Template for Curriculum Structure of First Year Engineering

Scheme for Semester I of B. Tech. (Civil Engineering with Multidisciplinary Minor) academic year 2023-24

Course Code	Proposed Course Domain	Group	Teaching Scheme*				Evaluation Scheme					Total	Credit
			L	T	P	Total	Theory			Practical			
							MSE	ISA	ESE	ICA	ESE		
SH100AN	Induction Program [Includes Universal Human Values (UHV - I module)]		Mandatory audit course of three weeks duration as per AICTE model curriculum				...	...	...	50	...	50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
EE101N	Basic Electrical Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamental of Computer Scienece and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N	Mechanical Workshop Practices	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
EE102N	Basic Electrical Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamental of Computer Scienece and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
IK103N	Essence of Indian Traditional Knowledge	IKS	2	...	...	2	30	10	60	...	...	100	2
LL101N	LLC I NSS and Sports	LCC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	250	...	750	22

Induction Program :

https://www.aicte-india.org/sites/default/files/student_induction.pdf

https://www.aicte-india.org/sites/default/files/Detailed%20Guide%20on%20Student%20Induction%20program.pdf

Cocurricuiar Course (CC) Liberal Learning Course :

https://www.coep.org.in/departments/appliedscience/Link3

BoS Member Secretary

Head
Civil Engineering Department
Government College of Engineering,
Jalgaon 425002

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Scheme for Semester II of B. Tech. (Civil Engineering with Multidisciplinary Minor) with effect from academic year 2023-24

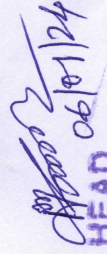| Course Code	Proposed Course Domain	Group	Teaching Scheme*				Evaluation Scheme					Total	Credit
							Theory			Practical			
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
CE151N	Engineering Mechanics	PCC	3	...	...	3	30	10	60	...	...	100	3
ME152N	Engineering Exploration Workshop	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CE152N	Engineering Mechanics Lab	PCC	...	...	2	2	...	...	...	50	...	50	1
LL102N	LLC- II Yoga and Nutrition	LCC	...	...	4	4	...	...	...	50	...	50	2
SH100N	Ability Enhancement Course (English) I	AEC	1	...	2	3	...	...	...	50	...	50	2
Total			13	1	16	30	120	40	240	300	0	700	22

Civil Engineering Department.
Government College of Engineering.
Jalgaon 425002

Head

Students exiting the First Year program after securing minimum 40 credits will be awarded UG Certificate in the relevant Discipline /Subject provided they secure 8 credits in work-based vocational courses or internship / Apprenticeship offered during summer vacation in addition to 4 credits from skill-based courses earned during the first and second semester

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
Department of Mechanical Engineering

Scheme for Semester I B. Tech. (Mechanical Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Proposed Course Domain	Category	Teaching Scheme*				Evaluation Scheme						Credit
							Theory			Practical		Total	
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH100AN	Induction Program [Includes Universal Human Values (UHV - I module)]		Mandatory audit course of three weeks duration as per AICTE model curriculum									50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
ME102N	Basic of Mechanical Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamental of Computer Science and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
IK103N	Essence of Indian Traditional Knowledge	IKS	2	...	...	2	30	10	60	...	...	100	2
ME101N	Mechanical Workshop Practices	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME103N	Basic of Mechanical Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamental of Computer Science and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
LL101N	Liberal Learning Course (NSS and Sports)	LLC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	300	0	800	22

L : Lecture
ISA :Internal Sessional Assessment

P: Practical
ESE: End Semester Examination

MSE: Mid Semester Examination
ICA : Internal Contineous Accessment

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Department of Mechanical Engineering

