



Criteria-I

1.1.1 Effective curriculum delivery

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

Sr.No.	Documents	File No	Place
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.

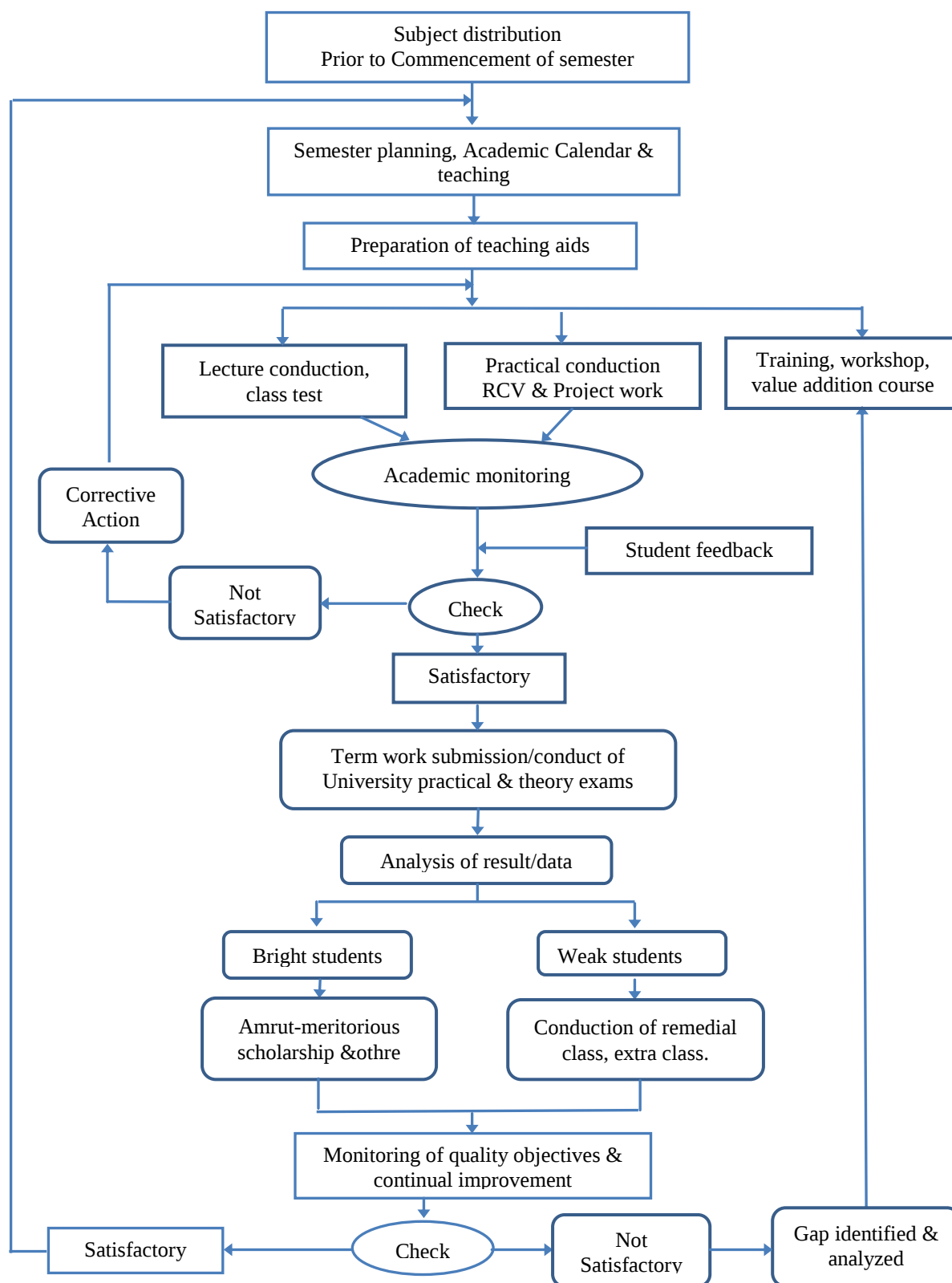


Fig. 1.1.3: Flowchart of effective curriculum delivery



Amrutvahini College of Engineering, Sangamner

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.



Amrutvahini College of Engineering, Sangamner

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



Amrutvahini College of Engineering, Sangamner

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



APPROVAL PROCESS 2022-23

Extension of Approval (EoA)

F.No. Western/1-10969733280/2022/EOA

Date: 03-Jul-2022

To,

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

Sub: Extension of Approval for the Academic Year 2022-23

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-7576531	Application Id	1-10969733280
Name of the Institution	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Name of the Society/Trust	AMRUTVAHINI SHETI & SHIKSHAN VIKAS SANSTHA SANGAMNER
Institution Address	AMRUTHNAGAR, GHULWADI, SANGAMNER, DIST - AHMEDNAGAR, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608	Society/Trust Address	GHULEWADI, SANGAMNER, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608
Institution Type	Private-Self Financing	Region	Western
Year of Establishment	1983		

To conduct following Courses with the Intake indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AUTOMATION AND ROBOTICS	University of Pune, Pune	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	University of Pune, Pune	120	120	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING	University of Pune, Pune	120	120	NA	NA

Application No:1-10969733280

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

Printed By : ae861661

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 1 of 4

Letter Printed On:8 July 2022



Amrutvahini College of Engineering, Sangamner

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	University of Pune, Pune	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMPUTER ENGINEERING	University of Pune, Pune	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	University of Pune, Pune	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	University of Pune, Pune	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	University of Pune, Pune	120	120	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	DESIGN ENGINEERING	University of Pune, Pune	12	6	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	STRUCTURAL DESIGN	University of Pune, Pune	18	18	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING	University of Pune, Pune	12	6	NA	NA
POST GRADUATE	MANAGEMENT	MBA	University of Pune, Pune	60	60	NA	NA

It is mandatory to comply with all the essential requirements as given in APH 2022-23 (Appendix 6)

Application No:1-10969733280

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 2 of 4

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

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Letter Printed On:8 July 2022



Amrutvahini College of Engineering, Sangamner

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 2022-23 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. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE beginning with the Academic Year 2022-23
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as Approval Process Handbook and provisions made in 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.

Pharmacy Institute: In compliance with the order dated 05.03.2020 passed by the Hon'ble Supreme Court of India in Transferred Petitions (CIVIL) No 87-101 of 2014, for the existing institutions offering courses in Pharmacy Programme, approval of Pharmacy Council of India (PCI) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per the respective regulatory body (PCI). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by PCI, the approval of PCI shall prevail.

Architecture Institute: In compliance with the order dated 08.11.2019 passed by the Hon'ble Supreme Court of India in CA No.364/ 2005, for the existing Institutions offering Courses in Architecture Programme, approval by the Council of Architecture (CoA) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per respective regulatory body (CoA). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by CoA, the approval of CoA shall prevail.

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.

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



Amrutvahini College of Engineering, Sangamner

5. **The Regional Officer,**
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra

6. **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, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

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



200800101

शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.:सीए/५३१

दि.:५ ऑगस्ट, २०२०

प्रति,

मा. प्राचार्य,

अमृतवाहिनी शेती व शिक्षण विकास संस्था अमृतवाहिनी

इंजिनिअरिंग कॉलेज पत्ता: संगमनेर एस के ता.: संगमनेर जि:

अहमदनगर पिनकोड: 422608

[CEGA016260]

विषय:- शैक्षणिक वर्ष २०२०-२०२१, या वर्षाकरिता संलग्नीकरणाचे 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 संलग्नीकरणाच्या 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)	संलग्नीकरणाचा प्रकार
1	एम.इ. (इंजिनिअरींग) माइक्रोवेव्स	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
2	एम.इ. (कॉम्प्युटर)	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 इंजीनियरिंग)	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 टेलिकम्युनिकेशन)	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण
9	बी.ई. (कॉम्प्युटर)	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

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

26/5/05

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

REGISTRAR
Amrutvahini College of Engineering
Amrutnagar, P.O. Sangamner (S.K.) 432608
Dist. Ahmednagar



Amrutvahini College of Engineering, Sangamner

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- 2022-23

SEM- II

Prepared and circulated on: 16/01/2023w.e.f. 23/01/2023

SR NO.	NAME OF STAFF	F.E.		S.E.			T.E.			B.E.			TOTAL
		TH	PR	TH	PR	Tut.	TH	PR	Tut.	TH	PR	Tut.	
1	Dr.S. S. Kadlag				PBL-04						PECD-04	PECD-04	12
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	CADEM(B)-02				18
4	Prof. T. R. Bhanegaonkar			EMC-I-04	EMC-I-08		EM-04				PECD-02		18
5	Prof. A. K. Pathak			NA-04	NA-08					EHVAC-04	PECD-02		18
6	Prof. A. S. Pande			PS-I-04			CSE-04	CSE-08	CSE-01				17
7	Prof. M. S. Gadakh			NMCP-04	NMCP-08			CADEM(B)-06		IE-04			22
8	Prof. S. M. Ingale				PBL-06		Audit-02	Internship-04		SG-04			16
9	Prof. A. A. Pathare			Audit -02	FMA(B)-04					SGP-04	SGP-08		18
10	Prof.Y.U.Kakad			FMA-04	FMA(A)-08	FMA (B)-04	PBL-02			Audit -02			20
11	Prof.A.A.Joshi	BEE-10	BEE-10										20
12	Prof. S. J. Aher	BEE-10	BEE-10										20
13	Prof. Vijay Kumar	BEE-10	BEE-10										20
TOTAL		30	30	22	56	--	18	36	02	22	16	--	232

