



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24

Semester: I

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prachi Rahul Upasani
B) Mobile Number	8390762584
C) Email ID	prachi.upasane@abmspcoerPune.org
D) Address (Residential)	1102, B1, Mantra Park View, PSK Road, Pune.
E) Designation	Asst. Professor.
F) Department	ENTC.
G) Area of Specialization	VLSI
H) Date of Appointment	2-12-2022
I) Experience	a) APCOER - 01 Years b) Other Institutions 03 Years c) Industrial 06 months Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc.
K) BCUD ID	52032300014
L) Date of Commencement of Term	4 Nov 2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number Lectures Conducted
1.	T.E.	EMFT - 304182	Theory	42	42
2.	S.E.	P.C. - 204181	Theory & Pract.	42	42

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1.	F.E.	BYE.	80%
2.	S.E.	Signals & Systems	57%

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3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	
Internal Marks with supportive documents	YES/NO	
Log book(Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	
Assignments Record	YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Conduction Details

		Subject Name	
		EMFT	EC.
01	No. Of Lectures conducted upto Audit Date	42	42
02	Syllabus Covered (No. of Units / %)	5 Units - 100%	6 Units - 100%
03	No. of Practical Covered upto Audit Date	-	10.
04	Average % Attendance upto Audit Date	80%	80%.

5. Innovative practices adopted:

G-Classroom, PPT's, Video's NPTEL.

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
1.	Unit - 3 & 4 EMFT	Handwritten notes	G-Classroom
2.	Unit. 3, 4, 5 - EC.		"

Use of Virtual Laboratory: Yes / No

(Mention Details Below)

Yes. - 2 Nov. 2023 (Electronic KTs)



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7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

Workshop conducted on PLC for S.E. students

8. Number of remedial Lectures and counseling module developed and imparted to Students, Yes/No (if Yes attach write in Brief)

Yes (Signals & systems)

9. Activities for uplifting slow & Bright learners (Mention the Activities and no of Students benefitted)

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
1	Expert Lecture	Prof. Mali sir	25
2	Industrial Visit	BSNL, Chinchwad	30

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	NAAC. Coord.	-	
2	DSE. Coord.	-	
3	class. Teacher. S.E.	-	
4	P-work Coord. (Dept.)	-	

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12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
NEP	2-days	APCOER	Attended
Metaverse	1-day	APCOER	"
NAAC.	1-day	APCOER	"
VLSI Design.	7-days	AICTE.	"

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.				
b.				

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

Paper checking.



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15. Consultancy project/ In-house Research Project/ Sponsored project carried out on major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project

Prachi R. Upasani

Name & Signature of the Auditor
[Prachi R. Upasani]

Name of Auditor: Dr. Prachi R. Upasani

Remark by Auditor:

R work need to be updated, funded research project need to be applied. One publication per semester format.

Prachi R. Upasani
23/12/23

Sign of Auditor with Date:

Soojey
Head of Department
Sign & Seal

[Signature]
Principal
23-12-23



Kandhan
IQAC Coordinator (Signature & Seal)
23/12/23



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Academic Audit Report

Academic Year: 2023-24

Semester: I

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. Kishor P. Jadhav
B) Mobile Number	9371242778
C) Email ID	kishor.jadhav@abmcpcoeerpune.org
D) Address (Residential)	Dattanagar, Ambegaon Bk, Pune
E) Designation	Assistant Professor
F) Department	E&TC Engg.
G) Area of Specialization	Digital Communication
H) Date of Appointment	08/09/2023
I) Experience	a) APCOER - 2 Month Years- b) Other Institutions 23.6 Years c) Industrial NIL Years
J) Nature of Appointment (Permanent/ Adhoc)	Regular
K) BCUD ID	52201691516
L) Date of Commencement of Term	10/07/2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	BE(E&TC)	RMT (404181)	Theory	36	38

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1	BE(E&TC)	RMT	Sem-II



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3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Available
Internal Marks with supportive documents	YES/NO	Available -
Log book(Practical Reading)	YES/NO	log book completed
Personal File (Updated)	YES/NO	Updated
BCUD Profile (Updated)	YES/NO	Updated 100%
Assignments Record	YES/NO	Available
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	Referring to 100% principle

4. Course Conduction Details

		Subject Name	
		RMT	
01	No. Of Lectures conducted upto Audit Date	38	38
02	Syllabus Covered (No. of Units / %)	06 Unit / 100%	etc
03	No. of Practical Covered upto Audit Date	08 PR	
04	Average % Attendance upto Audit Date	90%	

5. Innovative practices adopted:

Guided waves, EM Analysis Techniques

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material (On G-classroom/Youtube/Websites)
1	GB	Share on WhatsApp	

Use of Virtual Laboratory: Yes / No (Mention Details Below)

Yes

Virtual Lab conducted on 31/10/2022 under IIT for RF & Microwave Characteristics. The details report is attached



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7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus
Electromagnetic Field Concept & Analysis for Theory
V-Lab conducted for practical

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief) Yes (Report is attached)

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)
Remedial & extra Lectures conducted & 4 students got benefitted

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning
Expert series visit organized

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	Lab-Incharge	Communication Lab	Lab file with Lab Record
2	V-Lab Co-ordinator	Department V-Lab co-ord.	Planner prepared & Activity conducted
3	Co-ordinator	Poster Exhibition	During NATE visit Poster Exhibition conducted on 24/11/23



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12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
1) Awareness Program on Cyber security, Cyber forensics & Cyber Crime Investigation	16/10/2023 01 day	APCoER (IT Deptt)	Attended
2) Seminar on National Education Policy - 2020	21/10/2023 01 day	APCoER	Attended

13. Details of Publications & Patents (Attach separate sheet if required): *Try to publish at least one book*

S. No.	Name of Journal/ chapter/Books	Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.				
b.				

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

Examiner for RE(ES&CC), RMT (40486) OR/ITW conducted by SPPU
on 09/11/2023



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15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project. *Try for funded research project.*

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project

Jadhav (Prof. Jadhav K P)
Name & Signature of the faculty

Name of Auditor: Dr. Ravraj R Sasale

Remark by Auditor: Try for funded research project, try to publish research paper & try to write book on the subject.

Sign of Auditor with Date: *R Sasale*
12/11/23 *R work - Insem, Unit test, Prelim more completed* *S Sasale*

Soojey
Head of Department
Sign & Seal

Soojey
Principal 15-12-23

 *Jadhav*
IQAC Coordinator (Signature & Seal)
15/12/23



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Academic Audit Report

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof Swati Gandhi
B) Mobile Number	9822809996
C) Email ID	Swati.gandhi@abmspcoerpune.org
D) Address (Residential)	Mastani Baug Apt., Shivdarshan Chowk, Parvati Pune
E) Designation	Assistant Professor
F) Department	E&TC
G) Area of Specialization	IoT, WSN, CN, ML
H) Date of Appointment	21/9/2023
I) Experience	a) APCOER - Years b) Other Institutions 17 Years c) Industrial 0 Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52198272005
L) Date of Commencement of Term	

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	TE	FJP	TH/PR	38	39
2.	BE	ML	TH/PR	48	47

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)

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3. Records Verified:

Students Attendance	✓YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	✓YES/NO	Completed
Internal Marks with supportive documents	✓YES/NO	Completed
Log book(Practical Reading)	✓YES/NO	Completed
Personal File (Updated)	YES/NO	In process
BCUD Profile (Updated)	✓YES/NO	Completed
Assignments Record	✓YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	✓YES/NO	Completed.

4. Course Conduction Details

		Subject Name			
		FJP(TH)	FJP(PR)	ML(TH)	ML(PR)
01	No. Of Lectures conducted upto Audit Date	39	13	47	10
02	Syllabus Covered (No. of Units / %)	6	-	6	-
03	No. of Practical Covered upto Audit Date	-	11	-	6
04	Average % Attendance upto Audit Date	82%	95%	80%	95%

5. Innovative practices adopted:

Flip Class Room: TE(FJP) : Practical No 11.

