
School Of Engineering Cochin University Of Science And

ICDAM 2021

Basic Mechanical Engineering (MGU) Kerala

Proceedings of Research and Applications in Artificial Intelligence

First International Conference, TMM_CH 2018, Athens, Greece, October 10–13, 2018, Revised Selected Papers, Part II

Advances in FRP Composites in Civil Engineering

Advances in Computer Science and Information Technology. Computer Science and Engineering

First International Conference, ACC 2011, Kochi, India, July 22-24, 2011. Proceedings

A Compilation of the Invited Talks Delivered at MOTE 2010, ISTE Short Term Training Program (SF) 18-30 October, 2010

Proceedings of the Selected Papers of National Conference Held at School of Engineering, Cochin University of Science and

Technology, Kochi, Kerala, India During December 13-15, 2013

Recent Advances in Structural Engineering

Advances in Distributed Computing and Machine Learning

5th European Conference of the International Federation for Medical and Biological Engineering 14 - 18 September 2011, Budapest, Hungary

Theory Of Automata

Evolutionary Computing and Mobile Sustainable Networks

Biomimetics, Energy Conservation and Sustainability

Sustainable Intelligent Systems

Advances in Sustainable Construction Materials

RAAI 2020

Proceedings of IGC 2018

Proceedings of the Third ICICSE, 2015

Proceedings of the International Conference on Transformations in Engineering Education

Methods and Applications

IGC 2016 Volume 3

Proceedings of SECON 2020

Handbook of Universities

Proceedings of ICCVBIC 2021

Select Proceedings of ASCM 2020

INC 2020

Structural Engineering and Construction Management

Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage

Proceedings of ICECMSN 2021

Select Proceedings of ISED 2021

Advances in Electrical and Computer Technologies

Artificial Intelligence Driven Circuits and Systems

Proceedings of the 5th International Conference on FRP Composites in Civil Engineering (CICE 2010), Sep 27-29, 2010, Beijing, China

Sustainable Waste Management: Policies and Case Studies

Second International Conference, CCSIT 2012, Bangalore, India, January 2-4, 2012. Proceedings, Part II

Soil Dynamics and Earthquake Geotechnical Engineering

Proceedings of Data Analytics and Management

Modelling and Optimization Techniques in Engineering (MOTE)

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ICDAM 2021 Elsevier

This book presents select proceedings of National Conference on Advances in Sustainable Construction Materials (ASCM 2020) and examines a range of durable, energy-efficient, and next-generation construction materials produced from industrial wastes and by-products. The topics covered include sustainable materials and construction, innovations in recycling concrete, green buildings and innovative structures, utilization of waste materials in construction, geopolymer concrete, self-compacting concrete by using industrial waste materials, nanotechnology and sustainability of concrete, environmental sustainability and development, recycling solid wastes as road construction materials, emerging sustainable practices in highway pavements construction, plastic roads, pavement analysis and design, application of geosynthetics for ground improvement,

sustainability in offshore geotechnics, green tunnel construction technology and application, ground improvement techniques and municipal solid waste landfill. Given the scope of contents, the book will be useful for researchers and professionals working in the field of civil engineering and especially sustainable structures and green buildings.

Basic Mechanical Engineering (MGU) Kerala Springer Nature
The book presents high-quality research papers from the Seventh International Conference on Solid Waste Management (IconSWM 2017), held at Professor Jayashankar Telangana State Agricultural University, Hyderabad on December 15–17, 2017. The conference, an official side event of the high-level Intergovernmental Eighth Regional 3R Forum in Asia and the Pacific, aimed to generate scientific inputs into the policy consultation of the Forum co-organized by the UNCRD/UNDESA, MoEFCC India, MOUD India and MOEJ, Japan. Presenting research on solid waste management from more than 30 countries, the book is divided into three volumes and addresses various issues related to innovation and implementation in sustainable waste

management, segregation, collection, transportation of waste, treatment technology, policy and strategies, energy recovery, life cycle analysis, climate change, research and business opportunities.