Prof. M.S. Gadakh
Time Table in charge

Dr. S. S. Kadlag
HOD

Dr. M. A. Venkatesh
Principal

ACAD-R-03, Rev.: 00 Date: 15-06-2017



Amrutvahini College of Engineering, Sangamner

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-

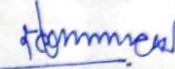
Savitribai Phule Pune University (formerly University of Pune)					
Circular No. 173 of 2022					
<u>Important Notification</u>					
Dates of Commencement and Conclusion of terms for the Academic Year 2022-23 for Affiliated Colleges / Recognised Institutes.					
It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2022-23 shall be as under :					
Sr No	Name of the Courses , Faculties & Year	2022 - 2023			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology				
	Science	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	B.Engineering : II	17/08/2022	10/12/2022	02/01/2023	29/04/2023
	B.Engineering : III IV	18/07/2022	05/11/2022	02/01/2023	29/04/2023
	M.Engineering : II	18/07/2022	12/11/2022	09/01/2023	06/05/2023
	B.Architecture : II	08/08/2022	04/12/2022	19/12/2022	04/05/2023
	B.Architecture : III IV V	20/06/2022	08/11/2022	19/12/2022	04/05/2023
	M.Architecture:II Architecture II	19/09/2022	07/01/2023	23/01/2023	20/05/2023
	B. Pharmacy: II III	01/08/2022	10/12/2022	02/01/2023	10/05/2023
	B. Pharmacy: IV	15/07/2022	03/12/2022	02/01/2023	10/05/2023
	M. Pharmacy : II	01/08/2022	10/12/2022	26/12/2022	30/06/2023
2	Commerce & Management				
	Commerce	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	MBA II (Includes SIP project of 8 week)	01/09/2022	30/01/2023	15/02/2023	26/05/2023
	MCA II	01/09/2022	16/12/2022	02/01/2023	15/04/2023
3	Humanities				
	Arts	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	Mental Moral and Social Sciences				
	L.L.B. II	31/10/2022	31/01/2023	06/02/2023	15/05/2023
	L.L.B. III	04/07/2022	08/11/2022	05/12/2022	15/05/2023
	B. A. L.L.B. II	31/10/2022	31/01/2023	06/02/2023	20/05/2023
4	Inter-disciplinary Studies				
	Education : II	15/09/2022	06/01/2023	17/01/2023	10/05/2023
	Physical Education : II	15/09/2022	06/01/2023	17/01/2023	10/05/2023
	B. Lib. & M. Lib.	15/07/2022	25/11/2022	02/01/2023	04/05/2023
	Fine Arts & Performing Art	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	Journalism PG	15/07/2022	25/11/2022	02/01/2023	04/05/2023



Amrutvahini College of Engineering, Sangamner

NOTE :

1. The dates of commencement and conclusion of the University concerned Department / Affiliated Colleges / Recognised Institutes for the Academic year of all those courses whose admission was made under Common Entrance Test (CET) conducted by Government of Maharashtra will be declared separately.
2. In case, the Principal of the Affiliated Colleges requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.


Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/230
Date: 10/06/2022

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, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University concerned 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-

Ref: PE/Dean Office/SS/2022-23

AMRUTV^{NI} COLLEGE OF ENGINEERING, S. GAMNER-422605

Date: 26 Jan 2023

	ACTIVITY CALENDAR														GENERAL														YEAR 2022-2023														SEMESTER - II																																																																																																																																																																																																																																																																																																																																																																																																																
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Amrutvahini College of Engineering, Sangamner

Department calendar-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER-422608																																
ACTIVITIES CALENDAR								ELECTRICAL ENGINEERING								YEAR 2022-2023								SEMESTER-I								
DAY	FRI	SAT	SUN	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	SAT	SUN	
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	
JULY																																
ACTIVITIES																																
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	
AUGUST																																
ACTIVITIES																																
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	
SEPTEMBER																																
ACTIVITIES																																
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	
OCTOBER																																
ACTIVITIES																																
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	
NOVEMBER																																
ACTIVITIES																																
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	
DECEMBER																																
ACTIVITIES																																
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	
TOTAL WORKING DAYS (TE & BE) = 90 DAYS AND SE = 96 DAYS																																

Practical/Oral/ Project Examination S E T E & B E

M.E Practical Exam -

PM - Principal Meeting

DM - Departmental Meeting

SEMESTER SE - 17/08/2022 TO 10/12/2022

TE-BE- 18/07/2022 TO 5/11/2022

ME- 18/07/2022 TO 12/11/2022

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

GD - Group Discussion - 3

Debate - 3

TM - Tutor Meeting - 7

GL - Guest Lecture - 3

AT - Aptitude Test - 3

IV - Industrial Visit - 3

Extempore - 2

Value Added Course - 3

IEI Chapter Activity - 2

Dr. N. A. Venkatesh
(Principal)

Amrutvahini College of Eng.
SANGAMNER - 422 608
Dist.-Ahmednagar (M.S.)

ACAD-R-01 Rev. 00 Date 15-06-2017



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

COMPUTER AIDED DESIGN OF ELECTRICAL MACHINES (CAY: 2022-23)

TEACHING PLAN, 2022-2023

Subject:	Computer Aided Design of Electrical Machines	Code:	303149
Class:	T.E.(Electrical)	Theory:	03 hrs. / Week

Lecture No.	Date	Topics to be covered	Cumulative % Syllabus Coverage	Status [Completed/Not Completed]	Methodology/ Pedagogy/ Learning Aid
UNIT - I Transformer Design: Part 1					
1	10/02/23	Introduction of subject, marking scheme etc.	16%		Chalk and board
2	13/02/23	Modes of heat dissipation. Heating and cooling curves. Calculations of heating and cooling time constants.			Chalk and board
3	15/02/23	Methods of cooling of transformer			Chalk and board
4	16/02/23	<i>*Working principle of transformer</i> Types and constructional features of core and windings used in transformer			Chalk and board
5	17/02/23	Transformer auxiliaries such as tap changer, pressure release valve, breather and conservator			Chalk and board
6	20/02/23	Specifications of three phase transformers as per IS 2026 (Part I)			Chalk and board
7	22/02/23	Specifications of three phase transformers as per IS 2026 (Part I)			Chalk and board
8	23/02/23	Numerical on heating and cooling time constant			Chalk and board
9	27/02/23	Introduction to computer aided design			Chalk, PPT and board
UNIT - II Transformer Design: Part 2					
10	01/03/23	Output equation with usual notations	33%		Chalk and board
11	02/03/23	optimum design of transformer for minimum cost			Chalk and board
12	03/03/23	optimum design of transformer for minimum loss			Chalk and board
13	06/03/23	<i>*Losses in transformer</i> Design of core			Chalk and board
14	08/03/23	estimation of overall dimensions of frame and windings of transformer			Chalk and board
15	09/03/23	estimation of overall dimensions of frame and windings of transformer			Chalk and board
16	10/03/23	Design of tank with cooling tubes			Chalk and board
17	13/03/23	Design of tank with cooling tubes			Chalk and board
UNIT - III Performance parameters of Transformer					
18	15/03/23	<i>*Equivalent circuit of transformer</i> Estimation of resistance and leakage reactance of transformer.	50%		Chalk and board
19	16/03/23	Estimation of resistance and leakage reactance of transformer			Chalk and board
20	17/03/23	Estimation of no-load current, losses, efficiency and regulation of transformer			Chalk and board
21	20/03/23	Estimation of no-load current, losses, efficiency and regulation of transformer			Chalk and board
22	23/03/23	Calculation of mechanical forces developed under short circuit conditions measures to overcome this effect			Chalk and board
23	24/03/23	Calculation of mechanical forces developed under short circuit conditions. measures to overcome this effect			Chalk and board
24	27/03/23	Computer aided design of transformer			Chalk and board
25	29/03/23	generalized flow chart for design of transformer			Chalk, PPT and board
UNIT - IV Three phase Induction Motor Design: Part I					
26	31/03/23	<i>*Working principle of three phase induction motor</i>	66%		Chalk and board

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Amrutvahini College of Engineering, Sangamner

COURSE PLAN AND INFORMATION SHEET COMPUTER AIDED DESIGN OF ELECTRICAL MACHINES (CAY: 2022-23)

