



Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

Notices and List of Coordinator of Add- on/Certificate Programs

🏠: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

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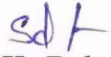
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OFFICE OF THE DEAN, ACADEMIC AFFAIRS
RAJASTHAN TECHNICAL UNIVERSITY, KOTA
RTU/Acad./F(17)04/CBCS Guidelines/20/ 2753-57 Date: 23.12.2020
24.

OFFICE ORDER


As per resolution of 29th Academic Council vide agenda no. 29.1(S) and subsequent approval of 35th BOM vide agenda no. 35.4(R), the new scheme and CBCS guidelines for B.Tech. 1st year from session 2020-21 onwards has been approved.

Encl.: New Scheme & CBCS Guidelines


(Prof. D.K. Palwalia)
Dean Academic Affairs

C.C.to:

1. PS to HVC for information
2. Dean FOEA
3. Controller of Examinations, RTU Kota – to initiate action accordingly.
4. Registrar (Member Secretary) Academic Council, RTU Kota
5. Dr. Deepak Bhatia, Web Master- to upload the new CBCS scheme of B.Tech. 1st year on University Website.


23/12/2020
(Diwakar Joshi)
Dy. Registrar A/A



OFFICE OF THE DEAN ACADEMIC AFFAIRS RAJASTHAN TECHNICAL UNIVERSITY

AKELGARH, RAWATBHATA ROAD, KOTA

Ph-0744-2473015, Website : www.rtu.ac.in Email: dean.academic@rtu.ac.in

The guidelines for new Scheme for Undergraduate B.Tech. Courses in Engineering & Technology 2020-21 and Onwards

1 Definition of Credit:

Table: 1.1

1 Hr. Lecture (L) per week	1 credit
1 Hr. Tutorial (T) per week	1 credit
1 Hr. Practical (P) per week	0.5 credits

2 General rules for Credits:

- Total 166 credits will be required to earn by a student to be eligible to get Undergraduate Degree in Engineering & Technology.
- Total 125 credits (i.e. 166-41) will be required for a student to be eligible to get Undergraduate Degree in Engineering & Technology admitted through Lateral Entry (LEEP) in 2021-22 and onward.
- A student will be eligible to get B. Tech. (Honours) Degree, if he/she completes an additional 20 credits. These 20 credits could be acquired through MOOCs only.
- The structure of the degree will be as follows:

Table: 2.1

Degree	Required Credits
B. Tech.	166*
B. Tech. (Honours)	166+20 (Through MOOC's)

* for LEEP students 125 credits

3 Structure of Undergraduate Engineering & Technology Program:

Table: 3.1

S. No.	Category	Abbreviation	Code	Break up of Credits
1	Humanities and Social Sciences including Management courses	HSMC	1	10
2	Basic Science courses	BSC	2	23
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	3	24
4	Professional core courses	PCC	4	84
5	Professional Elective courses relevant to chosen specialization/branch	PEC	5	



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6	Open subjects – Electives from other technical and /or emerging subjects	OE	6	6
7	Project work, seminar and internship in industry or elsewhere	PSIT	7	15
8	Social Outreach, Discipline & Extra Curriculum Activities	SODECA	8	4
9	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge].	MC	9	(non-credit)
Total Credits required for the award of B. Tech. degree				166
10	Massive Open Online Courses	MOOC	0	20
Total Credits required for the award of B. Tech. (Honours) Degree (on acquiring additional 20 credits through MOOCs)				166+20 (186)

4 Definition of Course Code:

$$\langle N_1 \rangle \langle XX \rangle \langle N_2 \rangle \langle - \rangle \langle YY \rangle$$

- (i) N_1 : “Semester Code” in numeric single digit, i.e. 1 to 8.
(ii) XX : “Branch Code” in two digit alphabets as per the following:

Table: 4.1

SN	UG-Branch	Code (XX)
1	First Year	FY
2	Aeronautical Engineering	AN
3	Agriculture Engineering	AG
4	Automobile Engineering	AE
5	Bio- Medical Engineering	BM
6	Bio-Technology	BT
7	Civil Engineering	CE
8	Chemical Engineering	CH
9	Ceramic Engineering	CR
10	Computer Science & Engineering	CS
11	Electronics & Communication Engineering	EC
12	Energy & Environmental Engineering	EN
13	Electrical Engineering	EE
14	Electrical & Electronics Engineering	EX
15	Electronics Inst.& Control Engineering	EI
16	Food Technology	FT
17	Information Technology	IT
18	Industrial Engineering	IE

**Notices of NPTEL
Coordinator and Mapping
with RTU Scheme**

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Engineering

List of NPTEL Mentor

Session: Jan-April 2018

S.No.	Mentors Name	Subject
1	Neha Mathur	Design and Analysis of Algorithms


Anjana Sangwan
NPTEL Coordinator (CSE)


Dr. C.M Choudhary
HOD (CSE)



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur


MAPPING of COURSES from RTU to NPTEL
Department of Computer Science & Engineering
(Jan-April 2018-19)

S. No.	Semester	RTU Subject	NPTEL Courses	Mentor	Faculty Name
1	IV	4CS4-05 Database Management System	Database Management System-university of Madras, Chennai	Kailash Soni	Harpeert Singh Gill. Priyanka Trikha

NPTEL Coordinator


Anjana Sangwan

Head of Department


Dr. C.M. Choudhary



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Technology

List of NPTEL Mentor

Session: July-December 2018

S.No.	Mentors Name	Subject
1	NIDHI SRIVASTAV	Data Base Management Systems
2	KAJAL MATHUR	Data Base Management Systems
3	ANJANA SANGWAN	Cloud Computing
4	GIRISH SHARMA	Introduction to parallel Programming in Open MP


Anjana Sangwan

NPTEL Coordinator (CSE)




Dr. C.M. Choudhary
HOD (CSE)

MAPPING of COURSES from RTU to NPTEL

Department of Computer Science & Engineering

(July-Dec 2018-19)

S.No	Semester	RTU Subject	NPTEL Courses	Mentor	Faculty Name
1	I	1FY3-24(computer Programming Lab)	Introduction to Programming in C	-	Kailash Soni, Ganpat Singh
2	III	3CS2A Data Structures and Algorithms	Programming, Data Structures and Algorithms using Python	-	Pratipal Singh
3	V	5CS4A Data Base Management Systems	Data Base Management Systems	Nidhi Srivastav, Kajal Mathur	Harpreet Singh Gill, Priyanka
4	VII	7CS1 Cloud Computing	Cloud Computing	Anjana Sangwan	Girish Sharma, Neha Mathur

NPTEL Coordinator:

Anjana Sangwan

Head of Department

Dr. C.M. Choudhary



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Technology

List of NPTEL Mentor

Session: Jan-june 2019

S.No.	Mentors Name	Subject
1	SUSHANT KUMAR	Data Base Management System
2	KAILASH SONI	Data Base Management System
3	KAJAL MATHUR	Data Mining
4	SHANU TRIPATHI	Embedded System Design with ARM
5	NIKETA SHARMA	Machine Learning, ML


Anjana Sangwan

NPTEL Coordinator (CSE)


Dr. C.M. Choudhary
HOD (CSE)



**Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur**

MAPPING of COURSES from RTU to NPTEL

Department of Computer Science & Engineering

(Jan-July 2019)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits
1	VI	Theory of Computation	Introduction to Automata, Languages & Computation-IIT Kharagpur	3
2	VI	Data Communication & Computer Networks	Computer Networks and Internet Protocol- IIT Kharagpur	3
3	IV	4CS2-01 Discrete Mathematics	Discrete Mathematics-IITB, IIT Ropar	3
4	VI	6CS3-01 Digital Image Processing	Computer Vision & Image Processing-IIT Guwahati	3
5	VI	6CS4-05 Artificial Intelligence	An Introduction to Artificial Intelligence-IIT Delhi	3
6	VII	6CS4-06 Cloud Computing	Cloud Computing-IIT Kharagpur	2
7	V	Database Management System	Database Management System-university of Madras, Chennai	2

NPTEL Coordinators:

Anjanu Sangwan
Anjanu Sangwan



C. M. Choudhary

Head of Department

Dr. C.M.Choudhary

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Technology

List of NPTEL Mentor

Session: July-December 2019

S.No.	Mentors Name	Subject
1	kailash soni	Programming in C++
2	Rashmi Dadhich	Programming, Data Structures And Algorithms Using Python
3	Sushant Kumar	Programming, Data Structures And Algorithms Using Python
4	Deepa Modi	The Joy of Computing using Python
5	Niketa Sharma	The Joy of Computing using Python
6	Dr. Pankaj Dadheech	The Joy of Computing using Python
7	Priyanka Sharma	Data Base Management System
8	palika jajoo	Cloud Computing
9	garima gupta	Ethical Hacking
10	Sushant Kumar	Ethical Hacking
11	Priyanka Sharma	Analog Communication

Anjana Sangwan
Palika Jajoo
NPTEL Coordinator (CSE)



Dr. Mukesh Gupta
HOD (CSE)

**Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur**

**MAPPING of COURSES from RTU to NPTEL
Department of Computer Science & Engineering
(2019-2020)**

Session: July-Dec 2019

S. No	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Faculty Name
1	III	3CS4-07 Software Engineering	Software Engineering - IIT Kharagpur	3	-	Ms. Aakriti Sharma, Mr. Kanak Giri, Mr. Rajat Goel
2	III	3CS4-05 Data Structure & Algorithms	Programming Data Structure & Algorithm using Python-Chennai Mathematical Institute	2	Ms. Rashmi Dadhich Mr. Sushant Kumar	Mr. Mayank Kumar Jain, Mr. Pratipal Singh
3	III	3CS4-06 Object Oriented Programming	Programming in C++ -IIT	2	Mr. Kailash Soni	Mr. M.K. Beniwal Ms. Garima Gupta
4	V	5CS4-04 Computer Graphics and Multimedia	Computer Graphics- IIT Guwahati	3	-	Mr. Pankaj Jadwal, Mr. Harpreet Singh Gill
5	V	5CS4-03 Operating System	Introduction to Operating System	2	-	Ms. Kajal Mathur, Ms. Anjana Sangwan
6	VII	7CS4-01 Cloud Computing	Cloud Computing	2	Ms. Palika Jajoo	Dr. Pankaj Dadheech, Ms. Anjana Sangwan

NPTEL Coordinators:

1) Anjana Sangwan

2) Palika Jajoo



Head of Department

Dr. Mukesh Kumar Gupta

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Technology

List of NPTEL Mentor

Session: Jan-June 2020

S.No.	Subject	Mentors Name
1	Introduction to Embedded System Design	Priyanka Sharma
3	Data Base Management System	Priyanka
4	Introduction to internet of things	Anjana Sangwan
5	Introduction to internet of things	Dr. Pankaj Dadheech
6	Programming in Java	Priyanka Sharma
7	Programming in Java	Kajal Mathur
8	Programming in Java	Mahender Kumar Beniwal
9	An Introduction to Artificial Intelligence	Neha Mathur
10	Problem Solving through Programming in C	neeraj garg
11	Problem Solving through Programming in C	palika jajoo
12	Programming in C++	Dolly Mittal
13	Programming in C++	Mahender Kumar Beniwal
14	Programming in C++	palika jajoo

Anjana Sangwan

Palika Jajoo

NPTEL Coordinator (CSE)



Dr. M. Kesh Gupta

HOD (CSE)

MAPPING of COURSES from RTU to NPTEL

Department of Computer Science & Engineering

Session: Jan-April 2020

S.No.	Sem	RTU Subject	NPTEL Courses	Credits	Mentor
1	IV	4CS4-05 Database Management System	Database Management System- IIT Kharagpur	2	Ms. Priyanka
2	IV	4CS4-07 Data Communication & Computer Networks	Computer Networks and Internet Protocol- IIT Kharagpur	3	Ms. Ruchika Khandelwal, Ms. Rashmi Dadhich, Ms. Kajal Mathur
3	IV	4CS4-24 Java	Programming in Java- IIT Kharagpur	3	Ms. Deepa Modi, Mr. M.K Beniwal
4	IV	4CS2-01 Discrete Mathematics	Discrete Mathematics-IITB, IIT Ropar	3	
5	VI	6CS3-01 Digital Image Processing	Computer Vision & Image Processing-IIT Guwahati	3	Ms. Neha Mathur
6	VI	6CS4-02 Machine Learning	Introduction to Machine Learning-IIT Madras	3	Ms. Niketa Sharma, Ms. Kajal Mathur
7	VI	6CS4-05 Artificial Intelligence	An Introduction to Artificial Intelligence-IIT Delhi	3	Ms. Nidhi Srivastav
8	VI	6CS4-06 Cloud Computing	Cloud Computing-IIT Kharagpur	2	Ms. Anjana Sangwan, Mr. M. K. Beniwal
9	VI	6CS4-23 Python	The Joy of Computing using Python-IIT Ropar	3	Mr. Ashish Pant, Ms. Priyanka Sharma