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)

Use of Virtual Laboratory: Yes / No

(Mention Details Below)

— TE: FJP: 20/10/2023

BE:ML:21/10/2023



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7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus
1. TE (FJP) Job opportunities in industry
2. Vlab For AI-DL
8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)
Yes
9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)
1. Motivated BE & SE students to participate in Hackathon (18)

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
1	Industry Sponsored Project	Mr Paresh Dasare	3(BE)
2	Industry Sponsored Project	Mr Pravin Jain	3(BE)
3	Industry -Internship	Mr Pravin Jain	4(TE)
4.	IAS Gate Academy	Mr Murthy	15(TE&BE)

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	POC	Vidyaleap	In Process
2.	Admission Coordinator	Class Visits	3 classes visited
3.	Hackathon Coordinator	Online participation	18 students participated
4.			



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12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal	Paper Title	ISSN Number/Publisher details
a.	IJRITCC.	Design and Development of Hydro-Optical Communication-Based Invasive Wireless Sensor Networks	Scopus Index
b.	IJISAE	Energy-Efficient Routing Algorithm for Wireless Sensor Networks in Invasive Pipe Monitoring Systems	Elsevier
Patents		Patent Title	Application No.
a.	UK Design Grant	Artificial Intelligence Based Personal Adaptive Assistance Exoskeleton Suit in Rehabilitation	Application Number-202331058549, Application Ref Number-202331058549, Filing Date-31/08/2023 - Indian Patent Office

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

Received Certificate from PMC ,Kothrud for PhD research work demonstration .



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15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project

Name & Signature of the faculty
Gandhi

Name of Auditor: Dr D P. Komarc

Remark by Auditor:
Completed the personal file and update the course file.
Completed all

17/01/2023
Sign of Auditor with Date:

<u>Soojey</u> Head of Department Sign & Seal	<u>[Signature]</u> Principal
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[Signature]
IQAC Coordinator (Signature & Seal)
7/1/2023



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Course File Index

Sr. No.	Title
1	Faculty profile (Photographs, Qualification, Experience, Area of specialization, Subject Taught & Publication)
2	Subject Details <ul style="list-style-type: none">Cover Page-Title, Subject Code, Teaching Scheme, Examination SchemeVision & Mission StatementQuality policy statementAcademic CalendarSPPU Syllabus Copy & Practical ListProgram Educational Objects, Course Outcome, Course mapping with PEOs and Pos.Last Three Year Result of the subject & Target for current semester
3	<ul style="list-style-type: none">Class TimetableIndividual Timetable
4	<ul style="list-style-type: none">Course Plan, Reference plan and Laboratory plan.Attendance Sheet
5	Study Material: <ul style="list-style-type: none">Unit wise Subject Notes (Hand Written/Printed)List of NPTEL Video Lectures linksPower Point presentationUnit wise Question BankUniversity Previous Question papers with solutionUnit wise Assignments with sample answers by students (Min 3 Students)Unit Test, Prelim Exam Question papers with sample answer sheets (Best & Poor – 3 each) & Insem Question PaperRemedial Action plan and implementation document based on Test ResultsSubject related Research Papers
6	<ul style="list-style-type: none">Academic Monitoring by HoD (Master checking)Unit test, Insem, Prelim Examination Marksheet and Result analysisContinuous Assessment Record (Practical/Term Work/Project/Seminar/PBL)Lab Manual for the subjectLaboratory Log book (To be kept in Lab.)
7	Innovative Practices <ul style="list-style-type: none">Context beyond Syllabus.Teaching Methodologies/pedagogies (Quiz, games, Group Discussions, seminars etc.) if any recorded documents to be filedResearch papers, relevant articles related to subject from Journals, Conference, Case Study list to be prepared.Any Additional effort to achieve CO, PO & PEO's.



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Academic Audit Report

Academic Year: 2023-24 Semester: II

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. Ashwini Suryawanshi
B) Mobile Number	9423777670
C) Email ID	pshital29@gmail.com
D) Address (Residential)	D-502, Kshiti Society, Parvati Pune 411009
E) Designation	Assistant Professor
F) Department	E&TC
G) Area of Specialization	Microcontrollers of Communication
H) Date of Appointment	14-09-2022
I) Experience	a) APCOER - 1 1/2 & 3 Mm Years b) Other Institutions - Years c) Industrial - Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52092200624
L) Date of Commencement of Term	10/07/2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1.	SE E&TC	Data Structure	204184	42	42
2.	TE E&TC	Microcontrollers	304184	36	36

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1.	SCDL BE E&TC	SCDL	100%
2.	SE E&TC	Control System	52%



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Dol: 02/01/2023

Academic Audit Report

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Yes
Internal Marks with supportive documents	YES/NO	Yes
Log book(Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	
Assignments Record	YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Conduction Details

		Subject Name	
		DS	MC
01	No. Of Lectures conducted upto Audit Date	42	36
02	Syllabus Covered (No. of Units / %)	6UNITS / 100%	6UNITS / 100%
03	No. of Practical Covered upto Audit Date	10	8
04	Average % Attendance upto Audit Date		

5. Innovative practices adopted: Virtual Lab conducted for All Subject

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)

Use of Virtual Laboratory: Yes / No (Mention Details Below)

Microcontroller's lab - 30/10/2023



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7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (If Yes attach write in Brief)

Yes. Conducted.

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

Remedial Lectures / Extra Lectures Conducted.

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	Class Teacher	TE (E&TC) Regular Student Monitoring	Improved Attendance
2	Dept. Coordinator	GSTE	Completed
3	Dept. Coordinator	Magazine / Newsletter	Completed
4	Exam. Coordin.	All Exams Under SPPU	Completed



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12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
1. Digital Creativity Skills Workshop	1 Day	Adobe Academic with AICTE & ATAL	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	Advanced Technique for		
b.	License plate Extraction		

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

Paper: Evaluation Under SPPU, Pune
AICTE Magazine [April-May-June] - Dep. Coordinator
Exam - External SPPU, Pune [PRIOR]



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15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
1	Capgemini Project MAATR	-	MAATR Project is for Aasha notebook
2	Ageownet	-	Solenoid

Ashtini

Name & Signature of the faculty
Prof. A. Suryawanshi

Name of Auditor: Dr. P. R. Serali

Remark by Auditor: Content beyond syllabus needs to be planned

At least one exper. lecture needs to be planned, One P.A.T.C. visit is must.

Serali
22/12/23

Sign of Auditor with Date:

Soojey
22/12/23
Head of Department
Sign & Seal

Bhe
23-12-23
Principal



Sandhanu
IQAC Coordinator (Signature & Seal)
23/12/23

**Akhil Bharatiya Maratha Shikshan Parishad's
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Academic Audit Report

Academic Year: 2023-24

Semester: 7th

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Mrs Prajakta S. Wankhade
B) Mobile Number	9422312966
C) Email ID	Prajakta.wankhede@abmspcoerpune.org
D) Address (Residential)	Flat No A-202 Agamdarshan , Katraj ,Pune
E) Designation	Assistant Professor
F) Department	E & TC
G) Area of Specialization	Digital system
H) Date of Appointment	8/9/2023
I) Experience	a) APCOER - 2months b) Other Institutions- 3.5 Years c) Industrial 2 Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52111800213
L) Date of Commencement of Term	10 september2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	SE E& TC	Electrical Circuit	TH+PR	38	18

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I &SEM-II)
1	SE E & TC	Electrical Circuit	
2	TE E & TC	Skill Development	



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

3. Records Verified:

Students Attendance	✓ YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	✓ YES/NO	⊙
Internal Marks with supportive documents	✓ YES/NO	⊙
Log book(Practical Reading)	✓ YES/NO	⊙
Personal File (Updated)	✓ YES/NO	⊙
BCUD Profile (Updated)	✓ YES/NO	⊙
Assignments Record	✓ YES/NO	⊙
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	✓ YES/NO	⊙

4. Course Conduction Details

		Subject Name: <u>JavaScript</u>		
		<u>ECT</u>	<u>SD</u>	<u>BXE</u>
01	No. Of Lectures conducted upto Audit Date	20	-	-
02	Syllabus Covered (No. of Units / %)	30 % (3units)	-	-
03	No. of Practical Covered upto Audit Date	40% (4 Exp.)	4	5
04	Average % Attendance upto Audit Date	80 %	85%	70%

