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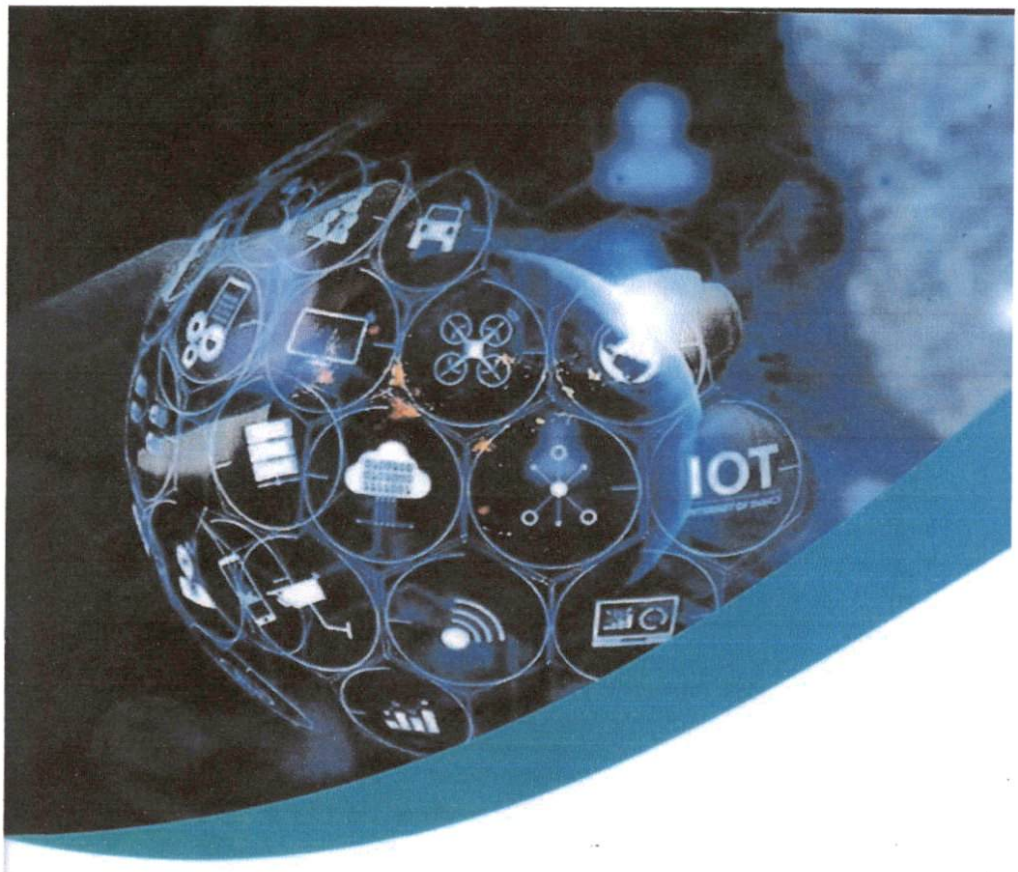

WEB TECHNOLOGY

Dr. M. KANDAN
Dr. T. M. NITHYA
Mrs. K. DEEPA
Mr. DILLIP NARAYAN SAHU

Table of Content

AUTHORS PROFILE

Dr.M.Kandan Working as an Associate Professor in the Department of Computer Science and Engineering at Aditya Engineering College, Surampalem, India affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada, East Godavari District, India. He Completed his graduation in Computer Science and Engineering at Mailam Engineering College, Tindivanam, Tamilnadu, India. He secured Master of Technology in Information Technology at Sathyabama University, Chennai, Tamilnadu, India. He had been awarded Ph.D. in the field of Cloud Computing at Anna University, Chennai, India. He is in teaching profession for more than 15 years. He has presented number of papers in National and International Journals and Conference and Symposiums. His main area of interest includes Cloud Computing, Machine Learning and Web Technology.

Dr.T.M.Nithya, Assistant Professor of Computer Science and Engineering from K.Ramakrishnan College of Engineering, Tiruchirappalli, Tamil nadu known for my leadership qualities and innovative approaches towards the academic front. I have completed my Undergraduate programme in Computer Science and Engineering at M.Kumarasamy College of Engineering, Karur. I received my Post Graduate programme in the same discipline from Oxford Engineering College, Trichy. Recently, I have been awarded my doctoral degree from Anna University, Chennai. I have over 12.9 years of teaching experience in which I have gained knowledge in terms of technical skills, software testing, Software Testing, Artificial Intelligence and Machine Learning. I have published around 15 research articles in various reputed journals like International Journal of Advanced Research in computer science and software engineering, International Journal of Advanced Science and Technology etc., To mould my inner abilities, I have attended many conferences, workshops, training programmers which eventually made me to convene these kinds of programmers in my college. Being recognized as the best HoD in the year 2014, I have published two patents as my credit and I have received many recognitions and awards such as Working Women Achievers Award Best Women Engineer, Best Teaching Faculty, and Best Coordinator etc., which strengthened my leadership skills. I am the Active member in CSI,IEI My career achievements are the sure eyewitness of my caliber. I have produced 100% results in Anna University examinations for three consecutive years for UG and PG programmers of my discipline.

Mrs.K.Deepa received the B.E. degree in Computer Science and Engineering from Anna University, Chennai, Tamil Nadu, India in 2006,M.E. degree in Computer Science and Engineering from Anna University,Chennai, Tamil Nadu, India in 2010.She has teaching experience of about 12.5 years. Presently working as Assistant Professor - Department of Computer Science & Engineering in M.Kumarasamy College of Engineering,Karur. She has published 12 papers in the reputed international journals, national and international conference. Her area of interest is Big Data, Machine Learning, Deep Learning and Web Programming.

Mr. Dillip Narayan Sahu Working as Lecturer in the Department of MCA, School of Computer Science at Gangadhar Meher University (GMU). He graduated in Physics Honours at Sambalpur University, Sambalpur, India. He secured Master of Computer Application and Master of Technology in Computer Science at Sambalpur University, Sambalpur, India. He secured M.Phil. Degree in Computer Science at MATS University, Chattisgarh, India. He is Pursuing Ph.D. in the field of Machine Learning. He is in teaching profession for more than 10 years. He has presented and published number of papers in National and International Journals, Conferences and Symposiums. His main area of interest includes Artificial Intelligence, Machine Learning, Analysis and Design of Algorithms, Data Science and Internet of Things.

