

GOVERNMENT POLYTECHNIC, KOLHAPUR

(An Autonomous Institute of Government of Maharashtra)

MPECS 2020 Curriculum

OUTCOME BASED – LEARNING, TEACHING AND ASSESSMENT (OB-LTA) PROFORMAS

For MPECS2020 Curriculum

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F1: Format for Academic Activities Calendar

GOVERNMENT POLYTECHIC, KOLHAPUR

(An Autonomous Institute of Government of Maharashtra)

Electronics & Telecommunication Department

STUDENTS ACTVITIES CALENDER

Year-....

S. N.	Activity	Date(s)	Category CU/CC/EC	Faculty In-Charge

Departmental Co-coordinators

Head Of the Department

F2: Planning for Delivery of Theory Content (Lectures)

GOVERNMENT POLYTECHNIC, KOLHAPUR

Planning for Course Instruction

TLP-1: Teaching Plan for Course

Course Name with Code:	Semester: Programme:		
Lectures per week:	Total no. of Lectures for the Semester:		
Name of Teacher:			

Chapter No and Allocated Hours	COs	Title of Topic/ Sub topics	Teaching Aids	Planned Dates From-To and Allocated Hours	Actual Dates of Conduction And Hours taken	Remarks if any

Name & Sign of Subject Teacher

Name & Sign of HOD

F3: Planning for Delivery of Practicals

GOVERNMENT POLYTECHNIC, KOLHAPUR

Planning for Course Instruction

Format TLP-2: Practicals Wise Planning

Course Name With Code:			Semester:		Programme:
Practical Session: Hrs/week Sessions		Sessions/week:		No. of ses	sions per Semester:
Name of Teacher:					

Practical. No.	Name of Experiment/Practical	СО	Batch	Planned Date	Actual Date of Conduction	Remarks if any
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			
			A			
			В			
			C			

Name & Sign of Subject Teacher

Name & Sign of HOD

F4: Proforma for Identification of Weak/Bright Students

GOVERNMENT POLYTECHNIC, KOLHAPUR

GOVERNIVIENTI OETTE EINNE, ROEINI ER								
	Academic Year	Term: ODD / EVEN						
Identific	Identification of Bright and Weak Students through Result Analysis of: Unit Test No 1/2 / Term End Exam							
Date of Examination	Date of Examination:-							
Course Code and Na	me:							
Name of Teacher:-								
Range of Marks Obtained	Roll No of Students	No. of Students	% of Students					
Above % *								
Below% *								
1. Students belo	Total No. of students appeared: 1. Students below are weak students: • State the reasons for poor performance:							
• Reme	Remedial measures/action suggested for improvement:-							
2. Students above are Bright students:								
Following are 1) 2) 3)	e the task/Targets given to Bright stud	dents for motivation	n-					

*: Threshold value to be decided by Course Teacher based on difficulty level of the course.

F5: Detention Report

Academic Year:

Course Code and Name:

Programme:

GOVERNMENT POLYTECHNIC, KOLHAPUR

Term End Examination Detention Report

Examination: SUMMER/WINTER.....

Туре	Total Students	Student Roll Numbers
DETAIN		
TERM GRANTED		

Name and Signature of Subject Teacher

Name and Signature of Programme Dean/HOD

Programme:

F6: Industrial Visits Details

GOVERNMENT POLYTECHNIC, KOLHAPUR

Academic Year: Semester:					er:		
Sr No	Name of Industry, Address and Contact details	Semester	Course Name	Name of Coordinator	Date of Conduction of Activity	Number of Beneficiaries	Relevance to POs and PEOs (Numbers)

Name & Signature of Coordinator

Name & Signature of HOD

Programme:

F7: Expert Lectures Details

GOVERNMENT POLYTECHNIC, KOLHAPUR

Acad	Academic Year: Semester:							
Sr No	Name of Expert, and Contact Details	Торіс	Course Code and COs	Semester	Name of Coordinator	Date of Conduct ion	No. of Benefici aries	Relevanc e to POs and PEOs (Number s)

Name & Signature of Coordinator

Name & Signature of HOD

 $F8: \ \, \text{Teacher wise Students Feedback Form (as per AICTE)}$

GOVERNMENT POLYTECHNIC, KOLHAPUR

TEACHER WISE STUDENTS FEEDBACK FORM (As per AICTE)

Academic Year:	Name of the Faculty:
Course:	Semester:
	Date of Feedback:

For Getting filled from Students:

Sr	Description=>	Very Poor	Poor	Good	Very	Excellent
No	Description->	very roor	F 001	Good	Good	Excellent
	Points =>	1	2	3	4	5
1	Has the Teacher covered entire Syllabus as prescribed by University/ College/ Board?					
2	Has the Teacher covered relevant topics beyond syllabus					
3	Effectiveness of Teacher in terms of:					
	(a) Technical content/course content					
	(b) Communication skill:					
	(c) Use of teaching aids					
4	Pace on which contents were covered					
5	Motivation and inspiration for students to learn					
6	Support for the development of Students' skill					
	(i) Practical demonstration					
	(ii) Hands on training					
7	Clarity of expectations of students					
8	Feedback provided on Students' progress					
9	Willingness to offer help and advice to students.					
	Total:					

F9: Format for Test Exam Question Paper

GOVERNMENT POLYTECHNIC, KOLHAPUR

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TEST EXAMINATION No.:								
LEVEL: V		PROGRAMME:						
COURSE CODE AND COURSE	E NAME:							
MAX. MARKS: 20	TIME: 01 Hour	DATE:						

[**Abbreviations**: *QN* – Question No., *SQN* – Sub-question No., *R*-Remembering, *U*-Understanding, *A*-Analyzing, *CO* – Course Outcome]

	S	Analyzing, CO – Course Out	Cognition		N/L I
Q N	Q N	Question text	Level R/U/A	CO Code	Marks out of
1	⇒	Attempt any four			08
	A				
	b				
	c				
	d				
	e				
	f				
2	\Rightarrow	Attempt any three			12
	a				
	b				
	c				
	d				
	e				

F10: Format for Term End Theory Examination Question Paper

GOVERNMENT POLYTECHNIC, KOLHAPUR

(An Autonomous Institute of Government of Maharashtra)

ODD/EVEN TERM END EXAM MONTH/YEAR

	EXAM SEAT				NO:
LEVEL:					
COURSE CODE:					
COURSE NAME:					
MAX MARKS:		TIME:		DATE	2:

Instructions:

- 1) Answers must be written in the main answer book provided(and Suppliments, if required)
- 2) Illustrate your answers with sketches wherever necessary
- 3) Use of non-programmable pocket calculator is permissible
- 4) Mathematics and other tables shall be made available on request
- 5) Assume and mention additional suitable data if necessary
- 6) Use of Mobile strictly prohibited
- 7) QN:- Question Number, SQN- Sub Question Number, R- Remembering, U-Understanding, A-Application

SECTION I

Q	S		Cognition		Marks
	Q	Question text	Level	CO Code	out of
N	N		R/U/A		041 01
1	⇒	Attempt any FOUR			08
	a				
	b				
	c				
	d				
	e				
	f				
2	\Rightarrow	Attempt any FOUR			16
	a				
	b				
	c				
	d				
	e				
	f				
3	小	Attempt any TWO out of 3 (2*8)) OR			16
	Ľ	Attempt any FOUR out of 6 (4*4)			
4	a				
	b				
	c				
	d				
	e				
	f				

SECTION II

Q N	S Q N	Question text	Cognition Level R/U/A	CO Code	Marks out of
1	⇒	Attempt any FOUR			08
	A				
	b				
	c				
	d				
	e				
	f				
2	\Rightarrow	Attempt any FOUR			16
	a				
	b				
	c				
	d				
	e				
	f				
3	⇨	Attempt any TWO out of 3 (2*8)) OR			16
4	a	Attempt any FOUR out of 6 (4*4)			
4	b				
	c				
	d				
	_				
	e				
	f				

Course Code & Course Name:-__

F11: Institute level Proforma for PR/OR Final Evaluation "Proforma I"

PROFORMA - I

GOVERNMENT POLYTECHNIC, KOLHAPUR

Performance for Final Assessment of PRACTICAL / ORAL FOR COURSES OF FIRST AND SECOND SEMESTER (Without Micro-Projects)

By Internal & External Examiner

(For Course having ONLY PRACTICAL / ORAL)

Prog	Programme:									
Summer/Winter Exam-20Date:										
Sr. No.	Roll No./ Exam. Seat No.	Progressive	Marks of Continuous Assessment		Performance of Term End PR/OR by External Examiner	Marks Out of (Total of Col.2 to 5)	Marks As per Evaluation Scheme(as mention in Exam. Scheme)			
	Column No-1	2	3	4	5	6	7			
	Max.Marks Allotted	25	25	25	25	100				

Internal Examiner Signature:-Name:-Institute:- External Examiner Signature:-Name:-Institute:- Course Code & Course Name:-_

$F12: Institute \ level \ Proforma \ for \ PR/OR \ \underline{Final} \ \underline{Evaluation \ ``Proforma \ II''}$

PROFORMA-II

GOVERNMENT POLYTECHNIC, KOLHAPUR

Performance for Final Assessment of PRACTICAL / ORAL FOR COURSES OF FIRST AND SECOND SEMESTER (Without Micro-Projects)

