

IEI

epitome

February 2016, Volume 1, Number 1

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President Speaks



Mr H C S Berry

Dear Members of IEI,

I take this opportunity to announce that The Institution of Engineers (India) is launching IEI epitome, the e-Newsletter dedicated to the Corporate and Institutional Members of this august body where they can share their thoughts, experiences, achievements, success stories, opinion feedback etc. It has been decided that this IEI epitome will be made available through IEI website on a monthly basis.

The IEI epitome will cover :

- a) Achievement of Corporate Members*
- b) Achievement of Institutional/Donor Members*
- c) Papers published/Presented by Corporate Members in Journals/Seminars/Conferences in the recent past*
- d) Forthcoming Programmes by Institutional Members*
- e) Book Review*
- f) Members' Arena (feedback /opinion of members)*

In the light of the above, we shall be glad to receive soft copies of suitable concise matters along with the latest photograph of the member with membership number and grade for possible inclusion in the IEI epitome.

Please send matters as mentioned above by e-mail to newsletter@ieindia.org. The text duly scrutinized by the appropriate committee will be taken up for publication.

With warm regards

H C S Berry
President

The Institution of Engineers (India)

Members

in the News



Mr. M. K. Jadav became the Secretary of Water Resource Management

Mr. M. K. Jadav, FIE, Past Chairman, Gujarat State Centre, IEI and Past Chairman, Board of Governors, Water Management Forum, IEI has been promoted as the Secretary to the Water Resources Department, Government of Gujarat.



Dr. Anirban Basu elected as President of Computer Society of India

Dr Anirban Basu, FIE and Former Council Member, IEI has been elected as the President of Computer Society of India (CSI) for the period 2016-2017.

Dr Anirban Basu is a dynamic executive based in Bangalore with more than 35 years experience in Academia, Advanced Research & Development, Commercial Software Industry, Consultancy and Corporate Training.



Dr. B. K. Saxena received 'Outstanding Contribution to Maritime Education and Training' Award

Dr. Brijendra Kumar Saxena, FIE, Former Chairman, Marine Engineering Division Board, IEI; Committee Member, Pune Local Centre, IEI and Principal, Tolani Maritime Institute, was awarded with the 'Outstanding Contribution to Maritime Education & Training Award' by the National Maritime Day Celebrations Committee, Government of India on the National Maritime Day, 5th April, 2015 at Y B Chavan Auditorium, Mumbai. The award was presented to Dr Saxena by Dr. Visvapati Trivedi, Chairman, National Shipping Board, Government of India.

Members

in the News



Prof. (Dr) S C Naik

Prof (Dr.) S. C. Naik, Past President, IEI was invited to address six major Technical Events during 2014-15. The last was a Workshop of ABET and address delivered in Dubai on the topic 'Engineering Education in India, its Assessment and Accreditation.'

Dr. Wooday P. Krishna, FIE, Council Member, IEI, has been elected unanimously as National President of The Indian Institution of Production Engineers for the year 2015-2016.



Dr Prakash Chand Jain, a Fellow of The Institution of Engineers (India) and Eminent Scientist with Hyderabad based Defence Research & Development Laboratory received the prestigious 'Dr Biren Roy Space Science and Design' award. In a recently held function at Bangalore, Governor of Karnataka, His Excellency Shri Vajubhai Vala presented the award to Dr. Jain. Dr Jain an alumnus of IIT Roorkee, IIT Bombay and BOYSCAST (DST), Fellow from Pennsylvania State University USA is highly accomplished and internationally known expert in the areas of Structures Technologies. He is also Fellow of Aeronautical Society of India. Currently he is associated with Indian Institute of Technology Delhi as AICTE INAE Distinguished Visiting Professor. Dr Jain during past 24 years made significant contributions in the areas of Space Sciences through application to the country's flagship programs.



Governor of Karnataka, His Excellency Shri Vajubhai Vala presenting the 'Dr Biren Roy Space Science and Design' award to Dr Prakash Chand Jain Scientist DRDL, Hyderabad

Members

in the News



Mr Pradeep Chaturvedi, Council Member, IEI was invited to speak to industrialist in Dubai by the Indian Consul General.

Photographs showing Mr Chaturvedi addressing the participants (left) and receiving felicitation (right).