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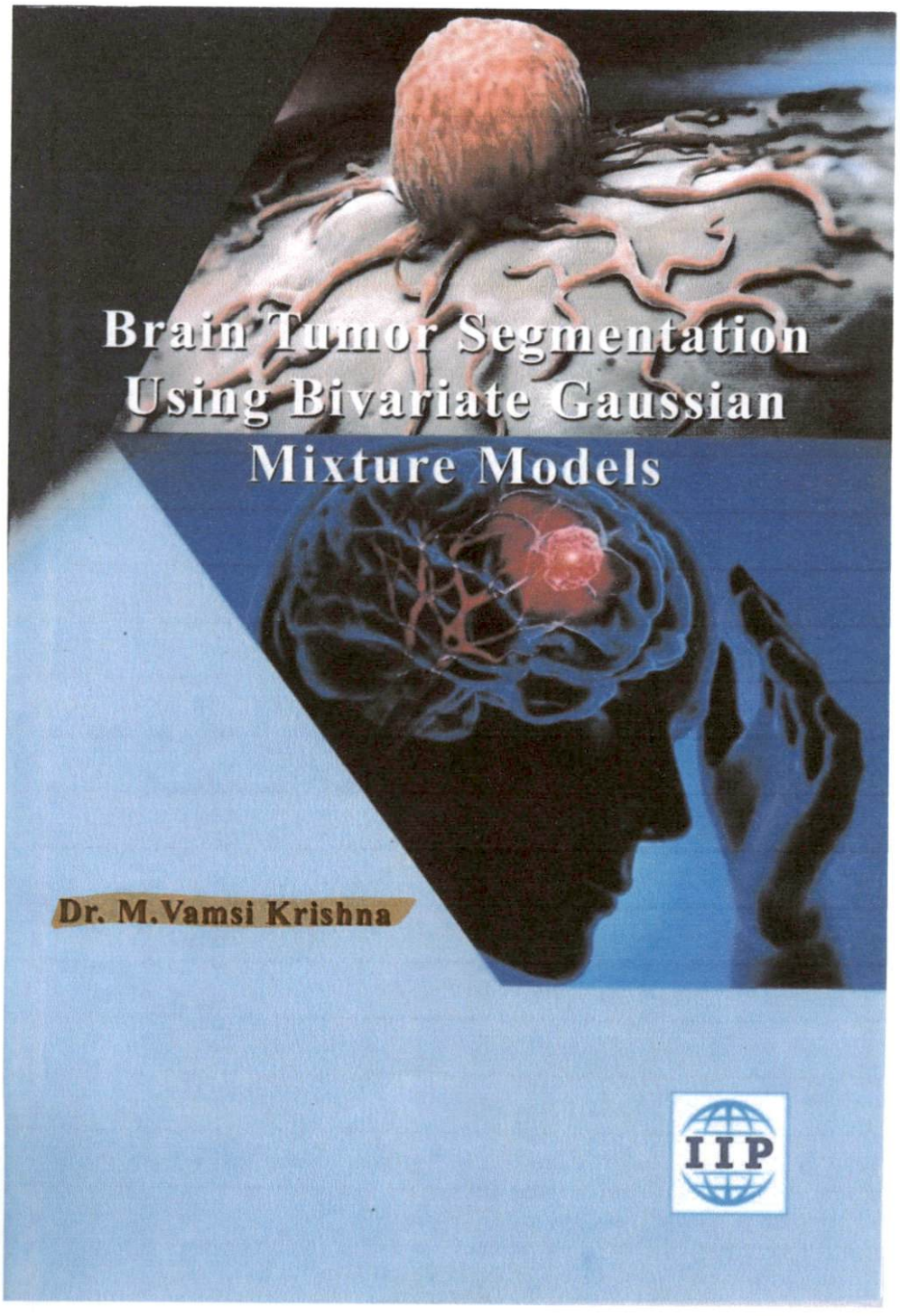

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Contents

About Author

I, have around 20 + years of teaching experience in various engineering colleges, universities. I have pursued my MCA from IGNOU, later completed my MTech in Computer Science from Sam Higginbottom University of Agriculture, Technology And Sciences (formerly Allahabad Agricultural Institute Deemed University (AAIDU)) and then also completed my MTech in the stream of Artificial Intelligence and Robotics (AI & R) from Andhra University. Later Completed my Doctoral Degree from Centurion University of Technology and Management (CUTM) in the area of Medical Image Processing. I have around 90 + publications in various national and International Journals. Also have around 15 publications in national and international Conferences. Later, started guiding research scholars from various specializations like Cloud Computing, Medical Image Processing, Data Science etc. Currently, I have successfully guided 10 scholars and have been awarded with Doctoral Degrees. I also have around 5 Scholars who are currently doing research under my guidance.

I am awarded with,

- Received International Best Research Award in the area of Cloud Computing – 2019
- Received Best Researcher Award for 2020 by Academic Branding Awards, Bangalore.
- Received Best Researcher Award for 2020 by CEGR
- Received Young Researcher Award for 2020 by Institute of Scholars
- Received International Scientist Award 2021 on Engineering, Science and Medicine.

