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Pune University online semester examinations to be conducted from today onwards. Students appearing for the exams can visit the website for further details.

Pune University Online Semester Exams today, Check details here

Pune University Exams to be conducted in the online mode from July 12, 2021. Students appearing for the examinations can visit the official website to check the exam guidelines and the related details

...

Pune University Exams 2021 from July 12, Exam guidelines issued by university

The semester exams will be held online for objective type questions. The total duration of the exam will be one hour.

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Pune University Semester Exams Start Tomorrow: Details Here

Around 57.3 per cent students from Savitribai Phule Pune University (SPPU) appeared on Friday for the ... Out of 1, 04,233 students from science team, only 60,181 students appeared. "In Engineering, ...

57.3% SPPU students appear for mock test

Pune: More than 3,500 calls were received by the exam department of Savitribai Phule Pune University (SPPU) on the first day of second semester online examination in a proctored manner organised by th ...

SPPU second semester exam: Helpline, chatbox get 3,500 calls on Day 1

Registration for the scholarship named "Maulana Mukhtar Scholarship 2021" started in the memory of the MMANTC founder is already started. The last date of application in July 31, 2021. Only students ...

Fully Funded Scholarship for Maharashtra Students, Apply Before July 31

Varsity's updated software now allows online exam audio recording; students ask officials to fix existing glitches first ...

SPPU all ears to curb cheating

Career coach Sanjay Arora answers readers' queries Q. I am waiting for my Class XII result. I want to work with ships, but am not sure if I would like to take up Marine Engineering. Is there anything ...

Career options in marine industry

With the intention to scout young talents, country's premier defence research agency, the DRDO, has collaborated with All India Council for Technical Education (AICTE) for conducting a regular M.Tech ...

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DRDO teams up with AICTE to offer M.Tech in Defence Technologies

“These institutes were chosen based on their accreditation, technical infrastructure ... the Fab Lab concept at the College of Engineering, Pune, as far back as in 2006 where he was the director ...

49 AICTE IDEA labs to foster creativity, experiential learning on campus

Pune university will on Saturday decide on requests from many colleges wanting to shut down courses or even the entire institute because of lack of demand from students. Colleges that have been hit ...

Sharp fall in demand for engineering seats in Maharashtra

To integrate the students with the Engineering course and prepare them for advanced technical education ... MIT World Peace University, Pune. The objective of the programme is to help engineering ...

Integrated BTech after class X is aimed at seamless transition to engineering

Larry Heck will join the School of Electrical and Computer Engineering (ECE) on August 15th as a Professor, Rhesa “Ray” S. Farmer Chair and a Georgia Research Alliance Eminent Scholar. Having earned M ...

Larry Heck Appointed as Georgia Tech’s Rhesa “Ray” S. Farmer Chair and Georgia Research ...

The Savitribai Phule Pune University (SPPU), or Pune University, has released online exam guidelines. The SPPU undergraduate, postgraduate and diploma online exams will start from July 12. The exams ...

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Pune University Releases Online Exam Guidelines; Exams From July 12

PUNE, India, June 16 ... by its 300+ global clientele for pre-employment screening, IT & technical recruiting, university recruitment, lateral hiring, diversity hiring, and upskilling.

iMocha becomes the world's largest AI-powered skills assessment platform; draws praise from Microsoft CEO, Satya Nadella

Pune-based Symbiosis Institute of Technology will conclude the online registration process for SIT Engineering Entrance Exam (SITEEE) 2021 tomorrow, June 15. Interested and eligible candidates can ...

Symbiosis SITEEE 2021 applications to conclude tomorrow at set-test.org; exam on June 28

IEEE, the world's largest technical professional organization dedicated to advancing technology for humanity, announced today that it has reached an open access read and publish agreement with IReL, ...

IEEE and IReL Expand Access To Irish Technology Research with New Transformative Open Access Agreement

A world-renowned scholar in the field of mechanical metallurgy has been selected as the new department head for mechanical engineering within Mississippi State University's Bagley ... authored more ...