Proceedings of Research and Applications in Artificial Intelligence Springer Nature

This book focuses on environmental sustainability by employing elements of engineering and green computing through modern educational concepts and solutions. It visualizes the potential of artificial intelligence, enhanced by business activities and strategies for rapid implementation, in manufacturing and green technology. This book covers utilization of renewable resources and implementation of the latest energy-generation technologies. It discusses how to save natural resources from depletion and illustrates facilitation of green technology in industry through usage of advanced materials. The book also covers environmental sustainability and current trends in manufacturing. The book provides the basic concepts of green technology, along with the technology aspects, for researchers, faculty, and students.

First International Conference, TMM_CH 2018, Athens, Greece, October 10–13, 2018, Revised Selected Papers, Part II Springer

This book comprises the select proceedings of the International Conference on Recent Advances in Civil Engineering (ICRACE) 2020, held at the Cochin University of Science and Technology, Cochin, Kerala, India. The book focuses on latest research in different areas of civil engineering and lays special emphasis on sustainable construction practices. It is divided into seven major themes: (i) Modern materials and sustainable construction, (ii) Environmental engineering and management, (iii) Geotechnical engineering, (iv) Health, safety and environment, (v) Irrigation, water resources and management, (vi) Structural Engineering, and (vii) Transportation engineering and traffic planning. Given the range of the topics covered, this book can be useful for students, scholars and professionals interested in the different sub-disciplines of civil engineering.

Advances in FRP Composites in Civil Engineering Springer Nature

This two-volume set CCIS 961 and 962 constitutes the refereed post-conference proceedings of the First International Conference on Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage, TMM_CH 2018, held in Athens, Greece, in October 2018. 73 revised full papers of 237 submissions are included in these volumes. The papers of the first volume are organized in the following topical sections: the project of the rehabilitation of Holy Sepulchre's Holy Aedicule as a pilot multispectral, multidimensional, novel approach through transdisciplinary and cooperation in the protection of monuments; digital heritage; novel educational approach for the preservation of monuments; resilience to climate change and natural hazards; conserving sustainably the materiality of structures and architectural authenticity; and interdisciplinary preservation and management of cultural heritage. And the papers of the second volume are organized in the following topical sections: sustainable preservation and management lessons learnt on emblematic monuments; cross-discipline earthquake protection and structural assessment of monuments; cultural heritage and pilgrimage tourism; reuse, circular economy and social participation as a leverage for the sustainable preservation and management of historic cities; inception – inclusive cultural heritage in Europe through 3D semantic modelling; heritage at risk; and advanced and non-destructive techniques for diagnosis, design and monitoring.

Advances in Computer Science and Information Technology. Computer Science and Engineering Springer Nature

The three volume set LNICST 84 - LNICST 86 constitute the refereed proceedings of the Second International Conference on Computer Science and Information Technology, CCSIT 2012, held in Bangalore, India, in January 2012. The 70 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions and address all major fields of the Computer Science and Information Technology in theoretical, methodological, and practical or applicative aspects. The papers feature cutting-edge development and current research in computer science and engineering.

First International Conference, ACC 2011, Kochi, India, July 22-24, 2011. Proceedings Green Buildings and Sustainable Engineering Proceedings of GBSE 2018

This book highlights selected papers presented at the 10th International Symposium on Embedded Computing and System Design (ISED) 2021. This symposium provides a platform for researchers to share the latest scientific achievements of embedded computing and system design. The book is divided into three broad sections. The first section discusses topics like VLSI and testing, circuits and systems with a focus on emerging technologies. The second section discusses topics like embedded hardware and software systems and novel applications. The final section discusses the state-of-the-art technologies involving IoT, artificial intelligence, green and edge computing that demonstrates the issues currently.

A Compilation of the Invited Talks Delivered at MOTE 2010, ISTE Short Term Training Program (SF) 18-30 October, 2010 Springer

This volume brings together contributions from world renowned researchers and practitioners in the field of geotechnical engineering. The chapters of this book are based on the keynote and invited lectures delivered at the 7th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. The book presents advances in the field of soil dynamics and geotechnical earthquake engineering. A strong emphasis is placed on proving connections between academic research and field practice, with many examples, case studies, best practices, and discussions on performance-based design. This volume will be of interest to research scholars, academicians and industry professionals alike.

Proceedings of the Selected Papers of National Conference Held at School of Engineering, Cochin University of Science and Technology, Kochi, Kerala, India During December 13-15, 2013 Springer Nature

Organized by Division of Electronics Engineering, School of Engineering, Cochin University of Science and Technology, Kochi.