I am also member of professional bodies like:

- Member, IAENG (International Association of Engineers).
- Fellow Member, International Society for Research and Development.
- Professional Member, IFERP (Institute for Engineering Research and Publication).
- Life Member, CEGR (Centre for Education, Growth and Research)
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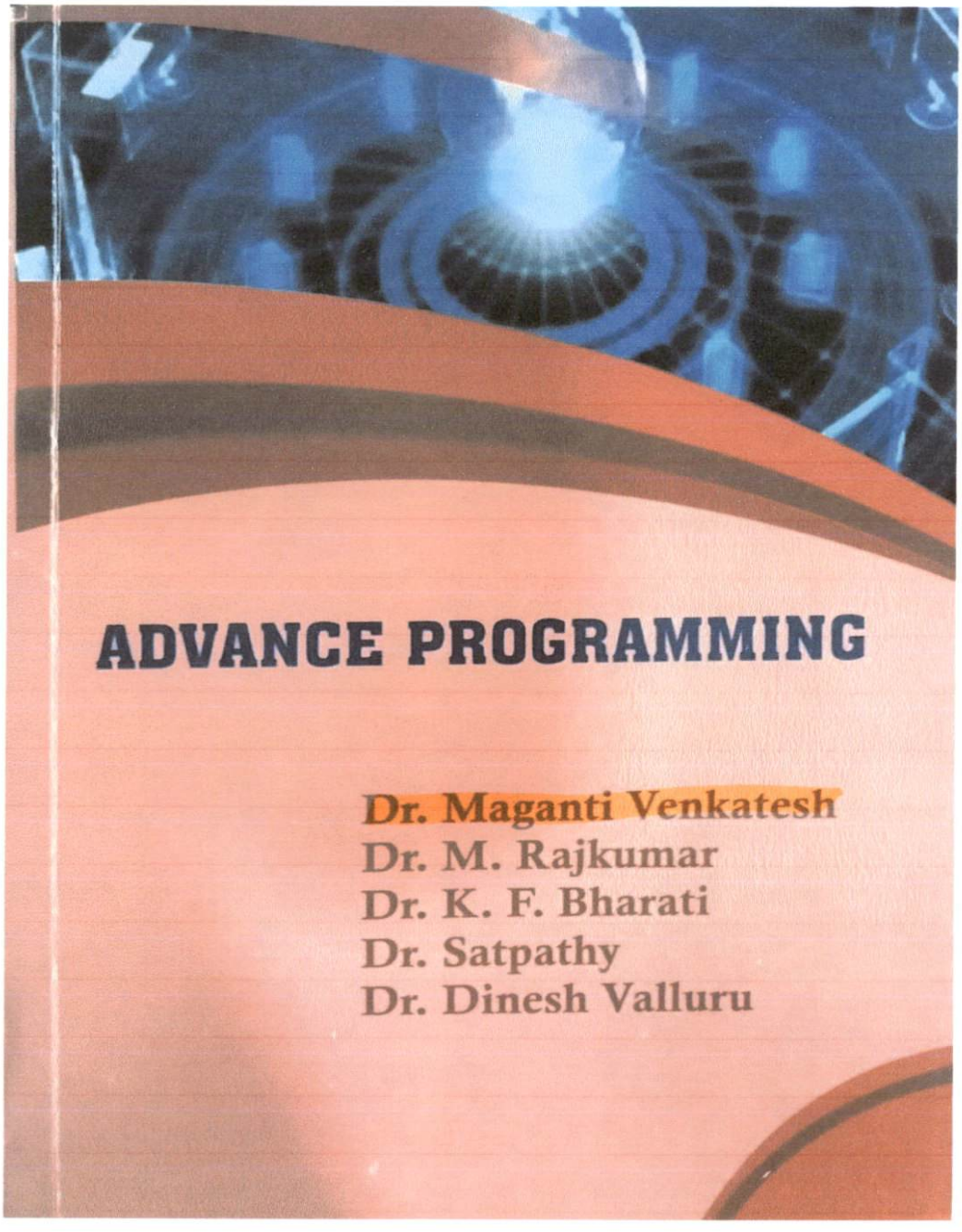

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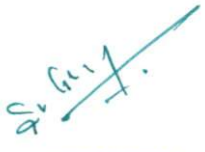
CONTENTS



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About the Authors

Dr. Meganti Venkatesh has completed B.Tech in Computer Science & Information Technology from Kakinada Institute of Engineering and Technology, Affiliated to JNTUK, Andhra Pradesh, in 2005. Completed M.Tech in Computer Science and Engineering from Sasi Institute of Technology & Engineering, Affiliated to JNTUK, Andhra Pradesh, in 2011. Awarded Ph.D. by Hindustan Institute of Technology & Science, Deemed to be University, Padur, Chennai. Currently working as Associate Professor at Aditya Engineering College, Surampalem. Permanently Affiliated with JNTUK, Kakinada, East Godavari District, Andhra Pradesh. He has a total of 17 years of teaching experience. He has publications in Scopus; SCI-indexed Journals. He presented at National and International conferences. His area of Interest is Educational Data Mining, Machine Learning, Optimization Algorithms. He has sound knowledge in Programming Languages like C, Java, Python, Spring Boot, Web application development technologies. He is also a technical trainer, trained freshers in IT sector, and trained several engineering students for their campus interviews.

Dr. M. Rajkumar, Professor, Department of Computer Science and Engineering, Saveetha School of Engineering, Saveetha Institute Of Medical and Technical Sciences, Chennai. Have a total teaching experience of 18 years. My area of research is Wireless Networks and Mobile Ad-Hoc Networks. My areas of interest also include Operating Systems, Mobile Computing, Cloud computing, Published 23 papers in International Journals and 18 papers in International/National conferences. Published 4 Indian Patents; he authored a textbook on Fundamentals of computing. Delivered Expert Lectures in various Institutions and universities; completed B.E. (CSE) in 2003 from Dr.M.G.R Engineering College, Chennai. M.Tech (CSE) in the year 2007 from Dr. M.G.R University, Chennai, and Ph.D. in 2020 in Anna University, Chennai. Life Time Member of CSI, ISTE, IAENG.

Dr. K. F. Bharati, Associate Professor, Department of CSE, JNTUACEA, Anantapuramu, She has done B. Tech in Computer Science and Engineering from University of Gulbarga in 1993.M. Tech from Visveswariah Technological University, Belgaum in 2005. Ph.D from Jawaharlal Nehru Technological University, Anantapuramu (JNTUA) in 2014. She was awarded with Rastriya Gaurav Award "for Meritorious Services, Outstanding Performance and Remarkable Role by "India International Friendship Society" and "Adarsh Vidya Saraswathi Rashtriya Puraskar" by Global Management Council, "Dr APJ ABDUL KALAM Best Faculty Award" by Base Science Society. She has been Published No. of International Journals and attended No. of International Conferences and Workshops. She has interaction with other institutions/universities as a resource person for FDPs, STPs and seminars on her areas of interests such as Data mining, Database Management Systems, Programming, OOAD, etc.

