



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



Amrutvahini College of Engineering, Sangamner

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

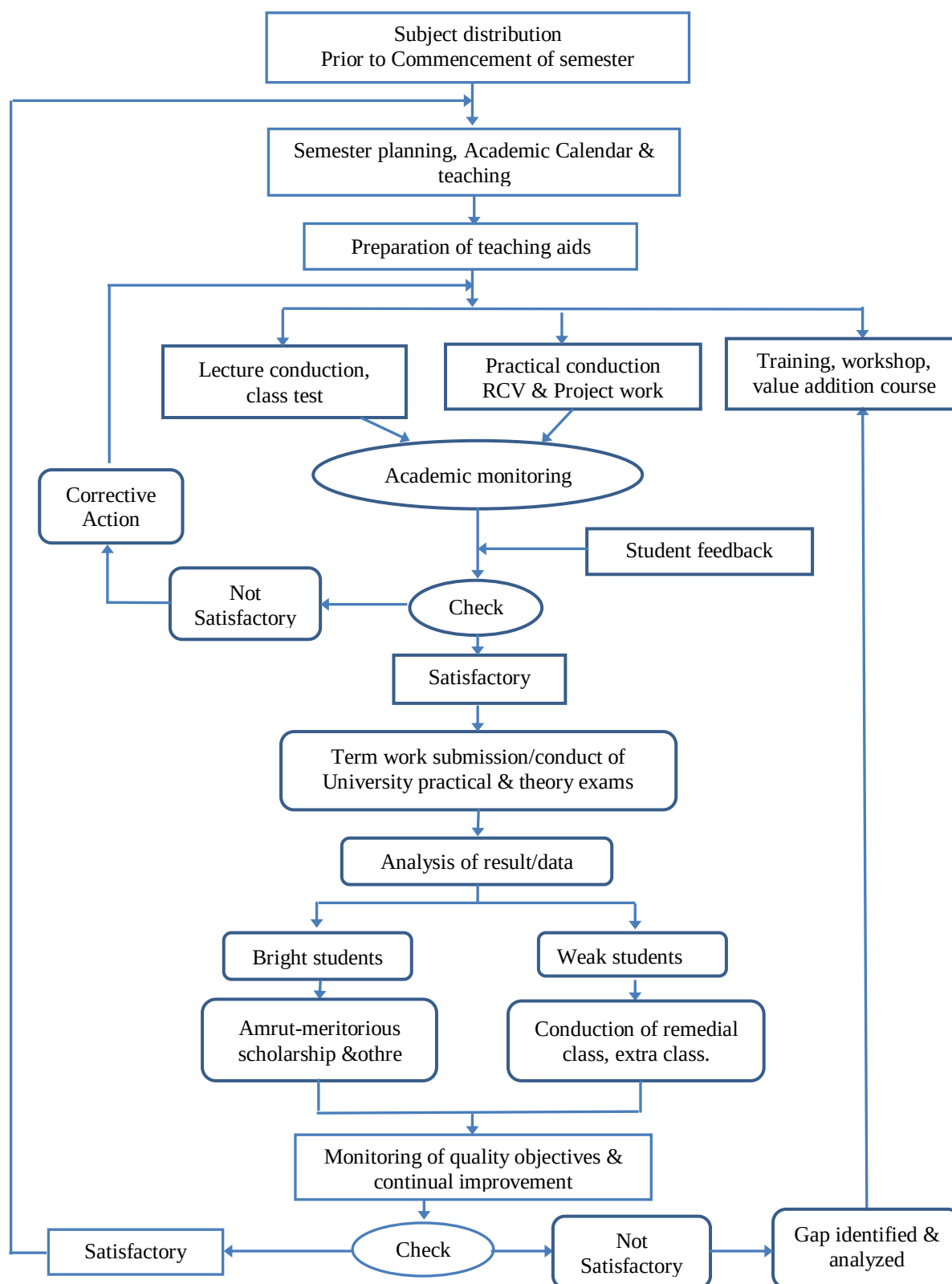


Fig. 1.1.3: Flowchart of effective curriculum delivery



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.



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 2021-22

Extension of Approval (EoA)

F.No. Western/1-9321225565/2021/EOA

Date: 10-Jul-2021

To,

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

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-7576531	Application Id	1-9321225565
Name of the Institution /University	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER	Name of the Society/Trust	AMRUTVAHINI SHETI & SHIKSHAN VIKAS SANSTHA SANGAMNER
Institution /University Address	AMRUTNAGAR, GHULWADI, SANGAMNER, DIST - AHMEDNAGAR, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608	Society/Trust Address	GHULEWADI, SANGAMNER, SANGAMNER, AHMEDNAGAR, Maharashtra, 422608
Institution /University Type	Private-Self Financing	Region	Western