The Board of International Journal of Computer Applications (IJCA) has informed that the research work presented in the paper titled, "Application of DGS in Microstrip Patch Antenna," published in IJCA Proceedings ICAET 2015(8):10-12, August 2015, authored by Sushil Kakkar, A. P. Singh, FIE and T. S. Kamal, FIE is a testimony of the fact that the concepts proposed in this paper will be deemed as an invention by the authors with effect from September 1, 2015. The authors in this work presented a Microstrip Patch Antenna with the inclusion of Defected Ground Structure (DGS) beneath Feeding Strip. A critical simulation study conducted using IE3D Electromagnetic Simulator revealed that the proposed antenna with DGS provides better impedance matching and wider bandwidth than its original structure. As far as design of antenna is concerned, area of the defect is a crucial parameter to be considered in Microwave Integrated Circuits. Because small defects in respect of operating bandwidth is always desirable to make the design smaller in size, leaving area to integrate other microwave components. The most commonly utilized DGS structure was traditional dumbbell shaped DGS, but larger etching area is required to generate a wider band. However, the proposed work has been successful to decrease the DGS size considerably when compared to the most compact designs published so far.



T. S. Kamal, FIE



A. P. Singh, FIE

Members

in the News



Dr. Nutan Kumar Dash, FIE, Past Chairman, Odisha State Centre, IEI; Past-Chairman, Agricultural Engineering Division Board, IEI as well as Former Member of IEI Council and Consulting Editor of Agricultural Engineering Division part of Institution Journal, has been elected as the Vice-President of the Indian Society of Agricultural Engineers, New Delhi.

Mr. P R Seshadri, FIE, Former Council Member, IEI and Past Chairman, Tamil Nadu State Centre has been elected as National President of Indian Institution of Technical Arbitrators (IIT Arb.) for the term 2015-2017.



Shri P. K. Das Memorial Best Faculty Award 2015

Dr. E. K. Mohanraj, Member of The Institution of Engineers (India) and Dean, Civil Engineering, Nandha Engineering College has been awarded the 'Shri P. K. Das Memorial Best Faculty Award 2015' in the Civil Engineering Stream (Senior Category) from Nehru Group of Institutions, Coimbatore on 15th December, 2015 at Nehru Arts and Science College, Coimbatore.

'Shri P. K. Das Memorial Best Faculty & Life Time Achievement Award' had been awarded for the past six years on various streams in Engineering and Arts &

Science in memory of Shri P. K. Das, Founder of Nehru Group of Institutions, Coimbatore and Kerala.



Dr. E. K. Mohanraj, Dean - Civil Engineering, Nandha Engineering College receiving the Shri. P. K. Das Memorial Best Faculty Award 2015 from Nehru Group of Institutions, Coimbatore on 15.12.2015



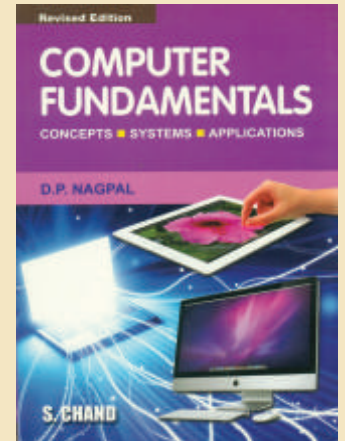


Book Review

Computer Fundamentals

Computer is an important part of human's life, whether it is in personal life or in one's work place. Some experts think that eventually, the person who does not know how to use a computer would be just as handicapped in performing his or her job and as the person who can not read. This book adopts an easy-to-use, reader-friendly format. It links theoretical concepts to practical, application oriented real life situations. It also comprises useful coverage on relevant topics, such as, computer arithmetic, computer languages, database concepts, data structures, Boolean algebra and logic circuits, data communications, computer networking, internet, e-commerce, ERP etc.

