Notice

Faculty of Engineering & Technology/ Department of Engineering & Technology

Ref.no: ......F.11.(5.)2/1

Date: 13-12-2022

Subject: Board of Studies Meeting of Faculty of Engineering & Technology/Department of Engineering & Technology.

A meeting of BoS of Department will be held on 13/12/2022 at 02:30 PM. in the conference hall of Administrative block. All the following members are requested to attend the meeting.

1.	Prof.Dr. Ranjeet Singh	Chairman
2.	Mrs. Renu Bala Goswami	Member
3.	Mr. T.N.Pandey	Member
4.	Mr.Manoj Khare	Member
5.	Mr. Ashish Pratap Singh	Member
6.	Mr.Sunil Shrivastav	Member
7.	Mr. Gaurav Saxena	Member
8.	Mrs.Shweta Sharma	Member
9.	One External Expert *	Member

Special Invitee:-

1.	Mr.Jitendra Mishra	Member
2.	Dr.Deepesh Namdev	Member
3.	Mr.Pankaj Singh	Member
4.	Ms.Nisha Yadav	Member

External Expert:-

* Dr. SADIK KHAN   13/12/22

Registrar
P.K. University
Shivpuri (M.P.)

Copy to: -

VC office-For Information
Director Administration
Deputy Registrar
All concerned Member

P.K. University

Faculty of Engineering & Technology/ Department of Engineering & Technology

AGENDA

Agenda of 2nd Meeting of Board of Studies of Department of Engineering & Technology /Faculty of Engineering & Technology

The 2nd meeting Board of Studies of Faculty of Engineering &Technology is scheduledto be held on14th December, 2022 at 03:00 PM.in Administrative Block of P.K. University.
Followingis the Agenda.

Agenda1: To confirm the previous meeting of BoS held on 13-08-2019.

Agenda2: The action taken on the minutes of previous meeting of BoS.

Agenda 3: To approvenew branch Artificial Intelligence and Machine Learning to be introduced for B.TECH. Program.

Agenda 4: To approve new branch Data Science to be introduced for B.TECH Program.

Agenda 5: To approve new branch Internet of Things to be introduced for B.TECH Program.

Agenda 6: To approve new branch Electronics &Instrumentation Engineering to be introduced for Diploma As well as B.TECH. Program.

Agenda 7: To approve new specialization Robotics to be introduced for M.TECH. Program.

Agenda 8: To approve new specialization Digital ElectronicsEngineering to be introduced for M.TECH. Program.

Agenda 9: New Subject of "Communication Skills-I" to be included in first year of 1st Semester for all Branches (CivilEngineering,Mechanical Engineering, Electrical Engineering, Computer Science & Engineering, TextileTechnology, ChemicalEngineering, Electronics& Communication Engineering and Electrical and Electronics Engineering) in Diploma Program.

Agenda 10: New Subject of "Construction Materials" to be included in first year of 1st Semester for Civil Engineering in Diploma Program.

Agenda 11: Two new Subjects of "Electronic components and Devices and Electrical & Electronics Engineering Drawing to be included in first year of 1st Semester for Electrical & Electronics Engineering in Diploma Program.

Agenda 12: New Subject of "Industrial Electronics & Transducers to be included in Second year of 3rd Semester for Electronics & Communication Engineering in Diploma Program.

Agenda 13: Approval of Credit System for Diploma, B.TECH & M.TECH Program.

Agenda 14: Approval for the revision of the Course code in Diploma and B.TECH Program as per NEP.

Agenda 15: Policy for digital learning through Swayam/NPTEL.

