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*A text book on Maths Some Ideas on Futuristic Outcome Based Education and Reforms in Accreditation: This book is a compilation of the papers written on the topic by the author with assistance from his collaborator. 1. Generic Course Outcomes for Internationally Evolving Futuristic Outcome-Based Technology Education and a Model of their Implementation 2. COFCOE: Continuous Oral Feedback Continuous Oral Evaluation for Continuous Active Learning in Outcome Based Education, Teaching, Learning and Evaluation (OBTLE) 3. Rapid Direct Attainment of Graduate Attributes through integration of Emerging Technologies Startup Business & Project Case Studies, Hackathon viva, Overview Viva and Academic Audit 4. A Minimalist Algorithm for Learning Outcome Attainment Large-scale Computation equivalent to the Canonical Algorithm for Outcome-Based Education Courses & Programs A book on Mathematics An important dictum of learning is that theoretical learning must always be supplemented by practical learning. This ensures proper understanding and comprehension besides better retention. It eliminates the phobia and makes learning fun. With this in mind the concept of activities in mathematics was introduced. This series of books caters to the above requirement. It is a sincere effort to sharpen the intellect through activity oriented learning to acquire mathematical skills and develop logical reasoning. The ebook*

version does not contain CD. The only way you can conquer a person is love, and there, the entire world is conquered. What if your world is conquered by two women, one who means the world to you and the one for whom you mean the world? 'A Journey with 2 angels' is a romantic ride that will excite you, shake you, tickle you and make you feel alive. When Anil gets admission in PEC, he can't wait to start his new life. He falls in love at first sight with the college diva, Sanjana. Anil leaves no stone unturned to get her attention. With his sincerity, Anil is successful in winning Sanjana's heart. Unexpected consequences change their love story and bring it to a dead end leaving both devastated. But there is something called destiny. The strong headed Nitya comes to Anil's life uninvited, becomes a medicine for his past and turns his world upside down. Change is inevitable. Anything that's wrong yesterday can become right today and whatever is right now, it might be wrong the next moment. Just when Anil starts falling for Nitya, his first love comes back after 4 years. Anil is torn between his past and present. His heart is conflicted, but he must make a choice. He is left with a choice of not choosing anything, but only situations around him starts choosing everything. What will your heart do? Between choosing the one whom you loved more than anything in your past or the one for whom you mean the world now? About The Author: Anil Kallagunta is born and brought up in Kanigiri, a small town in Andhra Pradesh. He completed his graduation from Pondicherry University. He is currently working as a Consultant in Deloitte, Hyderabad. Although he wanted to do his MBA, destiny landed him into entertainment Industry. He started his first novel 'A Journey with 2 Angels' in 2017 and took almost 3 years to complete the story. Apart from his software job and novel writing, he worked as an Assistant Director for two movies in Tollywood. He dreams to become a Director in his life. This book is primarily designed to serve as a textbook for undergraduate

students of electrical, electronics, and computer engineering, but can also be used for primer courses across other disciplines of engineering and related sciences. The book covers all the basic aspects of electronics engineering, from electronic materials to devices, and then to basic electronic circuits. The book can be used for freshman (first year) and sophomore (second year) courses in undergraduate engineering. It can also be used as a supplement or primer for more advanced courses in electronic circuit design. The book uses a simple narrative style, thus simplifying both classroom use and self study. Numerical values of dimensions of the devices, as well as of data in figures and graphs have been provided to give a real world feel to the device parameters. It includes a large number of numerical problems and solved examples, to enable students to practice. A laboratory manual is included as a supplement with the textbook material for practicals related to the coursework. The contents of this book will be useful also for students and enthusiasts interested in learning about basic electronics without the benefit of formal coursework. An important dictum of learning is that theoretical learning must always be supplemented by practical learning. This ensures proper understanding and comprehension besides better retention. It eliminates the phobia and makes learning fun. With this in mind the concept of activities in mathematics was introduced. This series of books caters to the above requirement. It is a sincere effort to sharpen the intellect through activity oriented learning to acquire mathematical skills and develop logical reasoning. The ebook version does not contain CD. Chapter Navigation Tools • CBSE Syllabus : Strictly as per the latest CBSE Syllabus dated: April 21, 2022 Cir. No. Acad-48/2022 Latest Updates: 1. All new topics/concepts/chapters were included as per the latest curriculum. 2. Self Assessment papers for practice • Revision Notes: Chapter wise & Topic wise • Exam Questions: Includes