By Internal Examiner

(For Course having ONLY PRACTICAL / ORAL)

Progra	mme:-					
Summ	er/Winter Exam-20			Date:		
Sr. No.	Roll No./ Exam. Seat No.	Marks of Progressive Skill Test	Marks of Continuous Assessment	Performance of Term End PR/OR by Internal Examiner		Marks As per Evaluation Scheme (as mention in exam. Scheme)
	Column No-1	2	3	4	5	6
	Max.Marks Allotted	25	25	50	100	

Internal Examiner Signature:-Name:-Institute:- Course Code & Course Name:-_

$F13: Institute\ level\ Proforma\ for\ PR/OR\ Final\ Evaluation\ "Proforma\ III"$

PROFORMA - III

GOVERNMENT POLYTECHNIC, KOLHAPUR

Performance for Final Assessment of PRACTICAL / ORAL FOR COURSES OF THIRD TO SIXTH SEMESTER (With Micro-Projects)

By Internal & External Examiner

(For Course having ONLY PRACTICAL / ORAL)

Pro	gramme:							
Sur	mmer/Winter E	Exam-20			Da	te:		
Sr. No	Roll No./ Exam. Seat No.	Progressive	Assessment	Marks As per Evaluation Scheme for micro-project (to be assessed by internal examiner)	Performance of Term End PR/OR by Internal Examiner	Performance of Term End PR/OR by External Examiner		Marks As per Evaluation Scheme (as mention in Exam.Scheme)
	Column no.1	2	3	4	5	6	7	8
	Max.Marks Allotted	25	25	25	25	25	125	

Internal Examiner Signature:-Name:-Institute:- External Examiner Signature:-Name:-Institute:-

F14: Institute level Proforma for PR/OR Final Evaluation "Proforma IV"

Course Code & Course Name:-

PROFORMA-IV

GOVERNMENT POLYTECHNIC, KOLHAPUR

Performance for Final Assessment of PRACTICAL / ORAL

FOR COURSES OF THIRD TO SIXTH SEMESTER (With Micro-Projects)

By Internal Examiner

(For Course having ONLY PRACTICAL / ORAL)

Program	me:				-		
Summer	/Winter Exam-2	20		Γ	Date:		
Sr. No.	Roll No./ Exam. Seat No.	Marks of Progressive Skill Test	Marks of Continuous Assessment	Marks As per Evaluation Scheme for micro-project (to be assessed by internal examiner)	Performance Of Term End PR/OR by Internal Examiner	Marks out of (Total of col.2 to 5)	Marks As per Evaluation Scheme(as mention in Exam. Scheme)
	Column no.1	2	3	4	5	6	7
	Max.Marks Allotted	25	25	25	50	125	
<u> </u>							

Internal Examiner
Signature:-
Name:-
Institute-

F15: Continuous Assessment for Laboratory Work Proforma

GOVERNMENT POLYTECHNIC, KOLHAPUR

Continuous Assessment of Laboratory Work

(For the subjects having ORAL / PRACTICAL & TW)

Roll No /	P1	P2	Р3	P4	P5	P6	P7	P8	P9	P10	P12	Average
Exam No	25	25	25	25	25	25	25	25	25	25	25	25

Signature of Teacher

F16: Project 1 and 2 Weekly Progress Report

GOVERNMENT POLYTECHNIC, KOLHAPUR

Department:	
Final Year Project Work	: Weekly Progress Report

Semester: I/II	Week No:	Date:
Objective		
Problem		
Solution/Discussion		
Next Week Task		

F17: Project Sheet "Proforma P1"

Porforma P1

PROJECT SHEET

(for each project)

Rationale of Project:			

Type of Project: (Product making / Research / Problem solving / Industry based / etc.)

Uniqueness of Project:

Programme: Title of Project:

Inter-disciplinary component of Project:

Process of Identification and Finalization of Topic of Project:

(Review of previous projects / Brain storming session for project ideas / Internet search for topic / Industry or field problem search, etc.)

Project Outcomes (PROs)

- 1.
- 2.
- 3.
- 4.

PRO-PO Consistency Matrix:

			Pr	ogramme Out	comes POs an	d PSOs			
	PO 1 Basic	PO 2	PO 3 Design/	PO 4	PO 5	PO 6 Project	PO 7 Life-	PSO1	PSO2
Projec	Discipline	Problem	development	Engineering	Engineering	Management	long learning		
t	knowledge	analysis	of solutions	Tools,	practices for				
Outco		·		Experimenta	society,				
mes				tion and	sustainability				
(PROs				Testing	and				
)					environment				
1									
2									
3									

Details of Students' Group : Project Batch -

Sr.	Full name of student	Roll No.	Role in	the project
No.	(Beginning with surname)	Kon ivo.	General	Particular
1.				Leader
2.				
3.				
4.				