Dr. Satpathy post-graduated in Computer Science & Engg, Applied Mathematics, MBA (HRD), and Industrial Mathematics from National Institute of Technology – Rourkela and Symbiosys and other leading institutes. He has received 2 Ph.Ds - one in Computational Mathematics from Utkal University and other in Computer Science & Engg from Fakir Mohan university . He has also received Post-doctoral from National Institute of Technology – Rourkela and D. Sc in Computational Fluid Dynamics from FM University . So far international credential is concerned , Dr. Satpathy was awarded with Ph.D. in Computer Sc. & Engg. From Cosmopolitan University , D.Sc. in computer Sc. & Engg. From International University and Grand Ph.D. in Computer Sc. & Engg. From West Coast University .

Dinesh Valluru: He received Ph.D. from Anna University, Chennai. The research area of Interest is Computer Vision, Medical Image Processing, and Big Data.

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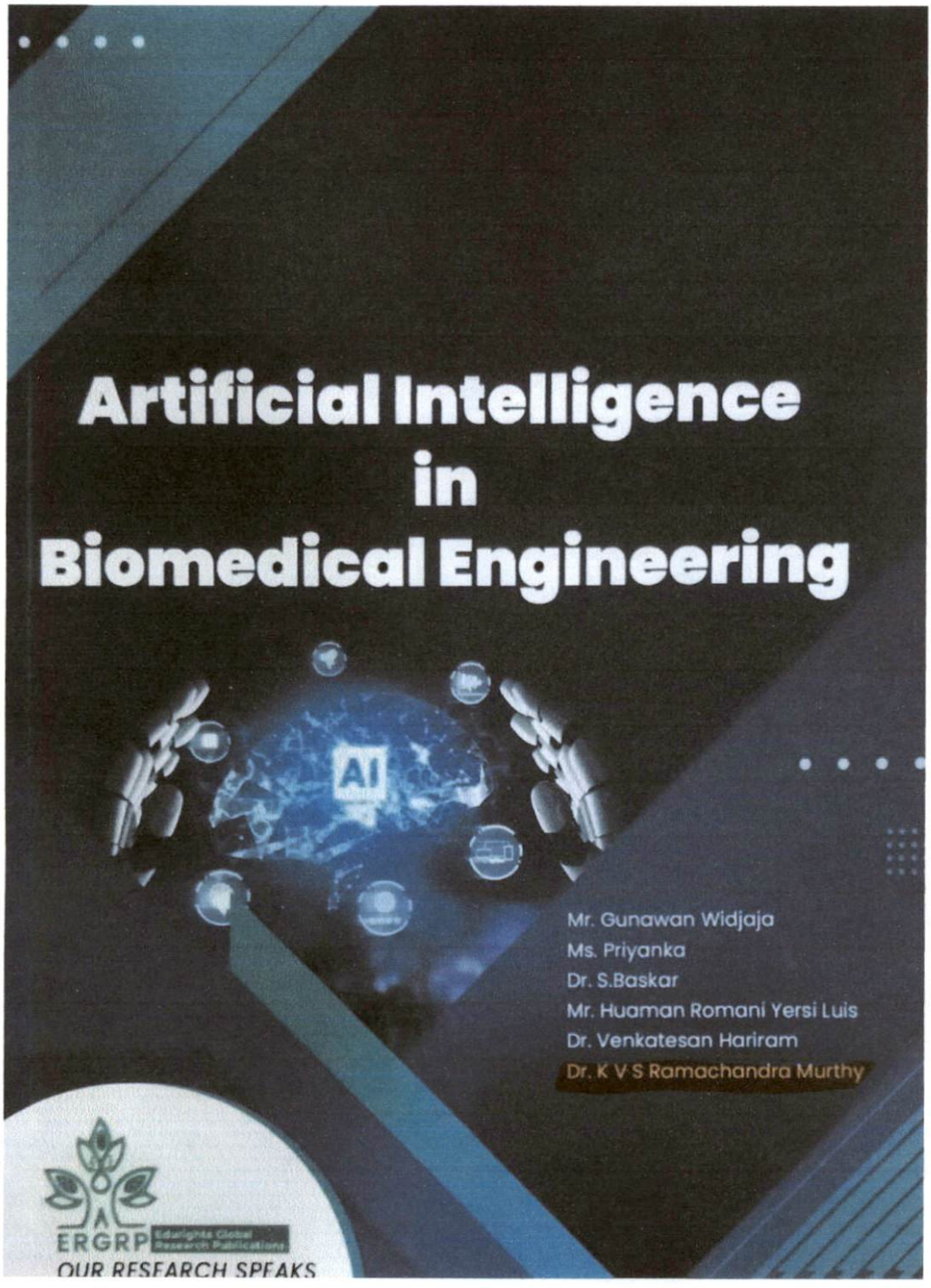

CONTENTS

PRINCIPAL
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Author's Profile

Mr. Gunawan Widjaja is a multitalented person. He had a Bachelor in Pharmaceutical Science (BPharm), a Master of Public Health (MPH), and a Master of Hospital Administration (MHA) from the Postgraduate Study Faculty of Public Health, Universitas Indonesia. He also graduated from the Faculty of Law, obtained his LLM, and completed his Doctor of Philosophy (Ph.D.) from the same University. He also holds a Master in Management degree majoring in Finance. Currently, he teaches at the Postgraduate Study Faculty of Public Health Universitas Indonesia and Postgraduate Study Faculty of Law Universitas Krisnadwipayana. He has written about 50 books and many papers in national and international journals, including Scopus Indexed Journals, as well as reviewed them. He actively participated in many seminars, symposiums, and conferences, and also acts as an arbitrator in many International Arbitration centers such as SIAC, SHAC, and GIDI.

Ms. Priyanka is working as an Assistant Professor, Electronics engineering in Rajkiya Engineering College, Mainpuri. She received her M.Tech in Electronics System & Communication from NIT Rourkela. Her specialization is leaky integrated fire neuron, low power devices, FinFETs, MOSFETs, spiking neural networks, artificial intelligence, nanoelectronics devices, VLSI design etc. She has more than 5 years of experience of teaching and research. She has published more than 8 SCI Journal out of which 2 are published in IEEE TRANSACTION and rest in ELSEVIER and SPRINGER Journals. She conducted various Faculty Development Programs and Webinars.