5. Innovative practices adopted:

G. Classroom , PPTS , Videos NPTEL

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
		<u>Video</u>	<u>G. Classroom</u>

Use of Virtual Laboratory: Yes / No (Mention Details Below)

Yes

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

Yes

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

— Remedial Lectures conducted

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
—	—	—	—

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
—	—	—	
—	—	—	

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

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Academic Audit Report

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

Yes

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

— Remedial Lectures conducted

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
—	—	—	—

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
—	—	—	
—	—	—	

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project

Phd
31/1/24 P.S. Wankhede
Name & Signature of the faculty

Name of Auditor: Dr D.P. Kumbhar

Remark by Auditor: Completed

Wankhede
05/01/2024
Sign of Auditor with Date:

[Signature]
Head of Department
Sign & Seal

[Signature]
Principal



[Signature]
IQAC Coordinator (Signature & Seal)
19/1/24



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Course File Index

Sr. No.	Title
1	Faculty profile (Photographs, Qualification, Experience, Area of specialization, Subject Taught & Publication)
2	Subject Details <ul style="list-style-type: none">• Cover Page-Title, Subject Code, Teaching Scheme, Examination Scheme• Vision & Mission Statement• Quality policy statement• Academic Calendar• SPPU Syllabus Copy & Practical List• Program Educational Objects, Course Outcome, Course mapping with PEOs and Pos.• Last Three Year Result of the subject & Target for current semester
3	<ul style="list-style-type: none">• Class Timetable• Individual Timetable
4.	<ul style="list-style-type: none">• Course Plan, Reference plan and Laboratory plan.• Attendance Sheet
5	Study Material: <ul style="list-style-type: none">• Unit wise Subject Notes (Hand Written/Printed)• List of NPTEL Video Lectures links• Power Point presentation• Unit wise Question Bank• University Previous Question papers with solution• Unit wise Assignments with sample answers by students (Min 3 Students)• Unit Test, Prelim Exam Question papers with sample answer sheets (Best & Poor – 3 each) & Insem Question Paper• Remedial Action plan and implementation document based on Test Results• Subject related Research Papers
6	<ul style="list-style-type: none">• Academic Monitoring by HoD (Muster checking)• Unit test ,Insem, Prelim Examination Marksheet and Result analysis• Continuous Assessment Record (Practical/Term Work/Project/Seminar/PBL)• Lab Manual for the subject• Laboratory Log book (To be kept in Lab.)
7	Innovative Practices <ul style="list-style-type: none">• Content beyond Syllabus.• Teaching Methodologies/pedagogies (Quiz, games, Group Discussions, seminars etc.) if any recorded documents to be filed• Research papers, relevant articles related to subject from Journals, Conference, Case Study list to be prepared.• Any Additional effort to achieve CO, PO & PEO's.



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2022-23

Semester:- I

Date of Audit:-05/01/2024

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Dr. Amar B. Deshmukh
B) Mobile Number	9923849101
C) Email ID	amar.deshmukh@abmspancoerpune.org
D) Address (Residential)	Flat No. A-307, sarthak Beaulieu cooperative housing society ltd., Pisoli, Pune-411060
E) Designation	HOD & Associate Professor
F) Department	E & TC
G) Area of Specialization	Image and Video Processing
H) Date of Appointment	21/09/2023
I) Experience	a) APCOER - 04 months Years b) Other Institutions 15 Years c) Industrial Nil Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52198409035
L) Date of Commencement of Term	23/08/2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	FE	BXE-104010	Theory - D	04	31
2	FE	BXE-104010	Theory - E	04	32

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

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3. Records Verified:

Students Attendance	✓ YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	✓ YES/NO	
Internal Marks with supportive documents	✓ YES/NO	
Log book(Practical Reading)	NA YES/NO	
Personal File (Updated)	✓ YES/NO	
BCUD Profile (Updated)	✓ YES/NO	
Assignments Record	✓ YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	✓ YES/NO	

4. Course Conduction Details

		Subject Name	
		BXE	C.S.(T.E)
01	No. Of Lectures conducted up to Audit Date	31 of 32	14
02	Syllabus Covered (No. of Units / %)	100%	100%
03	No. of Practical Covered up to Audit Date	NA	100%
04	Average % Attendance up to Audit Date	92%	45%

5. Innovative practices adopted:

Google class room, PPTs, Videos, NPTEL

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/You tube/Websites)
1)	GSM archi	Video	Google class room
2)	AM & FM	Video	Google class room

Use of Virtual Laboratory: Yes / No ✓

(Mention Details Below)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

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Academic Audit Report

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

Yes

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Academic Audit Report

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.				
b.				

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project

Dr. H. B. Deshmukh
Name & Signature of the faculty

Name of Auditor: Dr. D. Y. Kamble

Remark by Auditor:
Completed

Dr. D. Y. Kamble
09/01/2023
Sign of Auditor with Date:

<i>Dr. D. Y. Kamble</i> 09/01/2023 Head of Department Sign & Seal	<i>Dr. H. B. Deshmukh</i> 02-01-23 Principal
--	--

Dr. D. Y. Kamble
9/1/23
IQAC Coordinator (Signature & Seal)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24 Semester: I

Date of Audit 25/12/23

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. D.P. Rankhamb e
B) Mobile Number	9423562543
C) Email ID	devika.rankhamb e@abmspcoespune.org
D) Address (Residential)	B-302, Meghavarsha Near shell petrol Pump, Waje Malavadi Pune-58
E) Designation	Assistant Professor
F) Department	Information Technology
G) Area of Specialization	Computer Engineering
H) Date of Appointment	21/3/2014
I) Experience	a) APCOER - 9.7 Years b) Other Institutions 1/2 Years c) Industrial 1.5 Years
J) Nature of Appointment (Permanent/ Adhoc)	Permanent
K) BCUD ID	52201479292
L) Date of Commencement of Term	

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	2019	HCI (314444)	TH, PR	3/6	36
2	2019	WC (414445)	TH	3	36

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1	2019	DSBDA	87.8%
2	2019	SC	100%





**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Yes ☉
Internal Marks with supportive documents	YES/NO	Yes ☉
Log book(Practical Reading)	YES/NO	Yes ☉
Personal File (Updated)	YES/NO	Yes ☉
BCUD Profile (Updated)	YES/NO	Yes ☉
Assignments Record	YES/NO	Yes ☉
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	Yes ☉

4. Course Conduction Details

		Subject Name	
01	No. Of Lectures conducted upto Audit Date	36	36
02	Syllabus Covered (No. of Units / %)	100%	100%
03	No. of Practical Covered upto Audit Date	100%	100%
04	Average % Attendance upto Audit Date	> 80%	> 80%

5. Innovative practices adopted:

flipped classroom via google classroom (virtual classroom);
Use of sensca board

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
1	HCI models & theories	video lecture	G-classroom, youtube

Use of Virtual Laboratory: Yes / No

(Mention Details Below)

HTML, CSS, wireframes, website building





**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
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Academic Audit Report

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

NPTSL lectures on WC & HCI

**8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)**

**9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)**

Unit test, Prelim retest for fail & absent students
Seminar, topic discussion with slow students & bright students.