El Kadiri named new MSU department head in mechanical engineering

A strong system of higher education is critical to Nevada's ability to compete in the global marketplace of ideas and assist in our economic recovery' ...

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JavaScript is an important scripting language for almost every modern web application. It is simple for beginners but complex when you build a full-scale application. The book is extremely user-friendly. It assumes no programming experience and helps the students to learn the JavaScript in step by step manner with the help of illustrative examples. The first two units cover the fundamental concepts of JavaScript such as variables, operators, control structures, arrays, functions and strings. In the third unit, the concept of form and event handling is discussed. This feature of JavaScript help us to design the interactive web page with graphical user interface. In the next subsequent chapter, the book demonstrates how to create and manage cookies, how to create browser history, implementation of form validation with the help of regular expressions, creating rollover effects and creating and handling frames. At the end, the book illustrates creation of banner, management of status bar and creation of slideshows using JavaScript. This book serves the purpose of teaching JavaScript in the simplest and easiest manner.

The book presents comprehensive coverage of fundamental computer graphics concepts in a simple, lucid, and systematic way. It also introduces the popular OpenGL programming language with illustrative examples of the various functions in OpenGL. The book teaches you a wide range of exciting topics such as graphics devices, scan conversion, polygons, segments, 2D and 3D transformations, windowing and clipping, illumination models and shading algorithms, hidden line elimination algorithms, curves and fractals. The book also focuses on modern concepts like animation and gaming.

This book offers a primer on the valuation of digital intangibles, a trending class of immaterial assets. Startups like successful unicorns, as well as consolidated firms desperately working to re-engineer their business models, are now trying to go digital and to

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reap higher returns by exploiting new intangibles. This book is innovative in its design and concept since it tackles a frontier topic with an original methodology, combining academic rigor with practical insights. Digital intangibles range from digitized versions of traditional immaterial assets (brands, patents, know-how, etc.) to more trendy applications like big data, Internet of Things, interoperable databases, artificial intelligence, digital newspapers, social networks, blockchains, FinTech applications, etc. This book comprehensively addresses related valuation issues, and demonstrates how best practices can be applied to specific asset appraisals, making it of interest to researchers, students, and practitioners alike.

Wireless communications have become invaluable in the modern world. The market is going through a revolutionary transformation as new technologies and standards endeavor to keep up with demand for integrated and low-cost mobile and wireless devices. Due to their ubiquity, there is also a need for a simplification of the design of wireless systems and networks. The Handbook of Research on Advanced Trends in Microwave and Communication Engineering showcases the current trends and approaches in the design and analysis of reconfigurable microwave devices, antennas for wireless applications, and wireless communication technologies. Outlining both theoretical and experimental approaches, this publication brings to light the unique design issues of this emerging research, making it an ideal reference source for engineers, researchers, graduate students, and IT professionals.

The importance of various electrical machines is well known in the various engineering fields. The book provides comprehensive coverage of the magnetic circuits, magnetic materials, single and three phase transformers and d.c. machines. The book is structured to cover the key aspects of the course Electrical Machines - I. The book starts with the explanation of basics of magnetic circuits,

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concepts of self and mutual inductances and important magnetic materials. Then it explains the fundamentals of single phase transformers including the construction, phasor diagram, equivalent circuit, losses, efficiency, methods of cooling, parallel operation and autotransformer. The chapter on three phase transformer provides the detailed discussion of construction, connections, phasor groups, parallel operation, tap changing transformer and three winding transformer. The various testing methods of transformers are also incorporated in the book. The book further explains the concept of electromechanical energy conversion including the discussion of singly and multiple excited systems. Then the book covers all the details of d.c. generators including construction, armature reaction, commutation, characteristics, parallel operation and applications. The book also includes the details of d.c. motors such as characteristics, types of starters, speed control methods, electric braking and permanent magnet d.c. motors. Finally, the book covers the various testing methods of d.c. machines including Swinburne's test, brake test, retardation test and Hopkinson's test. The book uses plain, lucid language to explain each topic. The book provides the logical method of explaining the various complicated topics and stepwise methods to make the understanding easy. Each chapter is well supported with necessary illustrations, self-explanatory diagrams and variety of solved problems. All the chapters are arranged in a proper sequence that permits each topic to build upon earlier studies. The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting.