Dr. S. BASKAR received his B.E (Electrical & Electronics Engineering) from Annamalai University and M.Tech (Power Electronics) from Vellore Institute of Technology, India. He has completed his Ph.D. EEE in the specialization of FACTS controllers from Annamalai University. He has more than twenty one years of experience in the fields of teaching, research and academic administration. He is currently working as a Professor in the Department of Electrical and Electronics Engineering, at Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, India. His research interests include Component minimized Power electronic converters and Intelligent control techniques, Control and Modelling of FACTS Controllers and its application to power system. He has completed one International Indo-France Joint research Project funded by Indo-France Collaborations, Government of India (CEFIPRA). Four scholars are awarded the Ph.D degree under his guidance. He has registered two patents. He has published more than eighty papers in national, International Scopus indexed journals and conferences. He participated in many seminars, Faculty Development programs, and workshops and also organized many Faculty development programs and national conferences.

Mr. Huaman Romani Yersi Luis Appointed Professor in the Associate category at the National University of Frontera - Sullana since 2019. Appointed Professor in the Auxiliary category at the Jose Maria Arguedas Andahuaylas National University (2013 - 2019). Bachelor of Physical Sciences Mathematics with a mention in Mathematics from the National University of San Cristóbal de Huamanga. Master's Degree in University Teaching and Educational Management. Studies completed in the Master in Mathematics Education at the National University of Education Enrique Guzmán y Valle. Student of the Doctorate in Education. Teacher in the area of Mathematics since 2011 at various National Universities. National and international book publisher. Researcher in the area of ICT, Teaching, Learning, etc. International, National and Regional Speaker.

Dr. Venkatesan Hariram has completed his BHMS, MD (Hom) (Practice of Medicine) and PhD (Hom) at Vinayaka Mission's Homoeopathic Medical College and Hospital, Salem, Tamilnadu, India. He was the 1st Rank Holder in both BHMS (2007) & MD (Hom) (2010) and was awarded with Gold medals for the same. He has additionally acquired Post Graduate Diploma in Bio statistics at Madurai Kamaraj University on 2015. He has joined as Assistant Professor on 2010 and currently working as Professor and Head, Department of Practice of Medicine at the same College. He is also serving as PG Guide, PhD Supervisor and Research Coordinator of the Institute. He has been the Principal Investigator of 05 Research Projects. He has more than 20 Peer Reviewed and Indexed Publications. He has also Presented Various Research Papers at National and International Conferences and Seminars. His areas of interest are Medical Research Methodology, Design of Experiments & Research Writing.

Dr. K.V.S.Ramachandra Murthy obtained B. Sc. (Engineering) and M. Tech from NIT, Jamshedpur, India in the years 1994 and 2002 respectively and received his Ph. D. from JNTUK, Kakinada in 2013. He had 4 years of industrial experience and 20 years of teaching experience. He is working as Professor in the Department of Electrical & Electronics Engineering and Dean, Aditya Group of Engineering Colleges, Surampalem. He received Best Teacher Award from JNTUK, Kakinada in the year 2014. He is also associated with Aditya Global Business Incubator, an implementing agency for two Coir Clusters worth 7.5 Crore sanctioned by Ministry of MSME, Government of India. He also led a team of faculty and students to carryout developmental activities at the adopted villages for which Aditya Engineering College has received 'Utkrushta Samsthan Viswakarma Award' by AICTE in the year 2019. His area of interests is Power Systems.

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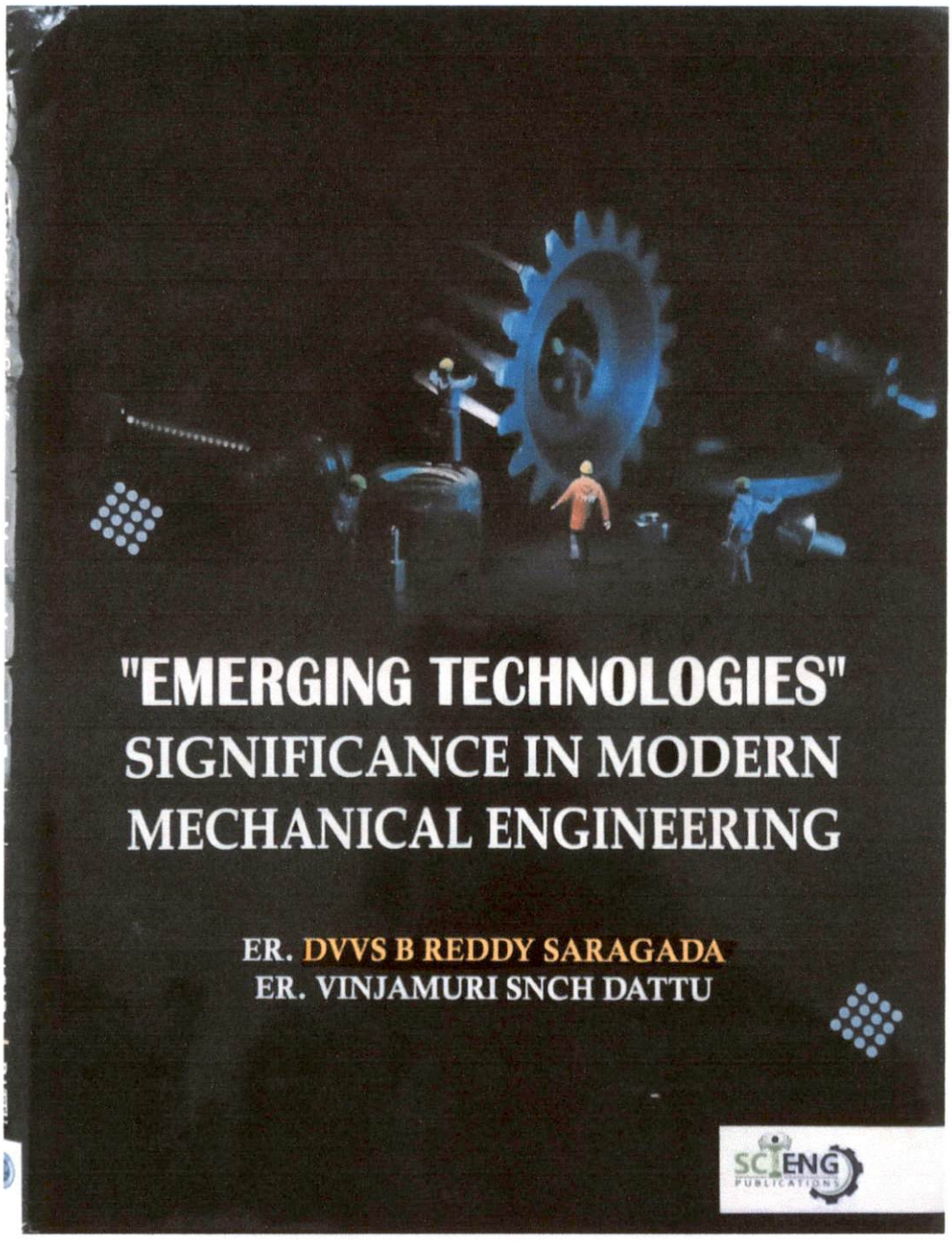