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
	<u>Planned HCI guest lecture on HCI TH Unit No. 3.</u>	<u>Prof. Sachin Pandey</u>	

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1.	<u>HNACZ Coordinator</u>	<u>Best Practices (institutional)</u> <u>IC & ISTE Uploads our manual reports</u>	<u>Linkup/land on website & SSR</u>
2.	<u>BE mentor</u>	<u>Phone calling for attendance</u> <u>mentoring, Fuel attendance</u>	<u>student mentoring</u>
3.	<u>Alumni Coordinator</u>	<u>Alumni Updates, feedback,</u> <u>alumni meet planning</u>	<u>Coordinated in organizational alumni meet, arrangement, attendance tracking</u>
4.	<u>Lean startup Program Coordinator</u>	<u>Lean startup & MVP mentoring</u> <u>session organization.</u>	<u>Coordinated in organizing Lean startup via VMC program</u>
5.	<u>Virtual Lab Coordinator</u>	<u>Conducted virtual Labs for SE, TE, BE course</u>	<u>Coordinated in planning Vlab during course SE, TE, BE.</u>

**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



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Academic Audit Report

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
Lean startup & MVP boot camp/mentoring session	One day 2/8/23	Apcoer, Pune	conducted
ACST - 2023	July 19 to 23, 2023	E & T, NIT Karukshetra Haryana	attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ Patents/Book chapter/Books	Paper/ Patents/Books Title	ISSN Number/Publisher details
a. ①	Personality Prediction based on Big five personality traits using Logistic Regression.	Mathematical statisti- cian & engineering applications	Volume 70, Issue 1
b. ②	A flower poltination Algorithm- optimized watershed transform deepcnn for analyzing binarized leaf & variety	MDPI	Volume 5, Issue 1
③	Decentralized supply chain Application using blockchain technology	JETIR	Volume 10, Issue 4
④	AI based mental health prediction system	JETIR	Volume 10, Issue 5
⑤	Chatbot revolution	JETIR	Volume 10, Issue 5

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

University TE/BE CAP Paper checking



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

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Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
—	—	—	—
—	—	—	—

Name & Signature of the faculty

Name of Auditor: Dr D.P. Kamble

Remark by Auditor: Completed but 2 work for Elective IV & V are pending.

Sign of Auditor with Date: 20/01/2023



Head of Department
Sign & Seal

Principal

IQAC Coordinator (Signature & Seal)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24 Semester: III

Date of Audit 03/01/24

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. Nikita Ranjeet Bhagat
B) Mobile Number	8390901419
C) Email ID	nikita.bhagat@abmspcorpune.org
D) Address (Residential)	Fld No.1, Dhone Nahar Heights, Sukhsagar Nagar, Katraj, Pune-46
E) Designation	Assistant Professor
F) Department	E&TC
G) Area of Specialization	VLSI & Embedded Systems
H) Date of Appointment	06/09/2023
I) Experience	a) APCOER - 4 Months Years b) Other Institutions 3.8 Years c) Industrial — Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52092300449
L) Date of Commencement of Term	

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	SE E&TC	DCT (204182)	TH + PR	42	43
2	FE	BXE	PA		

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

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Academic Audit Report

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Completed
Internal Marks with supportive documents	YES/NO	Completed
Log book(Practical Reading)	YES/NO	Completed
Personal File (Updated)	YES/NO	Completed
BCUD Profile (Updated)	YES/NO	Completed
Assignments Record	YES/NO	Completed
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	Completed.

4. Course Conduction Details

		Subject Name		
		DCT	ESD	BXE
01	No. Of Lectures conducted upto Audit Date	42		
02	Syllabus Covered (No. of Units / %)	6 Units / 100%		
03	No. of Practical Covered upto Audit Date	12 Expts / 100%	10 Assign	9 Expt / 100%
04	Average % Attendance upto Audit Date			

5. Innovative practices adopted:

Virtual Lab, Google Classroom, PPTs, NPTEL, Video Links.

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
1.	Unit II - Combinational Logic Design.	PPT.	G-Classroom.

Use of Virtual Laboratory: Yes / No (Mention Details Below)
For Digital Circuits → Basic Electronics Engineering



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

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Academic Audit Report

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
① National Education Policy' - NEP 2020	21/10/2023	APCOER	Attended
② One week FDP on Innovative Practices in Teaching Learning Process	19/12/2023- 23/12/2023	Narsahyachri Group of Institute.	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	—	—	—	—
b.				

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

Insem Paper checking



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

DoI: 02/01/2023

Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
	—	—	—
	—	—	—

M. Haged
Hit 24
Prof. Nikita R. Bhargat
Name & Signature of the faculty

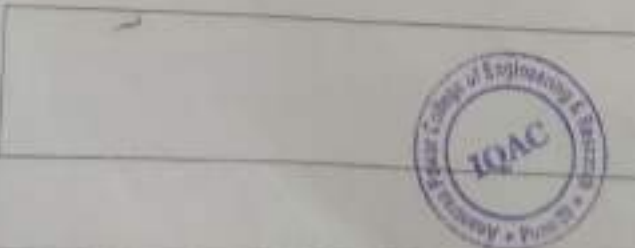
Name of Auditor: Dr P P Konde

Remark by Auditor:
Completed

P. P. Konde
Dr P P Konde
02/01/2023
Sign of Auditor with Date:

P. P. Konde
31/1/2023
Head of Department
Sign & Seal

[Signature]
Principal
02/01/2023



[Signature]
IQAC Coordinator (Signature & Seal)
11/1/23



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24 Semester: I

Date of Audit: 08/01/2024

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Dewendra Onkar Bhanambe.
B) Mobile Number	9970899254.
C) Email ID	dewendra.bhanambe@gmail.com
D) Address (Residential)	Ganesh Galaxy, Ravet, Pune.
E) Designation	Assistant Professor
F) Department	Computer Engineering.
G) Area of Specialization	Image processing.
H) Date of Appointment	20/06/2022
I) Experience	a) APCOER - 01 Years 06 months. b) Other Institutions 14 Years - c) Industrial - Years - Total = 15 Year 06 months.
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc.
K) BCUD ID	52062200143.
L) Date of Commencement of Term	

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
01	2019	310241 DBMS	Theory	40	40
02	2019	210244 CG	theory	42	42

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)





**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	
Internal Marks with supportive documents	YES/NO	Unit test portion related needs to be added
Log book(Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	
Assignments Record	YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Conduction Details

		Subject Name	
01	No. Of Lectures conducted upto Audit Date	DBMS	CG.
02	Syllabus Covered (No. of Units / %)	40	42
03	No. of Practical Covered upto Audit Date	VI / 100%	VI / 100%
04	Average % Attendance upto Audit Date	-	07
		89%	94%

5. Innovative practices adopted:

Kindly adopt innovative practices while teaching.

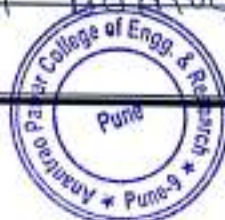
6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
	Kindly try for preparation of course material online		

Use of Virtual Laboratory: Yes/No

(Mention Details Below)

Yes Indian Institute of Technology Bombay
virtual Lab. IIT Bombay For Computer Graphics





Academic Audit Report

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

~~Database Management System performed SQL Lab.
& In computer graphics understand animation.~~

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

ok

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

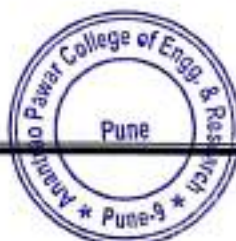
~~Question Bank of previous year solve it.
& also solve Assignment on CG & DBMS.~~

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
01	Expert lecture on DBMS.	Rushikesh Tonkale	77
02	Expert lecture on computer graphics.	Dra. Shilpa Rathod	75

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
01	TE class teacher.	Third year computer Engineering	class teacher, Roll id Admission, Exam form etc.
02	coordinator	project FARM	computer Dept.
03	Member	Agro net	performing activity of Agro net.





**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
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12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
International conference on "computational intelligence of XAI"	01	sandip university Nashik.	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	"ICCI XAI - 2023"	computer vision based classification & Quality Inspection	sandip university Nashik.
b.		in agricultural product A Review	

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

External Examiner for OOP & CG lab,
paper assessment for DBMS (Database Management System & Computer Graphics)





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research




Record No.: ACA/D/027
Revision: 00


DoI: 02/01/2023

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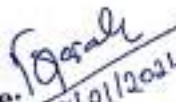
15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
01	Smart parking system.	—	BE student Imptera smart parking system under my guidance.
02	Project FARM.	—	with IICARE founder & Capgemini developer app for farmers.


Name & Signature of the faculty
08/01/2024.

Name of Auditor:  Dr. P. S. Patil
08/01/2024

Remark by Auditor: NPTEL / swatam course - one course need to be registered with exam. Research completed, publications in reputed journals at least one per sem.

Sign of Auditor with Date:  08/01/2024.