 $F18: Finalization \ of \ Project \ Groups, \ Topics \ and \ Guides \ "Proforma \ P2"$

Porforma P2

FINALIZATION OF PROJECT GROUPS, TOPICS AND GUIDES

Programme: Academic Year: Class:

Date:

S N	Project Group	Projec	ct Group			Type of Project
	ID	Roll No.	Names of Students	Title of Project	Name of Project Guide	(Product making / research / problem solving / industry based / etc.)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
•••						

 $F19: \ \, \text{Project 1 and 2 Individual and team performance "Proforma P3"}$

Proforma P3 ASSESSMENT RUBRICS FOR SYNOPSIS OF PROJECT

Programme: Academic Year: Name of Project Guide:

Project Group ID: Title of Project: Date:

		Assessment	point-wise so	core (out of 5) of	each student in	project group	
Sr. No	Roll No.	Feasibility Study (5)	Objective and Scope (5)	Block diagram/Desi gn and description (5)	Methodology/ Planning of work (5)	Expected outcomes/ result, References (5)	Total (Out Of 25)

F20: Project 1 and 2 Individual and team performance "Proforma P4"

Proforma P4 ASSESSMENT RUBRICS FOR DEMONSTRATION-1/2 OF PROJECT

Programme:	Academic Year:	Name of Project Guide:

Project Group ID: Title of Project: Date:

		Assessment	point-wise s	core (out of 5) o	of each student	in project	
Sr.	Roll No.	Conte	nt	9 1	Delivery		Total
No		Conceptual Understanding (10)	Relevance & Accuracy (10)	Organization, preparation and effectiveness of delivery (10)	Style, pacing and body language (10)	Time managemen t and Q & A (10)	Out of 50

F21: Project 1 and 2 Individual and team performance "Proforma P5"

Proforma P5

ASSESSMENT RUBRICS FOR SEMINAR REPORT OF PROJECT

Programme: Academic Year: Name of Project Guide:

Project Group ID: Title of Project: Date:

		Assessmen	t point-wise s	score (out of 5)	of each studen	t in project group	
Sr. No	Roll No.	Objective and Scope (5)	Literature Review (3)	Methodolog y (10)	Conclusion/ References (2)	Report format/ Writing Skill (5)	Total (Out Of 25)

F22: Project 1 and 2 Individual and team performance "Proforma P6"

Proforma P6

ASSESSMENT RUBRICS FOR FINAL PRESENTATION OF PROJECT

Programme:	Academic Year:	Name of Project Guide:
Project Group ID:	Title of Project:	Date:

		Assessment	point-wise s	core (out of 5) o	of each student	in project	
Sr.	Roll No.	Conte	nt		Delivery		Total
No		Conceptual Understanding (10)	Relevance & Accuracy (10)	Organization, preparation and effectiveness of delivery (10)	Style, pacing and body language (10)	Time managemen t and Q & A (10)	Out of 50

$F23: Internship\ I\ and\ II-Information\ about\ Industry/Organization\ for\ training$

Information about Industry/Organization for training

	,	cluding email):			
Contact person da) Name:	letails:				
b) Designation:	:				
c) Email					
d) Contact num	iber/s:				
) Type:					
• •	SU / Pvt /				
Large sc	ale / Medium scale	/ Small scale			
) Products/service	s offered by industr	ry:			
a) Whether willing	ng to offer Industri	al training facility dur	ring Mav/ June for I	Diploma i	n Engineerir
,	Yes / No.			p	25
b) If yes, whether	r you offer 6 week	s training : YES/NO			
c) Internship cap	acity possible:				
Programme	Civil Engg	Mechanical Engg	Electrical Engg		Total
Trogramme	Civil Eligg	Wicchainear Engg	Electrical Eligg		Total
Male					
Female					
Total					
1041	.1				
) Whether accomming If yes capacity:	hip is charged or fro	for interns Yes / No ee: er candidate:			
) Whether accomming If yes capacity:	hip is charged or fro	ee:			
) Whether accomming If yes capacity:	hip is charged or fro	ee:			
) Whether accomming If yes capacity:	hip is charged or fro	ee:	_		
) Whether accomming If yes capacity:	hip is charged or fro	ee:	_	ire of resp	oonsible pers
) Whether accomming If yes capacity:	hip is charged or fro	ee:	_	ire of resp	oonsible pers

F24: Internship I and II- Obtaining Consent Letter from Parents/Guardians

Obtaining Consent Letter from Parents/Guardians (Undertaking from Parents)