CONTENTS

About the Editors

ER. DVVS B REDDY SARAGADA, M.Tech , (Ph.D), Senior Assistant Professor, Department of Mechanical Engineering, Aditya Engineering College(A), For more than a decade, the author has been active in research for unique ways to examine innovative engineering. He has over 12 years of teaching experience in mechanical engineering. He is currently employed as a Senior Assistant Professor in the Department of Mechanical Engineering at Aditya Engineering College (A), Surampalem, Andhra Pradesh. He is a Doctoral candidate at Lincoln University College in Malaysia. Design, Thermal Engineering, Manufacturing Technology, and Automobile Engineering are among his areas of study and specialization.

He obtained over 20 International Journal articles. He has mostly presented his findings and attended 25 national and international conferences. He attended several workshops all around the world as part of his research views. International Award Conference on Multidisciplinary Research and Latest Innovation - IARDO Award for Distinguished Educators 2018.

In the year 2020, he earned a Prestigious Young Scientist Award from IJIEMR- ELSEVIER SSRN Research Awards in India. In addition to his research talents, he has 4 patents with IP India in Automobile and Design.

ER. VINJAMURI SN CH DATTU, M.Tech (CSE), M.Tech (Thermal.Engg), (PhD) Associate Professor, Department of Mechanical Engineering, Aditya Engineering College (Autonomous) For more than a decade, the author has been active in research for unique ways to examine innovative engineering. He has over 16 years of teaching experience in mechanical engineering and computer science and engineering.

He is currently employed as an Associate Professor in the Department of Mechanical Engineering at Aditya Engineering College (A), Surampalem, Andhra Pradesh. He is an active research scholar candidate at Lincoln University College Malaysia. Thermal Engineering, IC engines Alternative fuels, and Automobile Engineering are among his areas of study and specialization. He obtained over 16 International Journal articles. He has mostly presented his findings and attended 9 international conferences and 7 national conferences. He attended several workshops all around the world as part of his research views. Received Excellent Professional Achievement Award (Class for contributions in the field of Engineering & Technology. Honoured by the Society of Professional Engineers (India) in the year 2016.

His achievements are 1. Consultant Editor for Engineering Today, India & Malaysia, 2. Technical Reporter for the Technology World (INDIA), 3. Consulting Engineer for Journal of Automotive Mechanical & Aero Space Eng. Research 4. Technical Consultant for Journal of Engineering Technology & Management Sci. 5. Technical Consultant for Journal of Engineering Technological Research. 6. Associate Editorial Board Member for IJRI Publishers, India.7. Management Network Expert for Ch-egg India. 8. Acted as Co-PI for MODROBS of CNC LAB worth 13.5 lacks at Pragati Engineering College, during the period 2013 to 2014 (Project cost Rs 13.5 Lacks). Sponsored by AICTE, New Delhi- India.

In the year 2021, he received an internal academic award for outstanding performance in teaching organized by the universal group of education in collaboration with the I.R.D.O Conference world. To his research talents, he has 4 book chapters and 3 patents with IP India in Automobile and Design. To his research credit, he guided 20 UG projects and 12 PG projects. He is a life member of professional bodies like LMISTE, ISME, IE-I, IAENG & WARCO.

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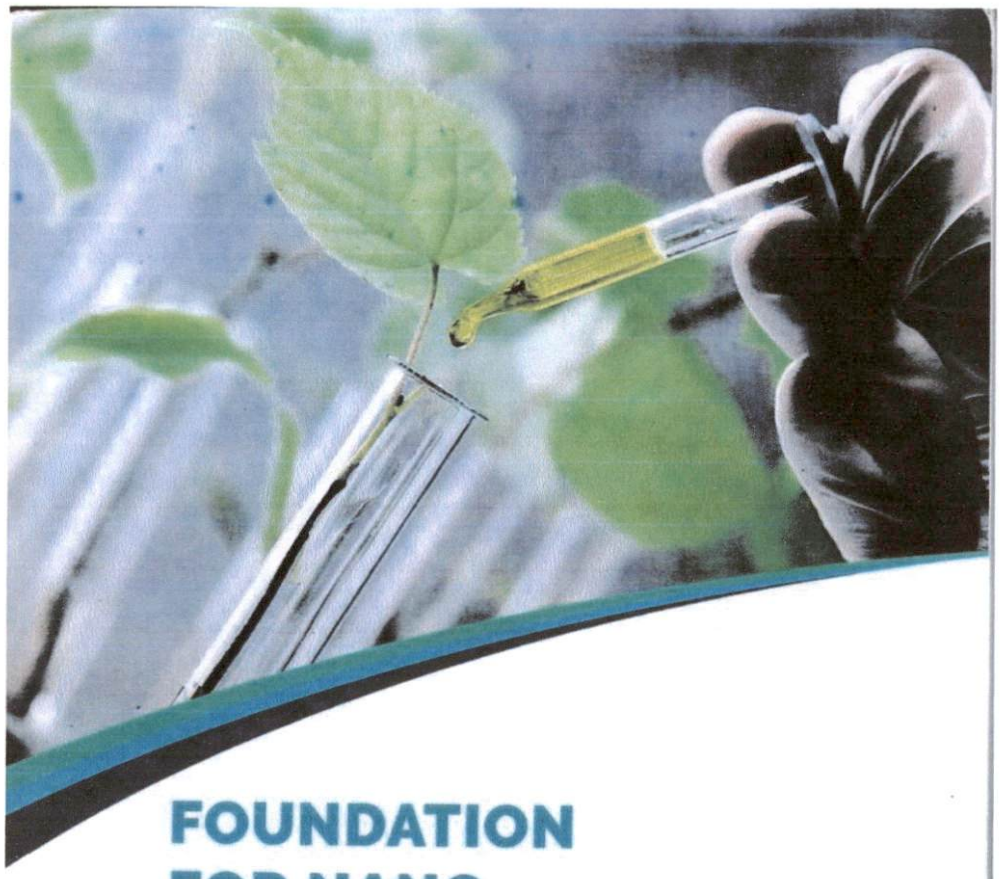