<p> 21/1/24 Head of Department Sign & Seal Head</p>	<p> 18-01-24 Principal Dr. Sumit B. Thakare</p>
<p>Computer Engineering Dept. Anantrao Pawar College of Engineering & Research, Parvati, Pune - 9</p> <p style="text-align: right;"> IQAC Coordinator (Signature & Seal) 8/1/2024</p>	





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Academic Audit Report

Course File Index

Sr. No.	Title
1	Faculty profile (Photographs, Qualification, Experience, Area of specialization, Subject Taught & Publication)
2	Subject Details <ul style="list-style-type: none">• Cover Page-Title, Subject Code, Teaching Scheme, Examination Scheme• Vision & Mission Statement• Quality policy statement• Academic Calendar• SPPU Syllabus Copy & Practical List• Program Educational Objects, Course Outcome, Course mapping with PEOs and Pos.• Last Three Year Result of the subject & Target for current semester
3	<ul style="list-style-type: none">• Class Timetable• Individual Timetable
4	<ul style="list-style-type: none">• Course Plan, Reference plan and Laboratory plan• Attendance Sheet
5	Study Material: <ul style="list-style-type: none">• Unit wise Subject Notes (Hand Written/Printed)• List of NPTEL Video Lectures links• Power Point presentation• Unit wise Question Bank• University Previous Question papers with solution• Unit wise Assignments with sample answers by students (Min 3 Students)• Unit Test, Prelim Exam Question papers with sample answer sheets (Best & Poor – 3 each) & Insem Question Paper• Remedial Action plan and implementation document based on Test Results• Subject related Research Papers
6	<ul style="list-style-type: none">• Academic Monitoring by HoD (Master checking)• Unit test, Insem, Prelim Examination Marksheet and Result analysis• Continuous Assessment Record (Practical/Term Work/Project/Seminar/PBL)• Lab Manual for the subject• Laboratory Log book (To be kept in Lab.)
7	Innovative Practices <ul style="list-style-type: none">• Content beyond Syllabus.• Teaching Methodologies/pedagogies (Quiz, games, Group Discussions, seminars etc.) if any recorded documents to be filed• Research papers, relevant articles related to subject from Journals, Conference, Case Study list to be prepared.• Any Additional effort to achieve CO, PO & PEO's.



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24

Semester: I

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. Varsha Chavan
B) Mobile Number	8411939236
C) Email ID	Varsha.chavan@abmspcorpune.org
D) Address (Residential)	Chandrangan Phase-7, Ambegaon, Pune
E) Designation	Assistant Professor
F) Department	Artificial Intelligence an Data Science
G) Area of Specialization	Networking, Cloud
H) Date of Appointment	01/06/2023
I) Experience	a) APCOER - 6 Months b) Other Institutions 00 Years c) Industrial 3.5 Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52062300243
L) Date of Commencement of Term	

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	SE (2019 Pattern)	Object Oriented Programming	TH + Lab	42	48
2	TE (2019 Pattern)	Web Technology	TH	42	46
3	BE (2019 Pattern)	Machine Learning	TH + Lab	36	47



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1	SE (2019 Pattern)	Object Oriented Programming	Not declared Yet
2	TE (2019 Pattern)	Web Technology	Not declared Yet
3	BE (2019 Pattern)	Machine Learning	Not declared Yet

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	
Internal Marks with supportive documents	YES/NO	
Log book(Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	Completed
Assignments Record	YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Conduction Details

		Subject Name					
		OOP	WT	ML			
01	No. Of Lectures conducted upto Audit Date	100%	100%	100%			
02	Syllabus Covered (No. of Units / %)	100%	100%	100%			
03	No. of Practical Covered upto Audit Date	100%	-	100%			
04	Average % Attendance upto Audit Date	92%	90%	85%			

5. Innovative practices adopted:

1. ICT Tools /SMART classroom: Flipped classroom concept used to teach the difficult point.
2. Usage of E-learning resources (NPTEL/MOOCs/Recorded Audio & Videos of individuals)

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
1	Object Oriented Programming	Videos	G-classroom



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

2	Machine Learning	Videos	Websites
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Use of Virtual Laboratory: Yes / No (Mention Details Below)

YES

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

Presentation session was conducted for slow learner and for bright learners one point is given to all bright learner students to present in front of entire class.

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
1	Industrial Visit	Bangalore-Mysore Visvesvaraya Industrial & Technological Museum and Hindustan Aeronautics Limited, Bangalore	47 Students from SE = 19, TE= 10 and BE = 18

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	Class Incharge - SE	Monitoring smooth conduction of all lectures and practical's as per TT, Monitoring attendance	Conduction all lectures and practical's and above 85% attendance
2	DSE Coordinator	DSE admission	DSE Admission
3	Academic Coordinator	Smooth conduction of academic	Report about Smooth conduction of academic
4	Website Coordinator	Update website of department	Update website of department



Akhil Bharatiya Maratha Shiksha Parishad's
Anantao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

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Academic Audit Report

5	NSS Coordinator	Social awareness	Social awareness
6	NAAC Criteria 2.6.2	To work for respective criteria as per work allotted by criteria coordinator	Working for NAAC Cr 2.6.2

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
FOP on DMV and Machine Learning	01 Day	APCOER	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

NA

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

NA

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr. No.	Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.	Fund Received	Details of Project
1	FARM	Capgemini	Farmer details collection



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

Dol: 02/01/2023

Academic Audit Report

Handwritten signature
02/01/2024

Prof. Varsha Chavan

Name & Signature of the faculty

Name of Auditor: Dr. P. R. Sawate

Remark by Auditor:

R work needs to be completed. NPTEL course needs to be registered - FDP (AI & DS) can be attended. One publication person is needed. All applied. Audit Request completed.

Sign of Auditor with Date:

Handwritten signature
21/11/2024

Handwritten signature
21/11/2024

Handwritten signature
21/11/2024
Head of Department
Sign & Seal

Handwritten signature
Principal 02/11/24

Head of Department

Artificial Intelligence and Data Science
APCOER, Pune



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IQAC Coordinator (Signature & Seal)



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24

Semester: I

Date of Audit

Audit Type: Final Audit

A) Name of Faculty	Prof. Swati Shripad Joshi
B) Mobile Number	9833434302
C) Email ID	Swati.joshi@abmspcorpune.org
D) Address (Residential)	TCG Panorama, Katraj Bypass, Ambegaon, Pune
E) Designation	Assistant Professor
F) Department	Artificial Intelligence an Data Science
G) Area of Specialization	Networking, Cybersecurity
H) Date of Appointment	14/02/2022
I) Experience	a) APCOER - 1 Year 9 Months b) Other Institutions 11 Years c) Industrial 00 Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	5202200249
L) Date of Commencement of Term	TE & BE: 04/11/2023 SE 04/12/2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	SE (2019 Pattern)	Operating System	TH + Lab	40	61
2	TE (2019 Pattern)	Computer Network	TH + Lab	42	56
3	BE (2019 Pattern)	Information Retrieval	TH + Lab	36	49



Anant Rao Pawar College of Engineering & Research



Record No.: ACA/D-027
Revision: 00

Dof: 02/01/2023

Academic Audit Report

2. Result of the course Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1	SE (2019 Pattern)	Operating System	Not declared Yet
2	TH (2019 Pattern)	Computer Network	Not declared Yet
3	BE (2019 Pattern)	Information Retrieval	Not declared Yet

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File (Theory & Practical with monthly wise Notes)	YES/NO	
Internal Marks with supportive documents	YES/NO	
Log books (Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	
Assignments Record	YES/NO	
Teaching Laboratory Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Completion Details

		Subject Name		
		OS	CN	IR
01	No. of Lectures conducted upto Audit Date	61	56	49
02	Syllabus Covered (No. of Units, %)	100%	100%	100%
03	No. of Practical Covered upto Audit Date	100%	100%	100%
04	Average % Attendance upto Audit Date	94%	92%	87%

5. Innovative practices adopted:

1. Virtual Labs are used for CN.
2. ICT Tools/SN/ICT classroom; Flipped classroom concept used to teach the difficult point.
3. Use of E-learning resources (LMS, LIL, MP/PCS/Recorded Audio & Videos of individuals)

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video, Text, or Animated Content)	Availability of developed course material (On G-classroom/YouTube/Websites)
1	Computer Network	Video	G-classroom
2	Operating System	Video	G-classroom



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

DoI: 02/01/2023

Academic Audit Report

Use of Virtual Laboratory: Yes / No (Mention Details Below)

YES

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

For Third Year students under Computer Network subject Crimping is taught.