Recent Advances in Structural Engineering Springer Nature

This book gathers peer-reviewed contributions presented at the 1st International Conference on Structural Engineering and Construction Management (SECON'20), held in Angamaly, Kerala, India, on 14-15 May 2020. The meeting served as a fertile platform for discussion, sharing sound knowledge and introducing novel ideas on issues related to sustainable construction and design for the future. The respective contributions address various aspects of numerical modeling and simulation in structural engineering, structural dynamics and earthquake engineering, advanced analysis and design of foundations, BIM, building energy management, and technical project management. Accordingly, the book offers a valuable, up-to-date tool and essential overview of the subject for scientists and practitioners alike, and will inspire further investigations and research.

Advances in Distributed Computing and Machine Learning Springer Nature

The book comprises select proceedings of the first International Conference on Advances in Electrical and Computer Technologies

2019 (ICAECT 2019). The papers presented in this book are peer reviewed and cover wide range of topics in Electrical and Computer Engineering fields. This book contains the papers presenting the latest developments in the areas of Electrical, Electronics, Communication systems and Computer Science such as smart grids, soft computing techniques in power systems, smart energy management systems, power electronics, feedback control systems, biomedical engineering, geo informative systems, grid computing, data mining, image and signal processing, video processing, computer vision, pattern recognition, cloud computing, pervasive computing, intelligent systems, artificial intelligence, neural network and fuzzy logic, broad band communication, mobile and optical communication, network security, VLSI, embedded systems, optical networks and wireless communication. This book will be of great use to the researchers and students in the areas of Electrical and Electronics Engineering, Communication systems and Computer Science.

5th European Conference of the International Federation for Medical and Biological Engineering 14 - 18 September 2011, Budapest, Hungary Springer Nature

The Third Revised And Enlarged Edition Of The Directory Of Libraries In India Contains Much Larger Number Of Addresses Of Libraries In India. Special Chapters Have Been Added On Addresses Of Institutions Offering Courses On Important Subjects Like Management, Medicine And Nursing, Engineering And Technology, Architecture, Law, Sports Etc. It Is Hoped That The Directory In Its Present Form Would Be Found Highly Useful By Publishers And Booksellers In Mailing Their Publicity Material. The Directory Would Also Be Useful To Librarians And Others Concerned With Educational Institutions And Organisations For Getting Information About Libraries In India.

Theory Of Automata Laxmi Publications

"Advances in FRP Composites in Civil Engineering" contains the papers presented at the 5th International Conference on Fiber Reinforced Polymer (FRP) Composites in Civil Engineering in 2010, which is an official conference of the International Institute for FRP in Construction (IIFC). The book includes 7 keynote papers which are presented by top professors and engineers in the world and 203 papers covering a wide spectrum of topics. These important papers not only demonstrate the recent advances in the application of FRP composites in civil engineering, but also point to future research endeavors in this exciting area.

Researchers and professionals in the field of civil engineering will find this book is exceedingly valuable. Prof. Lieping Ye and Dr. Peng Feng both work at the Department of Civil Engineering, Tsinghua University, China. Qingrui Yue is a Professor at China Metallurgical Group Corporation.

Evolutionary Computing and Mobile Sustainable Networks Springer

This book comprises the proceedings of the International Conference on Green Buildings and Sustainable Engineering (GBSE 2018), which focused on the theme "Transforming our Built Environment through Innovation and Integration towards a Smart and Sustainable Future". The papers included address all aspects of green buildings and sustainability practices in civil engineering, and offer a valuable reference resource for researchers, practitioners, and policy makers.

Biomimetics, Energy Conservation and Sustainability Springer Science & Business Media

This book gathers selected proceedings of the annual conference of the Indian Geotechnical Society, and covers various aspects of soil dynamics and earthquake geotechnical engineering. The book includes a wide range of studies on seismic response of dams, foundation-soil systems, natural and man-made slopes,

reinforced-earth walls, base isolation systems and so on, especially focusing on the soil dynamics and case studies from the Indian subcontinent. The book also includes chapters addressing related issues such as landslide risk assessments, liquefaction mitigation, dynamic analysis of mechanized tunneling, and advanced seismic soil-structure-interaction analysis. Given its breadth of coverage, the book offers a useful guide for researchers and practicing civil engineers alike.