FOUNDATION FOR NANO SCIENCE, NANO BIOTECHNOLOGY AND ITS MEDICAL APPLICATIONS

Dr. CHENNU MM PRASADA RAO
Dr. K. ANANDAN
Dr. G. CHINNA RAM
Dr. S. V. G. V. A. PRASAD

TABLE OF CONTENTS

AUTHORS PROFILE

Dr. Chennu MM Prasada Rao working as a Professor and Head in the Department of Pharmaceutical chemistry at School of Pharmacy, Raffles University, Neemrana. He graduated in Pharmacy at, ML college of Pharmacy City Singarayakonda, Andhra Pradesh, India. He secured Master of Pharmacy in Pharmaceutical Chemistry at Annamalai University City Chidambaram, Tamil Nadu, India. He secured in Pharmaceutical Sciences at Jawaharlal Nehru Technological University, Kakinada, City Kakinada, Andhra Pradesh, India. He is in the field of Pharmacy, Professor and Head in the Department of Pharmaceutical chemistry at School of Pharmacy, Raffles University, Neemrana, Rajasthan, India. He is in teaching profession for more than 14 years. He has presented 56 papers in National and International Journals, Conference and Symposiums. His main area of interest includes green synthesis of drug molecules, microwave assisted synthesis of drugs and their biological screening, designing and Insilco analysis of small organic molecules and molecular docking studies, Method development and validation of drugs and formulations using modern analytical techniques.

Dr. K. Anandan working as an Assistant Professor in the Department of Physics at Academy of Maritime Education and Training (AMET) – Deemed to be University, East Coast Road, Kanathur, Chennai – 603 112, India. He was started his teaching profession in year of 2015 at AMET. He secured Master of Science in Physics at Presidency College, Chennai – 05. He received his Ph.D (Physics) degree in the field of Nano science from University of Madras, Chennai in year of 2015. His main area of interest is Nano Photo-catalysis and doing research in the same field. He has presented his research work in more than 40 national/international conferences and published more than 35 research articles in the reputed journals. He is member in many professional bodies such as Indian Laser Association (ILA), Scientific and Technical Research Association (STRA), Indian Association of Physics Teachers (IAPT) and etc.

Dr. G. Chinna Ram working as an Associate Professor in the Department of Physics at Aditya Engineering College. He graduated in Aditya Degree College, Kakinada, Andhra Pradesh, India. He secured Master of Science in Physics at Andhra University, Vishakhapatnam, Andhra Pradesh, India. He secured Ph.D. in Physics at Nagarjuna University, Guntur, Andhra Pradesh, India. He is in teaching profession for more than 13 years. He has presented 18 papers in National and International Journals, Conference and Symposiums. His main area of interest includes Rare earth doped glasses and Nano materials and their applications.

Dr. S.V.G.V.A.Prasad working as a Professor in the Department of Physics at Pithapur Rajah's Government College(A), Kakinada, East Godavari, Andhra Pradesh. He secured Master of Science in Physics at Andhra University, Viskhapatnam, Andhra Pradesh, India. He secured Master in Philosophy in Physics at Acharya Nagarjuna University, Guntur, Andhra Pradesh, India. He secured Ph.D. in Material Science at Acharya Nagarjuna University, Guntur, Andhra Pradesh, India. He is in teaching profession for more than 24 years. He has presented 50 papers in National and International Journals, Conference and Symposiums. His main area of interest includes Material Science and Ultrasonics.

