



**Delhi Skill and  
Entrepreneurship University** UGC Recognized

**DSEU**

**CRAFTING EXCELLENCE**

# Diploma in Electronics Engineering

Semester-wise Course Structure

JULY 2021

# Year 1 outline



Semester 1	Semester 2
Communication Skills in English	Digital literacy and business communication
Linear Algebra and Complex Variables	Differential Equations and Calculus
Applied Physics	Electrical & Electronics Workshop
Basic Electrical Engineering	Fundamentals of Programming
Fundamentals of IT	Analog Electronics - 1
Sports and Exta-Curricular Activities	Electrical Machines

# Year 2 outline



Semester 3	Semester 4
Analog Electronics - 2	Entrepreneurship and Start-ups
Digital Electronics	Analog Electronics-03
Digital Electronics	Microprocessor and Microcontroller
PCB Design and Fabrication	Fundamentals of Analog Communication
Electronic Instruments and Trouble Shooting	Minor Project
Online Course - Swayam Portal/MOOC	Online Course Swayam Portal/MOOC

# Year 3 outline



Semester 5	Semester 6
Personality developments and behavioral science	Data Communication and Networking
Consumer Electronics	Elective I: Core Subject
Antennas and Microwave Engg.,	DSD
Microcomputers and applications	MAJOR PROJECT
Summer Internship Evaluation	Elective II: Open Elective (Online)
Online Course - Swayam Portal/MOOC	Online Course - Swayam Portal/MOOC

**Elective 1:** Power Electronics | VLSI Design | Embedded System | Optical Communication | Mobile Communication | Internet of Things | Satellite Communication

**Elective 2:** Web Development Design | OOPs (C++ and JAVA)

**Note:** This outline is Specific to Communications Specialization. For other specs viz. Medical, Digital and Instrumentations, Sem 4 through Sem 6 subjects will accordingly change.



THANK YOU

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