UNIT – V Three phase Induction Motor Design: Part2					
34	19/04/23	Suitable combinations of stator and rotor slots.	84%		Chalk and board
35	20/04/23	Selection of length of air gap, factors affecting length of air gap			Chalk and board
36	21/04/23	Design of rotor slots, size of bars and end rings for cage rotor. Conductor size			Chalk and board
37	24/04/23	Design of rotor slots, size of bars and end rings for cage rotor. Conductor size			Chalk and board
38	26/04/23	turns and area of rotor slots for wound rotor			Chalk and board
39	27/04/23	turns and area of rotor slots for wound rotor			Chalk and board
40	28/04/23	Numerical on design of rotor slots			Chalk and board
41	03/05/23	Numerical on design on size of bars, end rings.			Chalk and board
UNIT – VI Performance parameters of Three Phase Induction motor					
42	04/05/23	<i>*Equivalent circuit of three phase induction motor</i> Leakage flux and leakage reactance: Slot, tooth top, zig - zag, overhang. Leakage reactance calculation for three phase machines	100%		Chalk and board
43	08/05/23	MMF Calculation for air gap, stator teeth, stator core, rotor teeth and rotor core			Chalk and board
44	10/05/23	MMF Calculation for air gap, stator teeth, stator core, rotor teeth and rotor core			Chalk and board
45	11/05/23	effect of saturation, effects of ducts on calculations of magnetizing current			Chalk and board
46	12/05/23	Calculations of no-load current.			Chalk and board
47	15/05/23	Calculations of losses and efficiency.			Chalk and board
48	17/05/23	Computer aided design of induction motor			Chalk and board
49	18/05/23	Generalized flow chart for design of induction motor			Chalk, PPT and board
50	19/05/23	<i>**Importance of computer aided design of electric machine in public/industrial sector</i>			Chalk, PPT and board

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

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

Note: - On & above and Bridging the gap should be added in the teaching plan with **bold and Italic**

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



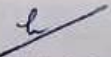
Amrutvahini College of Engineering, Sangamner

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: 2022-23)

PRACTICAL PLAN, 2022-2023		
Subject:	Computer Aided Design of Electrical Machines	Code: 303149
Class:	T.E. (Electrical)	Theory: 04hrs. / week

Practical No.	Week	Practical to be covered
1	06/02/23-11/02/23	General Introduction of the Practical's, Marks (Record, Conduction, Viva-voce) & Lab
2	13/02/23-17/02/23	Details and assembly of transformer with design report. (Sheet in CAD)
3	20/02/23-22/02/23	Details and assembly of transformer with design report. (Sheet in CAD)
4	27/02/23-04/03/23	Details and layout of single layer three phase winding with design report. (Sheet in CAD)
5	06/03/23-11/03/23	Details and layout of double layer three phase winding with design report. (Sheet in CAD)
6	13/03/23-18/03/23	Details and layout of double layer three phase winding with design report. (Sheet in CAD)
7	20/03/23-25/03/23	Details and layout of three phase mush winding with design report. (Sheet in CAD)
8	27/03/23-01/04/23	Assembly of three phase induction motor. (Sheet in CAD)
9	03/04/23-08/04/23	Assembly of three phase induction motor. (Sheet in CAD)
10	10/04/23-15/04/23	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.
11	17/04/23-22/04/23	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	24/04/23-29/04/23	Report based on transformer manufacturing/repairing unit.
13	02/05/23-06/05/23	Report based on transformer manufacturing/repairing unit.
14	08/05/23-13/05/23	Report based on induction motor manufacturing/repairing unit
15	15/05/23-19/05/23	<i>To understand the role of electrical CAD in machine manufacturing</i>


(Prof.J.R.Rokde/Prof.M.S.Gadakh)
Staff In-Charge


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

Note: - On & above and Bridging the gap should be added in the Practical plan with ***bold and Italic***

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



Amrutvahini College of Engineering, Sangamner

Time Table-

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



Amrutvahini College of Engineering, Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
MASTER TIME TABLE, 2022-23

W. E. R. 22/06/2023

Day	Time Slot	9.30-9.45	9.45-10.00	10.10-10.30	10.30-11.00	11.00-11.15 AM	11.15-11.30 AM	11.30-11.45	11.45-12.00	12.00-12.15
Monday	BE	MPC I/NA/PBL/PMA(A) S1/S2/S3/S4		MPC-I		PMA		NMCP		PS-I
	TE	CADEN		CSE		CADEN(A) / PS-II / CSE T1 / T2/T4		PS-II		Association Programs
	BE	SGP		Library		SG		EHVAC		Association Programs
Tuesday	SE	NA/PBL/PMA(A)/MPC I S1/S2/S3/S4		PMA		MPC-I		NA		PS-I
	TE	PS-II		CSE		CADEN(A) / CADEN(B) / PS-II T2 / T1 / T4		EM		AUDIT
	BE	SG		PECD		SGP		PECD / SGP B1 / B3		LIBRARY
Wednesday	SE	PBL/PMA(A)/MPC I/NA S1/S2/S3/S4		MPC-I		PMA		NA		NMCP
	TE	CADEN		PS-II		CADEN(A) / CADEN(B) / CSE T3 / T2 / T1		EM		CSE
	BE	PECD		SGP		SG		PECD / SGP B2 / B4		AUDIT
Thursday	SE	FMA(A)/MPC I/NA/PBL S1/S2/S3/S4		MPC-I		AUDIT		NMCP		PS-I
	TE	PS-II (T)		CSE		CADEN(A) / CADEN(B) / CSE / PS-II T4 / T3 / T2 / T1		EM		CADEN
	BE	SG		PECD		EHVAC		PECD / SGP B3 / B1		Association Programs
Friday	SE	FMA(B)/NMCP/PBL S3/S4/S1		FMA		NA		FMA(B)/NMCP/PBL S2/S3/S4		PS-I
	TE	EM		CADEN		CADEN(B) / CSE / PS-II T4 / T3 / T2		CSE (T)		PS-II
	BE	SGP		PECD		PECD / SGP B4 / B2		PROJECT		Association Programs
Saturday	SE	FMA(B)/NMCP/PBL S4/S1/S2		FMA(B)/NMCP/PBL S1/S2/S3		FMA(B)/NMCP/PBL S1/S2/S3		PROJECT		Seating arrangement SE-T-17 TE-T-18 BE-T-17 & 18
	TE	INTERNSHIP		INTERNSHIP		INTERNSHIP				
	BE	PROJECT		PROJECT		PROJECT				

SE	TE	BE	
Subject	Name of staff	Subject	
Power System-I (PS-I)	Prof. A. S. Pande	Power Electronic controlled Drives (PECD)	Dr. S. S. Kadlag
Electrical Machines-I (EM-I)	Prof. T. R. Bhargavkar	Control System Engineering (CSE)	Prof. A. S. Pande
Network Analysis (NA)	Prof. A. K. Patkar	Electrical Machines (EM)	Prof. T. R. Bhargavkar
Numerical Methods & Computer Programming (NMCP)	Prof. M. S. Gadakh	Computer Aided Design of Electrical Machine (C.A.D.E.M)	Prof. J. R. Rikade
Fundamentals of Microprocessor & Microcontroller (FMA)	Prof. Y. U. Kakat	Audio course	Prof. S. M. Ingole
Audio course	Prof. A. A. Patkar	InterShip	Prof. S. M. Ingole

SE	TE	BE	
Subject	Name of Faculty	Subject	
EM-I	Prof. T. R. Bhargavkar	PS & ED Lab.	Dr. S. S. Kadlag
NA	Prof. A. K. Patkar	EMI Lab./ Embedded lab.	Prof. A. A. Patkar
NMCP	Prof. M. S. Gadakh	SGP Lab.	Prof. A. A. Patkar
FMA(A)	Prof. Y. U. Kakat		
FMA (B)	Prof. A. A. Patkar		
PBL	Prof. J. R. Rikade		
	Prof. S. S. Kadlag		
	Prof. S. M. Ingole		

(Prof. M. S. Gadakh)
Time Table I/C

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

(PRINCIPAL)
Amrutvahini College of Engg.
SANGAMNER- 422608
Dist. Ahmednagar (M.S.)

HEAD OF THE DEPARTMENT
ELECTRICAL ENGINEERING
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608 **ACAD-R-02, Rev.: 00 Date: 15-06-2017**



Academic audit and ISO audit is conducted to have continuous monitoring and corrective action in teaching learning process. Academic audit is conducted at the beginning of semester to check the course file, personal file. The discrepancies found will be corrected with in time by concern department. The course file and personal file audit report format is attached bellow that shows the various activities to be check.

Amrutvahini College of Engineering, Sangamner

ACADEMIC AUDIT: COURSE FILE CHECKING REPORT

Semester :

Date: / /

Department :

[illegible]

Name & Sign. of Committee Members

Name & Sign. of HoD _____

ACAD-R-27C, Rev.: 00 Date: 16-06-2015



Personal file checking report

Amrutvahini College of Engineering, Sangamner

ACADEMIC AUDIT: PERSONAL FILE CHECKING REPORT

Academic Year :

Date: / / .

