaneshwar	<i>Bhakti</i>	<i>Bhakti</i>	<i>Bhakti</i>
49	61	Shinde Akshada Mahesh	<i>Akshada</i>	<i>Akshada</i>	<i>Akshada</i>
50	63	Shinde Vaishnavi Ramesh	<i>Vaishnavi</i>	<i>Vaishnavi</i>	<i>Vaishnavi</i>
51	64	Upakare Parth Pravin	<i>Parth</i>	<i>Parth</i>	<i>Parth</i>
52	65	Varpe Sakshi Nivrutti	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>
53	66	Waghe Vishal Bhikaji	<i>Vishal</i>	<i>Vishal</i>	<i>Vishal</i>
54	67	Wakchaure Aditya Balasaheb	<i>Aditya</i>	<i>Aditya</i>	<i>Aditya</i>
55	69	Warghude Bipin Sanjay	<i>Bipin</i>	<i>Bipin</i>	<i>Bipin</i>
56	70	Zuge Komal Sonyabapu	<i>Komal</i>	<i>Komal</i>	<i>Komal</i>
57	72	Kurhe Prathamesh Laxman	<i>Prathamesh</i>	<i>Prathamesh</i>	<i>Prathamesh</i>

  
 Prof. J.R. Rokde and Prof. M.S. Gadakh  
 Workshop Coordinator

  
 Dr. S. S. Kadlag  
 Head of Department

HEAD OF THE DEPARTMENT  
 ELECTRICAL ENGINEERING  
 LECTURER  
 AMRUTVAHINI COLLEGE OF ENGINEERING  
 SANGAMNER - 422006  
 Phone No. - 422006



## University Examination

At the end of the semester term work submission is taken and university exams are conducted. Term work by internal examiner based on lab index card, oral/practical are evaluated by internal and external examiner appointed by university. Grievances related to examination will be sort out by grievance committee and is explain in criteria 2.

### Sample of practical, oral marks-



**Savitribai Phule Pune University**  
Examination Session 2023  
Marks Inward System for Colleges



2312080934443

12/8/2023

1 of 1

<b>College Name</b>	CEGA016260 - AMRUTWAHINI COLLEGE OF ENGINEERING		
<b>Pattern Name</b>	7041970 - B.E. (2019 PAT.) (ELECTRICAL)	<b>Batch No</b>	202310028489
<b>Subject Name</b>	403141 - Power System Operation & Control	<b>Exam Type</b>	TW OUT OF 25
<b>Teacher Name</b>	Rokde Jyoti Ramdas (Mob. No.: 9960526427) - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
62	62	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
B190102501	21	B190102526	21	B190102552	22
B190102502	21	B190102527	21	B190102553	19
B190102503	23	B190102528	19	B190102554	22
B190102504	21	B190102529	20	B190102555	21
B190102505	22	B190102530	20	B190102556	23
B190102506	20	B190102531	22	B190102558	22
B190102507	21	B190102532	20	B190102559	19
B190102508	23	B190102533	22	B190102560	22
B190102509	20	B190102534	23	B190102561	23
B190102510	19	B190102535	23	B190102562	23
B190102511	21	B190102536	21	B190102563	20
B190102512	18	B190102537	21	B190102564	19
B190102513	23	B190102538	21		
B190102514	20	B190102540	21		
B190102515	22	B190102541	21		
B190102516	22	B190102542	20		
B190102517	23	B190102543	20		
B190102518	21	B190102544	19		
B190102519	18	B190102545	19		
B190102520	20	B190102546	22		
B190102521	23	B190102547	21		
B190102522	21	B190102548	21		
B190102523	22	B190102549	21		
B190102524	19	B190102550	21		
B190102525	23	B190102551	23		