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	University of Pune, Pune	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	University of Pune, Pune	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMPUTER ENGINEERING	University of Pune, Pune	60	60	NA	NA

Application No:1-9321225565

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:15 July 2021



Amrutvahini College of Engineering, Sangamner

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	University of Pune, Pune	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER ENGINEERING	University of Pune, Pune	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	University of Pune, Pune	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	DESIGN ENGINEERING	University of Pune, Pune	18	12	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL DESIGN	University of Pune, Pune	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER ENGINEERING	University of Pune, Pune	18	12	NA	NA
MANAGEMENT	POST GRADUATE	MBA	University of Pune, Pune	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL ENGINEERING	University of Pune, Pune	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICROWAVES	University of Pune, Pune	18	12	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	AUTOMATION AND ROBOTICS	University of Pune, Pune	0	60##	No	No

Approved New Course(s)

Course(s) Applied for Closure by the Institution for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (Univ/Body)	Course Closure Status
---------	-------	--------	------------------------------	-----------------------

Application No:1-9321225565

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 2 of 4

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

Printed By : ae861661

Letter Printed On:15 July 2021



Amrutvahini College of Engineering, Sangamner

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	PRODUCTION ENGINEERING	University of Pune, Pune	Approved
----------------------------------	-------------------	---------------------------	-----------------------------	----------

It is mandatory to comply with all the essential requirements as given in APH 2021-22 (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/ 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 now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 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 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 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.

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



Amrutvahini College of Engineering, Sangamner

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

इंजिनियरिंग 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 महाविद्यालयस 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 येणाऱ्या 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.ड. (इंजिनीरिंग) माइक्रोवेव्स	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
2	एम.ड. (कॉम्प्यूटर)	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
3	एम.ड. (सिविल) स्ट्रक्चरल इंजिनियरिंग	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
4	एम.ड. (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. (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

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\Rampise\Per.Aff.docD

[Signature]
REGISTRAR
Amrutvahini College of Engineering
Amrutnagar, P.O. Sangamner (S.K.) 432604
Dist. Ahmednagar

Registrar

26/5/05

Amrutvahini College	
Amrutnagar, P.O. Sangamner (S.K.)	
Inno. No. 5/1	
Date 27/05/2005	
<i>[Signature]</i>	Principal



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- 2020-21

SEM- II

Prepared and circulated on: 27/02/2021

w.e.f. 01/03/2021

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	Prof. S. S. Kadlag									PECD-04	PECD-04		08
2	Dr. K. V. Bhadhane			PS-I-03			PS-II-04	PS-II-06					13
3	Prof. J. R. Rokde			ET-04	ET-06			W/S-04					14
4	Prof. T. R. Bhanegaonkar						UEE-03			HVE-03	HVE-08		14
5	Prof. A. K. Pathak			EMC-I-04	EMC-I-08								14
6	Prof. A. S. Pande			Audit -02			CS-I-04	CS-I-08		SG-03			15
7	Prof. M. D. Pawar			NMCP-04	NMCP-08			PS-II-02					14
8	Prof. A. A. Pathare			FMA-04	FMA-08		Audit -02						14
9	Prof. R. A. Patil							W/S-04		SGP-03	SGP-08		15
10	Prof. A. S. Varade						DEM-04	DEM-08		PECD-04			16
11	Prof. S. M. Ingale						EAM-04	EAM-08					12
12	Prof. Anup Kumar			NA-04	NA-08					Audit -02			14
13	Prof. S. J. Aher	BEE-05	BEE-14										19
14	Prof. A. A. Joshi	BEE-10	BEE-08										18
15	Prof. Vijay Kumar	BEE-10	BEE-08										18
TOTAL		25	30	25	38	--	21	40	--	15	24	--	218

Prof. T. R. Bhanegaonkar
Time Table in charge

Prof. 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-



Amrutvahini College of Engineering, Sangamner

Savitribai Phule Pune University (Formerly University of Pune)



Circular No. 278 of 2021

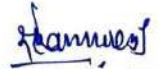
Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022 For Affiliated Colleges/Recognised Institutes

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

Name of the Faculty	Name of the Courses	Year	Revised 2021 - 2022			
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B.Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/2021	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

NOTE

1. All Programmes shall be conducted in Online Mode until further notice.
2. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.


Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3578
Date: 29/09/2021

Copy to:

The Heads of all University Departments, Savitribai Phule Pune University, Pune.
The Principals of all Affiliated Colleges, Savitribai Phule Pune University, Pune.
The Directors of all Recognized Institutes, Savitribai Phule Pune University, Pune.

Copy to: for information

The Members of the Management Council, Savitribai Phule Pune University, Pune.
The Registrar, Savitribai Phule Pune University, Pune.
The Deans of Faculties, Savitribai Phule Pune University, Pune.