Department :

[illegible]

Name & Sign. of Committee Members

Name & Sign. of HoD

Faculty maintain course file. After preparation of course file, as per academic calendar and time table lectures & practicals are conducted by respective department. Along with this project allocation is also done.



Amrutvahini College of Engineering, Sangamner

Continuous Evaluation

Assignment/practical/term work is continuously checked by the concern faculty by conducting RCV (R-Record; C-Conduction, V- Viva) and in new format i.e. in lab index card by ACO(A- Attendance, C- Conduct, O- Oral). The sample of attendance sheet and lab index card shown below indicates the continuous assessment.

Sample of practical Attendance sheet

REGISTER OF ATTENDANCE		
Course Code	Name of the Course	Practical (Hrs./week)
303149	Computer Aided Design of Electric Machines	04

Start of the Class w.e.f.	:	10/09/2023
No. of Practical Planned	:	09
No. of Practical Conducted	:	09

	
Signature of the Faculty	Signature of H.O.D.

Year 2022 - 2023	Semester Start	End of 1 st Month	End of 11 th Month	Semester End
Signature of Faculty				
Signature of H.O.D.				
Signature of Principal				



Amrutvahini College of Engineering, Sangamner

Sample of practical evaluation on the basis of RCV (record, conduction, viva)

		Batch T3 Academic										Year 2022 - 2023									
		Expt. No. 1		Expt. No. 2		Expt. No. 3		Expt. No. 4		Expt. No. 5		Expt. No. 6		Expt. No. 7		Expt. No. 8		Expt. No. 9		Expt. No. 10	
		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation	
Roll No.		A	C	O	T	Sign.	A	C	O	T	Sign.	A	C	O	T	Sign.	A	C	O	T	Sign.
1		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
2		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
3		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
4																					
5		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
6		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
7		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
8		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
9		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
10																					
11		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
12		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
13		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
14		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
15		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
16		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
17		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
18		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
19		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
20		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
* A = Attendance, C = Conduction, O = Oral T = Total																					

		Year 2022 - 2023										Year 2022 - 2023									
		Expt. No. 6		Expt. No. 7		Expt. No. 8		Expt. No. 9		Expt. No. 10		Expt. No. 6		Expt. No. 7		Expt. No. 8		Expt. No. 9		Expt. No. 10	
		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation		Evaluation	
Roll No.		A	C	O	T	Sign.	A	C	O	T	Sign.	A	C	O	T	Sign.	A	C	O	T	Sign.
1		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
2		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
3		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
4																					
5		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
6		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
7		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
8		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
9		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
10																					
11		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
12		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
13		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
14		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
15		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
16		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
17		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
18		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
19		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
20		5	5	4	14		5	5	4	14		5	5	4	14		5	5	4	14	
* A = Attendance, C = Conduction, O = Oral T = Total																					

RCV



Amrutvahini College of Engineering, Sangamner

Sample of project allocation-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER					
DEPARTMENT OF ELECTRICAL ENGINEERING					
B.E. PROJECT LIST: 2022-2023					
Group No.	Title of Project	Name of Student	Area of Project	Remark	Internal Guide Name/Qualification/Experience
1.	Smart Energy Management and Overload control of hostel rooms using IOT	Avhad Sanket Suresh Gatkane Vikas Harishchand Kakad Srushti Balu Kanawade Rasika Rajhans	Energy management		Prof.A.A.Joshi Qualification: ME Specialization: Control system Engg Teaching Experience: 8yrs
2.	Monitoring and Providing Charging Service on a Road Electrical Vehicle by Using IOT and Mobility Van	Deshmukh Gaurav Dhananjay Dethe Yukta Pradip Shelke Saurav Baban Thorat Abhishek Dagadu	Electric vehicle		Dr.K.V.Bhadane Qualification: Ph.D Specialization: Power system Teaching Experience: 20yrs
3.	Advanced and Optimization of Solar Water Pump	Khadangale Ankush Navnath Shirsat Tushar Dnyaneshwar Thorat Shweta Raosaheb Wandhekar Prashant Pandur	Renewable solar energy		Dr.K.V.Bhadane Qualification: Ph.D Specialization: Power system Teaching Experience: 20yrs
4.	An Automatic Driver's Drowsiness Alert System	Hase Pravara Shantaram Hase Vaishnavi Kalidas Jadhav Krushna Rajendra Jondhale Nitin Madhav	Embedded system		Prof.J.R.Rokde Qualification: ME Specialization: Electric Power system Teaching Experience: 14yrs
5.	Up gradation of UPS System of AVCOE Using Various Sensors	Mohalkar Pallavi Sawata Nehe Kartik Bharat Sahane Amit Vijay Sahane Amita Vijay	Electric Power system		Prof.S.J.Aher Qualification: M.Tech Specialization: Energy Teaching Experience: 12yrs
6.	GSM Based Transformer Health Care Monitoring With Overload Alert and Protection	Chavan Gayatri Somnath Deokar Priti Subhash Gadhe Pratiksha Shivaji Satpute Punam Ganesh	Electric Power system		Prof.S.J.Aher Qualification: M.Tech Specialization: Energy Teaching Experience: 12yrs
7.	Smart Parking Using RF-ID Card For College	Kashid Prathamesh Bhagwan Magar Tejas Kailas Mokashi Yadynesh Rajendra	Power electronics		Prof.T.R.Bhanegaonkar Qualification: ME Specialization: Electrical machine drive Teaching Experience: 12yrs

(Prof. J.R.Rokde)
Project Coordinator

(Dr.S.S.Kadlag)
HEAD OF THE DEPARTMENT
ELECTRICAL ENGINEERING
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER
Date: 15-06-2017



Amrutvahini College of Engineering, Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER					
8	Defense Security System With Ant bombing Technology Using LASER Gun	Parmar Bharat Kiran Abhale Vaibhav Rajendra Avhad Arpita Vinayak Bhaldand Vaibhav Dilip Shinde Nikita Sunil	Internet of things (IOT)		Prof.Y.U.Kakad Qualification: ME Specialization: Electric power system Teaching Experience: 8yrs
9	Detection of False-reading Attacks In Smart Grid Net-Metering System.	Dighe Atul Gorakshnath Ilag Sagar Balu Kulkarni Swarali Dinkar Pawase Apeksha Anil	Renewable energy sources		Prof.A.A.Pathare Qualification: ME Specialization: Electric power system Teaching Experience: 8yrs
10	Wireless Voice Operated Smart Elevator Control System	Kuvar Vaishnavi Vilas Rahane Kanchan Babasaheb Vidhate Priyanka Ramesh Wackchaure Rutuja Balasah	Control system		Dr.S.S.Kadlag Qualification: Ph.D Specialization: Electrical engg Teaching Experience: 12yrs
11	Remote Monitoring and Controlling of Electrical Devices For Industrial Applications	Jondhale Yogesh Machhindra Phasale Yogesh Chhaburao Sodnar Kishor Ramesh Tambe Vaibhav Shashikant	Industrial automation		Prof.Vijaykumar Qualification: M.Tech Specialization: Power system Teaching Experience: 12yrs
12	Multirole Unmanned Aerial Quad copter	Deshpande Darshan Prakash Jamadade Ranjit Mahadeo Shelke Siddhi Kailas Wani Prathamesh Shivaji	IOT and artificial intelligence		Dr.S.S.Kadlag Qualification: Ph.D Specialization: Electrical engg Teaching Experience: 23yrs
13	IOT Based Smart Meter and Cost Monitoring System For EV Charging Station	Dagale Parashram Ashok Mandlik Nikita Sampat Pathare Gaurav Ramesh Puri Onkar Madhav	IOT and Electric vehicle		Prof.S.M.Ingle Qualification: ME Specialization: Electric power system Teaching Experience: 12yrs
14	Design and Development of a Robot Based System for a Precision Farming	Ghule Sakshi Balasaheb Warke Dhiraj Shailesh Zanzurne Radhika Bhaurav Zope Dipesh Sudhir	Automation		Prof.M.S.Gadakh Qualification: ME Specialization: Electric power system Teaching Experience: 12yrs
15	Intelligent Traffic Safety Measures by Speed Checking of Vehicle on Highway Near	Kotkar Vijayanti Bhausaheb Rahane Rohan Ajit Sayyad Vaseem Afsar	Electric vehicle		Prof.M.S.Gadakh Qualification: ME Specialization: Electric power system Teaching Experience: 12yrs