Sustainable Intelligent Systems Springer

This volume comprises select papers presented during the Indian Geotechnical Conference 2018, discussing issues and challenges relating to the characterization of geomaterials, modelling approaches, and geotechnical engineering education. With a combination of field studies, laboratory experiments and modelling approaches, the chapters in this volume address some of the most widely investigated geotechnical engineering topics. This volume will be of interest to researchers and practitioners alike.

Advances in Sustainable Construction Materials Springer Nature

The Most Authentic Source Of Information On Higher Education In India The Handbook Of Universities, Deemed Universities, Colleges, Private Universities And Prominent Educational & Research Institutions Provides Much Needed Information On Degree And Diploma Awarding Universities And Institutions Of National Importance That Impart General, Technical And Professional Education In India. Although Another Directory Of Similar Nature Is Available In The Market, The Distinct Feature Of The Present Handbook, That Makes It One Of Its Kind, Is That It Also Includes Entries And Details Of The Private Universities Functioning Across The Country. In This Handbook, The Universities Have Been Listed In An Alphabetical Order. This Facilitates Easy Location Of Their Names. In Addition To The Brief History Of These Universities, The Present Handbook Provides The Names Of Their Vice-Chancellor, Professors And Readers As Well As Their Faculties And Departments. It Also Acquaints The Readers With The Various Courses Of Studies Offered By Each University. It Is Hoped That The Handbook In Its Present Form, Will Prove Immensely Helpful To The Aspiring Students In Choosing The Best Educational Institution For Their Career Enhancement. In Addition, It Will Also Prove Very Useful For The Publishers In Mailing Their Publicity Materials. Even The Suppliers Of Equipment And Services Required By These Educational Institutions Will Find It Highly Valuable.

RAAI 2020 CRC Press

This edited book presents scientific results of the 14th International Conference on Software Engineering, Artificial Intelligence Research, Management and Applications (SERA 2016) held on June 8-10, 2016 at Towson University, USA. The aim of this conference was to bring together researchers and scientists, businessmen and entrepreneurs, teachers, engineers, computer users, and students to discuss the numerous fields of computer science and to share their experiences and exchange new ideas and information in a meaningful way. Research results about all aspects (theory, applications and tools) of computer and information science, and to discuss the practical challenges encountered along the way and the solutions adopted to solve them. The conference organizers selected the best papers from those papers accepted for presentation at the conference. The papers were chosen based on review scores submitted by members of the program committee, and underwent further rigorous rounds of review. This publication captures 13 of the conference's most promising papers, and we impatiently await the important contributions that we know these authors will bring to the field of computer and information science.

Proceedings of IGC 2018 Springer Science & Business Media

Nair ? Told & Untold is a collection of short stories that elevate the mundane happenings in everyday life. The protagonist, Mr. Nair, a typical Malayalee, takes on many avatars, some applaudable and others cringe-worthy. But in all these stories, he gains the reader's sympathy as he tries to navi-gate the nooks and crannies of life's journey. The author has a keen understanding of human na-ture. In simple prose, he captures snapshots of life which include an observant Mr. Nair who witnesses catastrophe unfold at the village tea shop, a frustrated Mr. Nair who gives driving les-sons to an impossible student, a possessive Mr. Nair who tries to protect his wife from the vulgar attentions of uncivilised men using public transport, an arrogant Mr. Nair who underestimates the shrewdness of his co-passenger and a submissive Mr. Nair who does his best to please his dog-fearing wife by promising to get rid of the stray dog menace in

their colony. A perfect blend between satire and farce, this collection will endear you to its likeable characters. Above all, the stories will leave you chuckling no matter how serious you are.

Proceedings of the Third ICICSE, 2015 Springer Nature
This book discusses the recent research trends and upcoming applications based on artificial intelligence. It includes best selected research papers presented at the International Conference on Research and Applications in Artificial Intelligence (RAAI 2020), organized by Department of Information Technology, RCC Institute of Information technology, Kolkata, West Bengal, India during 19 - 20, December, 2020. Many versatile fields of artificial intelligence are categorically addressed through different chapters of this book. The book is a valuable resource and reference for researchers, instructors, students, scientists, engineers, managers and industry practitioners in these important areas.

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