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

Presentation session was conducted for slow learner and for bright learners one point is given to all bright learner students to present in front of entire class.

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted
1	Industrial Visit	Bangalore-Mysore Visvesvaraya Industrial & Technological Museum and Hindustan Aeronautics Limited, Bangalore	47 Students form SE = 19, TE = 10 and BE = 18

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	ISO Coordinator	Introduction to new faculty	ISO awareness
2	Exam Coordinator	Conduction of SE TE BE unit test and prelim exams	Smooth conduction of all exam
3	Guest Lecture/Expert Lecture Coordinator	Arranging Guest Lecture for all classes	Arranged guest lecture for classes
4	Class Incharge - BE	Monitoring smooth conduction of all lectures and practical's as per TT, Monitoring attendance	Conduction all lectures and practical's and above 85% attendance
5	Visit Coordinator	To plan and execute Visit for all students	Planned visit and successfully executed
6	Co-Curricular Activity Coordinator (Student Achievement)	To collect data of student achievements	Collected data of student achievements



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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7	T&P Coordinator	To work in coordination with TPO of institute for Training and placement of students in Department	Worked as department coordinator while campus drive on 15/09/2023 Sankey solutions Limited
8	Magazine Coordinator	To collect data and prepare magazine in coordination with college magazine coordinator	Collected dept. data for magazine and also prepared newsletter of AI&DS department and given it to college magazine coordinator
9	ISTE Coordinator	To ensure smooth conduction along with documentation of all events under ISTE for AI&DS Department	Smooth conduction along with documentation of all events under ISTE for AI&DS Department for 2K23
10	NAAC Criteria 5	To work for respective criteria as per work allotted by criteria coordinator	Working for NAAC Cr 5 for 5.1.2

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
FOP on DMV and Machine Learning	01 Day	APCOER	Attended
FDP on Distributed Ledger Technology	5 Days	Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune.	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

1. Drowsiness Detection System: Stay Alert Stay Alive, International Journal of Novel Research and Development, Published in Volume 8 Issue 11, November-2023, And ISSN: 2456-4184 | Date of Publication: 2023-11-08, Published In IJNRD (www.ijnrd.org) ISSN Approved & 8.76 Impact Factor.



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

NA

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

NA

Prof. Swati Jadhav
22/12/23
Name & Signature of the

faculty

Name of Auditor: Dr. R. R. Sasate

Remark by Auditor:

Assignment should be in ISO format - NPTEL - 1 course per year
Research proposal needs to be prepared - R work needs to be completed upto prelim complete.

Sign of Auditor with Date:

R. R. Sasate
22/12/23

Head of Department
Sign & Seal

Principal

Head of Department
Artificial Intelligence and Data Science
APCDS, Pune

Kardhar
IQAC Coordinator (Signature & Seal)

22/12/2023





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24 Semester: I

Date of Audit 17/01/2024

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Prof. R. A. Nikam
B) Mobile Number	7588735013
C) Email ID	rajshri.nikam@abmspcolapur.org
D) Address (Residential)	7B, A-1 Building, B Wing Kate Puram, Phase-1
E) Designation	Assistant Professor
F) Department	I.T.
G) Area of Specialization	Data mining
H) Date of Appointment	21/02/2022
I) Experience	a) APCOER - 7 Years b) Other Institutions 3.5 Years c) Industrial — Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52198471247
L) Date of Commencement of Term	07/08/2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1.	FE2019	Programming & Problem Solving Div A & Div B	08/12	47	47

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1.	FE.2019	PPS (Div C)	82%
2.	FE 2019	PPS (Div D)	89%





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

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Academic Audit Report

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

NO

8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief) Yes

meke whatsapp group for week students & counseling them & solve doubts of them.

9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)

NO

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1.	Time Table co-ordinator	Prepare all Time Table	completed upto sem-II
2.	Magazine & News letter co-ordinator	collected data & rearrange it	Process
3.	BVOC co-ordinator	Work as mentor	completed & Process completed

4. In Nall criteria 6





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

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Academic Audit Report

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed add Yes

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
Advanced in communication & signal processing techniques	05 Days 19 July 2023 to 25 July 2023	Electronics & communication Engineering at NIT Kumbhkar	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ Patents/Book chapter/Books	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	International Journal for Research in Applied Science & Engg Tech.	Automatic face Recognition & Detection for criminal Identification using ML.	Volume 11, Issue 4, May 2023

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

- SPPU paper checking.
- go for taking oral exam of Problem solving & Programming at VIT college.





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



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Revision: 00

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Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project. **NO.**

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
		NA	

P. K. Kam

Name & Signature of the faculty

Name of Auditor: Dr. Abhay Shelar

Remark by Auditor:

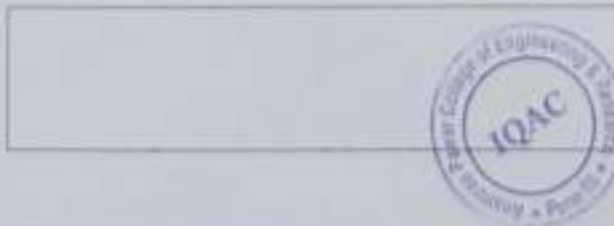
Publish paper in Scopus Journal and Elsevier Journal.
R-Work marks filling in process

AS
17/11/2024

Sign of Auditor with Date:

AS
17/11/2024
Head of Department
Sign & Seal

Principal
17/11/2024
Principal



Kandhar
IQAC Coordinator (Signature & Seal)
17/11/2024



Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



Record No.: ACA/R/003B
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Course File Index

Sr. No.	Title
1	Faculty profile (Photographs, Qualification, Experience, Area of specialization, Subject Taught & Publication)
2	Subject Details <ul style="list-style-type: none"><input type="checkbox"/> Cover Page-Title, Subject Code, Teaching Scheme, Examination Scheme<ul style="list-style-type: none">• Vision & Mission Statement• Quality policy statement• Academic Calendar<input type="checkbox"/> SPPU Syllabus Copy & Practical List<input type="checkbox"/> Program Educational Objects, Course Outcome, Course mapping with PEOs and Pos.<input type="checkbox"/> Last Three Year Result of the subject & Target for current semester
3	<ul style="list-style-type: none">• Class Timetable• Individual Timetable
4.	<ul style="list-style-type: none">• Course Plan, Reference plan and Laboratory plan.• Attendance Sheet
5	Study Material: <ul style="list-style-type: none">• Unit wise Subject Notes (Hand Written/Printed)• List of NPTEL Video Lectures links• Power Point presentation• Unit wise Question Bank• University Previous Question papers with solution• Unit wise Assignments with sample answers by students (Min 3 Students)• Unit Test, Prelim Exam Question papers with sample answer sheets (Best & Poor - 3 each) & Insem Question Paper• Remedial Action plan and implementation document based on Test Results <input type="checkbox"/> Subject related Research Papers
6	<ul style="list-style-type: none">• Academic Monitoring by HoD (Muster checking)• Unit test ,Insem, Prelim Examination Marksheet and Result analysis• Continuous Assessment Record (Practical/Term Work/Project/Seminar/PBL)• Lab Manual for the subject• Laboratory Log book (To be kept in Lab.)





Akhil Bharatiya Maratha-Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



Record No.: ACA/R/003B
Revision: 00

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Academic Audit Report

7

Innovative Practices

- Content beyond Syllabus.
- Teaching Methodologies/pedagogies (Quiz, games, Group Discussions, seminars etc.) if any recorded documents to be filed
- Research papers, relevant articles related to subject from Journals, Conference, Case Study list to be prepared.
- Any Additional effort to achieve CO, PO & PEO's.





Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



Record No.: ACA/R/003B
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year:2023-24

Semester: I

Date of Audit : 15/12/2023

Audit Type: Final Audit

A) Name of Faculty	Prof. Sambhaji Nawale
B) Mobile Number	8010663348
C) Email ID	Sambhaji.nawale@abmspcorpune.org
D) Address (Residential)	302-Ovi Hight Apartment Hinjawadi Village , Hinjawadi
E) Designation	Assistant Professor
F) Department	Computer Engineering
G) Area of Specialization	Embedded System
H) Date of Appointment	01/02/2023
I) Experience	a) APCOER - 11 Month
	b) Other Institutions 9.5 Years
	c) Industrial 1 Years
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52052300075
L) Date of Commencement of Term	08/08/2023





Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



Record No.: ACA/R/003B
Revision: 00

DoI: 02/01/2023

Academic Audit Report

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1.	SE-2019	Digital Electronic & Logic Design	Theory	42	42
2.	SE-2019	Digital Electronic Lab	Practical	12	12
3.	TE-2019	Software Project Management	Theory	42	42

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)

3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Yes
Internal Marks with supportive documents	YES/NO	Yes
Log book(Practical Reading)	YES/NO	Yes
Personal File (Updated)	YES/NO	Yes
BCUD Profile (Updated)	YES/NO	Yes
Assignments Record	YES/NO	Yes
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	Yes

4. Course Conduction Details

		Subject Name	
01	No. Of Lectures conducted upto Audit Date	DELD(21045)	SPM(310245D)
02	Syllabus Covered (No. of Units / %)	100 %	100 %
03	No. of Practical Covered upto Audit Date	6Unit	6Unit





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College of Engineering & Research



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Academic Audit Report

04 Average % Attendance upto Audit Date

5. Innovative practices adopted:

—

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material (On G-classroom/Youtube/Websites)
1.	Introduction to Number System	video lecture	Youtube
2.	Forward & Backward class		websites

Use of Virtual Laboratory: Yes / No (Mention Details Below)

No

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

—

8. Number of remedial Lectures and counseling module developed and imparted to Students. Yes/No (if Yes attach write in Brief)

9. Activities for uplifting slow & Bright learners (Mention the Activities and no of Students benefitted)

—





Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



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Academic Audit Report

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1.	NATAS Coordination	T & P	Data available
2.	Class Coordinator	Finalize Roll Call List + create group	Completed
3.	First Year Admission Coordinator	Phone calling	Completed
4.	D.V. Coordinator	Industrial Visit planning	Completed
5.	Department Library	Incharge prepare file	Completed.
6.	File Incharge	prepare file	Completed

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
National Education Policy	11 to 12 Feb 2023	APCOER, Pune	Attended





Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



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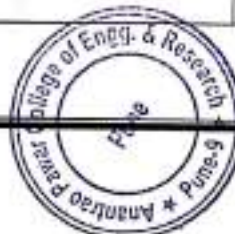
13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books	Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	IJSET		WSH	e-ISSN-2348-4098
b.	IJRSET		WSH	e-ISSN-2348-6271
				e-ISSN-2319-8777

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project





Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar
College of Engineering & Research



Record No.: ACA/R/003B
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DoI: 02/01/2023

Academic Audit Report

[Signature]
Name & Signature of the faculty
19/12/23
Prof. Manoj K. S.

Name of Auditor: Dr S.R. Deshpande

Remark by Auditor:

1) Organize expert lectures from renowned
institutes
2). B-work completed

Soojey
19/12/23
Sign of Auditor with Date: *[Signature]*
4/1/24

[Signature]
19/12/2023
Head of Department
Sign & Seal
Anantrao Pawar
& Research, Pune
Head
Engineering Dept.
College of Engineering
& Research, Pune



[Signature]
19-12-23
Principal

[Signature]
IQAC Coordinator (Signature & Seal)
4/1/24





Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

DoI: 02/01/2023

Academic Audit Report

Academic Year: 2023-24

Semester: 7th

Date of Audit

Audit Type: Preliminary Audit / Final Audit

A) Name of Faculty	Mr. Sharad Sarjerao Jagtap
B) Mobile Number	9730616145
C) Email ID	Sharad.jagtap@abmspcoerpune.org
D) Address (Residential)	Flat No 1 Swami Krupa, Dhayari, Pune
E) Designation	Assistant Professor
F) Department	E & TC
G) Area of Specialization	IoT, Signal Processing and VLSI
H) Date of Appointment	24/06/2015
I) Experience	a) APCOER - 08 Years b) Other Institutions- 05 Years c) Industrial 0.5 Years
J) Nature of Appointment (Permanent/ Adhoc)	Permanent
K) BCUD ID	52201586873
L) Date of Commencement of Term	10 July 2023

1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. Of lectures allotted	Number of Lecture Conducted
1	BE E& TC	Javascript	TH+PR	40	42

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1	SE E & TC	Object Oriented Programming	86%
2	TE E & TC	Advanced Java Programming	76%



**Akhil Bharatiya Maratha Shikshan Parishad's
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Academic Audit Report

3	TE E & TC	Cellular Network	65%
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3. Records Verified:

Students Attendance	YES/NO	Remark by Auditor
Course File Theory & Practical with unit wise Notes	YES/NO	Soft copy Available
Internal Marks with supportive documents	YES/NO	UT, Prelim documents
Log book(Practical Reading)	YES/NO	Available
Personal File (Updated)	YES/NO	Updated
BCUD Profile (Updated)	YES/NO	Updated
Assignments Record	YES/NO	6 Assignments available
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	Available

4. Course Conduction Details

		Subject Name: Javascript	
01	No. Of Lectures conducted upto Audit Date	42	42
02	Syllabus Covered (No. of Units / %)	100 % (6 Units)	OK
03	No. of Practical Covered upto Audit Date	100 % (10 Exp.)	
04	Average % Attendance upto Audit Date	95 %	

5. Innovative practices adopted:

NPTEL course and Audit course (online) suggested

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/Youtube/Websites)
1	Javascript	PPTs	Google classrooms

Use of Virtual Laboratory: Yes / No

(Mention Details Below)



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



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Academic Audit Report

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

Java programming Virtual Lab

**8. Number of remedial Lectures and counseling module developed and imparted to Students.
Yes/No (if Yes attach write in Brief)**

Attached Notice, attendance of slow learner & fast learner

**9. Activities for uplifting slow & Bright learners
(Mention the Activities and no of Students benefitted)**

Four students

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning — not arranged.

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefitted

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1	BE Class Teacher		
2	Dept. TPO	Conducted Placement Drive	3-shortlisted
3	V.Lab co-ordinator	Conducted Workshop	Usage.
4	NAAC-I coord.	Completed NAAC-I	
5	BE Project co-ord.	Motivated for participation	2 selected for
6	Farm Project Dept co-ord.	Co-ordinating students	121 funding Project Develop
7	Fuel Dept. co-ord.	Motivated for participation	Certification
8	Spoken Tut. co-ord.	Conducted course from JST (Bawari)	Certifications



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



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Academic Audit Report

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
NPTEL Internet of Things	12 weeks	-	Attended

13. Details of Publications & Patents (Attach separate sheet if required) :

S. No.	Name of Journal/ chapter/Books Patents/Book	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	Patent Published on	Smart Polyhouse	202321015576A
b.		Development and control using IoT operated Android App.	