(Prof. J.R.Rokde)
Project Coordinator

HEAD OF THE DEPARTMENT
ELECTRICAL ENGINEERING
AMRUTVAHINI COLLEGE OF ENGINEERING



Amrutvahini College of Engineering, Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER				
16	To School Zone With Over Speed Alert and Control Smart Wireless Battery Charging of Electrical Vehicle With Charge Monitor	Wayal Mahesh Baburao Choure Mayuri Arun Gaikwad Kaveri Kailas Kolkar Ankita Aniruddha Pawar Smita Baliram Gosavi Aniket Ashok Jadhav Omkar Tukaram Kadnar Nandkishor Dnyande	Electric vehicle	Dr.S.S.Kadlag Qualification: Ph.D Specialization: Electrical engg Teaching Experience:23yrs
17	IOT Based Flood Monitoring and Alert System	Gomase Rupali Baburao Khemnar Vaishnavi Popat Nagare Rutuja Balasaheb Pande Aniket Prakash	Society	Prof.Vijaykumar Qualification: M.Tech Specialization: Power system Teaching Experience:12yrs
18	Solar Operated Battery Management System Using IOT	Deshmukh Neha Shantaram Kshirsagar Dnyaneshwar Bha Motirale Harshali Ravindra Wadekar Shiraj Ganesh	Renewable Energy sources	Prof.A.S.Pande Qualification: ME Specialization: control system Teaching Experience:12yrs
19	Smart I Robot for Healthcare System By Using SW Framework	Chavan Kartik Dilip Gorde Sanket Kailas Kute Sachin Bhaupatil Shinde Harshal Ramnath	Robotics and IOT	Prof.A.A.Pathare Qualification: ME Specialization: Electric power system Teaching Experience:8yrs
20	Solar Based Machine For Management of Plastic Waste	Phapale Akshay Baban Shembade Shrikrishna Kansr Sinare Rohan Anil Udar Ashutosh Pramod	Solid waste management	Prof.A.S.Pande Qualification: ME Specialization: control system Teaching Experience:12yrs
21	Control and Monitoring of Electrical Vehicle and Motor	Avhad Tejas Ravindra Kadlag Shreyas Bhausaheb Kale Rohini Kisan Rahane Tejal Balasaheb	Electric Vehicle	Dr.S.S.Kadlag Qualification: Ph.D Specialization: Electrical engg Teaching Experience:23yrs
22	Smart Wheelchair Using Artificial Intelligence Includes Voice Command and Gesture Control		Artificial intelligence	Prof.A.K.Pathak Qualification: M.Tech Specialization: Electric power system Teaching Experience:12yrs

(Prof. J.R.Rokde)
Project Coordinator

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



Amrutvahini College of Engineering, Sangamner

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-

AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422 608 DIST. AHMEDNAGAR, SANGAMNER

all subject type wise student attendance (from the date of joining college)

Report for Academic year 2022-2023 : Branch ELECTRICAL ENGINEERING ; Year = 3TE ; Semester SEM-V ; Section A ; From Date 18/07/2022 to 11/11/2022

roll no.	subject type → subject name → Student Name	THEORY										Student Sign
		ADVANCE MICROCONTROLL	ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES II		INDUSTRIAL AND TECHNOLOGY		POWER ELECTRONICS			
		45		37		39		39		39		
1	AVHAD KANCHAN S.	38	84.44	36	97.30	30	76.92	32	82.05	38	97.44	<i>[Signature]</i>
2	AVHAD RAKESH V.	34	75.56	32	86.49	33	84.62	29	74.36	34	87.18	<i>[Signature]</i>
3	AVHAD VAISHNAVI J.	38	84.44	35	94.59	34	87.18	32	82.05	34	87.18	<i>[Signature]</i>
4	BANSODE ABHYUDAY R.	8	17.78	0	0.00	0	0.00	0	0.00	1	7.69	
5	BHALCHIM AJIT R.	39	86.67	35	94.59	34	87.18	29	74.36	35	89.74	<i>[Signature]</i>
6	CHANDRATRE HARSHAL M.	20	44.44	27	72.97	29	74.36	27	69.23	25	64.10	<i>[Signature]</i>
7	DAHATONDE SURAJ Y.	37	82.22	31	83.78	31	79.49	29	74.36	34	87.18	<i>[Signature]</i>
8	DEORE PRAJAKTA N.	37	82.22	33	89.19	34	87.18	29	74.36	32	82.05	<i>[Signature]</i>
9	DHERANGE PRANAV S.	30	66.67	27	72.97	24	61.54	24	61.54	29	74.36	<i>[Signature]</i>

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THEORY												Student Sign
ADVANCE MICROCONTROLL		ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES II		INDUSTRIAL AND TECHNOLOGY		POWER ELECTRONICS				
45		37		39		39		39				
10	DIGHE ABHISHEK N.	34	75.56	32	86.49	29	74.36	29	74.36	31	79.49	<i>[Signature]</i>
11	DIGHE AKSHAY A.	26	57.78	32	86.49	31	79.49	29	74.36	34	87.18	<i>[Signature]</i>
12	DOKHE RUTUJAA.	37	82.22	33	89.19	37	94.87	30	76.92	39	100.00	<i>[Signature]</i>
13	DONGARE SAMADHAN S.	34	75.56	32	86.49	31	79.49	29	74.36	35	89.74	<i>[Signature]</i>
14	DUBE SAMARTH R.	33	73.33	32	86.49	30	76.92	29	74.36	34	87.18	<i>[Signature]</i>
15	GHARE PRAMOD R.	36	80.00	34	91.89	33	84.62	31	79.49	32	82.05	<i>[Signature]</i>
16	GHOLE BHUSHAN S.	36	80.00	32	86.49	32	82.05	29	74.36	36	92.31	<i>[Signature]</i>
17	GHUGE VITTHAL A.	37	82.22	33	89.19	38	97.44	35	89.74	32	82.05	<i>[Signature]</i>
18	GHULE ANISHA B.	40	88.89	34	91.89	39	100.00	35	89.74	39	100.00	<i>[Signature]</i>
19	GOPALE SAKSHI S.	36	80.00	34	91.89	33	84.62	30	76.92	34	87.18	<i>[Signature]</i>
20	GORLE GANESH S.	27	60.00	28	75.68	33	84.62	30	76.92	32	82.05	<i>[Signature]</i>
21	HARISHCHANDRE SHREYAS D.	30	66.67	30	81.08	31	79.49	29	74.36	33	84.62	<i>[Signature]</i>
22	INAMDAR NAVED Z.	38	84.44	34	91.89	35	89.74	32	82.05	34	87.18	<i>[Signature]</i>

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		THEORY										Student Sign
		ADVANCE MICROCONTROLL		ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES II		INDUSTRIAL AND TECHNOLOGY		POWER ELECTRONICS		
		45		37		39		39		39		
23	KADAM VISHAL B.	36	80.00	34	91.89	35	89.74	30	76.92	34	87.18	<i>[Signature]</i>
24	KADU KAMLESH D.	35	77.78	36	97.30	33	84.62	31	79.49	37	94.87	<i>[Signature]</i>
25	KALE TEJAS S.	36	80.00	36	97.30	34	87.18	32	82.05	33	84.62	<i>[Signature]</i>
26	KALE VAISHNAVI S.	37	82.22	33	89.19	35	89.74	34	87.18	36	92.31	<i>[Signature]</i>
27	KAMBALE TEJAS R.	33	73.33	33	89.19	33	84.62	29	74.36	33	84.62	<i>[Signature]</i>
28	KANDALKAR AKASH C.	38	84.44	31	83.78	34	87.18	33	84.62	33	84.62	<i>[Signature]</i>
29	KATORE SAI C.	36	80.00	36	97.30	36	92.31	34	87.18	34	87.18	<i>[Signature]</i>
30	KHALKAR PRATIK V.	29	64.44	31	83.78	31	79.49	28	71.79	34	87.18	<i>[Signature]</i>
31	KHARAT ARJUN D.	36	80.00	35	94.59	34	87.18	33	84.62	31	79.49	<i>[Signature]</i>
32	KHULE DARSHAN S.	29	64.44	27	72.97	25	64.10	27	69.23	25	64.10	<i>[Signature]</i>
33	KHULE TEJAS R.	38	84.44	36	97.30	36	92.31	34	87.18	33	84.62	<i>[Signature]</i>
34	KULKARNI AASHVARYA V.	36	80.00	32	86.49	29	74.36	29	74.36	36	92.31	<i>[Signature]</i>
35	KUTE SHUBHAM B.	37	82.22	33	89.19	32	82.05	29	74.36	33	84.62	<i>[Signature]</i>