Engineering mechanics is the branch of the physical science which describes the response of bodies or systems of bodies to external behaviour of a body, in either a beginning state of rest or of motion, subjected to the action of forces. It bridges the gap between physical theory and its application to technology. It is used in many fields of engineering, especially mechanical engineering and civil

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engineering. Much of engineering mechanics is based on Sir Issac Newton's laws of motion. Within the practical sciences, engineering mechanics is useful in formulating new ideas and theories, discovering and interpreting phenomena and developing experimental and computational tools. Engineering mechanics is the application of applied mechanics to solve problems involving common engineering elements. The goal of this engineering mechanics course is to expose students to problems in mechanics as applied to plausibly real-world scenarios. Problems of particular types are explored in detail in the hopes that students will gain an inductive understanding of the underlying principles at work; students should then be able to recognize problems of this sort in real-world situations and respond accordingly. Our hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

The book is primarily designed to cater to the needs of undergraduate and postgraduate students of Electronics and Communication Engineering and allied branches. It also caters for fundamental requirements of professionals working on design and development of antenna and wave propagation related equipment either in research laboratories or industries or academic institutions elsewhere. The book has been written with intent to grasp the basic understanding of theoretical as well as practical aspects of electromagnetic wave propagation and antenna engineering. The text has been aptly scripted considering the requirements of average students who can easily grasp and comprehend the basics of wave propagation and radiation mechanism of varieties of antennas coupled with their critical functionalities, utilities, advantages/disadvantages without any external assistance of teachers or other reference books. The book broaches very well on

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practical methods of parametric measurements of antenna with right measuring test equipment and associated tools. The last chapter of the book is dedicated to advance technology adopted in design and development of modern antenna. Key features • A fairly large number of well labelled diagrams to provide practical understanding of the concepts. • The placement of numericals at appropriate places develops confidence among readers and enthruses them further to read in depth to crack any regular or competitive examinations. • Chapter summary highlights important points for quick recap and revision before examination. • Well-crafted multiple choice questions with answers at the end of each chapter to stimulate thought process and prepare better for viva-voce and competitive examinations. • Appropriate number of unsolved numerical problems with answers to improve problem solving skill of students.

The first book on Prognostics and Health Management of Electronics Recently, the field of prognostics for electronic products has received increased attention due to the potential to provide early warning of system failures, forecast maintenance as needed, and reduce life cycle costs. In response to the subject's growing interest among industry, government, and academic professionals, this book provides a road map to the current challenges and opportunities for research and development in Prognostics and Health Management (PHM). The book begins with a review of PHM and the techniques being developed to enable a prognostics approach for electronic products and systems. building on this foundation, the book then presents the state of the art in sensor systems for in-situ health and usage monitoring. Next, it discusses the various models and algorithms that can be utilized in PHM. Finally, it concludes with a discussion of the opportunities in future research. Readers can use the information in this book to: Detect and isolate faults Reduce the

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occurrence of No Fault Found (NFF) Provide advanced warning of system failures Enable condition-based (predictive) maintenance Obtain knowledge of load history for future design, qualification, and root cause analysis Increase system availability through an extension of maintenance cycles and/or timely repair actions Subtract life cycle costs of equipment from reduction in inspection costs, down time, and inventory Prognostics and Health Management of Electronics is an indispensable reference for electrical engineers in manufacturing, systems maintenance, and management, as well as design engineers in all areas of electronics.

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