



BITS Pilani
Dubai Campus

ONLINE SUMMER COURSES

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BITS SUMMER COURSES

S.No	Course Title	Department	Dates	Course Content
1	Circuit Simulation using Industrial Software	Electrical and Electronics Engineering	19 - 30 July 10 am - 12 noon	<ul style="list-style-type: none"> • Magic of Basic Electrical Engineering using Pspice • Introduction to Communication Engineering Era • Op-Amps for Everyone Using Multisim • Diving into Digital World • Talk on net Zero Energy Buildings • Interaction and feedback session with students
2	LINUX Concepts and Applications	Computer Science	12 - 25 July 10 - 10:45 am (Theory) 11 - 11:45 am (Lab)	<ul style="list-style-type: none"> • Introduction • Commands in Linux • Demo: Ubuntu Linux installation, virtual box • System Administration • Ubuntu Repository • Regular Expressions • Filters • Shell Programming • Theory Test (MCQs) and Lab Tests
3	Biotechnology in Health Sciences	Biotechnology	12 - 23 July 10 am - 12 noon	<ul style="list-style-type: none"> • Course Overview • Microbial Medicines • Clinical Biochemistry • Immunology • Emerging infectious diseases • Regenerative Medicine • Medicinal Plants • Biomedical Informatics • Bio Ethics • Case Studies
4	Foundation of Machine Learning and Secure Interaction	Computer Science	16 - 28 August 10 am - 12 noon	<ul style="list-style-type: none"> • Introduction to Machine Learning • Need and Necessity • Analytical Model Building • ML as a branch of Artificial Intelligence • Ideologies • Building Models and Algorithms • Introduction to number theory • Data Security • Data Processing

PAYMENT

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