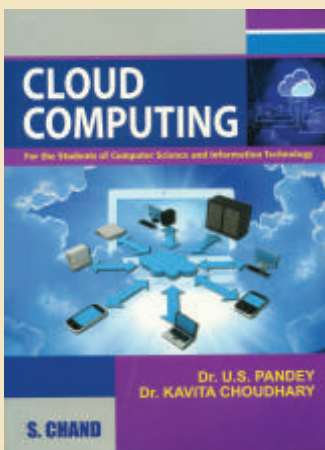
Author : D. P. Nagpal; Available at: S. Chand & Company, e-mail : info@schandgroup.com; Price: Rs. 525/-



Cloud Computing

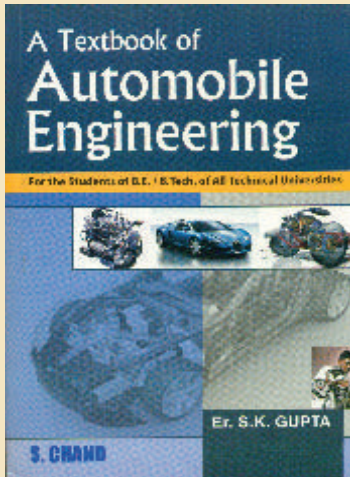
Cloud Computing is the biggest buzz in the computer world. It is the latest evolution of computing where IT resources are offered as services. Cloud computing describes the manner in which it manages the services like Infrastructure-as-a-service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS). It provides an efficient environment which provides flexibility, scalability, high-performance computing. The growth and development of cloud computing is where apps or data are accessible on the Internet instead of on a single computer or network. Online payment, customer self-scheduling, data storage and accounting software are some examples of cloud-based services. This book is designed for the students of computer science and information technology. Professionals will also find this book interesting and useful in their day-to-day practice.

Authors : Dr. U S Pandey & Dr. Kavita Choudhary; Available at : S. Chand & Company, e-mail: info@schandgroup.com; Price : Rs. 250/-





Book Review



A Text Book of Automobile Engineering :

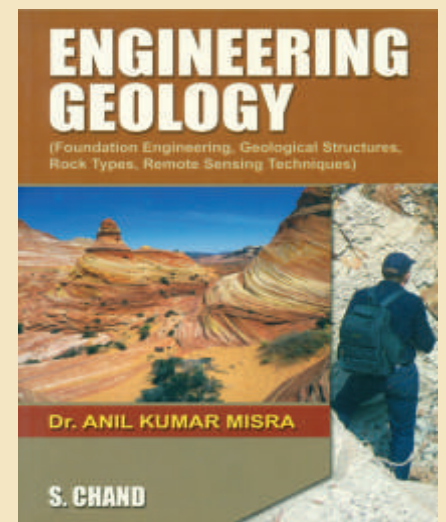
The above named treatise book is intended for the use of students of B.E./B.Tech of all Indian and foreign Universities. The subject matter is presented in the most concise, to-the-point and lucid manner. The book contains well-graded examples, most of them are taken from the recent examination papers of Indian and Foreign Universities. In order to make the book more useful for the students, objective type questions with answers are added at the end of each chapter, which can also be utilized for appearing in interviews and competitive examinations. This book is useful as reference for the professionals working in automobile industry.

Author : S. K. Gupta; Available at : S. Chand & Company, e-mail : info@schandgroup.com; Price : Rs. 450/-

Engineering Geology

Engineering Geology is one of the most important subjects of civil engineering, earth sciences and applied geology. It provides solutions to several foundation engineering problems and geological hazards. The major aim of compiling this book is to give a working knowledge of the important details of foundation engineering, geological structures, rock types, remote sensing techniques, used in different types of geological investigations and civil engineering, including the origin of rocks, their characteristics and strength, several rock defects and structures and uses in the industry. The book is written in a clear and easy-to-read style presenting the fundamentals of geological setting, structures and phenomenon at a level that can be quickly grasped by a beginner. This book deals with modern techniques and instruments, such as, remote sensing and GIS, GPS and geophysical survey field procedures. The book discusses different branches of geology, earths internal structure, composition of the earth, hydrogeology, geological structures and their impact on terrain stability and solution of several engineering problems related with stability and suitability of site for construction. The text is supported by a number of illustrations and diagrams for better understanding of the concepts discussed.

Author : Dr. Anil Kumar Misra; Available at : S. Chand & Company, e-mail : info@schandgroup.com; Price : Rs.200/-





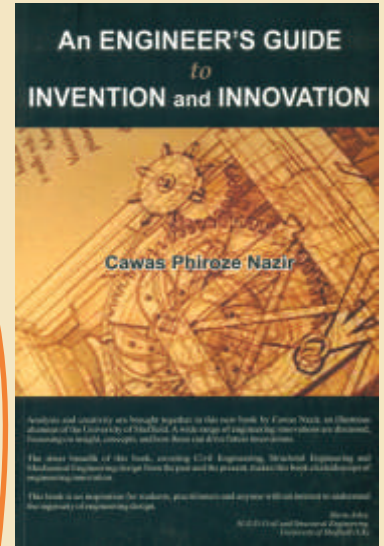
Book Review

An Engineer's Guide to Invention and Innovation

In today's competitive world, Innovation and creativeness is the key to success. Engineers have a special responsibility towards improving the lives of people by creating solutions to mankind's myriad needs. This book was written for the students, practicing engineers and designers in various fields, to show how could they develop their latent creative skills to produce inventive solutions.