Agenda 16: Any other matter with the permission of the chair

P.K.UNIVERSITY, SHIVPURI (M.P.)
Faculty of Engineering & Technology

Evaluation Scheme & Syllabus

For

B.Tech.1st Year (1st & 2nd Semester)

Computer Science & Engineering

(Artificial Intelligence and Machine Learning)

On

CHOICE BASED CREDIT SYSTEM (CBCS)

[Effective from the Session: 2023-24]

P.K.UNIVERSITY, SHIVPURI (M.P.)
Faculty of Engineering & Technology

Evaluation Scheme & Syllabus

For

B.Tech.1st Year (1st & 2nd Semester)

Computer Science & Engineering (Data Science)

On

CHOICE BASED CREDIT SYSTEM (CBCS)

[Effective from the Session: 2023-24]

EVALUATION SCHEME
B.TECH IN DATA SCIENCE

STUDY AND EVALUATION SCHEME FOR B.TECH IN DATA SCIENCE.
YEAR 1st / SEMESTER-I

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
UENGI-101	ENGINEERING MATHEMATICS-1	3	1	0	4	30	-	30	70	-	70	100
UENGI-102	ENGINEERING PHYSICS	3	1	0	4	30	-	30	70	-	70	100
UENGI-103	ENGINEERING CHEMISTRY	3	0	0	3	30	-	30	70	-	70	100
UFUND-104	FUNDAMENTAL OF ELECTRICAL ENGINEERING	3	1	0	4	30	-	30	70	-	70	100
UPROG-105	PROGRAMMING FOR SOLVING PROBLEM	3	0	0	3	30	-	30	70	-	70	100
UENGL-106	ENGINEERING PHYSICS LAB	0	0	2	1	-	25	25	-	25	25	50
UENGL-107	ENGINEERING CHEMISTRY LAB	0	0	2	1	-	25	25	-	25	25	50
UFUNL-108	FUNDAMENTAL OF ELECTRICAL ENGINEERING LAB	0	0	2	1	-	25	25	-	25	25	50
UPROL-109	PROGRAMMING FOR SOLVING PROBLEM LAB	0	0	2	1	-	25	25	-	25	25	50
UWORL-110	WORKSHOP PRACTICE	0	1	2	2	-	25	25	-	25	25	50
Total		15	4	8	24	150	125	275	350	125	475	750

STUDY AND EVALUATION SCHEME FOR B.TECH IN DATA SCIENCE

YEAR 1st / SEMESTER-II

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
UENGI-201	ENGINEERING MATHEMATICS-II	3	1	0	4	30	-	30	70	-	70	100
UFUND-202	FUNDAMENTAL OF MECHANICAL ENGG.	3	1	0	4	30	-	30	70	-	70	100
USOFT-203	SOFT SKILLS	3	0	0	3	30	-	30	70	-	70	100
UFUND- 204	FUNDAMENTAL OF ELECTRONICS ENGG.	3	1	0	4	30	-	30	70	-	70	100
UENVI-205	ENVIRONMENT & ECOLOGY	3	0	0	3	30	-	30	70	-	70	100
UENGL-206	ENGINEERING GRAPHICS & DESIGN LAB	0	1	2	2	-	25	25	-	25	25	50
UENGL-207	ENGLISH LANGUAGE LAB	0	0	2	1	-	25	25	-	25	25	50
UFUNL-208	FUNDAMENTAL OF ELECTRONICS ENGG.LAB	0	0	2	1	-	25	25	-	25	25	50
USPOL-209	SPORTS & YOGA	0	0	2	1	-	25	25	-	25	25	50
Total		15	4	8	23	150	100	250	350	100	450	700

P.K.UNIVERSITY, SHIVPURI (M.P.)
Faculty of Engineering & Technology

Evaluation Scheme & Syllabus

For

B.Tech.1st Year (1st & 2nd Semester)

Computer Science & Engineering (Internet of Things)

On

CHOICE BASED CREDIT SYSTEM (CBCS)

[Effective from the Session: 2023-24]