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		THEORY										Student Sign
		ADVANCE MICROCONTROLL	ELECTRICAL INSTALLATION BASED MAINTENANCE	ELECTRICAL MACHINES II	INDUSTRIAL AND TECHNOLOGY	POWER ELECTRONICS						
		45	37	39	39	39						
36	MHASKE SANKA D.	38	84.44	31	83.78	33	84.62	29	74.36	35	89.74	<i>[Signature]</i>
37	MOKAL VAIBHAV A.	38	84.44	31	83.78	32	82.05	29	74.36	34	87.18	<i>[Signature]</i>
38	NIRMAL PRATIK B.	34	75.56	34	91.89	33	84.62	30	76.92	32	82.05	<i>[Signature]</i>
39	NITHAVE HARSHALI S.	37	82.22	30	81.08	35	89.74	34	87.18	36	92.31	<i>[Signature]</i>
40	PARDESHI KHUSHI R.	37	82.22	32	86.49	33	84.62	32	82.05	35	89.74	<i>[Signature]</i>
41	PATIL AMOL D.	34	75.56	33	89.19	31	79.49	29	74.36	32	82.05	<i>[Signature]</i>
42	PATIL NIKHIL S.	37	82.22	30	81.08	32	82.05	29	74.36	34	87.18	<i>[Signature]</i>
43	PATIL PUNAM P.	36	80.00	33	89.19	32	82.05	31	79.49	34	87.18	<i>[Signature]</i>
44	PAWAR AKSHADA A.	34	75.56	33	89.19	34	87.18	31	79.49	37	94.87	<i>[Signature]</i>
45	PAWAR SHALINI B.	35	77.78	34	91.89	34	87.18	28	71.79	34	87.18	<i>[Signature]</i>
46	PUJARI SHUBHAM D.	34	75.56	31	83.78	31	79.49	30	76.92	34	87.18	<i>[Signature]</i>
47	RAHANE SAKSHI R.	39	86.67	31	83.78	30	76.92	29	74.36	29	74.36	<i>[Signature]</i>
48	RAHANE SANKET S.	32	71.11	35	94.59	34	87.18	33	84.62	37	94.87	<i>[Signature]</i>

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Amrutvahini College of Engineering, Sangamner

		THEORY										Student Sign
		ADVANCE MICROCONTROLL		ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES I		INDUSTRIAL AND TECHNOL		POWER ELECTRONICS		
		45	37	39	39	39	39	39	39	39	39	
49	RAHANE SHRADDHA R.	37	82.22	34	91.89	30	76.92	30	76.92	34	87.18	Amriddha
50	RAHANE SUMEDH G.	37	82.22	34	91.89	38	97.44	33	84.62	36	92.31	Pol
51	RODE ARJUN B.	38	84.44	32	86.49	34	87.18	31	79.49	30	76.92	Arjun
52	SANGALE GAURAV G.	37	82.22	34	91.89	35	89.74	30	76.92	32	82.05	Gaurav
53	SARBANDE KAJAL B.	40	88.89	31	83.78	35	89.74	30	76.92	36	92.31	Kajal
54	SHELKE PALLAVI T.	39	86.67	33	89.19	34	87.18	32	82.05	36	92.31	Pallavi
55	SHELKE POOJA D.	36	80.00	33	89.19	35	89.74	32	82.05	36	92.31	Pooja
56	SHETE GAURI J.	38	84.44	35	94.59	34	87.18	29	74.36	34	87.18	Gauri
57	SHETE SHUBHAM B.	34	75.56	34	91.89	32	82.05	30	76.92	36	92.31	Shubham
58	SHINDE YOGESH K.	37	82.22	32	86.49	32	82.05	30	76.92	31	79.49	Yogesh
59	SHIRSATH NILESH R.	40	88.89	32	86.49	34	87.18	30	76.92	38	97.44	Nilesh
60	SINGH ARASHDEEP B.	40	88.89	33	89.19	33	84.62	31	79.49	36	92.31	Arashdeep
61	SOREN AYUSH R.	34	75.56	34	91.89	32	82.05	28	71.79	36	92.31	Ayush

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		THEORY										Student Sign
		ADVANCE MICROCONTROLL		ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES I		INDUSTRIAL AND TECHNOLOGY		POWER ELECTRONICS		
		45		37		39		39		39		
62	TAMBE VIKRAM B.	37	82.22	33	89.19	35	89.74	30	76.92	32	82.05	Vikram
63	THITE ABHISHEK S.	31	68.89	28	75.68	26	66.67	25	64.10	31	79.49	Abhishek
64	THORAT RUSHIKESH D.	39	86.67	30	81.08	31	79.49	30	76.92	32	82.05	Rushikesh
65	THORAT VAIBHAV S.	32	71.11	31	83.78	33	84.62	27	69.23	34	87.18	Vaibhav
66	THOSAR DNYANESHWARI S.	36	80.00	32	86.49	34	87.18	32	82.05	38	97.44	Dnyaneshwari
67	THOSAR MANISH K.	34	75.56	33	89.19	34	87.18	32	82.05	33	84.62	Manish
68	THOTE ANIMESH A.	35	77.78	32	86.49	36	92.31	31	79.49	32	82.05	Animesh
69	WAGH ROHIT S.	32	71.11	32	86.49	31	79.49	30	76.92	32	82.05	Rohit
70	WAGH SAKSHEE S.	36	80.00	34	91.89	35	89.74	35	89.74	33	84.62	Sakshee
71	WAKCHAURE ABHISHEK S.	34	75.56	33	89.19	36	92.31	33	84.62	31	79.49	Abhishek
72	WALE SATVIK R.	38	84.44	33	89.19	35	89.74	33	84.62	38	97.44	Satvik
73	WALKE VAISHNAVI S.	36	80.00	33	89.19	35	89.74	31	79.49	37	94.87	Vaishnavi
74	WARE PANKAJ S.	37	82.22	33	89.19	34	87.18	31	79.49	33	84.62	Pankaj

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Amrutvahini College of Engineering, Sangamner

		THEORY										Student Sign
		ADVANCE MICROCONTROLL	ELECTRICAL INSTALLATION BASED MAINTENANCE		ELECTRICAL MACHINES II		INDUSTRIAL AND TECHNOL		POWER ELECTRONICS			
		45	37		39		39		39			
75	WAYKOLE DEVESH R.	34	75.56	33	89.19	36	92.31	30	76.92	32	82.05	<i>[Signature]</i>
76	YENDHE RUTUJA G.	38	84.44	33	89.19	35	89.74	30	76.92	33	84.62	<i>[Signature]</i>
77	ZAMBARE PUSHPAK S.	36	80.00	31	83.78	35	89.74	30	76.92	34	87.18	<i>[Signature]</i>

Total Students : 77

ACAD-R-07, Rev. : 00 Date: 15-06-2017

Page 7 of 7



Amrutvahini College of Engineering, Sangamner

Sample of syllabus coverage

CLASS: SE		DEPARTMENT OF ELECTRICAL ENGINEERING CUMULATIVE NUMBER OF CLASSES/PRACTICALS TAKEN, 2022-23 SEMESTER: III															BRANCH: ELECTRICAL						
Sr.No.	Name of the Subject	Sub. code	No. of Classes/week	Pract. Batch No.	Week No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Sign of Staff		
1	Engg. Math-III	207006	3	---	Date Staff Name	17/8/22-20/8/22	22/8/22-25/8/22	28/8/22-31/8/22	01/9/22-04/9/22	07/9/22-10/9/22	13/9/22-16/9/22	19/9/22-22/9/22	25/9/22-28/9/22	01/10/22-04/10/22	07/10/22-10/10/22	13/10/22-16/10/22	19/10/22-22/10/22	25/10/22-28/10/22	31/10/22-03/11/22	07/11/22-10/11/22	14/11/22-17/11/22	21/11/22-24/11/22	
2	Power Generation Tech.	203141	3	---	SG	2	5	8	11	14	18	21	24	30	33	33	37	41	46	53			
3	Material Science	203142	3	---	KCM	1	4	6	9	12	15	17	20	22	25	25	27	30	33				
4	Analog & Digital Elecs	203143	3	---	ASP	2	5	7	8	9	11	14	17	20	23	23	26	28	29	31	36		
5	Electrical Measur. & Instru.	203144	3	---	TRB	0	2	5	7	10	14	16	16	22	24	24	26	31	38	40			
6	Material Science (A)	20312	2	S1	KVB	1	2	2	3	4	5	6	6	7	8	9	9	10	11	12			
				S2	ASP	0	1	2	3	4	5	5	6	7	8	9	9	10	11	12			
				S3	ASP	0	1	2	3	4	5	6	7	8	9	9	9	10	11	12			
				S4	ASP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Material Science (B)	203142	02#	S1	AAP	0	0	1	2	3	4	5	6	7	8	8	9	10	11	12			
				S2	MDP	0	1	2	3	4	5	6	7	8	9	9	10	10	11	12			
				S3	AAP	0	0	1	2	3	4	5	6	7	8	8	9	10	11	12			
				S4	MDP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	Electrical Measur. & Instru. (A)	203144	2	S1	KVB	0	1	2	3	4	5	6	6	7	8	8	9	10	10	10			
				S2	KVB	0	0	1	2	3	4	5	5	8	9	9	10	11	12	12			
				S3	MDP	0	1	1	2	3	4	5	-	-	-	-	-	-	-	-	-		
				S4	MDP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	Electrical Measur. & Instru. (B)	203144	02#	S1	JRR	0	1	2	3	3	4	5	5	6	6	7	7	8	9	10			
				S2	JRR	0	1	2	3	3	4	5	5	6	6	7	7	8	9	10			
				S3	JRR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACAD-R-03, Rev.: 00 Date: 15-06-2017																							