Institute Calendar-

Department calendar-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER-422605

15



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 Electronics Controlled Drives (CAY: 2020-21)

Subject:		Power Electronics Controlled Drives	Code:	403148	
Class:		B.E.	Theory:	4 Hrs / week	
Lec ture No.	Date	Topics to be covered	% Syllabus Coverage	Status [Comp lete /Not Compl ete]	Methodol ogy/ Pedagogy/ Learning Aid
1.	02/03/21	Introduction of the Subject, Syllabus, Lesson Plan & Examination Pattern			
UNIT - I Electrical Drives					
2.	03/03/21	Classification of Electric Drives Definition, Advantages of electrical drives, Components of Electric drive system	16.5%		PPT,Q & A
3.	04/03/21	Selection Factors, Types of Electrical Drives (DC & AC) Motor			PPT,Q & A
4.	05/03/21	Motor Load Dynamics			PPT,Q & A
5.	09/03/21	Speed Torque conventions and multi quadrant operation			PPT,Q & A
6.	10/03/21	Equivalent values of drive parameters. Load Torque Components			PPT,Q & A
7.	11/03/21	Nature and classification of Load Torques			PPT,Q & A
8.	12/03/21	Constant Power operation of a Drive.			PPT,Q & A
9.	16/03/21	Steady state stability, Numerical based on motor load dynamics.			PPT,Q & A
UNIT - II DC Motor Drives					
10	17/03/21	Advantages of Electrical Breaking, A. Braking methods: Rheostatic , Plugging,	33%		PPT,Q & A
11	18/03/21	Regenerative. Closed loop control of drives:			PPT,Q & A
12	19/03/21	Current limit control, torque control and speed control.			PPT,Q & A
13	23/03/21	Single phase and three phases fully controlled converter drives			PPT,Q & A
14	24/03/21	Performance of converter fed separately excited DC Motor for starting and speed control operations			PPT,Q & A
15	25/03/21	Chopper controlled drives for separately excited DC Motor operations			PPT,Q & A



16	26/03/21	Chopper controlled drives FOR series DC Motor operations and Numerical		PPT,Q & A
17	01/04/21	Closed loop speed control of DC motor below and above base speed.		PPT,Q & A
UNIT - III Induction Motor Drives-I				
18	05/04/21	Speed-Torque Characteristics of Induction Motor ,Braking methods- DC Dynamic Braking.	50%	PPT,Q & A
19	06/04/21	AC Rheostatic braking, Plugging.		PPT,Q & A
20	07/04/21	Regenerative Braking, V/f control and comparison with stator voltage control		PPT,Q & A
21	08/04/21	Voltage source inverter (VSI) control, Steady State Analysis.		PPT,Q & A
22	15/04/21	Current source inverter (CSI) control-open and closed loop.		PPT,Q & A
23	19/04/21	Regenerative braking and multiquadrant operation of Induction motor drives.		PPT,Q & A
24	20/04/21	relative merits and demerits of VSI and CSI for induction motor drives.		PPT,Q & A
25	22/04/21	Numerical on VSI and CSI fed I.M. drives		PPT,Q & A
UNIT IV Induction Motor Drives-II				
26	23/04/21	Basic Concept of Inverter , A. Principle of vector control,	65%	PPT,Q & A
27	26/04/21	Block diagram of Vector control of induction motor		PPT,Q & A
28	27/04/21	Servo mechanism in drives		PPT,Q & A
29	28/04/21	Block diagram for position control (Descriptive treatment only).		PPT,Q & A
30	29/04/21	Thermal model of motor for heating		PPT,Q & A
31	03/05/21	Thermal model of motor for cooling.		PPT,Q & A
32	04/05/21	classes of motor duty		PPT,Q & A
33	05/05/21	Types of enclosures for motor.		PPT,Q & A
UNIT V Synchronous motor Drives				
34	06/05/21	Fundamental concept of Special Purpose Machines , Types of motor, cylindrical rotor wound field motor	84%	PPT,Q & A
35	10/05/21	Equivalent circuit, speed torque characteristics		PPT,Q & A
36	11/05/21	effect of power factor		PPT,Q & A
37	12/05/21	Salient pole wound field motor, phasor diagram		PPT,Q & A
38	13/05/21	Simple numerical based on above		PPT,Q & A



Amrutvahini College of Engineering, Sangamner

39	17/05/21	Closed loop speed control of self controlled synchronous motor drives fed from VSI.		PPT,Q & A
40	18/05/21	Closed loop speed control of self controlled synchronous motor drives fed from CSI.		PPT,Q & A
41	19/05/21	BLDC drives, block diagram and speed torque characteristics.		PPT,Q & A
UNIT –VI Industrial application				
42	20/05/21	Drive Selection: Selection criteria of motors A. Specific requirement and choice of drives for following applications. 1. Machine tools	100%	PPT,Q & A
43	24/05/21	2. Textile mills		PPT,Q & A
44	25/05/21	3. Steel rolling mills		PPT,Q & A
45	27/05/21	4. Sugar mills		PPT,Q & A
46	01/06/21	5. Traction drives		PPT,Q & A
47	02/06/21	6. Crane and hoist drives		PPT,Q & A
48	03/06/21	7. Solar and battery powered drives		PPT,Q & A
49	07/06/21	7. Solar and battery powered drives		PPT,Q & A
50	08/06/21	<i>Switched Reluctance Motor Drives.</i>		PPT,Q & A
51	09/06/21	Revision		