T		(Undertaking from Parents)
To		
	ne Princi	pal, ,
Sui	ojeci. Co	onsent for Industrial Training.
Sir	/Madam	l,
I aı	n fully a	aware that -
	i)	My ward studying in semester at your institute has to undergo six weeks of Industrial training for partial fulfillment towards completion of Diploma in
		training for partial fulfillment towards completion of Diploma in
	ii)	Engineering. For this fulfillment he/she has been deputed at
	11)	industry, located at
		industry, located at industry, located at industry, located at to
		to
		ect to above I give my full consent for my ward to travel to and from the mentioned industry ndertake that –
	My w	ard will undergo the training at his/her own cost and risk during training and/or stay. ard will be entirely under the discipline of the organization where he/she will be placed ill abide by the rules and regulations in face of the said organization.
c)		ard is NOT entitled to any leave during training period.
	My wa	ard will submit regularly a prescribed weekly diary, duly filled and countersigned by the g supervisor of the organization to the mentor faculty of the polytechnic.
	to the avoid	explained the contents of the letter to my ward who has also promised to adhere strictly requirements. I assure that my ward will be properly instructed to take his own care to any accidents/injuries in the industry. In case of any accident neither industry nor the te will be held responsible.
		Signature : Name: Address:
		Phone Number:

$F25: Internship\ I\ and\ II-\ Student\ enrollment\ for\ In-plant\ training$

Student enrollment for In-plant training (To be design by Programme Department)

Sr. no.	Enrolment no.	Name, email id, Contact no.	Mentor, email id, Contact no.	Name of Industry, Address, email id, Contact No.

$F26: Internship\ I\ and\ II-\ Issue\ Letter\ to\ the\ Industry/Organization$

Issue Letter to the Industry/Organization for the training alongwith details of students and Mentors

To, The HR Man	ager,					
Refer Sir,	rence: You	ur consent letter no			-	
			ed to place the following per the arrangement and		s from this institute to	or Industrial
Diploma prog	gramme in		Engg.			
	Sr. No.	Enrolment No	Name:		Mentor	
Kindly do the	e needful a	nd oblige.				
Thanking you	ı in anticip	ation				
					Yours since	erely,
				(Principal Name of with Seal	the Institute:	

F27: Internship I and II- Progressive Assessment for Internship I

PA of Internship-I and II

Academic Year: 20 - 20

Name of the Industry:

Sr. No.	Enrolment Number	Name of Studen	Marks				PA Marks by Industry Supervis or	PA based on Report by mentor faculty	Total	
		t	Week	Week 2	Week 3 (out	Week 4	Total	Out of 25	Out of 10	Out of 75
			(Out	(Out	of 10)	(Out	(A) (out of	(B)	(C)	(A)+(B)+(C)
			of 10)	of 15)		of 5)	40)			

Marks for PA are to be awarded for each week considering the level of completeness of activity observed, from the daily diary maintained and feedback from industry supervisor.

Name of mentor:

Signature of mentor:

F28: Internship I and II- Progressive Assessment for Internship I

End of training assessment by mentor along with Industry/Organization expert as external examiner (To be design by programme department)

Marks for	Marks for Seminar/	Marks for Oral/	Total ESE marls
Industrial Training	Presentation	Viva-voce	
Report			
25	25	25	75

 $F29: Assessment \ Rubrics \ for \ Internship \ I \ \& \ II \ Report$

GOVERNMENT POLYTECHNIC, KOLHAPUR

ASSESSMENT RUBRICS FOR REPORT ON INTERNSHIP I and II

Programme: Academic Year: Semester:

Sr No	Roll No	Name of Industry	Assessment Point wise score out of 5					
			Report Format (5)	Writing Skills (5)	Content Detailing (5)	Relevant Technical Content included (5)	Use of tools and Technology in industry (5)	25

Name & Signature of Mentor

F30: Assessment Rubrics for Seminar/Presentation on Internship I & II

GOVERNMENT POLYTECHNIC, KOLHAPUR

ASSESSMENT RUBRICS FOR PRESENTATION ON INTERNSHIP I and II

Programme: Academic Year: Semester:

Sr	Roll	Name of	Assessment Point wise score out of 5					
No	No	Industry	Quality of Presentation (5)	Use of Graphics (5)	Presentation / Oral Skills (5)	Discipline & Punctuality (5)	Relevance of Content (5)	out of 25

Name & Signature of Mentor

Programme:

Academic Year:

A) Academic Mentoring

F31: Students Mentoring System Proforma M1

GOVERNMENT POLYTECHNIC, KOLHAPUR

Students Mentoring System Proforma M 1

(To be maintained by Programme Dean / HOD)

Assignment of Mentors

Batch ID	Name of Academic Mentor	No of Mentees	Roll Numbers of Mentees

Semester:

F32: Students Mentoring System Proforma M2

GOVERNMENT POLYTECHNIC, KOLHAPUR

Students Mentoring System Proforma M 2

(To be maintained by Programme Dean / HOD)

Academic Mentoring Sessions Report

rogramme:										
cademic Year	:	Semester:	Batch ID:							
ate of Mentor	ing Session:	Time:								
eneral points for mentoring in the session:										
Roll No.	Name of Student		Student specific remarks of Mentor, if Any							

Signature of Mentor

Name and Signature of Programme Dean/HOD

F33: Programme wise Internal Academic Monitoring

GOVERNMENT POLYTECHNIC, KOLHAPUR

Report of

Internal Departmental Academic Monitoring (100 Marks)

[Notes: 1. The information is to be filled in this report by the department to be monitored. The information marked ** is to be filled by Monitoring Committee at the time of Inspection. 2. The items marked '#' are related to Programme Departments only. 3. See 'Guidelines for Internal Departmental Academic Monitoring' for reference]

Name	of De	partment:
------	-------	-----------

Category of Department : Programme Department / Allied Department

Date of monitoring:

- 1. ACTION TAKEN REPORT FOR PREVIOUS MONITORING: (5 M)
- 1.1 Date of previous Internal Departmental Academic Monitoring
- 1.2 Action Taken Report for the previous Internal Departmental Academic Monitoring:

Sr No	Actions suggested	Actions taken	Remarks of Committee **
1			
2			
•••			
•••			

2. BASIC INFORMATION ABOUT THE DEPARTMENT

2.1 Total Student Intake: #

	Shift	Regular		Total	
Division (A/B/C)					
Student Intake					

2.2 Total Teaching Load (hours per week): #

Theory	Practical/Drawing	Total

2.3 Faculty Position:

	Sanctioned	Fac	culty actual	ly availat	ole	Vacant
	Posts	Regular	Contract	СНВ	Total	Posts
Head of Department						
Lecturers						

2.4 Laboratories in the department:

Sr. No.	Name of Laboratory	Total Investment (Rs. in lakhs)

- 3. PROGRAMME VISION, MISSION, PEOs, POs and PSOs: (10 M)
- 3.1 Vision Statement of Programme:
- 3.2 Mission Statement of Programme:
- 3.3 Programme Educational Objectives:
- 3.4 Programme Outcomes:
- 3.5 Programme-Specific Outcomes:
- 3.6 Modes of Dissemination of Programme Vision, Mission, PEOs

Remarks of Monitoring Committee on dissemination:

ı	For	٨	1P	FC	52	n	2	n	C	,,,	ri	cu	h	ım
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4. TEACHING-LEARNING PROCESS (25 M)

4.1 Academic Activities Calendar : (2	2M))
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[Monitoring Committee shall countersign the Academic Activates Calendar of the department and verify its implementation and make remarks accordingly]

Remarks **	k •			

4.2 Maintenance of Course Files: (5 M)

[Monitoring Committee shall verify and countersign every item in each course file and mention the shortfalls in the following table. Information about no. of periods and students' attendance to be up to date of monitoring]

				No. of P	Periods			Course File
S N	Name of Course	Course Code	Course Teacher	Expected as per curriculum	Actually Engaged	% of Student attend- ance	% syllabus covered	Item No. NOT MAINTAIN ED PROPERL Y **

4.3 Implementation of Flexibility: Elective Courses # (1 M)

Number of Ele	ctive Courses
Provided in Curriculum	Actually Offered

For MPECS2020 Curriculum

4.4 Use of ICT in Teaching Learning Process: (2 M)

[Suggested modes of ICT: Use of Internet in classroom, Use of LCD in classroom, Media-based assignments / mini-projects for students, Use of social media groups for sharing technical information, Making available learning material on Institute website, etc.]

SN	Mode of ICT	Details of actual use	Remarks of Monitoring Committee after verification **
1.			
2.			

4.5 Quality of Laboratory Work and Term Work: (5 M)

a) Condition of Laboratories:

SN	Name of Laboratory	Is equipment available and sufficient as per curriculum?	Condition and utilization of equipment	Remarks of Committee on layout and ambience **

b) Use of Laboratory Manuals:

SN	Name of Course for which Laboratory Manual is used	Lab Manual developed by	Remarks of Monitoring Committee after verification **
1.			
2.			