This book is divided into four parts. The first part has an introductory note covering Engineers and Inventions. The second part contain examples of structures and technologies where the problem is defined, the overall concept to arrive at a creative solution is given, the development of the design and the resulting advantages. The third part covers products and technologies where innovative solutions led to new and useful improvements for which complete specifications were filed to obtain patents. Part four deals with the innovation process that describes the process of effectively planning the technical, marketing and business development of the new technology.

Author : Cawas Phiroze Nazir; Available at : UNICORN BOOKS, e-mail : info@unicornbooks.in; Price : Rs. 275/-



Manual for Protection of Steel Structures by Painting for Different Environments

By Institute for Steel Development and Growth (INSDAG)

Steel is the backbone of all industries and the basic ingredient for growth and development of a country. Traditionally, the fortunes of the steel industry have been linked to the economic cycle of the country. Per capita consumption of steel speaks volumes about the relative position of the country on the development frontier. In India the per capita consumption of steel stands low compared to developed and developing countries. Moreover steel is completely recyclable and environment friendly. Hence a large potential exists in furthering the usage of steel in various segments of industry. Institute of Steel Development & Growth (INSDAG), ISO 9001:2008 certified a non-profit making, member based organization established by Ministry of Steel and the major steel producers of the country. Some of its roles are :

- Creating awareness amongst potential users on affordability of steel.
- Bringing out technical publication on steel applications.
- Providing technical advisory services on materials, construction practices etc.
- Upgrading the skills of work force by refresher courses / training programmers.
- Communicating the benefits of steel through life cycle cost studies.
- Providing requisite thrust to increase steel consumption in rural areas.

Available at: Institute for Steel Development and Growth (INSDAG); Price : Rs. 1000.00



New Institutional Members

(From April 01, 2015 to December 31, 2015)

Siddaganga Institute of Technology

Tumkur, Karnataka

Kuppam Engineering College

Kuppam, Andhra Pradesh

Mepco Schlenk Engineering College

Tamil Nadu

E G S Pillay Engineering College

Nagapattinam

Vidya Pratishthan's College of Engineering Baramati

Pune, Maharashtra

Velammal College of Engineering & Technology

Viraganoor, Madurai

Usha Rama College of Engineering & Technology

Andhra Pradesh

SNS College of Technology

Coimbatore, Tamil Nadu

Ahalia School of Engineering & Technology

Palakkad, Kerala

Saveetha Engineering College

Chennai, Tamil Nadu

Jaipur National University

Jaipur, Rajasthan

Asansol Engineering College

Burdwan, West Bengal

Einstein College of Engineering

Tirunelveli, Tamil Nadu

ACS College of Engineering

Bengaluru

KPR Institute of Engineering & Technology

Coimbatore

R K University

Rajkot, Gujarat

New Institutional Members

(From April 01, 2015 to December 31, 2015)

Aryanet Institute of Technology

Palakkad, Kerala

Bidea's V P Dr P G Halakatti College of Engg & Technology

Vijayapur

Gitam University

Visakhapatnam

Joseph Sriharsha & Mary Indraja Educational Society

Nalgonda Dist

Gandhi Institute of Engineering & Technology

Odisha

Sethu Institute of Technology

Tamil Nadu

Gudlavalleru Engineering College

Andhra Pradesh

Nettur Technical Training Foundation

Bengaluru

B.K.Birla Institute of Engineering & Technology

Pilani, Rajasthan

B.S Abdur Rahman University

Chennai, Tamil Nadu

SRM Easwari Engineering College

Chennai, Tamil Nadu

Kalaignar Karunanidhi Institute of Technology

Coimbatore, Tamil Nadu

FR. C. Rodrigues Institute of Technology

Mumbai, Maharashtra

J.K.Lakshmipat University

Jaipur, Rajasthan

KCG College of Technology

Chennai, Tamil Nadu

Agni College of Technology

Chennai, Tamil Nadu

New Institutional Members

(From April 01, 2015 to December 31, 2015)