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further subdivided into chapters. The content has been arranged in such a way that it provides explanation complimented by numerous tables, flowcharts and abundant illustrations. • Complete and up-to-date text • Illustrated by more than 1000 clear line diagrams • Complemented with numerous tables and flowcharts for quick comprehension • Balanced amalgamation of pure and applied text • Applied aspects, highlighted in boxes. • Additional important information has been highlighted as important notes • For self-assessment of the subject, the questionnaire and viva-voce questions are given at the end of each chapter as self-assessment

Over the most recent couple of years, the importance of undergraduate technical education has grown amid a huge industrial revolution in our country. More refined and recently discovered super-specific topics are being introduced instead of old ones while modifying the course curriculum. In the new course curriculum, more noteworthy accentuation is laid on the basic science subjects and, on the need, to develop in-depth knowledge about the fundamentals of any particular area of academic interest. Keeping all this in mind, and utilizing my long experience as a teacher in a technical college under a technical university, I have ventured to write this book titled, *Engineering Chemistry Laboratory Manual*. In this book, all experiments are explained as per the JNTU syllabus for the first-year students of B.Tech. These are supplemented with theoretical explanations followed by procedure description, tabulation, calculation, sample calculation, and finally a series of possible viva-voce questions and their answers relating to that experiment. This book will certainly help all B.Tech./B.E. students to do well in their viva voce while completing their experiments cum examinations. It will also serve as a textbook in Chemistry practical examinations for any student in the laboratory. I sincerely hope that this book will receive full appreciation from both students and teachers. With the NEP 2020

and expansion of research and knowledge has changed the face of education to a great extent. In the Modern times, education is not just constricted to the lecture method but also includes a practical knowledge of certain subjects. This way of education helps a student to grasp the basic concepts and principles. Thus, trying to break the stereotype that subjects like Mathematics, and Science means studying lengthy formulas, complex structures, and handling complicated instruments, we are trying to make education easy, fun, and enjoyable. With the NEP 2020 and expansion of research and knowledge has changed the face of education to a great extent. In the Modern times, education is not just constricted to the lecture method but also includes a practical knowledge of certain subjects. This way of education helps a student to grasp the basic concepts and principles. Thus, trying to break the stereotype that subjects like Mathematics, and Science means studying lengthy formulas, complex structures, and handling complicated instruments, we are trying to make education easy, fun, and enjoyable. This manual covers in details the theory and practices of - Carpentry and Pattern Making Shop - Foundry Shop - Smithy and Forging Shop - Machine Shop - Welding Shop - Electrical and Electronic Shops - Sheet Metal Shops - Fitting Shop. The book covers the complete syllabus of subject as suggested by most of the universities in India. Proper balance between mathematical details and qualitative discussion. Subject matter in each chapter develops systematically from inceptions. Large number of carefully selected worked examples in sufficient details. Each chapter of the book is saturated with much needed test supported by neat and self-explanatory diagrams to make the subject self-speaking to a great extent. No other reference is required. Ideally suited for self-study. This manual presents 31 laboratory-tested experiments in hydraulics and hydraulic machines. This manual is organized into two parts. The first part

*equips the student with the basics of fluid properties, flow properties, various flow measuring devices and fundamentals of hydraulic machines. The second part presents experiments to help students understand the basic concepts, the phenomenon of flow through pipes and flow through open channels, and the working principles of hydraulic machines. For each experiment, the apparatus required for conducting the experiment, the probable experimental set-up, the theory behind the experiment, the experimental procedure, and the method of presenting the experimental data are all explained. Viva questions (with answers) are also given. In addition, the errors arising during recording of observations, and various precautions to be taken during experimentation are explained with each experiment. The manual is primarily designed for the undergraduate degree students and diploma students of civil engineering, mechanical engineering and chemical engineering. CBSE Sample Paper Class 11 English Core, Physics, Chemistry & Biology for Exams 2022-2023 is one of the best CBSE Reference Books for Class 11 exams 2022-23. It includes 10 Sample Papers which gets further divided into comprises 5 solved and 5 self-assessment papers for out-and-out preparation for better results. This best CBSE Reference Books for Class 11 exams 2022-23 is designed strictly as per the latest CBSE sample paper guidelines and marking schemes released CBSE officials. CBSE Sample Paper Class 11 English Core, Physics, Chemistry & Biology Exams 2022-2023 contain the latest solved CBSE sample papers for 2023 exams with marking schemes to help students get familiar with the exam pattern for comprehensive learning. To make learning simpler for CBSE class 11 students, 5 CBSE Sample Question Papers with high percentage to appear in exam are included in this best CBSE Reference Books for Class 11 exams 2022-23. It include enhanced learning tools such as CBSE Exam 2023 Sample Paper*