EVALUATION SCHEME

B.TECH IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

STUDY AND EVALUATION SCHEME FOR B.TECH INTERNET OF THINGS

YEAR 1st / SEMESTER-I

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
UENGI-101	ENGINEERING MATHEMATICS-I	3	1	0	4	30	-	30	70	-	70	100
UENGI-102	ENGINEERING PHYSICS	3	1	0	4	30	-	30	70	-	70	100
UENGI-103	ENGINEERING CHEMISTRY	3	0	0	3	30	-	30	70	-	70	100
UFUND-104	FUNDAMENTAL OF ELECTRICAL ENGINEERING	3	1	0	4	30	-	30	70	-	70	100
UPROG-105	PROGRAMMING FOR SOLVING PROBLEM	3	0	0	3	30	-	30	70	-	70	100
UENGL-106	ENGINEERING PHYSICS LAB	0	0	2	1	-	25	25	-	25	25	50
UENGL-107	ENGINEERING CHEMISTRY LAB	0	0	2	1	-	25	25	-	25	25	50
UFUNL-108	FUNDAMENTAL OF ELECTRICAL ENGINEERING LAB	0	0	2	1	-	25	25	-	25	25	50
UPROL-109	PROGRAMMING FOR SOLVING PROBLEM LAB	0	0	2	1	-	25	25	-	25	25	50
UWORL-110	WORKSHOP PRACTICE	0	1	2	2	-	25	25	-	25	25	50
Total		15	4	8	24	150	125	275	350	125	475	750

STUDY AND EVALUATION SCHEME FOR B.TECH IN ARTIFICIAL INTERNET OF THINGS

YEAR 1st / SEMESTER-II

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
UENGI-201	ENGINEERING MATHEMATICS-II	3	1	0	4	30	-	30	70	-	70	100
UFUND-202	FUNDAMENTAL OF MECHANICAL ENGG.	3	1	0	4	30	-	30	70	-	70	100
USOFT-203	SOFT SKILLS	3	0	0	3	30	-	30	70	-	70	100
UFUND- 204	FUNDAMENTAL OF ELECTRONICS ENGG.	3	1	0	4	30	-	30	70	-	70	100
UENVI-205	ENVIRONMENT & ECOLOGY	3	0	0	3	30	-	30	70	-	70	100
UENGL-206	ENGINEERING GRAPHICS & DESIGN LAB	0	1	2	2	-	25	25	-	25	25	50
UENGL-207	ENGLISH LANGUAGE LAB	0	0	2	1	-	25	25	-	25	25	50
UFUNL-208	FUNDAMENTAL OF ELECTRONICS ENGG.LAB	0	0	2	1	-	25	25	-	25	25	50
USPOL-209	SPORTS & YOGA	0	0	2	1	-	25	25	-	25	25	50
Total		15	4	8	23	150	100	250	350	100	450	700

P.K.UNIVERSITY, SHIVPURI (M.P.)

Faculty of Engineering & Technology

Evaluation Scheme & Syllabus For

DIPLOMA

ELECTRONICS
&
INSTRUMENTATION ENGINEERING

On

CHOICE BASED CREDIT SYSTEM (CBCS)

EVALUATION SCHEME

DIPLOMA – ELECTRONICS & INSTRUMENTATION ENGINEERING

STUDYANDEVALUATIONSCHEME FORDIPLOMA ELECTRONICS & INSTRUMENTATION ENGINEERING

SEMESTER-I

SUBJECTCODE	SUBJECTSNAME	STUDY SCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						TotalMarks ofInternal &External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
DCOMM-101	Communication Skills-I	2	-	2	3	30	25	55	70	25	95	150
DAPPL-102	Applied Mathematics-1	3	1	-	4	30	-	30	70	-	70	100
DAPPL-103	AppliedPhysics-1	2	1	2	4	30	25	55	70	25	95	150
DELEC-104	Electrical & Electronics Engg. Materials	3	0	0	3	30	-	30	70	-	70	100
DELEC-105	Electronics Components &Devics	3	0	2	4	30	25	55	70	25	95	150
DELEC-106	Electrical & Electronics Engineering Drawing	3	0	0	3	30	-	·30	70	-	70	100
Total		16	2	6	21	180	75	255	420	75	495	750

P.K.UNIVERSITY, SHIVPURI (M.P.)
Faculty of Engineering & Technology

Evaluation Scheme &

SyllabusFor

M.Tech.1st Year (1st & 2nd Semester)

ROBOTICS

On

CHOICE BASED CREDIT SYSTEM (CBCS)

[Effective from the Session: 2023-24]