10	Analog & Digital Electronics	203143	2	S4	JRR	0	1	2	3	3	4	5	6	6	7	8	8	9	9	10		
				S1	TRB	0	1	2	3	4	5	6	6	9	10	10	11	12	13	14		
				S2	TRB	0	1	1	2	3	4	5	6	8	8	8	9	9	10	10		
				S3	TRB	0	0	1	2	3	4	5	6	7	8	8	9	10	10	11		
11	Application of Math. In Electrical Engineering	203151	2	S4	TRB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				S1	AKP	0	1	2	2	3	4	5	6	7	8	8	9	10	11	12		
				S2	AKP	0	1	2	3	4	5	6	7	8	8	8	9	10	11	12		
				S3	AKP	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13		
12	Soft skill	203152	2	S4	AKP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				S1	KCM	0	1	2	3	4	5	6	7	8	7	7	8	9	10	10		
				S2	KCM	1	2	3	3	4	5	6	7	8	7	7	8	9	10	11		
				S3	KCM	0	1	2	3	4	5	6	7	7	7	7	8	9	10	11		
ACAD-R-03, Rev.: 00 Date: 15-06-2017																						


Dr. S. S. Kadlag
Head of Department


Dr. M. A. Ventakesh
Principal

Dr. S. S. Kadlag
Head of Department

Dr. M. A. Ventakesh
Principal



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

Acad. P. 09 P. v. 15-06-2017



Amrutvahini College of Engineering, Sangamner

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

Amrutvahini College of Engineering, Sangamner
Department of Electronics and Telecommunication Engineering.

Ref/AE/ETC/8158/2022-23 Date: 07/02/2023

To,
The Principal,
AVCOE, Sangamner.

Subject: Permission to organize a one Day Workshop for First Year Students on **"Electronic Circuit design with SMD"** by Dept. of E&TC, on **10th Feb., 2023.**

Respected Sir,

The Dept. of E&TC of AVCOE used to organize Workshops/STTP's/Guest Lectures/National level Seminars,...etc. throughout the academic year frequently. We are planning to organize workshop one Day Workshop for First Year Students on **"Electronic Circuit design with SMD"** by Dept. of E&TC, on **10th Feb., 2023.**

Resource Person : **Pravinkumar P. Ambekar, Amb's C-DSP , Aurangabad .**

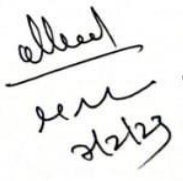
Coordinators: Ms. R.K.Kharat, Mrs. J.N.Pote & Mr.H.A.Shinde

So, I request you to permit us for organizing this workshop.

Thanking you.

Yours sincerely,


Dr. Ms. R.P. Labade
(HOD, E&TC)
Dept. Of Electronics & Telecomm. Engg.
Amrutvahini College Of Engineering
Sangamner, Dist.-Ahmednagar (MS)





Amrutvahini College of Engineering, Sangamner

Amrutvahini Sheti & Shikshan Vikas Sanstha's
Amrutvahini College of Engineering, Sangamner

Sangamner, P.O:Sangamner S.K.- 422 608, Dist : Ahmednagar (M.S.) India.
Web: www.avcoe.org E-mail: principal@avcoe.org Phone No. : (02425) 259096 Fax : (02425) 259016

Ref/AE/ETC/ 8158/ 2022-23

Date: 07/02/2023

To,
Pravinkumar P. Ambekar
Amb's C-DSP, Aurangabad.
Mobile : 8390904399
Email ID: ambekarpp@gmail.com.

Sub : Invitation Letter for conducting one Day Workshop for First Year Students on "**Electronic Circuit design with SMD**" by Dept. of E&TC, on 10th Feb., 2023.

Respected Sir,

Amrutvahini College of Engg.(AVCOE),Sangamner is one of the well known institute affiliated to University of Pune. The Dept. of E&TC of Amrutvahini College of Engineering, Sangamner used to organize Workshops,STTP's,Guest Lectures, National level Seminars,...etc throughout the academic year frequently.

Department of Electronics & Telecommunication organizing one Day Workshop for First Year Students on "**Electronic Circuit design with SMD**" by Dept. of E&TC, on 10th Feb., 2023. We are happy to invite you as a resource person for this workshop. We are very much sure that this workshop will definitely create an interest among the students about robotics field and increase their knowledge.

It will be a pleasure to us to have you as a resource person for this workshop and I hope you would accept our invitation.

Thanking you,
With regards
Yours sincerely,

Dr.Ms.R.P.Labade
(HOD, ~~E&TC~~ **EOD**)

Dept. Of Electronics & Telecom. Engg.
Amrutvahini College Of Engineering
Sangamner, Dist.-Ahmednagar(MS)



Amrutvahini College of Engineering, Sangamner

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering

Sangamner, P.O: Sangamner S.K.- 422 608, Dist: Ahmednagar (M.S.) India.

Web: www.avcoe.org Email: principal@avcoe.org Phone no: (02425)- 259096 Fax: (02425) 259016

Ref: AE/ETC/8193 /2022-23

Date:21/2/2022

To,
The Principal,
AVCOE, Sangamner.

Subject: Conduction report of workshop on "Electronic Circuit Design with SMD" under association with IEEE MTT'S, IEEE AP'S Student branch chapters on 10th Feb 2023.

Respected Sir,

The department of Electronics and Telecommunication under IEEE MTT'S, IEEE AP'S student branch chapter conducted a workshop on "Electronic Circuit Design with SMD" on 10th Feb 2023. The workshop was beneficial for all students in understanding the advancement in surface mount technology development. This has played vital role in society today. It has positive and negative effects on the world and it impacts daily lives. The major fields of society that technology has impacted include: consumer electronics, telecommunications, medical devices, aerospace and defense systems, education and industries.

The details of this workshop were as follows:

Duration : 10th Feb 2023
Resource : **Mr. Pravinkumar P.Ambekar**
Person : Amb's C-DSP, Aurangabad

Total no. of : 45
students
attended the
lecture

Objectives : 1. To create awareness among the student related to Electronic hardware technologies.

Outcomes : 1. Students are able to gain knowledge of Printed Circuit Board Design.
2. Understand the concept of Electronics hardware design using SMD.
3. Design and development of delay logic circuit and experimentation on transistor in various modes of operation.

Coordinators : 1. Mr. Haribhau A. Shinde 2. Ms. Rakhi K.Kharat 2. Mrs. Jayarani N.Pote 3.

This is for your kind information.

Thanking You,

With regards,


Dr. Ms. R. P. Labade
(HOD, Dept. of E&TC)

Dept. Of Electronics & Telecom. Engrs
Amrutvahini College of Engineering
Sangamner, Dist. Ahmednagar



Amrutvahini College of Engineering, Sangamner

Attendance Report of workshop

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING Workshop on "Industrial Approach in Electronics" Attendance Sheet

Class: F. E. Common

Sr. No.	Division	Roll No.	Student Name	10/01/2023	
				Morning session (09am-01pm)	Afternoon session (02pm-5pm)
1	H	802	Patil Amit Bhagwan	AB	AB
2	G	706	Mheke Harshal Balendu	Mheke	Mheke
3	EK	1112	Nadhere Tanishq S.	Tanishq	AD
4	E	1152	Wale Siddhant D.	Siddhant	AB
5	H	805	Patil Bhavik Deepak	Bhavik	Bhavik
6	G	756	Katke Pankaj Someshwar	Pankaj	Pankaj
7	H	815	Patil Tejendrasingh Chandrasingh	Tejendrasingh	Tejendrasingh
8	G	723	Naikwadi Vedant B.	Vedant	Vedant
9	G	729	Nawale Satyam Rajaram	Satyam	Satyam
10	G	722	Noik Manish Narayan	Manish	Manish
11	H	825	Pawar Nikita Rajendra	Nikita	Nikita
12	E	550	Karpe Sumedha Gopinath	Sumedha	AD
13	E	562	Khatke Gaurav Sunil	Gaurav	AD
14	C	325	Gradekar Anuj Bhausaheb	Anuj	Anuj
15	C	387	Gandhale Omkar Bhausaheb	Omkar	Omkar
16	C	307	Dighe Suyog Ashok	Suyog	Suyog
17	I	954	Shete Om Shashikant	Om	Om
18	D	420	Gurjal Parit Sangay	Parit	Parit
19	D	419	Gurjal Parit Kailas	Parit	Parit
20	H	838	Jay Vijay Phad	Vijay	Vijay
21	H	817	Patil Tejendrasingh	Tejendrasingh	Tejendrasingh
22	K	1157	Walunj Abhinav Bhaskar	Abhinav	Abhinav
23	K	1121	Varpe Aniket	Aniket	Aniket
24	K	11	Walke Aditya	AD	AD
25	H	835	Pawase Sahil Kailas	Sahil	Sahil
26	H	822	Pawar Chandan Rajesh	Chandan	Chandan
27	B	258	Dhembre Mohit Sanjay	Mohit	AD
28	H	810	Manish Jaywant Patil	Manish	AD
29	K	1156	Walke Aditya Santosh	Aditya	Aditya
30	C	348	Ghodke Akhilesh Jyotirao	Akhilesh	Akhilesh
31	E	515	Kadlag Shreeraj Satish	Shreeraj	Shreeraj
32	E	516	Kadlag Tejesh Nilesh	Tejesh	Tejesh
33	H	813	Patil Rohan Anu	Rohan	Rohan
34	H	804	Patil Bhavik Suyam	Bhavik	Bhavik
35	J	1024	Singh Nitin Pravin	Nitin	Nitin
36	K	1144	Wokchaure Nikhil Nitin	Nikhil	Nikhil
37	H	810	Patil Manish Jaywant	Manish	Manish
38					