School of Technology

Gandhinagar

Sahyadri College of Engineering & Management

Mangalore

National Institute of Technology Trichi

Tiruchirapalli, Tamil Nadu

Srinivasa Ramanujan Institute of Technology

Anathapuram

G V P College for Degree and PG Courses

Visakhapatnam, Andhra Pradesh

N S S College of Engineering

Palakkad, Kerala

Central Librery Tripura University

Agartala, Tripura

Marwadi Education Foundation

Rajkot, Gujarat

VSS University of Technology

Sambalpur, Odisha

Hindusthan College of Engineering & Technology

Coimbatore, Tamil Nadu

Prestige Institute of Engineering & Management

Indore, Madhya Pradesh

Orissa Engineering College

Jalani, Bhubaneswar

East West Institute of Technology

Bengaluru

Shri Vishnu Engg College for Women

West Godavvari, Andhra Pradesh

Lendi Institute of Engg & Technology

Jonnada, Andhra Pradesh

Announcements

National Conference on 'Sustainable Computing and Communication for Development (NCSC²D)'

February 12-13, 2016

Organised by:

Prof. Ram Meghe Institute of Technology & Research
Badnera, Amravati M S, Pin: 444701
Ph: (0721) 268 1246; e-mail: principal@mitra.ac.in

National Seminar on 'Advancement in Metrology'

February 27, 2016

Organised by:

The New Horizons Institute of Technology, Durgapur, West Bengal
Ph: 93320 38481/8482/8488; e-mail: dgp_nhit@yahoo.com

National Workshop on 'Modern Technology for Rural Road Construction'

February 25 - 26, 2016

Organised by:

Raajdhani Engineering College, Bhubaneswar, Ph : 9337394423
e-mail: rec_bbsr@yahoo.co.in

National Level Conference on 'Recent Trends and Challenges in Engineering Research'

March 25-26, 2016 :

Organised by:

**Einstein College of Engineering, Sir C. V. Raman Nagar,
Seethaparpanallur, Tirunelveli, Tamilnadu, Pin: 627012.
Ph: (0462) 248 7111/7112**

Announcements

National Conference on 'Recent Trends in Mechanical Engineering'

April 2016

Organised by:

Vemana Institute of Technology, Bangalore, Karnataka

e-mail: smohan1974@gmail.com

National Conference on 'MECHORIZON-16'

May 11, 2016

Organised by:

New Horizon College of Engineering, Bangalore 560 087

Ph: (080) 6629 7777; e-mail: nhceoffice@newhorizonindia.edu

International Conference on 'Challenges in Domestic and International Commercial Arbitration in India'

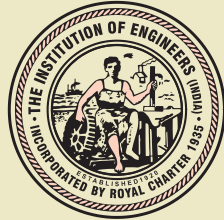
September 23-24, 2016

Organised by:

Indian Institution of Technical Arbitrators, Chennai 600 004

Ph : 098402 89672, 094441 64951; e-mail: iitarb2003@gmail.com

Announcements



The Institution of Engineers (India)

8, Gokhale Road, Kolkata 700020

Approval of AICTE for AMIE Passouts with M.E./M.Tech for Teaching Assignments

It is hereby informed that All India Council for Technical Education (AICTE), through Extraordinary Gazette notification, part III, Section 4 published by Government of India on 06 January 2016, clarified under item (E) Miscellaneous Issues, S.No. 67, page 31 (in Hindi, Page 12, S. No.67) that passing Sections A & B examinations (AMIE), along with M.E./M.Tech degree acquired through contact mode (i.e. regular/part time), is accepted for the appointment as a faculty in Technical Education.

Ref:http://www.aicte-india.org/downloads/clarification_2016.pdf#toolbar=0

Issued by
Secretary & Director General Incharge
for and on behalf of The Institution of Engineers (India)

Disclaimer : The information contained in IEI-epitome has been prepared solely for the purpose of providing information about the members of IEI to interested parties, and is not in any way binding on IEI.

IEI-epitome has been compiled in good faith by IEI, but no representation is made or warranty given (either express or implied) as to the completeness or accuracy of the information it contains. You are therefore requested to verify this information with the concerned person/organization before you act upon it.

IEI epitome

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