EVALUATION SCHEME

M.TECH IN ROBOTICS

STUDY AND EVALUATION SCHEME FOR M.TECH IN ROBOTICS

YEAR 1ˢᵗ / SEMESTER-I

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
)-101	INDUSTRIAL AUTOMATION	3	1	0	4	30	-	30	70	-	70	100
)-102	ROBOTICS : ANALYSIS & SYSTEMS	3	1	0	4	30	-	30	70	-	70	100
.O-103	INTRODUCTION TO ELECTRONICS&ELECTRICAL ENGINEERING	3	1	0	4	30	-	30	70	-	70	100
TRO-104	MICROPROCESSOR & MICROCONTROLLER	3	0	0	3	30	-	30	70	-	70	100
ITRO-105	RESEARCH PROCESS & METHODOLOGY	3	0	0	3	30	-	30	70	-	70	100
MTRO-106(P)	LAB-I	0	0	2	1	-	25	25	-	25	25	50
MTRO-107(P)	LAB-II	0	0	2	1	-	25	25	-	25	25	50
Total		15	3	4	20	150	125	200	350	50	400	600

STUDY AND EVALUATION SCHEME FOR M.TECH IN ROBOTICS

YEAR 1st / SEMESTER-II

SUBJECT CODE	SUBJECTS NME	STUDY SCHEME Periods/Week			Credits	MARKS IN EVALUATION SCHEME						Total Marks (Internal &External)
						Internal Assessment			External Assessment			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
RO-201	DRIVES & CONTROL SYSTEMFOR AUTOMATION	3	1	0	4	30	-	30	70	-	70	100
TRO-202	ADVANCE COMPUTER CONCEPT FOR AUTOMATION	3	1	0	4	30	-	30	70	-	70	100
TRO-203	ROBOTICS & CONTROL	3	0	0	3	30	-	30	70	-	70	100
MTRO- 204	PNEUMATIC & HYDRAULIC CONTROL	3	0	0	3	30	-	30	70	-	70	100
MTRO-205	MACHINE VISION	3	0	0	3	30	-	30	70	-	70	100
MTRO-206(P)	LAB-III	0	0	2	1	-	25	25	-	25	25	50
MTRO-207	SEMINAR-I	0	0	2	1	-	25	25	-	25	25	50
Total		15	2	4	19	150	50	200	350	50	400	600

P.K.UNIVERSITY, SHIVPURI (M.P.)

Faculty of Engineering & Technology

Evaluation Scheme & Syllabus For

M.Tech.

DIGITAL ELECTRONICS

On

CHOICE BASED CREDIT SYSTEM (CBCS)

[Effective from the Session: 2023-24]

Department of Electronics Engineering
(Faculty of Engineering & Technology)
P.K. University, Shivpuri (MP)

EVALUATION SCHEME

M.TECH (DIGITAL ELECTRONICS)

1ST SEMESTER

STUDYANDEVALUATIONSCHEME FORM.TECHIN DIGITAL ELECTRONICS.
YEAR1st/SEMESTER-I

SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						TotalMarks ofInternal &External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
MTDE-101	Advanced Engineering Mathematics	4	0	0	4	30	-	30	70	-	70	100
MTDE-102	Advanced Embedded System	4	0	0	4	30	-	30	70	-	70	100
MTDE-103	Digital Circuit and Logic Design	4	0	0	4	30	-	30	70	-	70	100
MTDE-104	Digital VLSI Design	4	0	0	4	30	-	30	70	-	70	100
MTDE-105	Advanced Computer Architecture	4	0	0	4	30	-	30	70	-	70	100
MTDE-106(P)	Digital Electronics Lab -1	0	0	2	1	-	25	25	-	25	25	50
Total		20		2	21	150	25	175	350	25	375	550

EVALUATION SCHEME

M.TECH (DIGITAL ELECTRONICS)

IInd SEMESTER

STUDYANDEVALUATIONSCHEME FORM.TECHIN DIGITAL ELECTRONICS.
YEAR1st/SEMESTER-I

SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						TotalMarks ofInternal &External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
MTDE-201	Advanced DSP	4	0	0	4	30	-	30	70	-	70	100
MTDE-202	Error Control Coding	4	0	0	4	30	-	30	70	-	70	100
MTDE-203	Advances in VLSI Design	4	0	0	4	30	-	30	70	-	70	100
MTDE-204	Real Time Operating System	4	0	0	4	30	-.	30	70	-	70	100
MTDE-205	Cryptography and Network Security	4	0	0	4	30	-	30	70	-	70	100
MTDE-206(P)	Digital Electronics Lab -2	0	0	2	1	-	25	25	-	25	25	50
MTDE-207(P)	Seminar on Advanced topics from refereed journals	0	0	2	1	-	25	25	-	25	25	50
Total		20		4	22	150	50	200	350	50	400	600