Amrutvahini College of Engineering, Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING Workshop on "Industrial Approach in Electronics"

Attendance Sheet

Class: F. E. Comm

39	K	1160	Waykar Ganesh Bhurasa	G.B.12	G.B.12
40	E	560	Khanbe Suresh Gopal	Shinde	Shinde
41	K	1133	Wagh Ayush Narasane	Shinde	Shinde
42	I	954	Shete Om Shashikant	Shinde	Shinde
43	E	533	Kale Karlik Raju	Shinde	Shinde
44	H	807	Patil Harshal Sharad	Shinde	Shinde
45	A	8	AD		
46	E	8	AD		
47	C	327	Gadekar Piyush D.	Shinde	Shinde
48	F	640	Lothare Devendra K.	Shinde	Shinde
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

Ms. R. K. Kharat/Mrs. J. N. Pote/Mr. H. A. Shinde
(Workshop Coordinator)

Dr. Ms. R. P. Labade
H.O.D.
Dept. Of Electronics & Telecom. Engg
Amrutvahini College Of Engineering
Sangamner, Dist. Ahmednagar, Ms.



Amrutvahini College of Engineering, Sangamner

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 2022
Marks Inward System for Colleges

*221213065
0267*
2212130650267

12/13/2022		1 of 1	
College Name	CEGA016260 - AMRUTWAHINI COLLEGE OF ENGINEERING		
Pattern Name	7041970 - B.E. (2019 PAT.) (ELECTRICAL)	Batch No	202210005427
Subject Name	403141 - Power System Operation & Control	Exam Type	ORAL OUT OF 25
Teacher Name	Rokde Jyoti Ramdas (Mob. No.: 9960526427) - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
87	87	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
B190102501	22	B190102526	19	B190102551	20	B190102576	19
B190102502	20	B190102527	23	B190102552	21	B190102577	23
B190102503	20	B190102528	19	B190102553	21	B190102578	22
B190102504	21	B190102529	21	B190102554	20	B190102579	21
B190102505	22	B190102530	20	B190102555	20	B190102580	20
B190102506	21	B190102531	19	B190102556	20	B190102581	20
B190102507	22	B190102532	20	B190102557	20	B190102582	22
B190102508	23	B190102533	20	B190102558	19	B190102583	20
B190102509	21	B190102534	21	B190102559	22	B190102584	20
B190102510	19	B190102535	21	B190102560	20	B190102585	19
B190102511	21	B190102536	20	B190102561	20	B190102586	21
B190102512	20	B190102537	20	B190102562	20	B190102587	20
B190102513	20	B190102538	20	B190102563	21		
B190102514	22	B190102539	20	B190102564	22		
B190102515	20	B190102540	20	B190102565	20		
B190102516	20	B190102541	21	B190102566	23		
B190102517	20	B190102542	21	B190102567	20		
B190102518	22	B190102543	21	B190102568	19		
B190102519	21	B190102544	20	B190102569	20		
B190102520	20	B190102545	19	B190102570	20		
B190102521	22	B190102546	20	B190102571	20		
B190102522	21	B190102547	20	B190102572	20		
B190102523	20	B190102548	20	B190102573	21		
B190102524	20	B190102549	21	B190102574	23		
B190102525	23	B190102550	20	B190102575	21		

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Amrutvahini College of Engineering, Sangamner



Savitribai Phule Pune University
Examination Session 2022
Marks Inward System for Colleges

*221213070
4181*
2212130704181

12/13/2022	1 of 1		
College Name	CEGA016260 - AMRUTVAHINI COLLEGE OF ENGINEERING		
Pattern Name	7041970 - B.E. (2019 PAT.) (ELECTRICAL)	Batch No	202210005430
Subject Name	403141 - Power System Operation & Control	Exam Type	TW OUT OF 25
Teacher Name	Rokde Jyoti Ramdas (Mob. No.: 9960526427) - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
87	87	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
B190102501	20	B190102526	19	B190102551	21	B190102576	20
B190102502	19	B190102527	23	B190102552	20	B190102577	24
B190102503	19	B190102528	21	B190102553	24	B190102578	22
B190102504	20	B190102529	22	B190102554	21	B190102579	19
B190102505	22	B190102530	20	B190102555	20	B190102580	19
B190102506	22	B190102531	19	B190102556	21	B190102581	22
B190102507	21	B190102532	22	B190102557	21	B190102582	20
B190102508	22	B190102533	19	B190102558	20	B190102583	19
B190102509	21	B190102534	21	B190102559	23	B190102584	20
B190102510	20	B190102535	23	B190102560	20	B190102585	20
B190102511	23	B190102536	21	B190102561	21	B190102586	22
B190102512	19	B190102537	21	B190102562	20	B190102587	21
B190102513	21	B190102538	23	B190102563	21		
B190102514	21	B190102539	21	B190102564	22		
B190102515	20	B190102540	21	B190102565	21		
B190102516	21	B190102541	22	B190102566	21		
B190102517	22	B190102542	21	B190102567	22		
B190102518	22	B190102543	22	B190102568	19		
B190102519	22	B190102544	20	B190102569	20		
B190102520	21	B190102545	19	B190102570	21		
B190102521	23	B190102546	23	B190102571	20		
B190102522	23	B190102547	22	B190102572	22		
B190102523	21	B190102548	22	B190102573	19		
B190102524	19	B190102549	24	B190102574	21		
B190102525	22	B190102550	21	B190102575	20		

Stamp & Authorized Signatory



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: NOV-DEC / 2022-2023
Class: SE (Electrical)

Total Students:74	Fail /ATKT:45
Distinction:07	All Clear:29
First Class:14	Percentage Result All Clear:39
Higher Second Class:08	Percentage Result ATKT:61
Second Class:00	

Sr. No	Name of Subject	Appear	Absent	Pass	Fail	% Result (Actual)	% Result (Targeted)	Name of Staff
1	Power Generation Technology	74	00	58	16	78	70%	Mr. K.C. Muley/Ms.J.R.Rokde /Mr. A. K. Pathak
2	Material Science	74	00	58	16	78	70%	Mr.A. S. Pande
3	Analog and Digital Electronics	74	00	40	34	54	70%	Mr.T. R. Bhanegonkar
4	Electrical Measurement & Instrument	74	00	50	24	68	70%	Dr.K. B. Bhadane
5	Engineering MathematicsIII	74	01	38	35	51	70%	Mr.S. N. Gorde

Last Three Years Result:

Sr. No.	Subject	2022-2023	2021-2022	2020-21
1	Power generation technology	78 %	100 %	100 %
2	Material Science	78 %	100 %	100 %
3	Analog and Digital Electronics	54 %	100 %	100 %
4	Electrical Measurement & Instrument	68 %	100 %	100 %
5	Engineering MathematicsIII	51 %	100 %	100 %

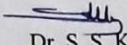
List of Toppers:

Sr. No.	Name of Student	SGPA1/CGPA	Class
1	DHMALE SANKET EKNATH	8.59	FD
2	KHAIRNAR PRITI JALINDAR	8.36	FD
3	KANAWADE VAISHNAVI SATISH	8.14	FD

List of Subject Toppers:

Sr. No.	Name of Student	Subject	Marks
1	DHMALE SANKET EKNATH KANAWADE VAISHNAVI SATISH	Power Generation Technology	78
2	VARPE SAKSHI NIVRUTTI	Material Science	83
3	KHAIRNAR PRITI JALINDAR	Analog and Digital Electronics	77
4	DHMALE SANKET EKNATH	Electrical Measurement & Instrument	72
5	KANAWADE VAISHNAVI SATISH	Engineering Mathematics III	86


Prof. A. S. Pande
 Incharge of Result Analysis


Dr. S. S. Kadlag
 Head of Department

ACAD-R-12, Rev: 01 Date:-22-01-2019



Amrutvahini College of Engineering, Sangamner

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.