NPTEL Coordinators:

1) Anjana Sangwan

2) Palika Jajoo



Head of Department

Dr. Mukesh Kumar Gupta

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

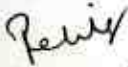
Department of Computer Science and Engineering

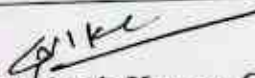
List of NPTEL Mentor

Session: July-Dec 2020

S.No.	Mentors Name	Subject
1	Ms. ANJANA SAGWAN	INTRODUCTION TO INTERNET OF THINGS
2	Ms. PRIYANKA SHARMA	INTRODUCTION TO OPERATING SYSTEM
3	Ms. PRIYANKA SHARMA	PROGRAMMING IN JAVA
4	Ms. SHANU TRIPATHI	INTRODUCTION TO INTERNET OF THINGS
5	Mr. M.K. BENIWAL	PROGRAMMING IN C++
6	Ms. PRIYANKA BHARDWAJ	SOFTWARE ENGINEERING
7	Ms. PALIKA JAJOO	INTRODUCTION TO MACHINE LEARNING (IIT MADRAS)
8	Mr. SUNIL DHANKAR	PYTHON FOR DATA SCIENCE
9	Ms. NEHA JANU	INTRODUCTION TO DATABASE MANAGEMENT SYSTEM
10	Ms. NIKETA SHARMA	Fabrication Technique for MEMS based sensors: Clinical Perspective
11	Dr. PANKAJ DADHEECH	INTRODUCTION TO INTERNET OF THINGS
12	Dr. PANKAJ DADHEECH	COMPUTER GRAPHICS
13	Mr. Neeraj Garg	PYTHON FOR DATA SCIENCE
14	Mr. GANPAT CHAUHAN	Introduction to Programming in C
15	Ms. PALIKA JAJOO	Programming in C++


Anjana Sangwan
NPTEL Coordinator (CSE)


Palika Jajoo
NPTEL Coordinator (CSE)


Dr. Mukesh Kumar Gupta
HOD (CSE)



MAPPING of COURSES from RTU to NPTEL

Department of Computer Science & Engineering

Session: July-Dec 2020

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor
1	III	3CS4-06 Object Oriented Programming	Programming in C++ - IIT Kharagpur	2	1) M.K Beniwal 2) Palika Jajoo
2	III	3CS4-07 Software Engineering	Software Engineering - IIT Kharagpur	3	Priyanka Bhardwaj
	V	5CS4-03 Operating System	1) Operating System Fundamentals- IIT Kharagpur 2) Introduction to Operating System-IIT Madras	3 2	Priyanka Sharma
4	V	5CS4-04 Computer Graphics and Multimedia	Computer Graphics- IIT Guwahati	2	Dr. Pankaj Dadheech
6	VII	7CS4-01 Internet of Things	Introduction to Internet of Things- IIT Kharagpur	3	1)Dr. Pankaj Dadheech 2)Ms. Shanu Tripathi 3)Ms. Anjana Sangwan

NPTEL Coordinators:

1)Anjana Sangwan

2)Palika Jajoo


Head of Department

Dr. Mukesh Kumar Gupta



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Engineering

Listof NPTEL Mentor

Session: Jan-June 2020-21

S.No.	Mentors Name	Subject
1	Dr. Neha Janu	Database Management System-university of Madras, Chennai
2	Ms. Priyanka	Database Management System-university of Madras, Chennai
3	Mr. Harpreet Singh Gill	Database Management System-university of Madras, Chennai
4	Ms.Ruchika Khandelwal,	Computer Networks and Internet Protocol- IIT Kharagpur
5	Ms.Rashmi Dadhich,	Computer Networks and Internet Protocol- IIT Kharagpur
6	Ms. Kajal Mathur	Computer Networks and Internet Protocol- IIT Kharagpur
7	Mr. M.K Beniwal	Programming in Java- IIT Kharagpur
8	Ms. Deepa Modi,	Programming in Java- IIT Kharagpur
9	Ms. Neha Mathur	Computer Vision & Image Processing-IIT Guwahati
10	Dr. Niketa Sharma,	Introduction to Machine Learning-IIT Madras
11	Ms. Nidhi Srivastav	An Introduction to Artificial Intelligence-IIT Delhi
12	Ms. Anjana Sangwan,	Cloud Computing-IIT Kharagpur
13	Mr. M. K. Beniwal	Cloud Computing-IIT Kharagpu
14	Ms. Rubal Deep Gill	The Joy of Computing using Python-IIT Ropar
15	Mr. Ashish Pant,	The Joy of Computing using Python-IIT Ropar
16	Ms. Priyanka Sharma	The Joy of Computing using Python-IIT Ropar
17	Ms. Rubal Deep Gill	Cryptography and Network Security-IIT Kharagpur
18	Ms. Anjana Sangwan	Introduction to internet of things IIT Kharagpur
19	Dr. Pankaj Dhadeech	Introduction to internet of things IIT Kharagpur

NPTEL Coordinators:

1)Anjana Sangwan

2)Palika Jajoo

3) Rashmi Dadhich

Head of Department

Dr. Mukesh Kumar Gupta



**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur**

**MAPPING of COURSES from RTU to NPTEL
Department of Computer Science & Engineering
(Jan-April 2020-21)**

S.No	Sem ester	RTU Subject	NPTEL Courses	Cre dits	Mentor	Faculty Name
1	IV	4CS4-05 Database Management System	Database Management System-university of Madras, Chennai	2	Dr. Neha Janu Ms. Priyanka Mr. Harpreet Singh Gill	Dr. Neha Janu Ms. Priyanka Mr. Harpreet Singh Gill
2	IV	4CS4-06 Theory of Computation	Introduction to Automata, Languages & Computation-IIT Kharagpur	3	-	Mr. Ashish Pant
3	IV	4CS4-07 Data Communication & Computer Networks	Computer Networks and Internet Protocol- IIT Kharagpur	3	Ms.Ruchika Khandelwal, Ms.Rashmi Dadhich, Ms. Kajal Mathur	Dr.C.M.Choudhary Dr. Mukesh Kumar Gupta
4	IV	4CS4-24 Java	Programming in Java- IIT Kharagpur	3	Ms. Deepa Modi,	Ms. Kajal Mathur, Mr. M.K. Beniwal
5	VI	6CS3-01 Digital Image Processing	Computer Vision & Image Processing-IIT Guwahati	3	Ms. Neha Mathur	Ms. Neha Mathur Mr.Kanak Giri
6	VI	6CS4-02 Machine Learning	Introduction to Machine Learning-IIT Madras	3	Dr. Niketa Sharma,	-
7	VI	6CS4-03 Information System Security	Cryptography and Network Security-IIT Kharagpur	3	Ms. Rubal Deep Gill	-
8	VI	6CS4-05 Artificial Intelligence	An Introduction to Artificial Intelligence-IIT Delhi	3	Ms. Nidhi Srivastav	Mr. Sushant Kumar
9	VI	6CS4-06 Cloud Computing	Cloud Computing-IIT Kharagpur	2	Mr. M.K Beniwal Ms. Anjana Sangwan	Mr. Girish Sharma, Ms. Neha Mathur



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Computer Science and Engineering

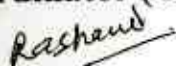
List of NPTEL Mentor

Session: July-Dec 2021

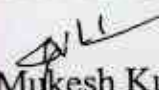
S.No.	Mentors Name	Subject
1	Priyanka	Operating System Fundamentals- IIT Kharagpur
2	Priyanka	Software Engineering-IIT Kharagpur
3	Mahender Kumar Beniwal	Programing in C++
4	Dr. Pankaj Dadheech	Big Data Computing
5	Dr. Pankaj Dadheech	Introduction to internet of things- IIT Kharagpur
6	Anjana Sangwan	Introduction to Operating System-IIT Madras
7	Rashmi Dadhich	Computer Graphics-IIT Guwahati
8	Dr. Neha Janu	Data Base Management System IIT Kharagpur
9	Dr. Neha Janu	Introduction to Machine Learning – IITM
10	Rubal Deep Gill	The Joy of Computing using Python-IITM
11	Nidhi Srivastav	The Joy of Computing using Python-IITM
12	Deepa Modi	The Joy of Computing using Python-IITM
13	Shanu Tripathi	Introduction to internet of things- IIT Kharagpur
14	Shanu Tripathi	Digital Circuits – IIT Kharagpur
15	Kajal Mathur	Programming in Java – IIT Kharagpur
16	Harpreet Singh Gill	Data Base Management System IIT Kharagpur
17	Palika Jajoo	Problem Solving through Programming in C-IIT Kharagpur
18	Ashish Pant	Programming in C++ - IIT Kharagpur


Anjana Sangwan
NPTEL Coordinator (CSE)


Palika Jajoo
NPTEL Coordinator (CSE)


Rashmi Dadhich
NPTEL Coordinator (CSE)




Dr. Mukesh Kumar Gupta
HOD (CSE)

**Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur**

MAPPING of COURSES from RTU to NPTEL

Department of Computer Science & Engineering

(July-Dec 2021)

Date: 3-July-2021

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor
1	III	3CS4-06 Object Oriented Programming	Programming in C++ - IIT Kharagpur	2	1) M.K. Beniwal 2) Ashish Pant
2	III	3CS4-07 Software Engineering	Software Engineering - IIT Kharagpur	3	Priyanka Bhardwaj
3	III	3CS3-04 Digital Electronics	Digital Circuits- IIT Kharagpur	3	Shanu Tripathi
3	V	5CS4-03 Operating System	1) Operating System Fundamentals- IIT Kharagpur	3	1)Priyanka Bhardwaj
			2) Introduction to Operating System-IIT Madras	2	2) Anjana Sangwan
4	V	5CS4-04 Computer Graphics and Multimedia	Computer Graphics- IIT Guwahati	2	Rashmi Dadhich
5	V	5CS4-05 Analysis of Algorithms	Design & Analysis of Algorithms- Chennai Mathematical Institute	2	Rubal Deep Gill
6	VII	7CS4-01 Internet of Things	Introduction to Internet of Things-IIT Kharagpur	3	1)Dr. Pankaj Dadheech
					2) Shanu Tripathi

NPTEL Coordinators:

1)Anjana Sangwan *AS*

2)Palika Jajoo *Palika*

3) Rashmi Dadhich *Rashmi*



Mukesh Kumar Gupta
Head of Department

Dr. Mukesh Kumar Gupta

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: January- April 2017

S.No.	Mentors Name	Subject
1	Dr. Neha Purohit	Enhancing Soft Skills and Personality
2	Nikhar Bhatnagar	Programming, Data Structures and Algorithms using Python
3	Dolly mittal	Programming In C++



Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)

Sunita
Naveen



Anil Choudhary
Dr. Anil Choudhary
HOD (IT)


**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

**Mapping of Courses from RTU to NPTEL
Department of Information Technology
(Jan-July 2017)**

S.No.	Semester	RTU Subject	NPTEL Courses	Credits
1	IV	4IT1A Microprocessors and Interfaces	Microprocessors and Interfacing By Prof. Shaik Rafi Ahamed IIT Guwahat	3
2	IV	4IT2A Discrete Mathematical Structures	Discrete Mathematics	3
3	IV	4IT4A Software Engineering	Software Testing	3
4	VI	6IT1A Computer Networks	Computer Networks	3
5	VI	6IT3A Theory Of Computation	Computational Mathematics with SageMath By Prof. Ajit Kumar Institute of Chemical Technology, Mumbai	3
6	VI	6IT4A Programming in Java	Programming in Java By Prof. Debasis Samanta IIT Kharagpur	3
7	VI	6IT5A Information Theory & Coding	Advanced Computer Architecture By Prof. John Jose IIT Guwahati	2
8	VIII	8IT2A Digital Image Processing	Medical Image Analysis By Prof. Debdoot Sheet IIT Kharagpur	3
9	VIII	8IT4.1A Mobile Computing	Wheeled Mobile Robots By Prof. Asokan T, Prof. Santhakumar Mohan IIT Madras, IIT Palakkad	2



Dr. Sunita Gupta 
Mr. Naveen Jain 
NPTEL Coordinators (IT)