EVALUATION SCHEME

M.TECH (DIGITAL ELECTRONICS)

III SEMESTER

STUDYANDEVALUATIONSCHEME FORM.TECHIN DIGITAL ELECTRONICS.													
YEAR 2 nd / SEMESTER-III													
SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						TotalMarks ofInternal &External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
MTDE-301	Dissertation-I	-	-	-	16	0	200	200	0	200	200	400
MTDE-302	Seminar	-	-	-	4	0	25	25	0	25	25	50
TOTAL		-	-	-	20	0	225	225	0	225	225	450

IV SEMESTER

STUDYANDEVALUATIONSCHEME FORM.TECHIN DIGITAL ELECTRONICS.													
YEAR 2 nd /SEMESTER-IV													
SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						TotalMarks ofInternal &External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
MTDE-401	Dissertation-II	-	-	-	20	0	250	250	0	250	250	500
TOTAL		-	-	-	20	0	250	250	0	250	250	500

AGENDA 9:

New Subject of **"Communication Skills-I"** to be included in first year of 1st Semester for all Branches (Civil Engineering, Mechanical Engineering, Electrical Engineering, Computer Science & Engineering, Textile Technology, Chemical Engineering, Electronics & Communication Engineering and Electrical and Electronics Engineering) in Diploma Program.

13/12/2022

AGENDA 10

New Subject of **"Construction Materials"** to be included in first year of 1st Semester for Civil Engineering in Diploma Program.

13/12/2022

AGENDA 11:

Two new Subjects of **"Electronic components and Devices and Electrical & Electronics Engineering Drawing** to be included in first year of 1st Semester for Electrical & Electronics Engineering in Diploma Program.

13/12/2022

AGENDA 12:

New Subject of **"Industrial Electronics & Transducers** to be included in Second year of 3rd Semester for Electronics & Communication Engineering in Diploma Program.

13/12/2022

P.K. UNIVERSITY, SHIVPURI (M.P.)

EVALUATION SCHEME

1. **Evaluation Scheme For Diploma**

2. **Evaluation Scheme For B.Tech.**

3. **Evaluation Scheme For M.Tech.**

EVALUATIONSCHEME
DIPLOMA–CHEMICALENGINEERING

Study And Evaluation Scheme For Diploma Chemical Engineering
SEMESTER -I

SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						Total Marks of Internal & External
						INTERNALASSESSMENT			EXTERNALASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
DCOM-101	Communication Skills-1	2	-	2	3	30	25	55	70	25	95	150
DAPPL-102	AppliedMathematics-1	3	1	-	4	30	-	30	70	-	70	100
DAPPL-103	AppliedPhysics-1	2	1	2	4	30	25	55	70	25	95	150
DAPPL-104	Applied Chemistry	2	1	2	4	30	25	55	70	25	95	150
DENGI-105	Engineering Drawing	3	-	-	3	30	-	30	70	-	70	100
DMEAS-106	Measuring Instruments & Measurements	3	0	0	3	30	-	30	70	-	70	100
DGENE-107(P)	General Workshop Practice-1	-	-	4	2	-	25	25	-	25	25	50
Total		15	-	10	23	180	100	280	420	100	520	800