c) Effectiveness of conduct and assessment of experiments/ drawing sheets: ** [Committee shall examine manual / experiment file and assessment procedure and write remarks	;]

d) Qualit	y of Project Work:				
Is prescrib Yes / No	ped outcome based proc	edure (formats	P1 to P6) fol	llowed for proje	ect work '
	of Committee on sample	project report	ts: **		
(() 114					
- •	Test Question Papers:	` '		16 40 3	7 / NI
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test	Question Papers set as p	er prescribed			
Are Test (Remarks question) 7 Learning	Question Papers set as p of Committee on propo- papers: Resources and Teaching	er prescribed rtion of Bloom	's Taxonomy	Levels of quest	
Are Test (Remarks question) 7 Learning	Question Papers set as p of Committee on propo papers:	er prescribed rtion of Bloom	's Taxonomy	Levels of quest	
Are Test (Remarks question) 7 Learning	Question Papers set as p of Committee on propo- papers: Resources and Teaching	er prescribed rtion of Bloom	's Taxonomy	Levels of quest	

Teaching Aids	Quantity	Details of utilization	Remarks **
LCD Projectors			
Over Head Projectors			
Magnetic Boards			
Pen Boards			

b) Abstract of Learning Material available in the Department :

Learning Material	Quantity	Details of utilization	Remarks **
Item Banks (Question Banks)			
Laboratory Manuals/Workbooks			
Handouts / Notes			

	Technical videos						
-	Technical photograph all	bums					
-			1 topies				
	PowerPoint Slide Shows on technical topics						
5.	ACADEMIC PERFOR	RMANCE O	F STUDENTS (11 M)	1			
5.1	Result Analysis of the	last semeste	er examination: (5 M)				
	Examination: Winter /	Summer : Y	Year 20				
S. N.	Name of Course	Course Code	Course Teacher	% passing	% scoring above	Remarks*	
					75 %		
		sult analysi	s:				
	Remedial measures to						
5.2	CO Attainment Analys	improve the	e results: Y: Yes / No. If yes, fo	or which exa	nmination (? :	
5.2	CO Attainment Analys	improve the	e results: Y: Yes / No. If yes, fo	or which exa	nmination (?:	
5.2	CO Attainment Analys	improve the	e results: Y: Yes / No. If yes, fo	or which exa	nmination (?:	

PE	
.3	PO Attainment Analysis: (3 M)
	Is PO Attainment Analysis done?: Yes / No. If yes, for which examination?: Conclusion of PO attainment analysis:
<u> </u>	IMPLEMENTATION OF STUDENTS SUPPORT SYSTEMS (15 M)
.1	Implementation of Students' Mentoring System: (3 M)
	a) Is Students' Mentoring System established in the Programme / Department ? : Yes / No
	b) Record of implementation (in prescribed formats M1 to M5) of Students' Mentoring
	System in the Programme / Department :
	Yes / No
	Yes / No c) Remarks of Committee on verification of implement details and record :
55.2	
5.2	C) Remarks of Committee on verification of implement details and record: Implementation of Students' Feedback System: (3 M) a) Is Students' Feedback System established in the Programme / Department?: Yes / No
5.2	C) Remarks of Committee on verification of implement details and record: Implementation of Students' Feedback System: (3 M) a) Is Students' Feedback System established in the Programme / Department?: Yes / No d) Record of implementation (in prescribed formats F1 to F6) of Students' Feedback System in the Programme / Department:
5.2	Implementation of Students' Feedback System: (3 M) a) Is Students' Feedback System established in the Programme / Department?: Yes / No d) Record of implementation (in prescribed formats F1 to F6) of Students' Feedback
55.2	c) Remarks of Committee on verification of implement details and record: Implementation of Students' Feedback System: (3 M) a) Is Students' Feedback System established in the Programme / Department?: Yes / No d) Record of implementation (in prescribed formats F1 to F6) of Students' Feedback System in the Programme / Department: Yes / No c) Remarks of Committee on verification of implement details and record:
6.2	 Remarks of Committee on verification of implement details and record : Implementation of Students' Feedback System: (3 M) a) Is Students' Feedback System established in the Programme / Department ? : Yes / No d) Record of implementation (in prescribed formats F1 to F6) of Students' Feedback System in the Programme / Department : Yes / No

6.4	.4 Encouraging Academically Bright Students: (5 M)				
	Remarks of Committee on verification of implement details and record :				

7. ACADEMIC AMBIENCE IN THE DEPARTMENT (5 M)

Location	Cleanliness** (Good/Poor)	Ventilation** (Good/Poor)	Illumination** (Good/Poor)	Motivating Elements See Note (Write Details) **
HOD's Cabin				
Faculty Cabins				
Lab. Asst. Cabin				
Class Rooms				
Drawing Halls				
Laboratories				
Corridors				
Notice Boards				
Sanitary Blocks				

Note: Motivating elements could include anything like display of technical charts, models, posters, portraits of great technologists / industrialists, structures and projects, attractive colour schemes, slogans, cartoons, wall magazines, etc., that will create motivation in students and staff.