HOD (IT) Dy. HOD

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: July- Dec. 2017

S.No.	Mentors Name	Subject
1	Sanju Choudhary	Introduction to operating systems
3	Shalini Singhal	Programming in C++
4	Sushila Vishnoi	Object oriented analysis and design
5	Dr S R Dogiwal	Programming, data structures and algorithms using python
7	Dr. Neha Purohit	Soft skills
8	Naveen Jain	Cloud computing
9	VIPIN JAIN	Design and analysis of algorithms
10	Dr. Shubhra Saxena	Introduction to Internet of Things
11	Richa Rawal	Introduction to Modern Application Development
12	Dolly mittal	Introduction to Programming in C



Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)

Dr. Anil Choudhary
HOD (IT)

Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017

Mapping of Courses from RTU to NPTEL
Department of Information Technology
(July-Dec 2017)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits
1	III	3IT4-05 Data Structures and Algorithms	Data Structures	3
2	III	3IT4-06 Object Oriented Programming	Object Oriented System Development Using UML, Java And Patterns	3
3	III	3IT4-07 Software Engineering	Software Conceptual Design	3
4	V	5IT4-05 Analysis of Algorithms	Design and Analysis of Algorithms	3
5	V	5ITS-12 Software Testing and Project Management	Software Testing By Prof. Rajib Mall IIT Kharagpur	3
6	V	5IT4-03 Operating System	Advanced Computer Architecture	3
7	V	5IT4-02 Compiler Design	Compiler Design	3
8	VII	7IT2A Information System Security	Information Security - 5 - Secure Systems Engineering	2
9	VII	7IT4A Internet Programming	HTML By Prof Kannan Moudgalya - Principal Investigator of Spoken Tutorial Project Indian Institute of Technology Bombay	3



Dr. Sunita Gupta *S.G.*
Mr. Naveen Jain *Naveen Jain*
NPTEL Coordinators (IT)

[Signature]
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**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: January - April 2018

S.No.	Mentors Name	Subject
1	Mehul Mahrishi	Introduction to Internet of Things
2	Sanwta Ram Dogiwal	Introduction to Machine Learning
3	Sanwta Ram Dogiwal	Programming, Data Structures and Algorithms using Python
4	Mehul Mahrishi	Programming, Data Structures and Algorithms using C
5	Naveen Jain	Cloud Computing
6	Naveen Jain	Artificial Intelligence: Knowledge Representation and Reasoning
7	Vipin Jain	Problem Solving through Programming in C

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)



Anil Choudhary
Dr. Anil Choudhary
HOD (IT)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

Mapping of Courses from RTU to NPTEL

Department of Information Technology

(Jan-July 2018)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits
1	IV	4IT-05 Database Management System	RDBMS PostgreSQL By Prof Kannan Moudgalya - Principal Investigator of Spoken Tutorial Project Indian Institute of Technology Bombay	3
2	IV	4IT4-07 Data Communication and Computer Networks	Computer Networks By Dr. Narayan Patidar Educational Multimedia Research Centre, Devi Ahilya Vishwavidyalaya, Indore	3
3	IV	4IT4-06 Theory of Computation	Probability and Stochastics for Finance By Prof. Joydeep Dutta IIT Kanpur	2
4	IV	6IT4-24 Java Lab	Programming In Java By Prof. Debasis Samanta IIT Kharagpur	3
5	VI	6IT4-02 Machine Learning	Introduction to Machine Learning By Prof. Balaraman Ravindran IIT Madras	3
6	VI	6IT4-05 Artificial Intelligence	An Introduction to Artificial Intelligence By Prof. Mausam IIT Delhi	3
7	VI	6IT5-12 Cloud Computing	Cloud Computing-IIT Kharagpur	2
8	VIII	8IT2A Digital Image Processing	Computer Vision and Image Processing – Fundamentals and Applications By Prof. M. K. Bhuyan IIT Guwahati	3
9	VIII	8IT4.1A Mobile Computing	Android Mobile Application Development By Dr. Hingashu N. Patel Dr. Babasaheb Ambedkar Open University (BAOU), Umedalwad	3



Dr. Sunita Gupta *Sunita*
Mr. Naveen Jain *Naveen Jain*
NPTEL Coordinators (IT)

[Signature]
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**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: July- Dec 2018

S.No.	Mentors Name	Subject
1	Naveen	Programming, Data Structures and Algorithms using Python
2	Sanju Choudhary	The Joy of Computing using Python
3	Nikhil Bhatnagar	Introduction to Machine Learning
4	Dr. Sunita Gupta	Introduction to Programming in C
5	Anjali Pandey	Artificial Intelligence : Search Methods For Problem solving
6	Poonam Varshney	Cloud Computing and Distributed Systems
7	Vipin Jain	Software testing
8	Richa Rawal	Problem Solving through Programming in C
9	Naveen	Deep Learning
10	Dr. S R Dogiwal	Digital Image Processing
11	Shalini Singhal	Programming in C++
12	Dr. Anupriya Singh	Soft skills
13	Mehul Mahrishi	Software Engineering
14	Dr. Nidhi Sharma	Developing Soft Skills and Personality

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)



Dr. Anil Choudhary
HOD (IT)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

Mapping of Courses from RTU to NPTEL

Department of Information Technology

(July-Dec 2018)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Subject Teacher
1	III	3IT4-06 Object Oriented Programming	Programming in C++ - IIT Kharagpur	2	Shalini Singhal	Shalini Singhal
2	III	3IT4-07 Software Engineering	Software Engineering - IIT Kharagpur	3		Naveen jain
3	V	5IT5A Operating Systems	Introduction to Operating System-IIT Madras	2		Sanju Choudhary

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Coordinators (IT)

Naveen Jain

Anil Choudhary
Dr. Anil Choudhary
HOD (IT)



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: January- April 2019

S.No.	Mentors Name	Subject
1	Naveen Jain	Problem solving through Programming In C
2	Sanwta Ram Dogiwal	Problem solving through Programming In C
3	Dolly mittal	Problem solving through Programming In C
4	Sunita Gupta	Programming in Java
5	Shalini Singhal	Programming in Java
6	Nikhil Bhatnagar	Programming in Java
7	Vipin Jain	Blockchain Architecture Design and Use Cases
8	Sanju Choudhary	Problem solving through Programming In C

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)



Dr. Anil Choudhary
HOD (IT)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

Mapping of Courses from RTU to NPTEL

Department of Information Technology

(Jan-July 2019)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits
1	IV	4IT-05 Database Management System	RDBMS PostgreSQL By Prof Kannan Moudgalya - Principal Investigator of Spoken Tutorial Project Indian Institute of Technology Bombay	3
2	IV	4IT4-07 Data Communication and Computer Networks	Computer Networks By Dr. Narayan Patidar Educational Multimedia Research Centre, Devi Ahilya Vishwavidyalaya, Indore	3
3	IV	4IT4-06 Theory of Computation	Probability and Stochastics for Finance By Prof. Joydeep Dutta IIT Kanpur	2
4	IV	6IT4-24 Java Lab	Programming In Java By Prof. Debasis Samanta IIT Kharagpur	3
5	VI	6IT4-02 Machine Learning	Introduction to Machine Learning By Prof. Balaraman Ravindran IIT Madras	3
6	VI	6IT4-05 Artificial Intelligence	An Introduction to Artificial Intelligence By Prof. Mausam IIT Delhi	3
7	VI	6IT5-12 Cloud Computing	Cloud Computing-IIT Kharagpur	2
8	VIII	8IT2A Digital Image Processing	Computer Vision and Image Processing – Fundamentals and Applications By Prof. M. K. Bhuyan IIT Guwahati	3
9	VIII	8IT4.1A Mobile Computing	Android Mobile Application Development By Dr. Himanshu N. Patel Dr. Babasaheb Ambedkar Open University (BAOU), Ahmedabad	3



Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Coordinators (IT)

Sunita
Naveen Jain

HOD (IT)/Dy.HOD(IT)

[Signature]

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: July-Dec. 2019

S.No.	Mentors Name	Subject
1	Naveen jain	An Introduction To Programming Through C++
2	Shalini Singhal	An Introduction To Programming Through C++



Dr. Sunita Gupta *Sunita*
Mr. Naveen Jain *Naveen*
NPTEL Co-ordinator (IT)

Anil Choudhary
Dr. Anil Choudhary
HOD (IT)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

Mapping of Courses from RTU to NPTEL

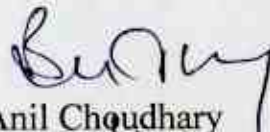
Department of Information Technology

(July-Dec 2019)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Subject Teacher
1	III	3IT4-06 Object Oriented Programming	Programming in C++ - IIT Kharagpur	2	Shalini Singhal and Naveen jain	
2	V	5IT4-03 Operating System	Introduction to Operating System-IIT Madras	2		Sanju Choudhary
3	V	5IT4-05 Analysis of Algorithms	Design & Analysis of Algorithms- Chennai Mathematical Institute	2		Sushila Vishnoi



Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Coordinators (IT)


Dr. Anil Choudhary
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**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: January - April 2020

S.No.	Mentors Name	Subject
1	Anjali Pandey	Data Base Management System
2	Naveen Jain	Programming in Java
3	Naveen Jain	Cloud computing

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)

S.G.
Naveen



Dr. Anil Choudhary
HOD (IT)

Anil Choudhary

**Swami Keshvanand Institute of Technology, Management & Gramothan,
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Mapping of Courses from RTU to NPTEL

Department of Information Technology

(Jan-April 2020)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Subject Teacher
1	IV	4IT4-05 Database Management System	Database Management System-university of Madras, Chennai	3	Anjali Pandey	Anjali Pandey
3	IV	4IT4-24 Java Lab	Programming in Java- IIT Kharagpur	3	Naveen Jain	Naveen Jain
5	VI	6IT4-02 Machine Learning	Introduction to Machine Learning-IIT Madras	3		Dolly Mittal
7	VI	6IT5-12 Cloud Computing	Cloud Computing- IIT Kharagpur	2	Naveen Jain	Naveen Jain

Dr. Sunita Gupta

Mr. Naveen Jain

NPTEL Coordinators (IT)

Naveen Jain

Anil Choudhary
Dr. Anil Choudhary
HOD (IT)



**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**

Department of Information Technology

List of NPTEL Mentor

Session: July-Dec. 2020

S.No.	Mentors Name	Subject
1	Naveen	Problem solving through Programming In C
2	Naveen	Introduction to Programming in C
3	Naveen	Big Data Computing
4	Dr. Sunita Gupta	Big Data Computing
5	Anjali Pandey	Design and analysis of algorithms
6	Dr. S R Dogiwal	Computer Graphics
7	Vipin Jain	Introduction to Operating Systems
8	Richa Rawal	Software Engineering
9	Richa Rawal	Computer Graphics
10	sushila vishnoi	Design and analysis of algorithms
11	sushila vishnoi	Digital Image Processing
12	Mehul Mahrishi	Data Base Management System
13	Mehul Mahrishi	Introduction to Operating Systems
14	Shalini Singhal	Programming in C++
15	Dolly Mittal	Programming in C++
16	Suman Sharma	Analog communication
17	Suman Sharma	Semiconductor Devices and Circuits
18	Nikhar Bhatnagar	Introduction to Programming in C
19	Anjali Pandey	Data Base Management System

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Co-ordinator (IT)



Dr. Anil Choudhary
HOD (IT)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
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Mapping of Courses from RTU to NPTEL

Department of Information Technology

(July-Dec 2020)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Subject Teacher
1	III	3IT4-06 Object Oriented Programming	Programming in C++ - IIT Kharagpur	2	Shalini Singhal and Dolly Mittal	Shalini Singhal and Dolly Mittal
2	III	3IT4-07 Software Engineering	Software Engineering - IIT Kharagpur	3	Richa Rawal	Dr. Anil Choudhary and Sanju Choudhary
3	V	5IT4-03 Operating System	Introduction to Operating System-IIT Madras	2	Vipin Jain and Mehul Mahrishi	Vipin Jain and Mehul Mahrishi
4	V	5IT4-04 Computer Graphics & Multimedia	Computer Graphics-IIT Guwahati	2	Dr. S R Dogiwal and Richa Rawal	Dr. S R Dogiwal and Richa Rawal
5	V	5IT4-05 Analysis of Algorithms	Design & Analysis of Algorithms- Chennai Mathematical Institute	2	Sushila Vishnoi and Anjali Pandey	Sushila Vishnoi and Anjali Pandey
6	VII	7IT4-01 Big Data Analytics	Big Data Computing IIT Patna	2	Naveen Jain	Naveen Jain



Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Coordinators (IT)