Prof. S. S. Kadlag
 Staff in-charge


Prof. S. S. Kadlag
 Head of Department



Amrutvahini College of Engineering, Sangamner

Sample of Practical Plan-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
COURSE PLAN AND INFORMATION SHEET
Advance Microcontroller and its Applications (CAY: 2020-21)

PRACTICAL PLAN, 2020- 2021

Subject:	Advance Microcontroller and Applications	Code:	303141
Class:	T. E. Electrical	Practical:	02 hrs - week

Practical No.	Date	Topics to be covered
00	01/07/20 to 04/07/20	General introduction of practical's Marks (Record, conduction, viva-voce & Lab)
01	05/07/20 to 11/07/20	Introduction to MPLAB & programs on addition, Subtraction and multiplication.
02	13/07/20 to 16/07/20	Data transfer to ports.
03	20/07/20 to 25/07/20	Timer, Counter, Delay Programming.
04	27/07/20 to 01/08/20	Interfacing PIC18f458 with Switch and LED.
05	03/08/20 to 08/08/20	Interfacing PIC18f458 with LCD (16 X 2).
06	10/08/20 to 15/08/20	Generation of square, positive ramp, negative ramp, triangular waveforms using DAC interface.
07	17/08/20 to 29/08/20	Interfacing Stepper motor with PIC 18F458.
08	31/08/20 to 05/09/20	Interfacing DC motor with PIC 18F458.
09	07/09/20 to 12/09/20	Interfacing LM35 with PIC 18F458 and display temperature on it.
10	14/09/20 to 19/09/20	<i>Automation of DC motor by using PIC18f458.</i>
11	21/09/20 to 26/09/20	Revision
12	28/09/20 to 03/10/20	Revision

(Prof. Pathare A. A.)
Staff In-Charge

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



Amrutvahini College of Engineering, Sangamner

Time Table-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER									
DEPARTMENT OF ELECTRICAL ENGINEERING									
MASTER TIME TABLE, 2020-21									
Semester: II				W. E. F.			01/03/2021		
Day	Time	09.00-9.55	9.55-10.50	11.10-12.05	2.00-2.55	2.55-3.50	4.05-5.00		
Monday	SE	M/C I/ FMA/ NA/ NMCP S1/ S2/ S3/ S4		*ADE	FMA/ NA/ NMCP/ M/C I S1/ S2/ S3/ S4		*EMI		
Monday	TE	CS-I	PS-II	DEM	CS-I	PS-II	DEM		
Monday	BE	SGP	HVE	SG	HVE	SGP	SG		
Tuesday	SE	NA/ NMCP/ M/C I/ FMA S1/ S2/ S3/ S4		*MS	M/C I/ FMA/ NA/ NMCP S1/ S2/ S3/ S4		*PGT		
Tuesday	TE	DEM	EAM	UEE	DEM	EAM	UEE		
Tuesday	BE	PECD	SGP	SG	PECD	SGP	SG		
Wednesday	SE	FMA/ NA/ NMCP/ M/C I S1/ S2/ S3/ S4		*ADE	NA/ NMCP/ M/C I/ FMA S1/ S2/ S3/ S4		*EMI		
Wednesday	TE	EAM	PS-II	CS-I	EAM	PS-II	CS-I		
Wednesday	BE	SG	PECD	HVE	HVE	PECD	SG		
Thursday	SE	FMA/ NA/ NMCP/ M/C I S1/ S2/ S3/ S4		*MS	FMA/ NA/ NMCP/ M/C I S1/ S2/ S3/ S4		*PGT		
Thursday	TE	DEM	PS-II	UEE	DEM	PS-II	UEE		
Thursday	BE	PECD	HVE		PECD	HVE			
Friday	SE	*PGT	*MS	*EMI	*ADE				
Friday	TE	EAM	UEE	CS-I	EAM	UEE	CS-I		
Friday	BE	SGP	PECD		SGP	PECD			
Saturday	SE				Seating arrangement TE-T-18 BE-T-17				
Saturday	TE	CS-I	PS-II	DEM					
Saturday	BE								