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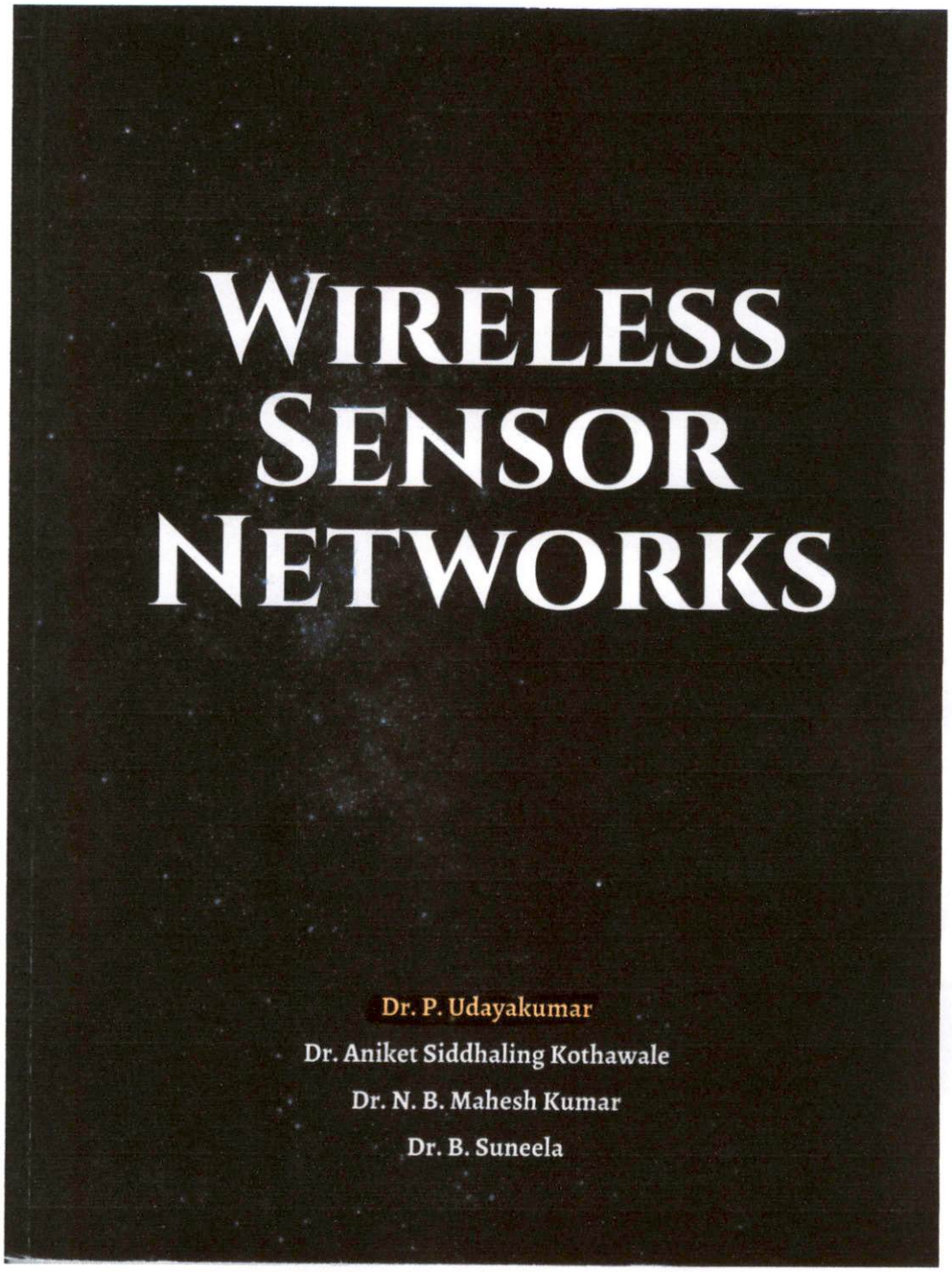

CONTENTS

Chapter I

Network of Wireless Sensor Nodes

Chapter II

Node Architecture

Chapter III

Physical Layer

Chapter IV

Medium Access Control

Chapter V

Node and Network Management

Chapter VI

Security

Building Wireless Sensor Networks is an essential guide for anyone interested in wireless communications for sensor networks, home networking, or device hacking. It is a first step in becoming proficient in making these systems. It is not a textbook on protocols or a complete guide to networking theory. No engineering or computer science background is expected or required. Those who have fooled around a bit with electronics or programming will certainly have a leg up, but in general, this book is aimed at hobbyists, students, makers, hardware hackers, designers, artists, and prototypes. In the chapters to come, you will scaffold your way up toward greater comfort and proficiency with hardware, software, radio, and communications. I'll explain everything necessary to get started, at least briefly. We'll create examples using accessible environments, such as Arduino for hardware and Processing for displays. And I'll provide a full range of resources, including helpful references to outside works for the electronics and networking novice. Whether you are a young inventor or an experienced engineer, this book focuses on getting your projects up and running as efficiently as possible.

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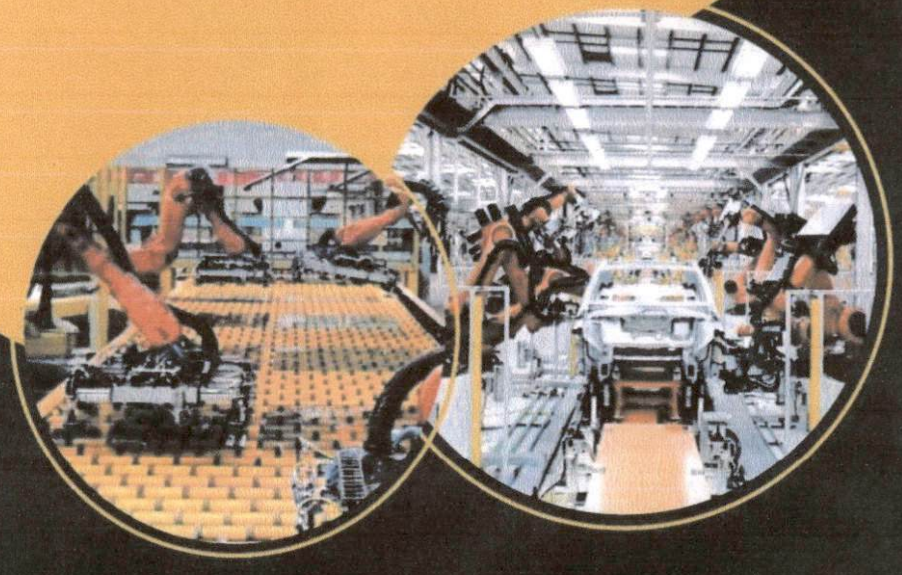

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Contents

UNIT-I

Introduction and Mechanical Energy Based Processes

Unit – II

Thermal and Electrical Energy Based Processes

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Unit – III

Chemical and Electro-Chemical Energy Based Processes

Unit – IV

Advanced Nano Finishing Processes

Unit – V

Recent Trends in Non- Traditional Machining processes

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This book addresses issues essential to unconventional machining processes, covering all modern machining processes such as mechanical processes, electrochemical and chemical metal removal processes, and thermal metal removal processes. The text continually emphasizes fundamentals and complete mathematical analysis of the processes as well as advanced applications of advanced manufacturing processes and operations. Each of the modern machining processes is discussed in a separate chapter, with the most up-to-date information and an emphasis on the economics of processes. In order to make the concepts easier to understand, a variety of applications are discussed as well as several numerical problems are worked out. The material is written mainly for students in mechanical, materials science and engineering, automobile engineering, aircraft engineering and industrial and production engineering programs.

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