Scheme for Semester II B. Tech. (Mechanical Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Proposed Course Domain	Category	Teaching Scheme*				Evaluation Scheme						Credit
							Theory			Practical		Total	
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
ME155N	Mechanics for Mechanical Engineering	ESC	2	...	...	2	30	10	60	...	...	100	2
ME152N	Engineering Exploration Workhop	VSEC	...	...	4	4	...	...	...	50	...	50	2
ME154N	Manufacturing Process	PCC	2	...	...	2	30	10	60	...	...	100	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
SH100N	Ability Enhancement Course-I (English)	AEC-01	1	...	2	3	...	...	...	50	...	50	2
LL102N	Liberal Learning Course (Yoga and Nutrition)	LLC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	250	0	750	22

Students exiting the First Year programme after securing minimum 40 credits will be awarded UG Certificate in the relevant Discipline /Subject provided they secure 8 credits in work-based vocational courses or internship / Apprenticeship offered during summer vacation in addition to 4 credits from skill-based courses earned during the first and second semester

[signature]
05/01/24

HEAD
Mechanical Engineering Deptt.
Govt. College of Engg., Jalgaon

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Template for Curriculum Structure of First Year Engineering

Scheme for Semester-I Comp of B. Tech. with effect from academic year 2023-24

Course Code	Proposed Course Domain	Group	Teaching Scheme* L	T	P	Total	Evaluation Scheme Theory MSE	ISA	ESE	Practical ICA	ESE	Total	Credit
SH100AN	Induction Program [Includes Universal Human Values (UHV - I module)]	Mandatory audit course of three weeks duration as per AICTE model curriculum										50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
EE101N	Basic Electrical Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamental of Computer Science and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N	Mechanical Workshop Practices	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
EE102N	Basic Electrical Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamental of Computer Science and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
IK103N	Essence of Indian Traditional Knowledge	IKS	2	...	...	2	30	10	60	...	...		2
LL101N	Liberal Learning Course (NSS & Sports)	LCC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	250	...	650	22

Induction Program :

https://www.aicte-india.org/sites/default/files/student_induction.pdf

https://www.aicte-india.org/sites/default/files/Detailed%20Guide%20on%20student%20Induction%20program.pdf

Cocurricular Course (CC) Liberal Learning Course :

https://www.coep.org.in/departments/appliedscience/Link3

BoS member Sec.

Head of Department
Computer Engineering Department
Govt. College of Engineering,
Jalgaon

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Scheme for Semester-II Computer of B. Tech. with effect from academic year 2023-24

Course Code	Proposed Course Domain	Group	Teaching Scheme*				Evaluation Scheme					Total	Credit
							Theory			Practical			
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
CO151N	Programming for Problem Solving	PCC	3	...	...	3	30	10	60	...	...	100	3
ME152N	Engineering Exploration Workshop	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
CO152N	Programming for Problem Solving Lab	PCC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
LL102N	Liberal Learning Course (Yoga and Nutrition)	LCC	...	...	4	4	...	...	...	50	...	50	2
SH100N	Ability Enhancement Course (English)	AEC	1	...	2	3	...	...	...	50	...	50	2
	Total		13	1	16	30	120	40	240	300	0	700	22

L : Lecture   T: Tutorial   P: Practical   MSE: Mid Semester Examination

ISA :Internal Sessional Assessment   ESE: End Semester Examination   ICA : Internal ContineousAccessment

Exit UG Certificate   8 credits in work based vocational courses or internship/apprentiship offered during summer vacation

Head of Department
Computer Engineering Departme.
Govt. College of Engineerin.
Jalgaon

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
Curriculum Structure B. Tech. (Electrical) (NEP 2020)

Scheme for Semester I (Electrical) of B. Tech. with effect from academic year 2023-24