Subject	SE	TE	BE
Power System -I (PS-I)	Lab	Subject	Subject
	Prof. K. V. Bhadane	Power System -II (PS-II)	Power Electronic controlled Drives (PECD)
Electrical Machines-I (EMC-I)	Elect Machine Lab	Control System -I (CS-I)	Switchgear and Protection (SGP)
Network Analysis (NA)	Power Electronics Lab	Utilization of electrical Equipment (UEE)	High Voltage Engineering (HVE)
Numerical Methods & Computer Programming (NMCP)	Software Lab	Energy Audit & Management (EAM)	Smart Grid (SG)
Fundamentals of Microprocessor & microcontroller (FMA)	Embedded System Lab	Design of Electrical Machine (DEM)	
	Prof. A. A. Pathare		

Note: * indicates lectures for DSE

(Prof. T. R. Bhanegaonkar)
Time Table I/C

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

(Prof. M. A. Venkatesh)
Principal

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



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		
Subject Code	Name of the Subject	(Hrs./week)
303142	Electrical Machine - II	02

Start of the Class w.e.f. : 13-06-2016

No. of Practical Classes Planned : 16

No. of Practical Classes Conducted : 15

Signature of the staff : 13/6/16

Signature of H.O.D. : 13.6.16

Year 2016 - 2017	Semester Start	End of I Month	End of II Month	Semester End
Signature of Staff				
Signature of H.O.D.				
Signature of Principal				



Amrutvahini College of Engineering, Sangamner

Class I.E. Div --- Batch T₁ AMRUTVAHINI COLLEGE OF
Subject Electrical Mfg-II Sem/Section V Academic

Roll No.	Exam Seat Number	Name of Student	Score & Marks	1	2	3	4	5
01		Manku Vishal S		1	2	3	4	5
02		Mhas. Harshada V.		1	2	3	4	5
03		Mhase Suruchi J.		1	2	3	4	5
04		Andre Sattiyam V.		1	2	3	4	5
05		Arde Aditi A		1	2	3	4	5
06		Arde Pragkha M		1	2	3	4	5
07		Bajaj Munakshi K.		1	2	3	4	5
08		Bhalerao Gnanesh D		1	2	3	4	5
09		Bhalerao Shubham S		1	2	3	4	5
10		Borhane Indrani P		1	2	3	4	5
11		Borude Balraj A		1	2	3	4	5
12		Chaudhari Vijay P		1	2	3	4	5
13		Cheli Mahesh B.		1	2	3	4	5
14		Dabholkar Amit D.		1	2	3	4	5
15		Dahar Ashwini R.		1	2	3	4	5
16		Dandekar Divyesh A.		1	2	3	4	5
17		Dhale Anurag V.		1	2	3	4	5
18		Dutte Jadhav R.		1	2	3	4	5

Signature of the Staff

Signature of HOD/Principal

ENGINEERING, SANGAMNER

Year 2016 - 2017

Roll No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01																								
02																								
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17																								
18																								

Signature of the Staff

Signature of HOD/Principal



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

[illegible]

RCV



Amrutvahini College of Engineering, Sangamner

Sample of project allocation-

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF ELECTRICAL ENGINEERING B.E. ELECTRICAL PROJECT LIST: 2020-2021						
Group No.	Roll NO	Title Of Project	Name Of Students	Area Of Project	Internal Guide Name/Qualification/	Sign Of Guide
01	42	Wireless energy generation for mobile charging using copper wire	Mhaske Vikram M	Electrical Power System	Prof. S. S. Kadlag M. Tech [Control System]	
	50		Pandharkar Dhananjay B			
	31		Kalewar Achit D			
	38		Lonare Rahul B			
02	61	Rpf Charging Station Development For Electric Vehicle.	Shinde Gaurav R	Electric Vehicle.	Prof. S. S. Kadlag M. Tech [Control System]	
	24		Gite Digambar B			
	72		Varade Sachin S			
	32		Kanchar Manoj B			
03	14	Fuel cell based module for hybrid power generation	Chavan Shubham N	Renewable Energy	Dr. Kishor V Bhadane M. Tech [Power System]	
	01		Abhang Medha D			
	17		Dere Akshada P			
	27		Jamdhade Aarti E			
04	39	Fault Location Isolation & Self-Restoration System Using Arduino	Magar Shweta S	Electrical Power System	Mr. T.R. Bhanegaonkar ME [Electrical Machine Drives]	
	71		Yendhe Nikita R			
	09		Bhagat Vanita			
	69		Walke Ashwini D			
05	26	Automatic Irrigation System By Sensing Soil Moisture	Jadhav Aishwarya R	Electrical Power System	Mr. T.R. Bhanegaonkar ME [Electrical Machine Drives]	
	10		Bibave Priyanka D			
	16		Dake Bharati Y			
	60		Shaikh Shafik Latif			
06	19	Gsm And Arduino Based Smart Security System For Agriculture	Devikar Lalit R	Electrical Power System	Mr. A.K. Pathak ME [Power System]	
	21		Gaikwad Nagesh T			
	03		Bachkar Vaibhav P			