8. INDUSTRY – DEPARTMENT INTERACTION (8 M)

Note: Industry-department interaction could be in various forms like PBOS membership, industrial visits, vacational training of staff and students, industry sponsored projects, consultancy and testing services, etc.

8.1 Industries associated with Department in various modes: (2 M)

Sr. No.	Name of Faculty Member	Involvement in Institute's Major Portfolios	Other activities / achievements

8.2 Internal Revenue Generation of the Department (2 M)

Sr. No.	Area of IRG	Amount	Remarks **

8.3 Generation of Funds for Development of Department (2 M)

(from agencies like AICTE, MSSBTE, Sponsorship, MHRD, Aamdar Nidhi, etc.)

Sr. No.	Funding Agency	Amount

8.4 Placement of Students in the last year : # (2 M)

Sr. No.	Name of Industry	No. of students whom placement was offered

For MPECS2	2020 Curriculum		1		7
					_
					_
,	Organizational Structure of Students' appointed by Faculty Dean: (2 M)	Association	(CESA, M	ESA, EESA, .	etc.) as
	Name of President (from TY class): # Total number of Secretaries (one from each	h class from F	<i>TY to TY</i>):#		
	Name of Faculty Advisor :#	v	,		
	Abstract of Co-curricular Activities cond Departmental Activities Register and in the Committee shall verify the conduct of activities	prescribed A ies and respec	ctivity Sheet j	format : (2 M)	
٨	Sheet format and relevance of activities with Activity	Target	Achieved	Remarks **	

Activity	Target	Achieved	Remarks **
Field Visits			
Experts' Lectures			
Vacational Training			
Experts' Interviews			
Paper Presentation			
Seminar			
Preparation of Charts			
Preparation of Models			

c) Abstract of Students' Participation in Co-curricular Activities outside the Institute: (2 M)

(like in other Institutes or State Level/National Level Technical Competitions)

[Committee shall verify the conduct of activities and respective record in prescribed Activity

Sheet format and relevance of activities with Cos / POs]

Activity	No. of beneficiaries	Remarks **

	Activity		No. of beneficiaries	Remarks **
(tings are expected to be he		
(At least two PBOS Mee	tings are expected to be he etings held as recorded in	n the PBOS Meet	
(\$ 1	At least two PBOS Mee Summary of PBOS Me Department:	tings are expected to be he etings held as recorded in		
Sr.	At least two PBOS Mee Summary of PBOS Me Department: Date of	tings are expected to be he etings held as recorded in	n the PBOS Meet	
Sr.	At least two PBOS Mee Summary of PBOS Me Department: Date of	tings are expected to be he etings held as recorded in	n the PBOS Meet	

c) Invo	nni last conducted: Date	No. of alumni present
-,	olvement of alumni in departme	ental activities :
Sr. No.	Name of Alumni	Nature of Involvement
d) Rem	arks of Monitoring Committee	on effectiveness of alumni association activity:
4. DEV	ELOPMENT PLAN OF THE	DEPARTMENT FOR COMING FOUR YEARS
(Men	tion at least 4 points to include pr	roposed departmental expansion in terms of increase in
(Men	tion at least 4 points to include pr	
(Men	tion at least 4 points to include pr	roposed departmental expansion in terms of increase in
(Men capac	tion at least 4 points to include pr	roposed departmental expansion in terms of increase in
(Men capac a)	tion at least 4 points to include pr	roposed departmental expansion in terms of increase in
(Menticapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menacapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in
(Menticapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menticapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menticapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menticapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menacapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)
(Menacapada) a) b) c) d)	tion at least 4 points to include pr city, laboratory development, IRG	roposed departmental expansion in terms of increase in G, funds raising through MODROBS, MSBTE, etc.)

i)

CERTIFICATE

Certified that the information	presented above	has been verif	fied by the Monitori	ng Committee by
actual inspection and from the	original records	of the Departm	ent and that the info	rmation has been
found correct. The Monitoring	Committee has th	e following rec	ommendations for the	e Department :

ii)
iii)
iv)
....

Member Member Chairman
Names and signatures of Monitoring Committee Members

Date of Monitoring:

* * *

Government Polytechnic, Kolhapur (An Autonomous Institute of Government of Maharashtra)

Internal Monitoring Grading Certificate

Date o	ate of Visit:				
Evalu	valuation (Marks Obtained out of 100):				
		(Please tick the appropriate)			
	Marks	Grading			
	91-100	Excellent			
	81-90	Very Good			
	71-80	Positively Good			
	61-70	Good			
	51-60	Average			
	<= 50	Below Average			

Name of Programme:

Member Member Chairman

Names and signatures of Monitoring Committee Members