Course Code	Proposed Course Domain	Group	Teaching Scheme* L	T	P	Total	Theory MSE	ISA	ESE	Practical ICA	ESE	Total	Credit
SH100AN	Induction Program [Includes Universal Human Values (UHV - I module)]		Mandatory audit course of three weeks duration as per AICTE model curriculum				...	...	...	50	...	50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamentals of Computer Science and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
ME152N	Engineering Exploration Workshop	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamentals of Computer Science and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
SH100N	Ability Enhancement Course (English Language)	AEC	1	...	2	3	...	...	...	50	...	50	2
LL102N	Liberal Learning Course (Yoga & Nutrition)	LLC	...	...	4	4	...	...	...	50	...	50	2
Total			**13**	**1**	**16**	**30**	**120**	**40**	**240**	**350**	**0**	**750**	**22**

Induction Program :
https://www.aicte-india.org/sites/default/files/student_induction.pdf
https://www.aicte-india.org/sites/default/files/Detailed%20Guide%20on%20Student%20Induction%20program.pdf
Cocurricular Course (CC) Liberal Learning Course :
https://www.coep.org.in/departments/appliedscience/Link3

ISA :Internal Sessional Assessment

T: Tutorial

ESE: End Semester Examination

P: Practical   MSE: Mid Semester Examination

ICA : Internal Contineous Accessment

Member Secretary.
BOS (Electrical)

Chairman
BOS (Electrical)

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
Scheme for Semester II (Electrical) of B. Tech. with effect from academic year 2023-24

Course Code	Proposed Course Domain	Group	Teaching Scheme*				Evaluation Scheme						Credit
							Theory			Practical			
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE	Total	
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
EE101N	Basic Electrical Engineering	PCC	3	...	...	3	30	10	60	...	...	100	3
CO151N	Programming for Problem Solving	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N	Mechanical Workshop Practices	VSEC	...	...	4	4	...	...	...	50	...	50	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
EE102N	Basic Electrical Engineering Lab	PCC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Programming for Problem Solving Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
LL101N	Liberal Learning Course (NSS & Sports)	LLC	...	...	4	4	...	...	...	50	...	50	2
IK103N	Essence of Indian Traditional Knowledge	IKS	2	...	...	2	30	10	60	...	...	100	2
	Total		14	1	14	29	150	50	300	250	0	750	22
Exit UG Certificate	8 credits in work based Vocational Courses or Internship/apprentiship offered during summer Vacation												

Departmental Minor Course List for ME/ET/CO/CE/IN and Exit Course

List for EE

1 Electrical Machines-I	OR	2 Power System- I
Electrical Machines-I Lab		Analog Electronics Lab

member Secretary
BOS (Electrical)

chairman
BOS (Electrical)

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Department of Electronics and Telecommunication Engineering

Scheme for Semester I B. Tech. (Electronics and Telecommunication Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Name of the Course	Component as per NEP	Teaching Scheme				Evaluation Scheme						Credit
			L	T	P	Total	Theory			Practical		Total	
							MSE	ISA	ESE	ICA	ESE		
SH100AN	Induction Program [Includes Universal Human Values (UHV – I module)]	Mandatory Audit Course as per AICTE	...	...	...	...	...	...	...	50	...	50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamentals of Computer Science and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
ME152N	Engineering Exploration Workshop	VSEC (Skill)	...	...	4	4	...	...	...	50	...	50	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamentals of Computer Science and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
LL102N	Liberal Learning Course (Yoga and Nutrition)	LLC	...	...	4	4	...	...	...	50	...	50	2
SH100N	Ability Enhancement Course (English)	AEC (HSSM)	1	...	2	3	...	...	...	50	...	50	2
	Total		13	1	16	30	120	40	240	350	...	750	22

L : Lecture   T: Tutorial   P: Practical   MSE: Mid Semester Examination

ISA :Internal Sessional Assessment   ESE: End Semester Examination   ICA : Internal Contineous Accessment

Dr. S. C. Kulkarni
Member Secretary
– BoS (E&Tc)

(Dr. S. P. Mohani)
Chairperson, BoS – E&Tc.