Mr. R.A. Patil
Project Coordinator

Mr. S.S. Kadlag
HOD

ACAD-R-23, Rev.: 00 Date: 15-06-2017



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-

Sample of syllabus coverage

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
CUMULATIVE NUMBER OF CLASSES / PRACTICALS TAKEN, 2020-2021
CLASS: SE SEMESTER: IV DIVISION: -

Sr. No.	Name of the Subject	Subject code	No. of Cls. / Prct. / wk	Prct. Batch No.	Week No. Date Staff Name	No of Classes Taken														Staff Sign
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Power System-I	203145	03	---	KVB	04	09	09	12	16	17	18	22	26	30	34	37	37	37	[Signature]
2	Electrical Machines-I	203146	03	---	AKP	03	06	06	08	10	13	17	21	24	28	33	36	37		
3	Network Analysis	203147	03	---	AK	04	7	09	14	15	19	25	25	28	35	42	50	50		
4	Numerical Methods and Computer Programming	203148	03	---	MDP	03	07	09	10	14	17	20	21	25	35	41	42	42		
5	Fundamental of Microcontroller and Applications	203149	03	---	AAP	04	08	09	12	15	18	22	26	29	33	38	40	44	46	[Signature]
6	Electrical Machines-I	203146	02	S1	AKP	00	00	00	01	02	03	04	05	06	07	08	09	09		
			S2	AKP	00	00	00	01	02	03	04	05	06	07	08	09	09			
			S3	AKP	00	00	00	01	02	03	04	05	06	07	08	09	09			
7	Network Analysis	203147	02	S1	AK	01	01	01	02	03	03	04	05	06	07	08	09	09	[Signature]	
			S2	AK	01	01	01	02	03	03	04	05	06	07	08	09	09			
			S3	AK	01	01	01	02	03	03	04	05	06	07	08	09	09			
			S4	AK	01	01	01	02	03	03	04	05	06	07	08	09	09			
8	Numerical Methods and Computer Programming	203148	02	S1	MDP	01	02	03	04	05	06	07	08	09	10	11	12	12	[Signature]	
			S2	MDP	01	02	03	04	05	06	07	08	09	10	11	12	12			
			S3	MDP	01	02	03	04	05	06	07	08	09	10	11	12	12			
			S4	MDP	01	02	03	04	05	06	07	08	09	10	11	12	12			
9	Fundamental of Microcontroller and Applications	203149	02	S1	AAP	01	02	03	04	05	06	07	08	09	10	11	12	12	[Signature]	
			S2	AAP	01	02	03	04	05	06	07	08	09	10	11	12	12			
			S3	AAP	01	02	03	04	05	06	07	08	09	10	11	12	12			
			S4	AAP	01	02	03	04	05	06	07	08	09	10	11	12	12			

(Mr. S.S. Kadiag)
Head of the Department

(Dr. M.A. Venkatesh)
Principal

ACAD-R-09, Rev.: 00 Date: 15-08-2017

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
PERCENTAGE OF SYLLABUS COVERAGE, 2020-2021
CLASS: SE SEMESTER: IV DIVISION: -

Sr. No.	Name of the Subject	Subject code	Practical Batch	Week No. Date Staff Name	% of portion covered/Week														Staff Sign
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Power System-I	203145	---	KVB	11	24	24	32	43	46	49	59	70	81	92	100	100	100	[Signature]
2	Electrical Machines-I	203146	---	AKP	08	16	16	22	27	35	46	57	65	75	78	89	97	100	
3	Network Analysis	203147	---	AK	08	14	16	28	30	38	50	50	56	70	84	100	100	100	
4	Numerical Methods and Computer Programming	203148	---	MDP	05	18	25	35	45	47	52	60	68	74	81	98	100	100	
5	Fundamental of Microcontroller and Applications	203149	---	AAP	05	10	10	15	25	30	40	50	60	70	80	90	100	100	[Signature]
6	Electrical Machines-I	203146	S1	AKP				00	00	00	11	22	33	44	55	66	77	88	
			S2	AKP				00	00	00	11	22	33	44	55	66	77	88	
			S3	AKP				00	00	00	11	22	33	44	55	66	77	88	
7	Network Analysis	203147	S1	AK				00	11	11	22	33	33	44	55	66	77	88	[Signature]
			S2	AK				00	11	11	22	33	33	44	55	66	77	88	
			S3	AK				00	11	11	22	33	33	44	55	66	77	88	
			S4	AK				00	11	11	22	33	33	44	55	66	77	88	
8	Numerical Methods and Computer Programming	203148	S1	MDP				00	11	25	33	40	55	66	77	88	99	100	[Signature]
			S2	MDP				00	11	25	33	40	55	66	77	88	99	100	
			S3	MDP				00	11	25	33	40	55	66	77	88	99	100	
			S4	MDP				00	11	25	33	40	55	66	77	88	99	100	
9	Fundamental of Microcontroller and Applications	203148	S1	AAP				00	10	20	30	40	50	50	60	70	80	90	[Signature]
			S2	AAP				00	10	20	30	40	50	50	60	70	80	90	
			S3	AAP				00	10	20	30	40	50	50	60	70	80	90	
			S4	AAP				00	10	20	30	40	50	50	60	70	80	90	

(Mr. S.S. Kadiag)
Head of the Department

(Dr. M.A. Venkatesh)
Principal

ACAD-R-09, Rev.: 00 Date: 15-08-2017



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

Date: 21/03/2021

To
The Head,
Department of Electronics Engineering
AVCOE, Sangamner.