Naveen Jain

Anil Choudhary
Dr. Anil Choudhary
HOD (IT)

List of Mentor for NPTEL

Session :- JAN-APR 2021

Branch :-IT

Nptel Course	Name of Faculty
Introduction to internet of things	Naveen Jain
Components And Applications Of Internet Of Things	Naveen Jain
Computer Vision and Image Processing - Fundamentals and Applications	Sanwta Ram Dogiwal
Machine Learning, ML	Sushila Vishnoi
Data Base Management System	Mehul Mahrishi
Computer Networks	Richa Rawal
Cryptography and Network Security	Vipin Jain
Computer Vision and Image Processing - Fundamentals and Applications	Sanju Choudhary
Digital Electronic Circuits	Suman Sharma
The Joy of Computing using Python	Nikhar Bhatnagar
An Introduction to Artificial Intelligence	Shalini Singhal
An Introduction to Artificial Intelligence	Sunita Gupta
Machine Learning, ML	Sanwta Ram Dogiwal
The Joy of Computing using Python	Dolly mittal

Dr. Sanita Gupta &
Naveen Jain



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**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur, Rajasthan-302017**

Mapping of Courses from RTU to NPTEL

Department of Information Technology

(Jan-April 2021)

S.No.	Semester	RTU Subject	NPTEL Courses	Credits	Mentor	Subject Teacher
1	IV	4IT4-05 Database Management System	Database Management System- university of Madras, Chennai	3	Mehul Mahrishi	Mehul Mahrishi
2	IV	4IT4-07 Data Communication and Computer Networks	Computer Networks and Internet Protocol- IIT Kharagpur	3	Richa Rawal	Nikhar Bhatnagar
3	IV	4IT4-24 Java Lab	Programming in Java- IIT Kharagpur	3		Dr. Sunita Gupta
4	VI	6IT3-01 Digital Image Processing	Computer Vision & Image Processing-IIT Guwahati	3	Dr. Sanwta Ram Dogiwal and Sanju Choudhary	Sanwta Ram Dogiwal
5	VI	6IT4-02 Machine Learning	Introduction to Machine Learning-IIT Madras	3	Dr. Sanwta Ram Dogiwal and Sushila Vishnoi	Dolly mittal
6	VI	6IT4-05 Artificial Intelligence	An Introduction to Artificial Intelligence-IIT Delhi	3	Dr. Sunita Gupta and Shalini Singhal	Shalini Singhal
7	VI	6IT5-12 Cloud Computing	Cloud Computing-IIT Kharagpur	2		Dr. anil Choudhary
8	VI	6IT4-23 Python Lab	The Joy of Computing using Python- IIT Ropar	3	Nikhar Bhatnagar and Dolly mittal	Sanju Choudhary
9	VI	6CS4-03 Information	Cryptography and Network	3	Vipin Jain	Vipin Jain



		System Security	Security-IIT Kharagpur			
10	VIII	8IT4-21 Internet of Things	Introduction to internet of things	3	Mr. Naveen Jain	Mr. Naveen Jain

Dr. Sunita Gupta
Mr. Naveen Jain
NPTEL Coordinators (IT)

S.
Naveen Jain

Anil Choudhary
Dr. Anil Choudhary
HOD (IT)



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur
Department of Information Technology**

LIST OF NPTEL MENTOR

Session:- july-dec 2021

Name of mentor	Name of course
Sanwta Ram Dogiwal	Computer Graphics
Naveen Jain	1:-Big Data Computing 2:- Problem solving through Programming In C 3:- Programming in Java
Mehul Mahrishi	Data Base Management System
Richa Rawal	Software Engineering
Vipin Jain	Operating Systems Operating System Fundamentals
Sanju Choudhary	1:-Software Engineering 2:-Operating Systems 3:- Operating System Fundamentals
Dolly Mittal	Programming in C++
Nikhil Bhatnagar	Data Base Management System
Shalini Singhal	Programming in C++
Sunita Gupta	Programming in Java

Mr. Naveen Jain

Dr. Sunita Gupta

NPTEL Coordinator (IT)



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**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur
Department of Information Technology**

Mapping of course from RTU to NPTEL

Department:-IT

Session :-july-Dec 2021

RTU course	NPTEL	Semester	Credit
1 Big Data Analytics	Big Data Computing	VII	3
Cyber Security	1:-Cyber Security 2:- Introduction to Cyber Security	VII	3
Operating System	1:-Introduction to Operating Systems 2:- Operating System Fundamentals 3:- Operating Systems	V	3
Computer Graphics & Multimedia	Computer Graphics	V	2



Analysis of Algorithms	Introduction to algorithms and analysis	V	3
Software Testing and Project Management	Software Testing	V	3
Advanced Java	Programming in Java	V	3
Advanced Engineering Mathematics	1:-Discrete Mathematics 2:- Modern Algebra	III	2
Data Structures and Algorithms	Programming, Data Structures And Algorithms Using Python	III	2
Object Oriented Programming	Programming in C++	III	2
Software Engineering	1:-Software Engineering 2:-Object Oriented Analysis and Design	III	3

Mr. Naveen Jain

Dr. Sunita Gupta

NPTEL Coordinator (IT)

Naveen Jain
Sunita Gupta



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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date. 12/01/2018

NPTEL Session: Jan-April, 2018

S. No.	Faculty Name	Course Name
1	Jetender Babulal Jangid	Hydration, Porosity and Strength of Cementitious Materials
2	Nishant Sachdeva	Soil Mechanics/Geotechnical Engineering I

Please enroll the above mentioned faculty members as mentors in their respective courses.



Nishant Sachdeva/Sitaram Saini
(NPTEL Coordinators, CE Dept.)

HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN

(Department of Civil Engineering)

Date 20-12-2017

NPTEL COURSES MAPPING (Jan.-April 2018)

B.Tech./ IV Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Concrete Technology	Hydration, Porosity And Strength Of Cementitious Materials	08 Weeks

B.Tech./ VI Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Solid and Hazardous Waste Management	Electronic Waste Management - Issues And Challenges	04 Weeks

Note: This mapping is done in context with the running semester during the Jan-April session. There are many other courses available. You may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date. 13/07/2018

NPTEL Session: July-Oct, 2018

S. No.	Faculty Name	Course Name
1	Sandesh Saxena	Principles of Construction Management
2	Kishan Lal Jain	Strength of Materials
3	Suniti Kumari	Wastewater Treatment and Recycling
4	Jetender Babulal Jangid	Concrete Technology

Please enroll the above mentioned faculty members as mentors in their respective courses.



A handwritten signature in black ink, appearing to read "Nishant Sachdeva/Sitaram Saini".

Nishant Sachdeva/Sitaram Saini
(NPTEL Coordinators, CE Dept.)

A handwritten signature in black ink, appearing to read "HOD - CE".

HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

Date. 12/07/2018

NPTEL COURSES MAPPING (July-Dec 2018)

B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Fluid Mechanics	Fluid Mechanics	12 weeks
2	Strength of Materials	Strength of Materials	12 weeks

B. Tech/V Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Geotechnical Engineering	Soil Mechanics/Geotechnical Engineering I	12 weeks
		Geotechnical Engineering Laboratory	04 weeks

B. Tech/VII Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Project Planning and Construction Management	Principles of Construction Management	08 weeks
2	Environmental Engineering	Wastewater Treatment and Recycling	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.

Sachdeva

NISHANT SACHDEVA/PRIYANKA GUPTA
(NPTEL COORDINATORS, CE DEPT.)



B
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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date. 08/01/2019

NPTEL Session: Jan-June, 2019

S. No.	Faculty Name	Course Name
1	Saurabh Singh	Hydration, Porosity & Strength of Cementitious Materials
2	Shubham Kumar Kumawat	Digital Land Surveying and Mapping (DLS & M)
3	Nishant Sachdeva	Soil Mechanics/Geotechnical Engineering I
4	Saurabh Singh	Plastic Waste Management

Please enroll the above mentioned faculty members as mentors in their respective courses.



Nishant Sachdeva/Priyanka Gupta
(NPTEL Coordinators, CE Dept.)

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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

Date. 07/01/2019

NPTEL COURSES MAPPING (Jan-June 2019)

B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Concrete Technology	Hydration, Porosity and Strength of Cementitious Materials	08 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Geotechnical Engineering II	Soil Mechanics/Geotechnical Engineering I	12 weeks
2	Remote Sensing and GIS	Digital Land Surveying and Mapping	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Sachdeva

NISHANT SACHDEVA/PRIYANKA GUPTA
(NPTEL COORDINATORS, CE DEPT.)

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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date. 10/07/2019

NPTEL Session: July-Dec, 2019

S. No.	Faculty Name	Course Name
1	Shubham Kumar Kumawat	Fluid Mechanics
2	Priyanka Gupta	Integrated Waste Management for a Smart City
3	Nishant Sachdeva	Geotechnical Engineering Laboratory

Please enroll the above mentioned faculty members as mentors in their respective courses.



Nishant Sachdeva/Priyanka Gupta
(NPTEL Coordinators, CE Dept.)

HOD - CE

NPTEL COURSES MAPPING (July-Dec 2019)

Date. 08/07/2019

B.Tech/III Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Fluid Mechanics	Fluid Mechanics	08 Weeks
2	Solid Waste Management	Integrated Waste Management for a Smart City	12 weeks

B.Tech/V Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Geotechnical Engineering	Geotechnical Engineering Laboratory	04 Weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators

Sachdeva

NISHANT SACHDEVA/PRIYANKA GUPTA
(NPTEL COORDINATORS, CE DEPT.)



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HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

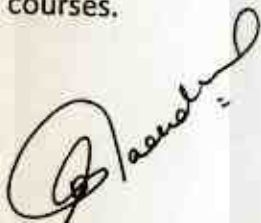
LIST OF MENTORS

Date. 15/01/2020

NPTEL Session: Jan-Apr, 2020

S. No.	Name of Course	Mentor Name
1	Hydraulic Engineering	Nikhil Kumar Sharma,
2	Water and Waste Water Treatment	Saurabh Singh, Vikas Vyas
3	Geotechnical Engineering II	Pankaj Gupta
4	Maintenance and Repair of Concrete Structures	Pooja Jain, Dr. Lalit Kumar Gupta
5	Urban Transportation System Planning	Nishant Sachdeva
6	Development and Maintenance of Special Concrete	Dr. Lalit Kumar Gupta
7	Geographic Information Systems	Dr. Chetan Sharma

Please enroll the above mentioned faculty members as mentors in their respective courses.



Nishant Sachdeva/Dr. Lalit Kumar Gupta
(NPTEL Coordinators, CE Dept.)



HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

Date: 12/01/2020

NPTEL COURSES MAPPING (Jan-April 2020)

B.Tech/IV Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Hydraulic Engineering	Hydraulic Engineering	12 Weeks
2.	Concrete Technology	Maintenance and Repair of Concrete Structures	12 Weeks
		Development and Maintenance of Special Concrete	8 Weeks

B.Tech/VI Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Environmental Engineering	Water and Waste Water Treatment	12 Weeks
2.	Foundation Design Laboratory	Geotechnical Engineering II	12 Weeks
3.	Traffic Engineering & Management	Urban Transportation System Planning	12 Weeks
4.	Geographic Information System and Remote Sensing	Geographic Information Systems	12 Weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.

Sachdeva

NISHANT SACHDEVA/DR. LALIT KR. GUPTA
(NPTEL COORDINATORS, CE DEPT.)



Pooja

HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date. 14/07/2020

NPTEL Session: July-Dec, 2020

S. No.	Faculty Name	Course Name
1	Nikhil Kumar Sharma	Hydraulic Engineering
2	Deepak Haritwal	Soil Mechanics/Geotechnical Engineering I
3	Dr. Lalit Kumar Gupta	Design of Reinforced Concrete Structures
4	Nitesh Amberia	Project Planning & Control
5	Nishant Sachdeva	Geotechnical Engineering Laboratory
6	Anirudh Mathur	Introduction to Multimodal Urban Transportation Systems (MUTS)
7	Saurabh Singh	Municipal Solid Waste Management
8	Nikhil Kumar Sharma	Fluid Mechanics

Please enroll the above mentioned faculty members as mentors in their respective courses.

Nishant Sachdeva/Dr. Lalit Kumar Gupta
(NPTEL Coordinators, CE Dept.)



HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

Date 20-05-2020

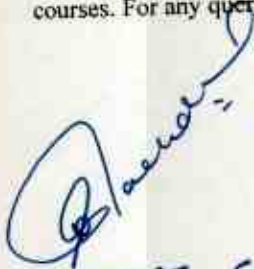
NPTEL COURSES MAPPING (July-Dec 2020)

B.Tech./ III Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Fluid Mechanics	Fluid Mechanics	12 Weeks
2.	Engineering Mechanics	Mechanics of Materials	12 Weeks


B.Tech./ V Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Design of Concrete Structures	Design of Reinforced Concrete Structures	12 Weeks
2.	Geotechnical Engineering	Soil Mechanics/ Geotechnical Engineering 1	12 Weeks
		Foundation Engineering	12 Weeks
		Geotechnical Engineering Laboratory	04 Weeks
3.	Structural Analysis-1	Structural Analysis-1	12 Weeks

B.Tech./ VII Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Transportation Engineering	Introduction to Multimodal Urban Transportation System	12 Weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available. You may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.


(NISHANT SACHDEVA)




(HOD - CE)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

LIST OF MENTORS

Date 15-01-2021

NPTEL Session Jan.-April 2021

S. No.	Faculty Name	Course Name
1.	Hydraulic Engineering	Shubham Kumar Kumawat, Nikhil Kumar Sharma, Nitesh Amberia, Dr. Chetan Sharma
2.	Water and Waste Water Treatment	Saurabh Singh, Vikas Vyas
3.	Geotechnical Engineering II	Pankaj Gupta
4.	Maintenance and Repair of Concrete Structures	Pooja Jain, Dr. Lalit Kumar Gupta
5.	Urban Transportation System Planning	Nishant Sachdeva
6.	Development and Maintenance of Special Concrete	Dr. Lalit Kumar Gupta
7.	Geographic Information Systems	Dr. Chetan Sharma

Please enroll the above mentioned faculty members in their respective courses.



Nishant Sachdeva
(NPTEL Coordinator, CE Dept.)



HOD-CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN

(Department of Civil Engineering)

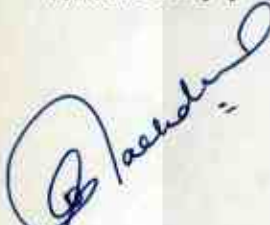
Date 20-12-2020

NPTEL COURSES MAPPING (Jan.-April 2021)


B.Tech./ IV Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Concrete Technology	Maintenance and Repair Of Concrete Structures	12 Weeks
2.	Hydraulic Engineering	Hydraulic Engineering	12 Weeks

B.Tech./ VI Semester			
S. No.	Name of Subject	NPTEL Course	Duration
1.	Solid and Hazardous Waste Management	Integrated Waste Management for a Smart City	12 weeks

Note: This mapping is done in context with the running semester during the Jan-April session. There are many other courses available. You may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.


(NISHANT SACHDEVA)




(HOD-CE)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

NPTEL COURSES MENTOR'S LIST
(July-Dec 2021)

Date. 05/07/2021

S. No	Course Name	Mentor Name
1	Ground Improvement	Pankaj Gupta, Dr. Lalit Kumar Gupta
2	Sustainable Engineering Concepts and Life Cycle Analysis	Sitaram Saini, Vikas Vyas
3	Design of Concrete Structures	Dr. Lalit Kumar Gupta
4	Soil Mechanics/Geotechnical Engineering I	Nishant Sachdeva
5	Fluid Mechanics	Nikhil Kumar Sharma

Nishant Sachdeva/Dr. Lalit Kumar Gupta
(NPTEL Coordinators – CE Dept.)



HOD - CE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Civil Engineering)

Date. 21/05/2021

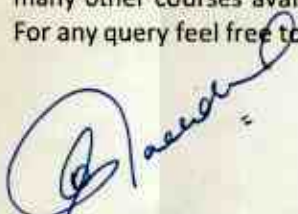
NPTEL COURSES MAPPING (July-Dec 2021)

B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Fluid Mechanics	Fluid Mechanics	12 weeks
2	Engineering Mechanics	Mechanics of Materials	12 weeks
3	Engineering Geology	Earth Sciences for Civil Engineering	08 weeks

B. Tech/V Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Design of Concrete Structures	Design of Reinforced Concrete Structures	12 weeks
2	Geotechnical Engineering	Soil Mechanics/Geotechnical Engineering I	12 weeks
		Foundation Engineering	12 weeks
		Geotechnical Engineering Laboratory	04 weeks
3	Ground Improvement Techniques	Ground Improvement	12 weeks

B. Tech/VII Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Transportation Engineering	Sustainable Transportation Systems	12 weeks
		Introduction to Multimodal Urban Transportation Systems	12 weeks
2	Sustainable Engineering	Sustainable Engineering Concepts and Life Cycle Analysis	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swamikanand.edu.in for information regarding all courses. For any query feel free to contact NPTEL coordinator.


NISHANT SACHDEVA/DR. LALIT KR. GUPTA
(NPTEL COORDINATORS, CE DEPT.)





Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -JULY-DEC 2017

S. No.	Mentor	Subject
1	Ankit Agarwal	Analog circuits
2	Ravi Jangir	Principles of Communication Systems: Part - II
3	Mr. P. K. Jain	Applied Electromagnetics For Engineers
4	Abhinandan Jain	Analog communication
5	PallavRawal	Applied Electromagnetics For Engineers

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



Murkeshy
HOD/ Dy-HOD (ECE)

Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects

Department: - ECE

Session: -July-Dec (2017-18)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Digital Electronics	III	Switching Circuits and Logic Design	Vikas Pathak	Vikas Pathak	3
Digital Electronics	III	Digital Circuits	Abhinandan Jain	Abhinandan Jain	3
Electronic Devices & Circuits	III	Analog Electronic Circuit	Kiran Rathi	Kiran Rathi	3
Electromagnetic Properties Of Materials	III	Introduction to Electromagnetic Theory	Abhilasha Yadav	Abhilasha Yadav	3
Microwave Engg. -I	V	Microwave Theory and Techniques	Harshal Nigam	Harshal Nigam	3
Analog Communication	V	Analog communication	Gloria Joseph	Gloria Joseph	3
Digital Image Processing	VII	Digital Image Processing	Ankit Agarwal	Ankit Agarwal	3


Neeraj Jain/ Lalit Kumar Lata
NPTEL Coordinator




HOD, ECE

Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -Jan-Apr 2018

S. No.	Mentor	Subject
1	Dr. Monika Mathur	Antennas
2	Ankit Agarwal	Principles of Communication Systems - I
3	Dr. Rukhsar Zafar	Fiber Optics
4	Dr. Swati Arora	Fundamentals of Electronic Materials and Devices
5	Abhinandan Jain	Control Engineering
6	Dr. P. K. Jain	Principles of Signals and Systems
7	PallavRawal	Electromagnetic Theory

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



Murkesh
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Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects

Department: - ECE

Session: -Jan-Apr (2017-18)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Electromagnetic Field Theory	IV	Electromagnetic Theory	Pallav Rawal	Pallav Rawal	3
Digital Communication	VI	Principles of Communication Systems - I	Ankit Agarwal	Ankit Agarwal	3
Optical Fiber Communication	VI	Fiber Optics	Dr. Rukhsar Zafar	Dr. Rukhsar Zafar	3
Control Systems	VI	Control Engineering	Abhinandan Jain	Abhinandan Jain	3
MEMS and Nanotechnology	VIII	Fundamentals of Electronic Materials and Devices	Dr. Swati Arora	Dr. Swati Arora	3


Neeraj Jain/ Lalit Kumar Lata

NPTEL Coordinator




HOD, ECE

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Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -JULY-DEC 2018

S. No.	Mentor	Subject
1	Vikas Pathak	Switching Circuits and Logic Design
2	Harshal Nigam	Microwave Theory and Techniques
3	Abhinandan Jain	Digital Circuits
4	Dr. P. K. Jain	Fabrication Techniques for MEMs-based sensors: Clinical perspective
5	Ankit Agarwal	Digital Image Processing
6	Abhilasha Yadav	Introduction to Electromagnetic Theory
7	Gloria Joseph	Analog communication
8	Kiran Rathi	Analog Electronic Circuit

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



Neeraj Jain
HOD/ Dy-HOD (ECE)

Swami Keshvanand Institute of Technology, Management & Gramothan,
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Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects

Department: - ECE

Session: -July-Dec (2018-19)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Digital System Design	III	Switching Circuits and Logic Design	Vikas Pathak	Vikas Pathak	3
Microwave Engg -I	V	Microwave Theory and Techniques	Harshal Nigam	Harshal Nigam	3
Digital System Design	III	Digital Circuits	Abhinandan Jain	Abhinandan Jain	3
Digital Image Processing	VII	Digital Image Processing	Ankit Agarwal	Ankit Agarwal	3
Analog Communication	V	Analog communication	Gloria Joseph	Gloria Joseph	3


Neeraj Jain/ Lalit Kumar Lata
NPTEL Coordinator




Dr. Mukesh Arora
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Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -Jan-Apr 2019

S. No.	Mentor	Subject
1	Abhinandan Jain	Microprocessor and Interface
2	Dr. P. K. Jain	Integrated circuit MOSFET OP AMP and their Application
3	Ravi Jangir	Principal of communication system -I
4	Shubhi Jain	Antenna
5	Kiran Rathi	Analog Circuit
6	Harshal Nigam	Microwave integrated Circuit
7	Swati Arora	CMOS Digital VLSI Design
8	Neeraj Jain	Digital Electronic Circuit
9	Vikas Pathak	VLSI signal Processing
10	Rahul Pandey	Analog Electronic Circuit
11	Rukhsar Zafar	Information Theory
12	Sunil Lakhawat	Microprocessor and Microcontroller

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



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Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagarla, Jagatpura, Jaipur-302017

Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects


Department: - ECE

Session: -Jan-Apr (2018-19)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Microcontrollers	IV	Microprocessor and Interface	Abhinandan Jain	Abhinandan Jain	3
Analog and Digital Communication	IV	Principal of communication system -I	Ravi Jangir	Ravi Jangir	3
Analog Circuit	IV	Analog Circuit	Kiran Rathi	Kiran Rathi	2
Microwave Engg.-II	VI	Microwave integrated Circuit	Harshal Nigam	Harshal Nigam	3
Analog Circuit	IV	Analog Electronic Circuit	Rahul Pandey	Rahul Pandey	3
Microcontrollers	IV	Microprocessor and Microcontroller	Sunil Lakhawat	Sunil Lakhawat	3


Neera Jain/ Lalit Kumar Lata
NPTEL Coordinator




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Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -JULY-DEC 2019

S. No.	Mentor	Subject
1	Mr. Pallav Rawal	Microwave theory and technique
2	Ms. Richa Sharma	Digital Circuit
3	Ankit Agarwal	Digital Signal Processing
4	Priyanka Sharma	Analog communication
5	Namarta Joshi	Electrical Measurement and Electronic instrument
6	Rahul Pandey	Control Engineering
7	Kiran Rathi	Analog Electronic Circuit

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



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Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects

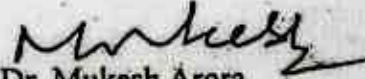
Department: - ECE

Session: July-Dec (2019-20)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Microwave Theory & Techniques	V	Microwave theory and technique	Mr. Pallav Rawal	Mr. Pallav Rawal	3
Digital System Design	III	Digital Circuit	Ms. Richa Sharma	Ms. Richa Sharma	3
Digital Signal Processing	VII	Digital Signal Processing	Ankit Agarwal	Ankit Agarwal	3
Control system	V	Control Engineering	Rahul Pandey	Rahul Pandey	3


Neera Jain/ Lalit Kumar Lata
NPTEL Coordinator




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Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -Jan-Apr 2020

S. No.	Mentor	Subject
1	Vikas Pathak	Microprocessor and Interfacing
2	Namarta Joshi	Analog Circuit
3	J. P. Vijay	Principal of Communication
4	Harshal Nigam	Microwave Integrated Circuit
5	Neeraj Jain	Digital Electronic Circuit
6	Rahul Pandey	Analog Electronic Circuit
7	Shubhi Jain	Antenna
8	Vikas Pathak	VLSI and Signal Processing

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



HOD/ Dy-HOD (ECE)

Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagarja, Jagatpura, Jaipur-302017


Department of Electronics & Communication

Mapping of NPTEL courses with RTU subjects

Department: - ECE

Session: -Jan-Apr (2019-20)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Microcontrollers	IV	Microprocessor and Interfacing	Vikas Pathak	Vikas Pathak	3
Analog Circuit	IV	Analog Circuit	Namarta Joshi	Namarta Joshi	2
Analog and Digital Communication	IV	Principal of Communication	J. P. Vijay	J. P. Vijay	3
Analog Circuit	IV	Analog Electronic Circuit	Rahul Pandey	Rahul Pandey	3
Antennas and Propagation	VI	Antenna	Shubhi Jain	Shubhi Jain	3


Nigraaj Jain / Lalit Kumar Lata

NPTEL Coordinator




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Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -JULY-DEC 2020

S. No.	Mentor	Subject
1	Abhinandan Jain	Microprocessors and Microcontrollers
2	Harshal Nigam	Microwave Theory and Techniques
3	Abhinandan Jain	Basic Electrical Circuits
4	Neeraj Jain	Digital Circuits
5	Rahul	Control systems
6	Pooja Choudhary	Introduction to Embedded System Design

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

NPTEL Co-Ordinator (ECE)



[Signature]
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Department of Electronics & Communication

Mapping of NPTEL courses with RTU subjects


Department: - ECE

Session: -July-Dec(2020-21)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Microwave Theory & Techniques	V	Microwave Theory and Techniques	Harshal Nigam	Harshal Nigam	3
Network Theory	III	Basic Electrical Circuits	Abhinandan Jain	Abhinandan Jain	3
Digital System Design	III	Digital Circuits	Neeraj Jain	Neeraj Jain	3
Control system	V	Control systems	Rahul Pandey	Rahul Pandey	3
Embedded Systems	V	Introduction to Embedded System Design	Pooja Choudhary	Pooja Choudhary	3


Neeraj Jain / Lalit Kumar Lata
NPTEL Coordinator




Dr. Mukesh Arora
HOD, ECE

Shri D.R. Bhinchar

~~Dr. Suman~~
16/1/21


List of Mentor for NPTEL

Session: - JAN-APR 2021

Branch: -ECE

Following faculty members are assigned as faculty mentor for upcoming NPTEL courses (JAN-APR 2021).