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Department of Electronics and Telecommunication Engineering

Scheme for Semester II B. Tech. (Electronics and Telecommunication Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Name of the Course	Component as per NEP	Teaching Scheme				Evaluation Scheme						Credit
							Theory			Practical			
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE	Total	
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
ET151N	Basic Electronics Engineering	PCC	3	...	...	3	30	10	60	...	...	100	3
CO151N	Programming for Problem Solving	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N	Mechanical Workshop Practices	VSEC (Skill)	...	...	4	4	...	...	...	50	...	50	2
CO152N	Programming for Problem Solving Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
IK103N	Essence of Indian Traditional Knowledge	HSSM (IKS)	2	...	...	2	30	10	60	...	...	100	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ET152N	Basic Electronics Engineering lab	PCC	...	...	2	2	...	...	...	50	...	50	1
LL101N	Liberal Learning Course (NSS and Sports)	LLC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	250	...	750	22

L : Lecture

ISA :Internal Sessional Assessment

T: Tutorial

ESE: End Semester Examination

P: Practical

MSE: Mid Semester Examination

ICA : Internal Contineous Accessment

Exit Option for UG Certificate: 8 credits in work based Vocational Courses or Internship/apprentiship offered during summer Vacation (As per exit policy approved by Board of Studies (Electronics and Telecommunication Engineering) in its meeting held on 06 July, 2023.)

Sakulgom
Dr. S. C. Kulkarni
Member Secretary
- BoS (E&TC)

EShau
(SPM)
Chairperson BoS, E&TC

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Department of Electronics and Telecommunication Engineering

Scheme for Semester II B. Tech. (Electronics and Telecommunication Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Name of the Course	Component as per NEP	Teaching Scheme				Evaluation Scheme						Credit
							Theory			Practical		Total	
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
ET151N	Basic Electronics Engineering	PCC	3	...	...	3	30	10	60	...	...	100	3
CO151N	Programming for Problem Solving	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N	Mechanical Workshop Practices	VSEC (Skill)	...	...	4	4	...	...	...	50	...	50	2
CO152N	Programming for Problem Solving Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
IK103N	Essence of Indian Traditional Knowledge	HSSM (IKS)	2	...	...	2	30	10	60	...	...	100	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ET152N	Basic Electronics Engineering lab	PCC	...	...	2	2	...	...	...	50	...	50	1
LL101N	Liberal Learning Course (NSS and Sports)	LLC	...	...	4	4	...	...	...	50	...	50	2
	Total		14	1	14	29	150	50	300	250	...	750	22

L : Lecture   T: Tutorial   P: Practical   MSE: Mid Semester Examination

ISA :Internal Sessional Assessment   ESE: End Semester Examination   ICA : Internal Contineous Accessment

Exit Option for UG Certificate: 8 credits in work based Vocational Courses or Internship/apprentiship offered during summer Vacation (As per exit policy approved by Board of Studies (Electronics and Telecommunication Engineering) in its meeting held on 06 July, 2023.)

Dr.S.C.Kulkarni
Member Secretary
—BoS (E &Tc)

(SPM)
Chairperson—BoS, E&Tc

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
Department of Instrumentation Engineering

Scheme for Semester I B. Tech. (Instrumentation Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Name of the Course	Component as per NEP	Teaching Scheme				Evaluation Scheme						Credit
							Theory			Practical		Total	
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH100AN	Induction Program [Includes Universal Human Values (UHV - I module)]	Mandatory Audit Course as per AICTE	...	...	...	...	...	...	...	...	...	50	AU
SH101N	Engineering Mathematics I	BSC	3	1	...	4	30	10	60	...	...	100	4
SH102N	Engineering Chemistry	BSC	3	...	...	3	30	10	60	...	...	100	3
ME151N	Engineering Graphics	ESC	3	...	...	3	30	10	60	...	...	100	3
CO101N	Fundamentals of Computer Science and Engineering	ESC	3	...	...	3	30	10	60	...	...	100	3
ME152N	Engineering Exploration Workshop	VSEC (Skill)	...	...	4	4	...	...	...	50	...	50	2
SH103N	Engineering Chemistry Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
ME153N	Engineering Graphics Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
CO102N	Fundamentals of Computer Science and Engineering Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
LL102N	Liberal Learning Course (Yoga and Nutrition)	LLC	...	...	4	4	...	...	...	50	...	50	2
SH100N	Ability Enhancement Course (English)	AEC (HSSM)	1	...	2	3	...	...	...	50	...	50	2
		Total	13	1	16	30	120	40	240	300	...	700	22