Subject: Permission to conduct curricular/co-curricular activity in the department of Electronics Engineering.

Respected Madam,
Department of Electronics Engineering has planned to conduct a curricular/co-curricular activity in association with IEEE Circuits and System Society(CASS) Students Branch chapter.

Proposed Date of Event: 24/04/2021 To 29/04/2021

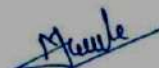
Type of Event: **Workshop**

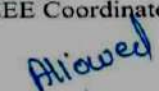
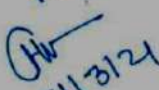
Title/Topic: **Octave Software For Signal & Control System**

Resource Persons: **Dr. Gundal S.S..**

So kindly give a permission to organize the event.
Thanking You,

Yours faithfully


Er. M.T. Kanawade
IEEE Coordinator


Allowed

21/3/21
HOD
Dept of Electronics Engg
AVCOE Sangamner

22/3



Amrutvahini College of Engineering, Sangamner

Date: 14/03/2021

To
The Head,
Department of Electronics Engineering
AVCOE, Sangamner.

Subject: Permission to conduct curricular/co-curricular activity in the department of Electronics Engineering.

Respected Madam,
Department of Electronics Engineering has planned to conduct a curricular/co-curricular activity in association with IEEE Circuits and System Society(CASS) Students Branch chapter.

Proposed Date of Event: 24/04/2021 To 29/04/2021

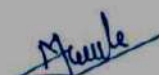
Type of Event: **Workshop**

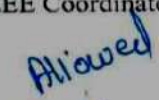
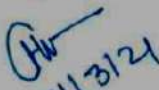
Title/Topic: **Octave Software For Signal & Control System**

Resource Persons: **Dr. Gundal S.S..**

So kindly give a permission to organize the event.
Thanking You,

Yours faithfully


Er. M.T. Kanawade
IEEE Coordinator


Allowed

21/3/21
HOD
Dept of Electronics Engg
AVCOE Sangamner

22/3/21



Amrutvahini College of Engineering, Sangamner

Amrutvahini College of Engineering, Sangamner Department of Electronics Engineering Octave Software for Signals and Control System

Objectives:

1. To know about Basics of Octave.
2. To introduce students to the Octave software for numerical computations for Signals and Control System
3. To solve linear and nonlinear problems numerically, and for performing other numerical experiments using a language that is mostly compatible with MATLAB.

Outcomes:

After completion of this course, student will be able to,

1. Write a simple program in Octave and simulate it.
2. Write program into command window and check outputs.
3. Solve linear and nonlinear problems using Octave software.
4. Perform frequency domain analysis of control systems required for stability analysis


Dr. S.S. Gundal

Course Coordinator


Dr. S.S. Gundal

H.O.D.
Dept of Electronics Engg
AVOE Sangamner



Amrutvahini College of Engineering, Sangamner

Attendance Report of workshop

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Octave Software for Signals & Control Systems

Class – SE

Date: 24/04/2021

Sr. No.	Roll No.	Name of the Student
1.	1	Aragade Rushikesh Balasaheb
2.	3	Bansod Purva Rajendra
3.	4	Bharitkar Shubham Kailas
4.	5	Bhor Rutuja Sanjay
5.	6	Bhor Sanket Raosaheb
6.	7	Bodke Kaveri Keshav
7.	8	Chattar Dipti Sunil
8.	9	Chavan Anisha Surendra
9.	10	Datkhole Sneha Vijay
10.	11	Gaikar Abhishek Chandrashekhar
11.	12	Ghule Akshay Balachand
12.	13	Ghule Rutik Babasaheb
13.	14	Gunjal Ankita Vilas
14.	15	Ingale Kalyani Vilas
15.	16	Jadhav Priyanka Dattatraya
16.	17	Jaybhaye Prakash Kailas
17.	18	Kadlag Tanuja Dattatraya
18.	19	Kale Priyanka Pandit
19.	20	Kanawade Nayan Pravin
20.	21	Karale Pooja Sahebrao
21.	22	Kasar Sanket Dnyaneshwar
22.	24	Kawade Gaurav Krushna
23.	25	Khule Sakshi Bharat
24.	26	Kode Kalyani Vijay
25.	27	Kode Kartiki Vijay