NPTEL Course / RTU Course	Name of Faculty
Digital Image and Video Processing	Mr. Ankit Agarwal
Power Electronics	Mr. Harshal Nigam
Computer Network	Ms. Manju Choudhary
Fiber Optics Communications	Dr. Praveen Kumar Jain
Antennas and Propagation	Dr. Shubhi Jain
Information Theory and Coding	Ms. Suman Sharma
Nano Electronics	Ms. Pooja Choudhary
Analog Circuits	Ms. Kiran Rathi
Microcontrollers	Mr. Abhinandan Jain
Electronics Measurement & Instrumentation	Mr. Ravi Jangir
Analog and Digital Communication	Ms. Rajni Idawal
Digital IC Design	Mr. Vikas Pathak


Mr. Neeraj Jain/ Mr. Lalit Lata
(NPTEL CO-ORDINATOR)




Dr. Mukesh Arora
(HOD, ECE)

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017**

**Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects**

Department: - ECE

Session: -Jan-Apr (2020-21)

RTU course	Semester	NPTEL	Mentor	Subject Teacher	Credit
Digital Image and Video Processing	VIII	Vision and Image Processing - Fundamentals and Applications	Mr. Ankit Agarwal	Mr. Ankit Agarwal	3
Power Electronics	VI	Fundamental of Power Electronics	Mr. Harshal Nigam	Mr. Harshal Nigam	3
Computer Network	VI	Computer Networks and Internet Protocol	Ms. Manju Choudhary	Ms. Manju Choudhary	3
Fiber Optics Communications	VI	Optical Communications	Dr. Praveen Kumar Jain	Dr. Praveen Kumar Jain	3
Antennas and Propagation	VI	Antennas	Dr. Shubhi Jain ,	Dr. Shubhi Jain	3
Information Theory and Coding	VI	An Introduction to Information Theory	Ms. Suman Sharma	Ms. Suman Sharma	2
Analog Circuits	IV	Analog circuits	Ms. Kiran Rathi	Ms. Kiran Rathi	2
Microcontrollers	IV	Microprocessors and Microcontrollers	Mr. Abhinandan Jain	Mr. Abhinandan Jain	3
Electronics Measurement & Instrumentation	VI	Sensors and Actuators	Mr. Ravi Jangir	Mr. Ravi Jangir	3
Analog and Digital Communication	VI	Principles of Digital Communications	Ms. Rajni Idawal	Ms. Rajni Idawal	3


Neeraj Jain/ Lalit Kumar Lata

NPTEL Coordinator




Dr. Mukesh Arora

HOD, ECE

Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Department of Electronics & Communication

LIST OF NPTEL MENTOR

Session: -July-Dec 2021

S. No.	Mentor	Subject
1	Mr. Neeraj Jain/ Mr. Vikas Pathak	Digital Circuits
2	Ms. Kiran Rathi/ Mr. Sunil Lakhawat	Introduction to Semiconductor Devices
3	Mr. Rahul Pandey/ Mr. PallavRawal	Control engineering
4	Mr. Harshal Nigam	Microwave Theory and Techniques
5	Dr. Praveen K Jain	Electromagnetic Theory
6	Dr. Shubhi Jain	Microwave Engineering
7	Ms. ManjuChoudhary	Computer architecture and organization

Mr. Neeraj Jain

Mr. Lalit Kumar Lata



Mr. Keshy

NPTEL Co-Ordinator (ECE)

HOD (ECE)

Swami Keshvanand Institute of Technology, Management & Gramothan,
Rannagarla, Jagatpura, Jaipur-302017

Department of Electronics & Communication
Mapping of NPTEL courses with RTU subjects

Department: - ECE

Session: -July-Dec (2021-22)

RTU course	Semester	NPTEL	Mentor	Credit
Digital System Design	III	Digital Circuits	Mr. Neeraj Jain/ Mr. Vikas Pathak	3
Electronic Devices	III	Introduction to Semiconductor Devices	Ms. Kiran Rathi/ Mr. Sunil Lakhawat	3
Control system	V	Control engineering	Mr. Rahul Pandey/ Mr. Pallav Rawal	3
Microwave Theory & Techniques	V	Microwave Theory and Techniques	Mr. Harshal Nigam	3
Electromagnetic Waves	V	Electromagnetic Theory	Dr. Praveen K Jain	3
Microwave Theory & Techniques	V	Microwave Engineering	Dr. Shubhi Jain	3
Computer Architecture	V	Computer architecture and organization	Ms. Manju Choudhary	2


Neeraj Jain/ Lalit Kumar Lata

NPTEL Coordinator




Dr. Mukesh Arora

HOD, ECE



Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 08/08/2017

Subject: List of NPTEL courses and their mentor for July-Dec 2017 session.

S. No.	Courses	Mentors
1	Analog circuits	Mr. Mohd imran
2	Basic electrical circuits	Mr. Jitendra Singh
3	Control engineering	Mr. Tarun Naruka
4	Electrical machines - I	Mr. Gaurav Kansal
5	Networks and systems	Mr. Vivek Sharma

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.

Dr. Dhanraj Chitara
Coordinator NPTEL
EE Deptt.



Dr. Akash Saxena
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
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Department of Electrical Engineering


Date: 08/08/2017

Mapping of NPTEL course with RTU

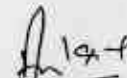
Department: Electrical Engineering

Session: July-Dec, 2017

S. No.	RTU Course	NPTEL course	Duration of course
1	Circuit Analysis-I (3EE2A)	Networks and Systems	12 weeks
2	Basic Electrical Engineering (1FY3-08)	Basic Electrical Circuit	08 weeks
3	Electrical Machine - I (3EE5A)	Electrical Machine - I	12 weeks
4	Control System (5EE3A)	Control Engineering	12 weeks
5	Power System Analysis (7EE2A)	Power System Analysis	12 weeks


Dr. Dhanraj Chitara
Coordinator NPTEL
EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 06/01/2018

Subject: List of NPTEL courses and their mentor for Jan-April 2018 session.

S. No.	Courses	Mentors
1	Analog Circuits	Mr. Vikas Ranveer Mahala
2	Power System Engineering	Mr. Arun Kumar Nayak

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Dr. Dhanraj Chitara
Coordinator NPTEL
EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

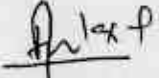
Date: 06/01/2018

Mapping of NPTEL course with RTU
Department: Electrical Engineering
Session: Jan-April, 2018

S. No.	RTU Course	NPTEL course	Duration of course
1	Modern Control Theory (6EE1A)	Control Engineering	12 weeks
2	Advanced Microprocessors (6EE6.1A)	Microprocessors and microcontroller	12 weeks
3	Analog Electronics (4EE1A)	Analog Circuits	08 weeks


Dr. Dhanraj Chitara
Coordinator NPTEL
EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.




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Department of Electrical Engineering

Date: 02/08/2018

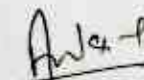
Subject: List of NPTEL courses and their mentor for July-Dec 2018 session.

S. No.	Courses	Mentors
1	Basic electrical circuits	Mrs. Deepti Arela
2	Control Engineering	Mrs. Rammurti Meena
3	Fundamentals of Electrical Engineering	Mr. Jinendra Rahul
4	Power system analysis	Mrs. Baibhav Bishal

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Dr. Dhanraj Chitara
Coordinator NPTEL
EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.

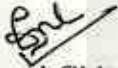


Swami Keshvanand Institute of Technology, Management &
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Department of Electrical Engineering

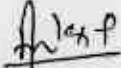
Date: 02/08/2018

Mapping of NPTEL course with RTU
Department: Electrical Engineering
Session: July-Dec, 2018

S. No.	RTU Course	NPTEL course	Duration of course
1	Basic Electrical Engineering (1FY3-08)	Fundamentals of electrical engineering	12 weeks
2	Analog Electronics (3EE4-06)	1. Analog Circuits 2. Analog Electronic Circuit	12 weeks
3	Electrical Circuit Analysis (3EE4-05)	Basic Electrical Circuit	12 weeks
4	Electrical Machine - I (3EE4-07)	Electrical Machine - I	12 weeks
5	Control System (5EE3A)	Control Engineering	12 weeks
6	Transmission & Distribution of Electrical Power (5EE5A)	Electrical Distribution system analysis	08 weeks
7	Power System Analysis (7EE2A)	Power System Analysis	12 weeks


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Department of Electrical Engineering

Date: 08/01/2019

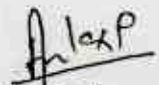
Subject: List of NPTEL courses and their mentor for Jan-April 2019 session.

S. No.	Courses	Mentors
1	Electrical Machines – II	Md Yusuf Sharif
2	Electric Vehicles - Part I	Mr. Arun Kumar Nayak
3	Control engineering	Mr. Vikas Ranveer Singh Mahala Mr. Gaurav Kansal

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering


Date: 08/01/2019

Mapping of NPTEL course with RTU


Department: Electrical Engineering

Session: Jan-April, 2019

S. No.	RTU Course	NPTEL course	Duration of course
1	Electrical Machine - II (4EE3-05)	1. Electrical Machines – II 2. Electrical Machines	12 weeks
2	Power Electronics (4EE3-06)	Fundamental of Power Electronics	12 weeks
3	Signals & Systems (4EE3-07)	Principles of Signals and System	12 weeks
4	Digital Electronics (4EE3-08)	Digital Electronic Circuits	12 weeks
5	Advanced Power Electronics (6EE4A)	Advanced Power Electronics and Control	08 weeks
6	Modern Control Theory (6EE1A)	Control Engineering	12 weeks


Mr. Manish Kumar Navlakha
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EE Deptt.




Dr. Akash Saxena
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagara, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 21/08/2019

Subject: List of NPTEL courses and their mentor for July-Dec 2019 session.

S. No.	Courses	Mentors
1	Basic Electrical Circuits	Mr. Manish Kumar Navlakha

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering


Date: 21/08/2019

Mapping of NPTEL course with RTU

Department: Electrical Engineering

Session: July-Dec, 2019

S. No.	RTU Course	NPTEL course	Duration of course
1	Basic Electrical Engineering (1FY3-08)	Fundamentals of electrical engineering	12 weeks
2	Analog Electronics (3EE4-06)	Analog Electronics Circuit	12 weeks
3	Electrical Circuit Analysis (3EE4-05)	Basic Electrical Circuit	12 weeks
4	Electrical Machine - I (3EE4-07)	1. Electrical Machine - I 2. Electrical Machines	12 weeks
5	Control System (5EE4-03)	Control Engineering	12 weeks
6	1. Power System-I (5EE4-02) 2. Power System Analysis (7EE2A)	Power System Analysis	12 weeks


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 04/01/2020

Subject: List of NPTEL courses and their mentor for Jan-April 2020 session.