Stamp & Authorized Signatory



# Amrutvahini College of Engineering, Sangamner



**Savitribai Phule Pune University**  
Examination Session 2023  
Marks Inward System for Colleges

\*231208093  
8373\*  
2312080938373

12/8/2023

1 of 1

<b>College Name</b>	CEGA016260 - AMRUTVAHINI COLLEGE OF ENGINEERING		
<b>Pattern Name</b>	7041970 - B.E. (2019 PAT.) (ELECTRICAL)	<b>Batch No</b>	202310028485
<b>Subject Name</b>	403141 - Power System Operation & Control	<b>Exam Type</b>	ORAL OUT OF 25
<b>Teacher Name</b>	Rokde Jyoti Ramdas (Mob. No.: 9960526427) - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
62	62	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
B190102501	18	B190102526	19	B190102552	21
B190102502	22	B190102527	18	B190102553	18
B190102503	23	B190102528	18	B190102554	22
B190102504	18	B190102529	18	B190102555	20
B190102505	18	B190102530	19	B190102556	18
B190102506	19	B190102531	19	B190102558	18
B190102507	20	B190102532	19	B190102559	20
B190102508	20	B190102533	19	B190102560	22
B190102509	18	B190102534	19	B190102561	23
B190102510	18	B190102535	19	B190102562	21
B190102511	19	B190102536	23	B190102563	20
B190102512	18	B190102537	20	B190102564	20
B190102513	23	B190102538	22		
B190102514	18	B190102540	22		
B190102515	19	B190102541	23		
B190102516	20	B190102542	22		
B190102517	20	B190102543	22		
B190102518	18	B190102544	17		
B190102519	18	B190102545	17		
B190102520	17	B190102546	18		
B190102521	24	B190102547	22		
B190102522	19	B190102548	19		
B190102523	23	B190102549	19		
B190102524	18	B190102550	19		
B190102525	20	B190102551	21		

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# Amrutvahini College of Engineering, Sangamner

## Result Analysis-

After exam analysis of result is done for further corrective action.

## Sample of record-

**AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**RESULT: MAY-JUNE / 2023-2024**  
**Class: BE (Electrical)**

Total Students:63	Fail :02
Distinction:60	All Clear:61
First Class:01	Percentage Result All Clear: 98.82%
Higher Second Class:00	Percentage Result Fail : 1.18%
Second Class:00	Absent-00

Sr. No	Name of Subject	Appear	Absent	Pass	Fail	% Result (Actual)	% Result (Targeted)	Name of Staff
1	SWITCHGEAR & PROTECTION	63	00	63	00	100	90%	Mr A.A.Patahre
2	ADV. ELECT. DRIVES & CONTROL	63	00	63	00	100	90%	Dr.S.S.Kadlag
3	SMART GRID	63	00	63	00	100	90%	Mr.Vijay Kumar
4	EHV AC TRANSMISSION	63	00	63	00	100	90%	Mr.A.K.Pathak
5	ILLUMINATION ENGINEERING	63	00	62	01	98.41	90%	Mr. D.D.Gaikwad

### Last Three Years Result:


Sr. No.	Subject	2023-2024	2022-2023	2021-2022
1	SWITCHGEAR & PROTECTION	100	98.85	97.29
2	ADV. ELECT. DRIVES & CONTROL	100	98.85	95.94
3	SMART GRID	100	98.85	97.29
4	EHV AC TRANSMISSION	100	98.85	100
5	ILLUMINATION ENGINEERING	98.41	100	100


### List of Toppers(SGPA):

Sr. No.	Name of Student	SGPA	Class
1	ARASHDEEP SINGH	9.85	Distinction
2	KALE VAISHNAVI SHIVAJI PATIL NIKHIL SANDEEP	9.60	Distinction
3	WALE SATVIK RAMDAS GHULE ANISHA BHAUSAHEB	9.43	Distinction

### List Of Subject Toppers:

Sr. No.	Name Of Student	Subject	Marks
1	WALE SATVIK RAMDAS	SWITCHGEAR & PROTECTION	88
2	SARBANDE KAJAL BHAUSAHEB	ADV. ELECT. DRIVES & CONTROL	88
3	PATIL NIKHIL SANDEEP	SMART GRID	85
4	KALE VAISHNAVI SHIVAJI	EHV AC TRANSMISSION	84
5	ARASHDEEP SINGH	ILLUMINATION ENGINEERING	92

  
Prof. A.A. Pathare  
Class Teacher

  
Dr. S.S. Kadlag  
Head of Department



## **Next Semester Preparation**

The maintenance of Laboratory equipment and other resources were carried out to make them in working condition. Material and consumables are purchased and all is set well for coming semester.

Workshop/ FDP/STTP were attended for update the knowledge to current scenario.

Subject/Load distribution.