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 2021
Marks Inward System for Colleges

7/15/2021
1 of 1

College Name	CEGA016260 - AMRUTWAHINI COLLEGE OF ENGINEERING		
Pattern Name	7021915 - S.E.(2019 PAT)(ELECTRICAL)	Batch No	202104015585
Subject Name	203146 - Electrical Machines - I	Exam Type	PRACTICAL OUT OF 50
Teacher Name	Pathak Anil Kumar (Mob. No.: 9766780992) - Internal Examiner		

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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
S190102501	32	S190102526	40	S190102551	38	S190102577	38
S190102502	30	S190102527	45	S190102552	42	S190102578	45
S190102503	33	S190102528	30	S190102553	40	S190102579	44
S190102504	33	S190102529	45	S190102554	37	S190102580	42
S190102505	40	S190102530	30	S190102556	38	S190102581	33
S190102506	45	S190102531	37	S190102557	40	S190102582	41
S190102507	35	S190102532	38	S190102558	38	S190102583	42
S190102508	40	S190102533	40	S190102559	44	S190102584	39
S190102509	33	S190102534	33	S190102560	33	S190102585	40
S190102510	33	S190102535	45	S190102561	40	S190102586	30
S190102511	40	S190102536	42	S190102562	40	S190102587	42
S190102512	32	S190102537	43	S190102563	30	S190102588	43
S190102513	37	S190102538	40	S190102564	37		
S190102514	40	S190102539	40	S190102565	37		
S190102515	40	S190102540	45	S190102566	33		
S190102516	37	S190102541	38	S190102567	33		
S190102517	37	S190102542	38	S190102568	32		
S190102518	40	S190102543	40	S190102569	37		
S190102519	32	S190102544	40	S190102570	37		
S190102520	40	S190102545	33	S190102571	32		
S190102521	38	S190102546	32	S190102572	33		
S190102522	33	S190102547	40	S190102573	37		
S190102523	38	S190102548	42	S190102574	40		
S190102524	32	S190102549	38	S190102575	44		
S190102525	37	S190102550	37	S190102576	33		


HEAD OF THE DEPARTMENT
Stamp & Authorized Signatory
 AMRUTWAHINI COLLEGE OF ENGINEERING
 SANGAMNER - 427608



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 / 2020-2021								
Class: SE (Electrical)								
Total Students:88				Fail /Atkt:02				
Distinction:83				All Clear:86				
First Class:03				Percentage Result All Clear:97.27%				
Higher Second Class:02				Percentage Result ATK1:2.27%				
Second Class:00								

Sr. No	Name of Subject	Appear	Absent	Pass	Fail	% Result (Actual)	% Result (Targeted)	Name of Staff
1	Power generation technology	88	01	87	00	100%	70%	Ms.J.R.Rokade
2	Material Science	88	01	87	00	100%	70%	Mr.A.S.Pande
3	Analog and Digital Electronics	88	01	87	00	100%	70%	Dr.K.B.Bhadane
4	Electrical Measurement &Instrument	88	01	87	00	100%	70%	Mr.T.R.Bhanegavkar
5	Engineering MathematicsIII	88	02	86	00	100%	70%	Mr.S.S.Kadlag

Last Three Years Result:

Sr. No.	Subject	2019-20	2019-20	2018-19
1	Power generation technology	100%	96.83%	96.10%
2	Material Science	100%	90.32%	91%
3	Analog and Digital Electronics	100%	66.13%	87.01%
4	Electrical Measurement &Instrument	100%	85.00%	87.01%
5	Engineering MathematicsIII	100%	77.59%	62.23%

List of Toppers:

Sr. No.	Name of Student	SGPA/CGPA	Class
1	Thorat Shweta Raosaheb	9.68	Distinction
2	Kale Rohini Kisan	9.59	Distinction
3	Kashid Prathamesh Bhagwan/Khadangale Ankush N	9.41	Distinction

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



Amrutvahini College of Engineering, Sangamner

List of Subject Toppers:

Sr. No.	Name of Student	Subject	Marks
1	Thorat Shweta Raosaheb	Power generation technology	100
2	Kale Rohini Kisan	Material Science	100
	Puri Onkar Madhav		
	Shirsath Tushar Dnyaneshwar		
	Thorat Shweta Raosaheb		
3	Pathare Gaurav Ramesh	Analog and Digital Electronics	90
4	Avhad Sanket S	Electrical Measurement & Instrument	100
	Kashid Prathamesh Bhagwan		
	Nehe Kartik Bharat		
	Thorat Sweta R		
5	Khadangale Ankush Navnath	Engineering Mathematics III	86


(Prof. M.D. Pawar)

Class Teacher


(Prof. S.S. Kadlag)

Head of Department



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.