Study And Evaluation Scheme For Diploma Chemical Engineering
SEMESTER –III

SUBJECTCODE	SUBJECTSNAME	STUDYSCHEME Periods/Week			Credits	MARKSINEVALUATIONSCHEME						Total Marks of Internal & External
						INTERNALASSESSMENT			EXTERNAL ASSESSMENT			
		L	T	P		Th	Pr	Tot	Th	Pr	Tot	
DCHEM - 301	Chemical Engineering Thermodynamics	3	1	-	4	30	-	30	70	-	70	100
DAPPL - 302	Applied Mathematics-III	3	1	0	4	30	-	30	70	-	70	100
DMATE -303	Material Energy Balance	3	1	-	4	30	-	30	70	-	70	100
DELEC - 304	Elect. Tech. & Electronics	2	1	2	4	30	25	55	70	25	95	150
DCOMP – 305	Computer Application	-	-	2	2		25	25		25	25	50
		11	-	2	18	120	50	170	280	50	330	500

Ref.no: F11 (5)2/1

Date: 13-12-2022

Minutes of the board of studies meeting of Faculty of Engineering/Department of Engineering Held on 13.12.2022

P.K.UNIVERSITY, SHIVPURI (M.P.)

The meeting of B.O.S. of Faculty of Engineering & Technology was held on 13-12-2022 at 02:30 PM. In The conference hall Administrative block P.K. University. The following points was discussed in the meeting.

Agenda-1: Confirmation of minutes of previous BOS Meeting held on 13/08/2019

The minutes of the meeting on the BOS held on 13/08/2022 was confirmed.

Agenda-2   Action taken report on "minutes of BOS meeting held on 13/08/2019":

Item No.	Description/Resolution	Action Taken
1	Discussing of Previous BOS detail and the syllabus running.	Noted
2	Discussion for new syllabus requirement for session 2019-20.Detail of all Courses with branches is shown.	Noted
3	Syllabus and scheme, theory paper marks, practical marks, internal marks discussion.	Finalized
4	Panels of Papers setters and examiners for the final examination.	Utilized
5	Recommends books and reading materials for subject concerned.	Sent to library

The above Action Taken Report is noted for record.

Agenda-3: Introduction of new branch and syllabus from session 2022-23 of Artificial Intelligence & Machine Learning in B.TECH Program.

The Committee confirmed the introduction of new branch and confirmed the syllabus of Artificial Intelligence & Machine Learning as per industrial requirement in fit for award Of B.TECH degree. Syllabus for branch Artificial Intelligence & Machine learning with

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Pin: 473665, Ph: 7241115081 to 90, Email: registrar.pkuniversity@gmail.com

Approved Credit System and Marks Distribution approved.

Agenda-4: Introduction of new branch and syllabus from session 2023-24 of Data Science in B.TECH Program.

The Committee confirmed the introduction of new branch and confirmed the syllabus of Data Science as per industrial requirement in fit for award of B.TECH degree. Syllabus for

Branch Data Science with approved Credit System as Marks Distribution enclosed.

Agenda-5: Introduction of new branch and syllabus from session 2023-24 of Internet of Things In B.TECH Program.

The Committee confirmed the introduction of new branch and confirmed the syllabus of Internet of Things as per industrial requirement in fit for award of B.TECH degree. Syllabus for branch Internet of Things with approved Credit System as Marks Distribution approved.

Agenda-6: Introduction of new branch and syllabus from session 2022-23 of Electronics & Instrumentation Engineering in Diploma as well as in B.TECH Program.

The Committee confirmed the introduction of new branch and confirmed the syllabus of Electronics & Instrumentation engineering as per industrial requirement in fit for award Of Diploma as well as B.TECH degree. Syllabus for branch Electronics & Instrumentation Engineering with approved Credit System as Marks Distribution approved.

Agenda-7: Introduction of new Specialization and syllabus from session 2023-24 of Robotics in M.TECH Program.

The Committee confirmed the introduction of new Specialization and confirmed the Syllabus of Robotics as per industrial requirement in fit for award of M.TECH degree. Syllabus for Specialization Robotics with approved Credit System as Marks Distribution Approved.

Agenda-8: Introduction of new Specialization and syllabus from session 2023-24 of Digital

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Electronics Engineering in M.TECH Program.

The Committee confirmed the introduction of new Specialization and confirmed the

Syllabus of   Digital Electronics Engineering as per industrial requirement in fit for award

Of M.TECH degree. Syllabus for Specialization Digital Electronics Engineering with Approved Credit System as Marks Distribution approved.