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*Tips Notes and Revision Notes for robust preparation. This best CBSE Reference Books for Class 11 exams 2022-23 contains valuable Mind Maps & Mnemonics which comes with 500+ concepts for blended learning. CBSE Sample Paper Class 11 English Core, Physics, Chemistry & Mathematics Exams 2022-2023 includes 200+MCQs and Objective Type Questions for thorough practice to best results in CBSE class 11 exams 2023. While going through this best CBSE Reference Books for Class 11 exams 2022-23, you need to align questions according to their difficulty level. It's believed to be the best way to understand your strengths and weaknesses while solving CBSE Sample Paper Class 11. With the best CBSE Sample Paper Class 11 English Core, Physics, Chemistry & Mathematics Exams 2022-2023, getting familiar with the areas that need your focus and the areas which are your strength becomes easier. "This book presents current developments in the multidisciplinary creation of Internet accessible remote laboratories, offering perspectives on teaching with online laboratories, pedagogical design, system architectures for remote laboratories, future trends, and policy issues in the use of remote laboratories"--Provided by publisher. an accompanying interactive DVD which contains a wealth of supplementary material including a procedures and equipment library, case based scenarios to aid recall of important facts and a summary of important critical care literature. Community Medicine Preparatory Manual for Undergraduates, 3rd Edition - E-Book A text book on Maths Lab Manual This book is evolved from the experience of the author who taught all lab courses in his three decades of teaching in various universities in India. The objective of this lab manual is to provide information to undergraduate students to practice experiments in electronics laboratories. This book covers 118 experiments for linear/analog integrated circuits lab, communication engineering lab, power electronics lab, microwave*

lab and optical communication lab. The experiments described in this book enable the students to learn:

- Various analog integrated circuits and their functions
- Analog and digital communication techniques
- Power electronics circuits and their functions
- Microwave equipment and components
- Optical communication devices

This book is intended for the B.Tech students of Electronics and Communication Engineering, Electrical and Electronics Engineering, Biomedical Electronics, Instrumentation and Control, Computer Science, and Applied Electronics. It is designed not only for engineering students, but can also be used by BSc/MSc (Physics) and Diploma students.

**KEY FEATURES**

- Contains aim, components and equipment required, theory, circuit diagram, pin-outs of active devices, design, tables, graphs, alternate circuits, and troubleshooting techniques for each experiment
- Includes viva voce and examination questions with their answers
- Provides exposure on various devices

**TARGET AUDIENCE**

- B.Tech (Electronics and Communication Engineering, Electrical and Electronics Engineering, Biomedical Electronics, Instrumentation and Control, Computer Science, and Applied Electronics)
- BSc/MSc (Physics)
- Diploma (Engineering)

This is a textbook for upper undergraduate and graduate courses on microwave engineering, written in a student-friendly manner with many diagrams and illustrations. It works towards developing a foundation for further study and research in the field. The book begins with a brief history of microwaves and introduction to core concepts of EM waves and wave guides. It covers equipment and concepts involved in the study and measurement of microwaves. The book also discusses microwave propagation in space, microwave antennae, and all aspects of RADAR. The book provides core pedagogy with chapter objectives, summaries, solved examples, and end-of-chapter exercises. The book also includes a bonus chapter which serves as a lab manual with 15

*simple experiments detailed with proper circuits, precautions, sample readings, and quiz/viva questions for each experiment. This book will be useful to instructors and students alike. Goyal Brothers Prakashan Lab Manual*

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