S. No.	Courses	Mentors
1	Electrical Machines – II	Mr. Vikas Mahala
2	Signals and Systems	Mr. Tarun Naruka
3	Digital Electronic Circuits	Mrs. Rammurti Meena

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
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Department of Electrical Engineering


Date: 04/01/2020

Mapping of NPTEL course with RTU

Department: Electrical Engineering

Session: Jan-April, 2020

S. No.	RTU Course	NPTEL course	Duration of course
1	Basic Electrical Engineering (2FY3-08)	Network Analysis	12 weeks
2	Electrical Machine - II (4EE3-05)	1. Electrical Machines – II 2. Electrical Machines	12 weeks
3	Power Electronics (4EE3-06)	Fundamental of Power Electronics	12 weeks
4	Signals & Systems (4EE3-07)	1. Principles of Signals and Systems 2. Signals and Systems	12 weeks
5	Digital Electronics (4EE3-08)	Digital Electronic Circuits	12 weeks
6	HVDC Transmission System (8EE4-11)	DC Power Transmission Systems	12 weeks


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 21/08/2020

Subject: List of NPTEL courses and their mentor for July-Dec 2020 session.

S. No.	Courses	Mentors
1	Analog Electronic Circuit	Md. Yusuf sharif
2	Basic Electrical Circuits	Mr. Vikas Ranveer Singh Mahala
3	Control systems	Mr. Tarun Naruka Mr. Ajay Bhardwaj
4	Fundamentals of Electrical Engineering	Mrs. Pooja Jain Md. Imran

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dharmraj Chitara
Head
EE Deptt.



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Ramnagar, Jagatpura,
Jaipur**
Department of Electrical Engineering


Date: 21/08/2020

Mapping of NPTEL course with RTU


Department: Electrical Engineering

Session: July-Nov, 2020

S. No.	RTU Course	NPTEL course	Duration of course
1	Basic Electrical Engineering (1FY3-08)	Fundamentals of electrical engineering	12 weeks
2	Analog Electronics (3EE4-06)	Analog Electronics Circuit	12 weeks
3	Electrical Circuit Analysis (3EE4-05)	Basic Electrical Circuit	12 weeks
4	Electrical Machine - I (3EE4-07)	Electrical Machine - I	12 weeks
5	Power System - I (5EE4-02)	Power System Analysis	12 weeks
6	Control System (5EE4-03)	Control Engineering	12 weeks


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 21/01/2021


Subject: List of NPTEL courses and their mentor for Jan-april 2021 session.

S. No.	Courses	Mentors
1	Electrical Machines – II	Mr. Vikas Mahala
2	Electrical Machines	Md. Yusuf Sharif
3	Fundamental of Power Electronics	1. Mr. Manish Kumar Navlakha 2. Mr. Jitendra Singh
4	Signals and Systems	Mr. Tarun Naruka

Note: Students are requested to enroll in these courses for getting 'honors' in B.Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering


Date: 21/01/2021

Mapping of NPTEL course with RTU


Department: Electrical Engineering

Session: Jan-April, 2021

S. No.	RTU Course	NPTEL course	Duration of course
1	Electrical Machine - II (4EE3-05)	1. Electrical Machines – II 2. Electrical Machines	12 weeks
2	Power Electronics (4EE3-06)	Fundamental of Power Electronics	12 weeks
3	Signals & Systems (4EE3-07)	1. Principles of Signals and Systems 2. Signals and Systems	12 weeks
4	Digital Electronics (4EE3-08)	Digital Electronic Circuits	12 weeks


Mr. Mahesh Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.




Swami Keshvanand Institute of Technology, Management &
Gramothan, Ramnagar, Jagatpura, Jaipur
Department of Electrical Engineering

Date: 15/07/2021

Subject: List of NPTEL courses and their mentor for Sep-Nov 2021 session.

S. No.	Courses	Mentors
1	Fundamentals Of Electrical Engineering	<ul style="list-style-type: none">• Mrs. Deepti Arela• Mr. Vivek Sharma• Mr. Avadhesh Ku. Sharma• Mrs. Kavita Jain
2	Basic Electrical Circuit	<ul style="list-style-type: none">• Mr. Viaksh Mahla• Mr. Deepak Saini• Mr. Tarun Chheepa• Mr. Garvit Gupta
3	Analog Electronics Circuit	<ul style="list-style-type: none">• Mr. Md. Yusuf Sharif
4	Electrical Machine - I	<ul style="list-style-type: none">• Dr. Suman Sharma• Mr. Bharat Modi
5	Electromagnetic Theory	<ul style="list-style-type: none">• Mr. Akash Deo
6	Digital Circuits	<ul style="list-style-type: none">• Mrs. Rammurti Meena
7	Control Engineering	<ul style="list-style-type: none">• Mr. Md. Yusuf Sharif• Mr. Md. Imran• Mr. Tarun Naruka
8	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	<ul style="list-style-type: none">• Mrs. Deepti Arela• Mrs. Rammurti Meena
9	Power System Analysis	<ul style="list-style-type: none">• Mr. VikasMahala• Mr. Ajay Bhardwaj• Mr. Ankush Tandon
10	Introduction to Smart Grid	<ul style="list-style-type: none">• Mrs. Deepti Arela
11	Power Quality	<ul style="list-style-type: none">• Dr. Suman Sharma• Ms. Smriti Jain• Mr. Ankush Tandon• Ms. Baibhav Bishal• Mr. Jinendra Rahul• Mr. Jitendra Singh
12	Electric Vehicles and Renewable Energy	<ul style="list-style-type: none">• Mr. Avadhesh Ku. Sharma
13	Pattern Recognition and Application	<ul style="list-style-type: none">• Mr. Ankit Vijayvargiya
14	Principal of Electrical Sciences	<ul style="list-style-type: none">• Mr. Manish Kumar Navlakha

Note: Students are requested to enroll in these courses for getting 'honors' in B. Tech and also benefits in placements.


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Ramnagar, Jagatpura,
Jaipur
Department of Electrical Engineering**


Date: 15/07/2021

Mapping of NPTEL course with RTU

Department: Electrical Engineering

Session: July-Nov, 2021

S. No.	RTU Course	NPTEL course	Duration of course
1	Basic Electrical Engineering (IFY3-08)	Fundamentals of electrical engineering	12 weeks
2	Electrical Circuit Analysis (3EE4-05)	Basic Electrical Circuit	12 weeks
3	Analog Electronics (3EE4-06)	Analog Electronics Circuit	12 weeks
4	Electrical Machine - I (3EE4-07)	Electrical Machine - I	12 weeks
5	Electromagnetic Field (3EE4-08)	Electromagnetic Theory	12 weeks
6	Power System - I (5EE4-02)	Power System Analysis	12 weeks
7	Control System (5EE4-03)	Control Engineering	12 weeks


Mr. Manish Kumar Navlakha
Coordinator NPTEL
EE Deptt.




Dr. Dhanraj Chitara
Head
EE Deptt.



Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering


List of NPTEL Mentor

Session: Jan- April 2017

S.No.	Mentors Name	Subject
1	Mr. Nikhil Sharma	Introduction to Airplane Performance
2	Mr. Nitin Goyal	Introduction to Fluid Mechanics
3	Mr. Arun Beniwal	Steam and Gas Power Systems
4	Mr. Brij Mohan Sharma	Six Sigma

Mr. Chandan Kumar 
Mr. Brij Mohan Sharma 
NPTEL Co-ordinator (ME)




HOD/Dy. HOD (ME)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Mechanical Engineering)

Date. 04/01/2017

NPTEL COURSES MAPPING (Jan-Apr 2017)

B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Fluid Mechanics and Fluid Machines	Introduction to Fluid Mechanics	12 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Steam Engineering	Steam and Gas Power Systems	08 weeks

Note: This mapping is done in context with the running semester during the Jan-Apr session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Dr. Manu Augustine/ Brij Mohan Sharma
(NPTEL COORDINATORS, ME DEPT.)

HOD/ Dy. HOD - ME

**Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur**



Department of Mechanical Engineering


List of NPTEL Mentor

Session: July- Dec. 2017

S.No.	Mentors Name	Subject
1	Mr. Nikhil Sharma	Aircraft Design
2	Mr. Nikhil Sharma	Aircraft Stability and Control
3	Mr. Suresh Choudhary	Engineering Thermodynamics
4	Mr. Arun Beniwal	Fluid dynamics and turbomachines
5	Mr. Suresh Choudhary	Laws of thermodynamics
6	Dr. Vikash Gautam	Manufacturing of Composites
7	Mr. Achin Srivastav	Manufacturing Systems Technology I & II
8	Mr. Ajay Dhanopia	Mechanics of Solids
9	Mr. Ankit Agarwal	Refrigeration And Air-Conditioning
10	Mr. Praveen Saraswat	Six sigma
11	Mr. Ajay Dhanopia	Strength of materials
12	Dr. Vikash Gautam	Sustainability through Green Manufacturing Systems: An Applied Approach
13	Mr. Achin Srivastav	Total Quality Management - I



Mr. Chandan Kumar 
Mr. Brij Mohan Sharma 
NPTEL Co-ordinator (ME)


HOD/Dy. HOD (ME)

PSWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Mechanical Engineering)

Date. 07/07/2017

NPTEL COURSES MAPPING (July-Dec 2017)

B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Strength of Material	Strength of Material	12 weeks
1	Engineering Thermodynamics	Engineering Thermodynamics	12 weeks
2	Engineering Thermodynamics	Laws of thermodynamics	04 weeks

B. Tech/VII Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Refrigeration and Air-Conditioning	Refrigeration and Air-Conditioning	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



[Handwritten Signature]

Dr. Manu Augustine/ Brij Mohan Sharma
(NPTEL COORDINATORS, ME DEPT.)

[Handwritten Signature]
HOD/ Dy. HOD – ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering

List of NPTEL Mentor

Session: Jan- April 2018

S.No.	Mentors Name	Subject
1	Mr. Brij Mohan Sharma	Fundamentals of Nuclear Power Generation
2	Mr. Monu Gupta	Theory of Production Processes
3	Mr. Chandra Mohan Kumar	Steam and Gas Power Systems
4	Dr. Manu Augustine	Introduction to Mechanical Vibration

Mr. Chandan Kumar
Mr. Brij Mohan Sharma
NPTEL Co-ordinator (ME)



HOD/Dy. HOD (ME)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Mechanical Engineering)

Date. 13/01/2018

NPTEL COURSES MAPPING (Jan-Apr 2018)

B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Manufacturing Processes	Theory of Production Processes	12 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Vibration Engineering	Introduction to Mechanical Vibration	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Dr. Manu Augustine / Brij Mohan Sharma
(NPTEL COORDINATORS, ME DEPT.)

HOD/ Dy. HOD - ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering

List of NPTEL Mentor

Session: July- Dec 2018

S.No.	Mentors Name	Subject
1	Mr. Suresh Choudhary	Engineering Thermodynamics
2	Mr. NITIN GOYAL	Developing Soft Skills and Personality
3	Mr. Suresh Choudhary	Laws of thermodynamics
4	Mr. Manoj Kumar Saini	Refrigeration And Air-Conditioning
5	Mr. VINAY SINGH MARWAL	Fundamentals of manufacturing processes
6	Mr. ACHIN SRIVASTAV	Design for Quality, Manufacturing and Assembly
7	Mr. SUNIL KUMAR	Robotics
8	Mr. ACHIN SRIVASTAV	Management of Inventory Systems

Mr. Chandan Kumar
Mr. Brij Mohan Sharma
NPTEL Co-ordinator (ME)



HOD/Dy. HOD (ME)

PSWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of ME)

Date. 14/07/2018


NPTEL COURSES MAPPING (July-Dec 2018)

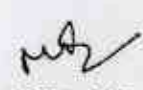
B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Engineering Thermodynamics	Engineering Thermodynamics	12 weeks
2	Engineering Thermodynamics	Laws of thermodynamics	04 weeks

B. Tech/V Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Mechatronic Systems	Robotics	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.




Dr. Manu Augustine/ Brij Mohan Sharma
(NPTEL COORDINATORS, ME DEPT.)