Agenda-9: Introduction of new Subject as "Communication Skills-I" to be included in first year

Of 1st Semester in place of Foundation Communication for all branches (Civil Engineering Mechanical Engineering, Electrical Engineering, Computer Science &Engineering, Textile Technology, Chemical Engineering, Electronics Communication Engineering and Electrical and Electronics Engineering) in Diploma Program.

The Committee confirmed the syllabus of "Communication Skills-I" as per industrial Requirement. Syllabus of "Communication Skills-I" with approved Credit System as Marks Distribution approved.

Agenda 10: Introduction of new Subject of "Construction Materials" to be included in first year Of 1st Semester for Civil Engineering in Diploma Program.

The Committee confirmed the syllabus of "Construction Materials" as per industrial Requirement. Syllabus of "Construction Materials" with approved Credit System as Marks Distribution approved.

Agenda 11:   Two new Subjects of "Electronic components and Devices and Electrical & Electronics Engineering Drawing to be included in first year of 1st Semester for Electrical & Electronics Engineering in Diploma Program.

The Committee confirmed the syllabus of Electronic components and Devices and Electrical & Electronics Engineering Drawing as per industrial requirement. Syllabus Of "Electronic components and Devices and Electrical & Electronics Engineering Drawing"

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With approved Credit System as Marks Distribution approved.

Agenda 12: **New Subject of "Industrial Electronics & Transducers to be included in Second year Of 3rd Semester for Electronics & Communication Engineering in Diploma Program.**

The Committee confirmed the syllabus of "Industrial Electronics & Transducers" as per

Industrial requirement. Syllabus of "Industrial Electronics & Transducers with approved Credit System as Marks Distribution approved.

Agenda 13: **Approval of Credit System for Diploma, B.TECH, M.TECH Program & Ph.D. Program.**

The Committee approved the Credit system as Subject and Laboratories wise for Diploma B.TECH, M.TECH & Ph.D. Program. Scheme and Credit system approved.

Agenda 14: **Approval for the revision of the Course code in Diploma and B.TECH Program as per NEP.**

The Committee approved the Course code in Diploma and B.TECH Program.

Agenda 15: **Policy for digital learning through Swayam/NPTEL.**
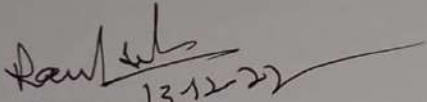
The Committee approved the digital learning platform for students through Swayam/NPTEL.

Agenda 16: **Any other matter with the permission of the chair.**

13/12/22

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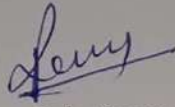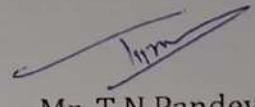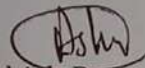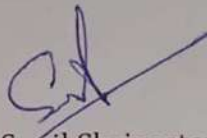
In which following Honourable members were present in the meeting:
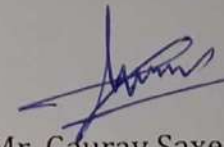
Prof.Dr. Ranjeet Singh
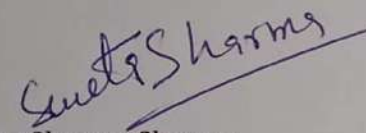
Mrs. Renu Bala Goswami

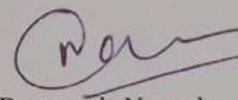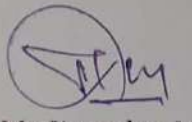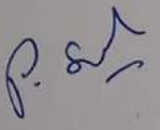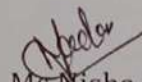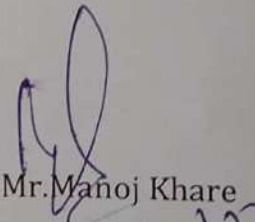Mr. T.N.Pandey

Mr. Ashish Pratap Singh

Mr.Sunil Shrivastav

Mr. Gaurav Saxena

Mrs.Shweta Sharma

Dr.Deepesh Namdev

Mr.Jitendra Mishra

Mr.Pankaj Singh

Ms.Nisha Yadav

Mr.Manoj Khare