L : Lecture
ISA :Internal Sessional Assessment
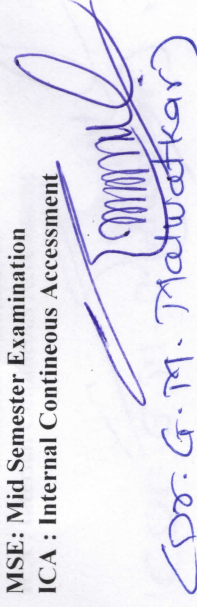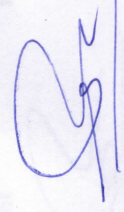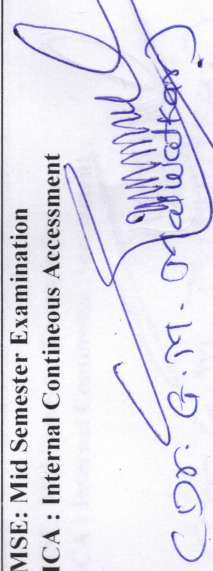
T: Tutorial
ESE: End Semester Examination

P: Practical

MSE: Mid Semester Examination
ICA : Internal Contineous Accessment

(Dr. S. S. Neskar)
Member Secretary
BoS, Instrumentation

(Dr. G. M. Malwatkar)
विभागप्रमुख/Chairman BoS
उपकरणीकरण विभाग
शासकीय अभियांत्रिकी महाविद्यालय, जळगाव

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

Department of Instrumentation Engineering

Scheme for Semester II B. Tech. (Instrumentation Engineering) with effect from academic year 2023-24 (As per NEP 2020)

Course Code	Name of the Course	Component as per NEP	Teaching Scheme				Evaluation Scheme						Credit
							Theory			Practical		Total	
			L	T	P	Total	MSE	ISA	ESE	ICA	ESE		
SH151N	Engineering Mathematics II	BSC	3	1	...	4	30	10	60	...	...	100	4
SH152N	Engineering Physics	BSC	3	...	...	3	30	10	60	...	...	100	3
EE101N	Basic Electrical Engineering	PCC	3	...	...	3	30	10	60	...	...	100	3
CO151N	Programming for Problem Solving	ESC	3	...	...	3	30	10	60	...	...	100	3
ME101N.	Mechanical Workshop Practices	VSEC (Skill)	...	...	4	4	...	...	...	50	...	50	2
CO102N	Programming for Problem Solving Lab	ESC	...	...	2	2	...	...	...	50	...	50	1
IK103N	Essence of Indian Traditional Knowledge	HSSM (IKS)	2	...	...	2	30	10	60	...	...	100	2
SH153N	Engineering Physics Lab	BSC	...	...	2	2	...	...	...	50	...	50	1
EE102N	Basic Electrical Engineering lab	PCC	...	...	2	2	...	...	...	50	...	50	1
LL101N	Liberal Learning Course (NSS and Sports)	LLC	...	...	4	4	...	...	...	50	...	50	2
		Total	14	1	14	29	150	50	300	250	...	750	22

L : Lecture   T : Tutorial   P: Practical   MSE: Mid Semester Examination

ISA :Internal Sessional Assessment   ESE: End Semester Examination   ICA : Internal Contineous Accessment

(Dr. S. S. Nestkor)
Member Secretary
BOS , Instrumentation.

CDr. G. M. Malwatkar)

/Chairman
BOS.