HOD/ Dy. HOD - ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering

List of NPTEL Mentor

Session: Jan- April 2019

S.No.	Mentors Name	Subject
1	Mr. Suresh Choudhary	Engineering Mechanics - Statics and Dynamics
2	Mr. ARUN BENIWAL	Steam and Gas Power Systems
3	Mr. CHANDAN KUMAR	IC Engines and Gas Turbines
4	Mr. Naveen Kumar Sain	Concepts of Thermodynamics
5	Mr. NITIN GOYAL	Introduction to Fluid Mechanics
6	Mr. BRIJ MOHAN SHARMA	Principles of Casting Technology
7	Mr. SANJAY BAIRWA	Manufacturing Process Technology
8	Mr. Dharmendra Hariyani	Product Design and Development
9	Mr. PRAVEEN SARASWAT	Rapid Manufacturing
10	Dr. MANOJ KUMAR SAIN	Inspection and Quality Control in Manufacturing
11	Dr. ACHIN SRIVASTAV	Introduction to Machining and Machining Fluids

Mr. Chandan Kumar
Mr. Brij Mohan Sharma
NPTEL Co-ordinator (ME)



HOD/Dy. HOD (ME)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of ME)

Date. 09/01/2019

NPTEL COURSES MAPPING (Jan-Apr 2019)

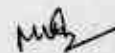
B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1.	Manufacturing Processes	Principles of Casting Technology	08 weeks
2.	Manufacturing Processes	Manufacturing Process Technology	12 weeks
3.	Fluid Mechanics and Fluid Machines	Introduction to Fluid Mechanics	12 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Quality Management	Inspection and Quality Control in Manufacturing	04 weeks

Note: This mapping is done in context with the running semester during the Jan-June session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Brij Mohan Sharma/ Chandan Kumar
(NPTEL COORDINATORS, ME DEPT.)



HOD / Dy. HOD - ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur


Department of Mechanical Engineering

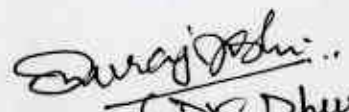
List of NPTEL Mentor

Session: July-Dec. 2019

S.No.	Mentors Name	Subject
1	Mr. Nikhil Sharma	German-I
2	Mr. Madhukar Kumar	Engineering Mechanics
3	Mr. Naveen Kumar Sain	Concepts of Thermodynamics
4	Mr. Suresh Choudhary	Concepts of Thermodynamics
5	Mr. Prakash Bharadwaj	Robotics



Mr. Chandan Kumar 
Mr. Brij Mohan Sharma 
NPTEL Co-ordinator (ME)


(Dr. Dhuraj Jashi)
HOD/Dy. HOD (ME)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of ME)

Date. 23/07/2019

NPTEL COURSES MAPPING (July-Dec 2019)

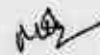
B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Engineering Thermodynamics	Concepts of Thermodynamics	12 weeks
2	Engineering Mechanics	Engineering Mechanics	12 weeks

B. Tech/V Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Mechatronic Systems	Robotics	08 weeks

Note: This mapping is done in context with the running semester during the July-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Brij Mohan Sharma/ Chandan Kumar
(NPTEL COORDINATORS, ME DEPT.)



HOD/ Dy. HOD - ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering

List of NPTEL Mentor

Session: Jan-Apr 2020

S.No.	Mentors Name	Subject
1	Mr. Brij Mohan Sharma	Principles of Casting Technology
2	Dr. Dheeraj Joshi	Manufacturing Process Technology I & II
3	Dr. N C Bhandari	Kinematics of Mechanisms and Machines
4	Mr. Nikhil Sharma	Introduction To Fluid Mechanics
5	Mr. Nikhil Sharma	IC Engines and Gas Turbines
6	Mr. Praveen Saraswat	Computer Integrated Manufacturing



Mr. Chandan Kumar
Mr. Brij Mohan Sharma
NPTEL Co-ordinator (ME)

Dr. Dheeraj Joshi
HOD (ME)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of ME)

Date. 02/01/2020

NPTEL COURSES MAPPING (Jan-Apr 2020)

B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1.	Manufacturing Processes	Principles of Casting Technology	08 weeks
2.	Manufacturing Processes	Manufacturing Process Technology I & II	12 weeks
3.	Fluid Mechanics and Fluid Machines	Introduction to Fluid Mechanics	12 weeks
4.	Theory of machines	Kinematics of Mechanisms and Machines	08 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Computer Integrated Manufacturing Systems (CIMS)	Computer Integrated Manufacturing	12 weeks

Note: This mapping is done in context with the running semester during the Jan-June session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



Brij Mohan Sharma/ Chandan Kumar
(NPTEL COORDINATORS, ME DEPT.)



HOD / Dy. HOD- ME

Swami Keshvanand Institute of Technology, Management and
Gramothan, Jaipur

Department of Mechanical Engineering

List of NPTEL Mentor

Session: July-Dec. 2020

S.No.	Mentors Name	Subject
1	Dr. Dheeraj Joshi	Manufacturing Process Technology I & II
2	Mr. Nikhil Sharma	Introduction to Fluid Mechanics
3	Mr. Vinay Singh Marwal	Fundamental of Welding Science and Technology
4	Mr. Brij Mohan Sharma	Principles of Casting Technology
5	Mr. Praveen Saraswat	Computer Integrated Manufacturing
6	Mr. Dinesh Kumar Sharma	Concepts of Thermodynamics
7	Mohammed suhaib	Fluid Machines
8	Mr. Praveen Saraswat	Automation in Manufacturing
9	Dr. Dheeraj Joshi	Advanced Machining Processes
10	Mr. Sanjay Choudhary	Engineering Drawing and Computer Graphics
11	Mr. Nikhil Sharma	Fundamentals of Convective Heat Transfer
12	Mr. Madhukar Kumar	Principles of Management



Mr. Chandan Kumar
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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of ME)


Date. 04/08/2020

NPTEL COURSES MAPPING (Jul-Dec 2020)


B. Tech/III Semester			
S. No	Name of Subject	NPTEL course	Duration
1.	Engineering Thermodynamics	Concepts of Thermodynamics	12 weeks

B. Tech/V Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Heat Transfer	Fundamentals of Convective Heat Transfer	12 weeks

Note: This mapping is done in context with the running semester during the Jul-Dec session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.


Brij Mohan Sharma/ Chandan Kumar
(NPTEL COORDINATORS, ME DEPT.)




HOD / Dy. HOD-ME

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Mechanical Engineering)

Date. 28/01/2021

NPTEL MENTOR LIST (Jan-Apr 2021)

S.No.	Mentor Name	Course Name
1	Dr. Achin Srivastav	Operations Management
2	Dr. Achin Srivastav	Computer Integrated Manufacturing
3	Ajay Kumar Dhanopia	Product Design and Manufacturing
4	Amit Kumar Bansal	Enhancing Soft Skills and Personality
5	Arun Beniwal	Steam and Gas Power Systems
6	Brij Mohan Sharma	Principles of Casting Technology
7	Dr. Chandan Kumar	Principles of Casting Technology
8	Chandra Mohan Kumar	Enhancing Soft Skills and Personality
9	Chandra Mohan Kumar	Conduction and Convection Heat Transfer
10	Dr. Deepak kumar	Inspection and Quality Control in Manufacturing
11	Dr. Vikash gautam	Nature and Properties of Materials
12	Jitendra Kumar	Gear and Gear Unit Design : Theory and Practice
13	MADHUKAR KUMAR	Metal Cutting and Machine Tools
14	MADHUKAR KUMAR	Principles of Management
15	Dr. Manoj Kumar Sain	Inspection and Quality Control in Manufacturing
16	Namita Soni	Design Practice
17	Naveen Kumar Sain	Laws of thermodynamics
18	Nikhil Sharma	Steam and Gas Power Systems
19	Dr. Prem Singh	Metal Cutting and Machine Tools
20	Saurabh Gupta	Manufacturing Process Technology I & II
21	Sudesh Garg	Mechatronics
22	Mohammed Suhaib	Convective Heat Transfer
23	SUNIL KUMAR	Properties of Materials
24	VISHNU JANGID	Manufacturing Process Technology I & II

Brij Mohan Sharma
Brij Mohan Sharma/ Dr. Chandan Kumar
(NPTEL COORDINATORS, ME DEPT.)



Dr. Sheeraj Joshi
HOD/Dy. HOD - ME
(Dr. Sheeraj Joshi)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN
(Department of Mechanical Engineering)

Date. 05/01/2021

NPTEL COURSES MAPPING (Jan-Apr 2021)

B. Tech/IV Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Manufacturing Processes	Manufacturing Process Technology I & II	12 weeks
2	Technical Communications	Enhancing Soft Skills and Personality	8 weeks

B. Tech/VI Semester			
S. No	Name of Subject	NPTEL course	Duration
1	Computer Integrated Manufacturing System	Computer Integrated Manufacturing	12 weeks

Note: This mapping is done in context with the running semester during the Jan-Apr session. There are many other courses available, you may visit www.swayam.gov.in for information regarding all courses. For any query feel free to contact NPTEL coordinators.



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Brij Mohan Sharma/ Dr. Chandan Kumar
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HOD/ Dy. HOD - ME
(Dr. Dheeraj Joshi)

ME

Swami Keshvanand Institute of Technology,
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Department of Mechanical Engineering

LIST OF NPTEL MENTORS (Session: July-Dec 2021)

Date 03/07/2021

S. No.	Name of course	Name of mentor
1.	Automation in Manufacturing	Ajay Dhanopia ✓
2.	Principles of Management	Amit Kumar Bansal ✓
3.	Concepts of Thermodynamics	Arun Beniwal ✓
4.	Engineering Graphics and Design	Arun Beniwal ✓
5.	Refrigeration and Air conditioning	Arun Beniwal ✓
6.	Advances in welding and joining technologies	Brij Mohan Sharma ✓
7.	Fundamentals of Conduction and Radiation	Chandra Mohan Kumar ✓
8.	Manufacturing Systems Technology I & II	Dr. Achin Srivastav ✓
9.	Manufacturing Systems Technology I & II	Dr. Chandan Kumar ✓
10.	Principles of Management	Dr. Deepak Kumar ✓
11.	Rapid Manufacturing	Dr. Deepak Kumar ✓
12.	Industrial Safety Engineering	Dr. Manoj Kumar Sain ✓
13.	Basics of Materials Engineering	Dr. Vikash Gautam ✓
14.	Polymer Assisted Abrasive Finishing Processes	Dr. Vikash Gautam ✓
15.	Applied Thermodynamics	Manoj Kumar
16.	Refrigeration and Air conditioning	Manoj Kumar ✓
17.	German - I	Manoj Kumar ✓
18.	Elements of metal cutting, Machine tools, gear cutting and CNC machining	Monika Khurana
19.	Basics of Materials Engineering	Namita Soni ✓
20.	Concepts of Thermodynamics	Nikhil Sharma ✓
21.	German - I	Nikhil Sharma ✓
22.	Refrigeration and Air conditioning	Nikhil Sharma ✓
23.	Robotics	Pramod Jain ✓
24.	Fundamentals of manufacturing processes	Pramod Jain ✓
25.	Introduction to internet of things	Praveen Saraswat ✓
26.	Engineering Mechanics	Sandeep Kumar Bhaskar ✓
27.	Engineering Graphics and Design	Sanjay Bairwa ✓
28.	Engineering Drawing and Computer Graphics	Sanjay Bairwa ✓
29.	Engineering Drawing and Computer Graphics	Sanjay Choudhary ✓
30.	Fundamentals of manufacturing processes	Saurabh Gupta ✓
31.	Robotics	Sudesh Garg ✓
32.	Introduction to Mechanical Vibration	Suhaib Ansari ✓
33.	Automation in Manufacturing	Vinay Singh Marwal ✓
34.	Advances in welding and joining technologies	Vishnu Jangid ✓

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Department of Mechanical Engineering

Mapping of RTU Courses with NPTEL Courses (Session:-July-Dec 2021)

Date : 03/07/2021

S. No.	RTU Course	Sem	NPTEL course	Name of mentor
1.	Computer Added Engineering Graphics	I	Engineering Graphics and Design	Arun Beniwal and
2.	Computer Added Engineering Graphics	I	Engineering Drawing and Computer Graphics	Sanjay Bairwa and Sanjay Choudhary
3.	Engineering Thermodynamics	III	Concepts of Thermodynamics	Arun Beniwal and Nikhil Sharma
4.	Material Science	III	Basics of Materials Engineering	Dr. Vikash Gautam and Namita Soni
5.	Engineering Mechanics	III	Engineering Mechanics	Sandeep Kumar Bhaskar
6.	Principles of Management	V	Principles of Management	Amit Kumar Bansal and Dr. Deepak Kumar
7.	Heat Transfer	V	Fundamentals of Conduction and Radiation	Chandra Mohan Kumar
8.	Mechatronic Systems and Mechatronics Lab	V	Robotics	Pramod Jain and Sudesh Garg
9.	Manufacturing Technology	V	Elements of metal cutting, Machine tools, gear cutting and CNC machining	Monika Khurana

Mr. Brij Mohan Sharma

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