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received

1) Working on FARM capgemini/ITCare project
 2) Working on Polyhouse Project 1) Agrowrain
 2) Agrowfan



Akhil Bharatiya Maratha Shikshan Parishad's
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Academic Audit Report

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr.No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
1	SPPU ASPIRE Project (speech & speaker Recognition for forensic applications)	2,15,000/-	SPPU Aspire Research Project

Shirad
Shirad S. Jagtap
Name & Signature of the faculty

Name of Auditor: Dr. Raviraj R. Satali

Remark by Auditor:

- Report - seminars needs to be arranged

R.Walk - Unit test, Insem, Prelim marks
completed

Sign of Auditor with Date:

Raviraj
12/12/23

Head of Department
Sign & Seal

Soojey
14/12/23

Shirad
Principal
15-12-23



Kardhar
IQAC Coordinator (Signature & Seal)
15/12/2023



**Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research**



**Record No.: ACA/D/027
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Academic Audit Report

Course File Index

Sr. No.	Title
1	Faculty profile (Photographs, Qualification, Experience, Area of specialization, Subject Taught & Publication)
2	Subject Details <ul style="list-style-type: none"> ● Cover Page-Title, Subject Code, Teaching Scheme, Examination Scheme ● Vision & Mission Statement ● Quality policy statement ● Academic Calendar ● SPPU Syllabus Copy & Practical List ● Program Educational Objects, Course Outcome, Course mapping with PEOs and Pos. ● Last Three Year Result of the subject & Target for current semester
3	<ul style="list-style-type: none"> ● Class Timetable ● Individual Timetable
4	<ul style="list-style-type: none"> ● Course Plan, Reference plan and Laboratory plan. ● Attendance Sheet <i>Roll call list</i>
5	Study Material: <ul style="list-style-type: none"> ● Unit-wise Subject Notes (Handwritten/Printed) <ul style="list-style-type: none"> ● List of NPTEL Video Lecture links ● PowerPoint presentation ● Unit wise Question Bank ● University Previous Question papers with solution ● Unit wise Assignments with sample answers by students (Min 3 Students) ● Unit Test, Prelim Exam Question papers with sample answer sheets (Best & Poor – 3 each) & Insem Question Paper ● Remedial Action plan and implementation document based on Test Results <ul style="list-style-type: none"> ● Subject related Research Papers
6	<ul style="list-style-type: none"> ● Academic Monitoring by HoD (Muster checking) ● Unit test, In sem, Prelim Examination Marksheets and Result analysis ● Continuous Assessment Record (Practical/Term Work/Project/Seminar/PBL) ● Lab Manual for the subject ● Laboratory Logbook (To be kept in Lab.)
7	Innovative Practices <ul style="list-style-type: none"> ● Content beyond Syllabus. ● Teaching Methodologies/pedagogies (Quizzes, games, Group Discussions, seminars, etc.) if any recorded documents are to be filed ● Research papers, and relevant articles related to the subject from Journals, Conference, and Case Study list to be prepared. ● Any Additional effort to achieve CO, PO & PEOs.



[Handwritten Signature]



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/027
Revision: 00

Dol: 02/01/2023

Academic Audit Report

Academic Year: 2023-24

Semester: I

Date of Audit: /01/2024

Audit Type: Final Audit

A) Name of Faculty	Prof. Shubham S. Gapchup
B) Mobile Number	9657255198
C) Email ID	shubham.gapchup@abmiscoerpune.org
D) Address (Residential)	B-8 Ujwal park coop. Society sinhagad road Pune 411041.
E) Designation	Assistant Professor
F) Department	First Year Department.
G) Area of Specialization	Coding Theory.
H) Date of Appointment	14/11/2022
I) Experience	a) 10 Months. in APCOER b) 3 Months.
J) Nature of Appointment (Permanent/ Adhoc)	Adhoc
K) BCUD ID	52122200061
L) Date of Commencement of Term	23/08/2023



1. Subjects taught:

Sr. No.	Course	Subject name & Code	Theory / Practical	Total No. of lectures allotted	Number of lectures conducted
1.	F.E.	Engineering Mathematics I (107001) Div. B	Theory + Tutorial	48	48
1.	F.E.	Engineering Mathematics I (107001) Div. E	Theory + Tutorial	48	50

2. Result of the course/Subject taught during the evaluation period:

Sr. No.	Name Course	Subject Name	Result (SEM-I & SEM-II)
1.	F.E.	Engineering Mathematics I(107001)	58%
2.	F.E.	Engineering Mathematics II	91%



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9. Activities for uplifting slow & Bright learners (Mention the Activities and no of Students benefited):
Activities for uplifting slow & Bright learners Doc. attached.

10. Details of Expert Lectures / Educational Visit arranged for Students to support the learning

Sr. No.	Name of the Activity	Expert name / Industry Name	No. of Students Benefited
1.	Not Conducted Yet.		

11. Details of other Responsibilities:

Sr. No.	Role	Activities	Activity Outcome
1.	Class In-charge	Maintain Phone Calling Record for uplifting slow learners.	Lecture Attendance increased.
2.	Mentor	To consult with students about their educational problems.	To Consult students to improve their academics.
3.	Event Coordinator & Sports Coordinator	Conducted Event to guide students about Exam strategy. To Encourage Students for sports activity	Volleyball Competition won in Sparktech Event.
4.	NAAC Criteria VII Departmental Coordinator	Collect Data for 7.1.2	Institute Accreditation.
5.	IIC departmental Coordinator.	Different type of event report created	Different type of event report presented.
6.	Unit Test, Prelims, In Sem, End Sem exam supervisor	Supervision duties at the time of Examination	Examinations Conducted Successfully.
7.	SPPU Examiner	Paper Checking work at CAP Center	Fluency in Result declaration of SPPU exams.

12. Details of Seminars/workshops/webinar attended/Conducted (Attach certificates), NPTEL/SWAYAM etc. Courses completed

Particulars	Duration (From Date to Date) = No. of Days	Name of Organizing Institute / Industry	Attended / Conducted
Problem solving course in higher mathematics	2 Months	Bhaskaracharya Pratishthan, Pune	Attended

13. Details of Publications & Patents (Attach separate sheet if required):





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3. Records Verified:

	Remark by Auditor	
Students Attendance	YES/NO	
Course File Theory & Practical with unit wise Notes	YES/NO	
Internal Marks with supportive documents	YES/NO	
Log book(Practical Reading)	YES/NO	
Personal File (Updated)	YES/NO	
BCUD Profile (Updated)	YES/NO	
Assignments Record	YES/NO	
Teaching / Laboratory / Reference Plan prepared and Approved by Principal	YES/NO	

4. Course Conduction Details

		DN- B E	Subject Name
01	No. Of Lectures conducted up to Audit Date	48/50	
02	Syllabus Covered (No. of Units / %)	100 %	
03	No. of Practical Covered up to Audit Date	Tutorials Conducted	
04	Average % Attendance up to Audit Date	85 %	

5. Innovative practices adopted:

N.A.

6. Development of the course material:

Sr. No.	Name of Topic	Type of Contents (Video Lecture/Animated Contents)	Availability of developed course material(On G-classroom/YouTube/Websites)
1.	Curve Tracing	Video Lecture	https://www.youtube.com/watch?v=P12rC0eewCs&list=PLEBuowGoCtr3Hs_4lc7g4RpMHfNjh8ipG
2.	Higher Engineering Mathematics	Video Lecture	https://www.youtube.com/watch?v=EjGUX_bXuo0&list=PLLy_2iUCG87D78eWpog78PPqU3OoaUsLc

Use of Virtual Laboratory: Yes / No (Mention Details Below)

N.A.

7. Content of Theory/Practical's Taught/Conducted Beyond the Syllabus

Topic: Partial Ordered Set



Link:

https://www.youtube.com/watch?v=bQc_gXVneU4&list=PLLy_2iUCG87D78eWpog78PPqU3OoaUsLc&index=14

8. Number of remedial Lectures and counseling module developed and imparted to Students.

Yes/No (if yes attach write in Brief): Yes - Attached.



	Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research		
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Sr. No.	Name of Journal/ Patents/Book chapter/Books	Paper/ Patents/Books Title	ISSN Number/Publisher details
a.	_____	_____	_____

14. Contribution to the University/Research Activities/Colleges through meetings, Add on lectures, subject related events, articles in college magazine, Awards Received:
_Engineering Mathematics I Chairman Meeting Attended.

15. Consultancy project/ In-house Research Project/ Sponsored project carried out/ ongoing major project.

Sr. No	Consultancy project/ work carried out/ Sponsored project	Fund Received	Details of Project
1.	_____	_____	_____



Prof. Shubham S. Gapchup
Name and signature of the faculty


Name of Auditor: Prof. Ganesh Kondhalkar, 17/01/2024

Remark by Auditor: R work completed upto Prelim Exam.
Adopt online/offline Quiz & other Metrobiologies to

Sign of Auditor with Date: check students understanding
Audit Completed

Head of Department
First Year Engineering
Siga BSCER, Pune

17/01/2024
Head of Department


Principal
17/01/2024




 IQAC Coordinator (Signature & Seal)
 19/1/24