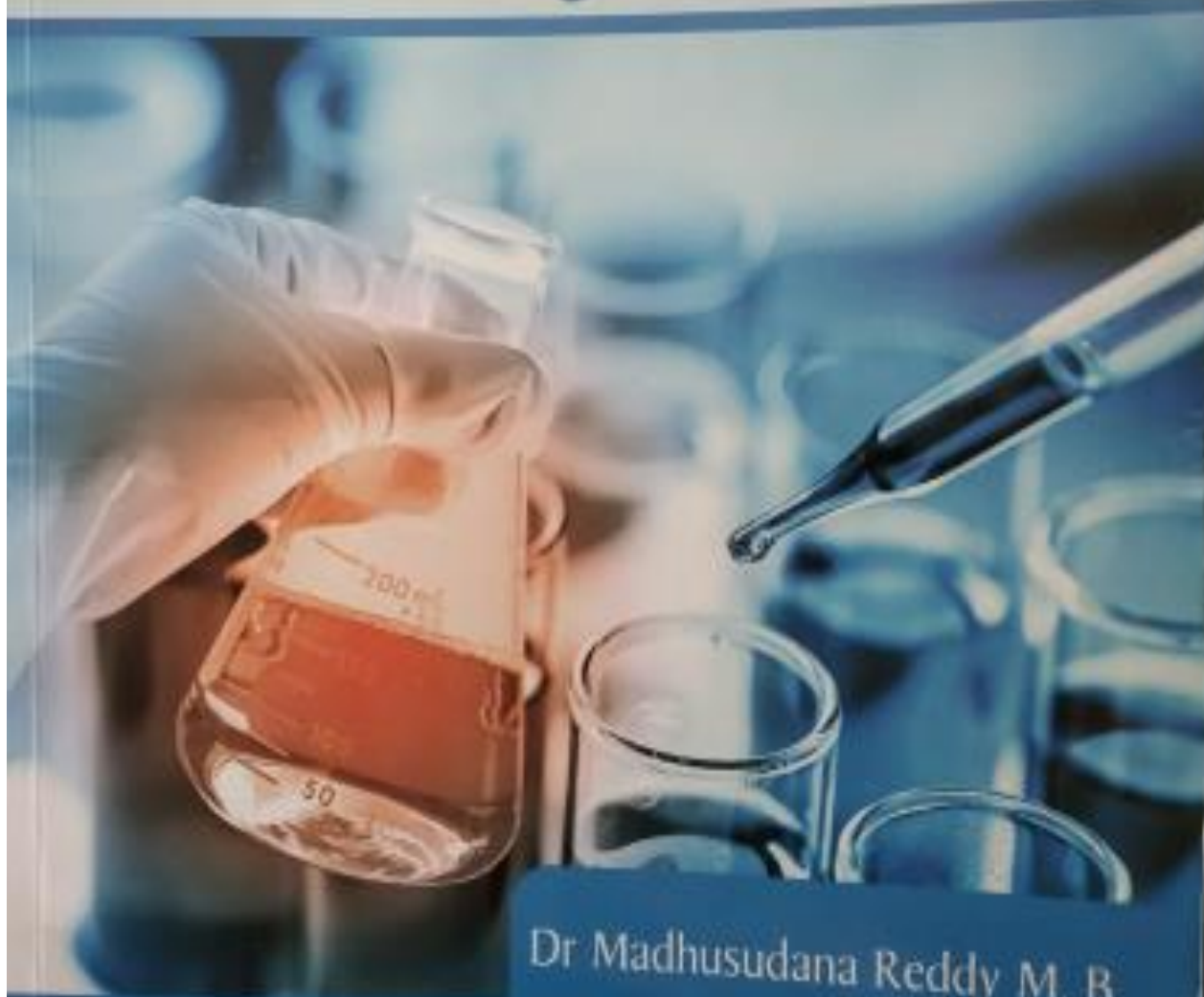


Total number of books published.

Year	2017-18
Number	5

Engineering Chemistry



Dr Madhusudana Reddy M. B.

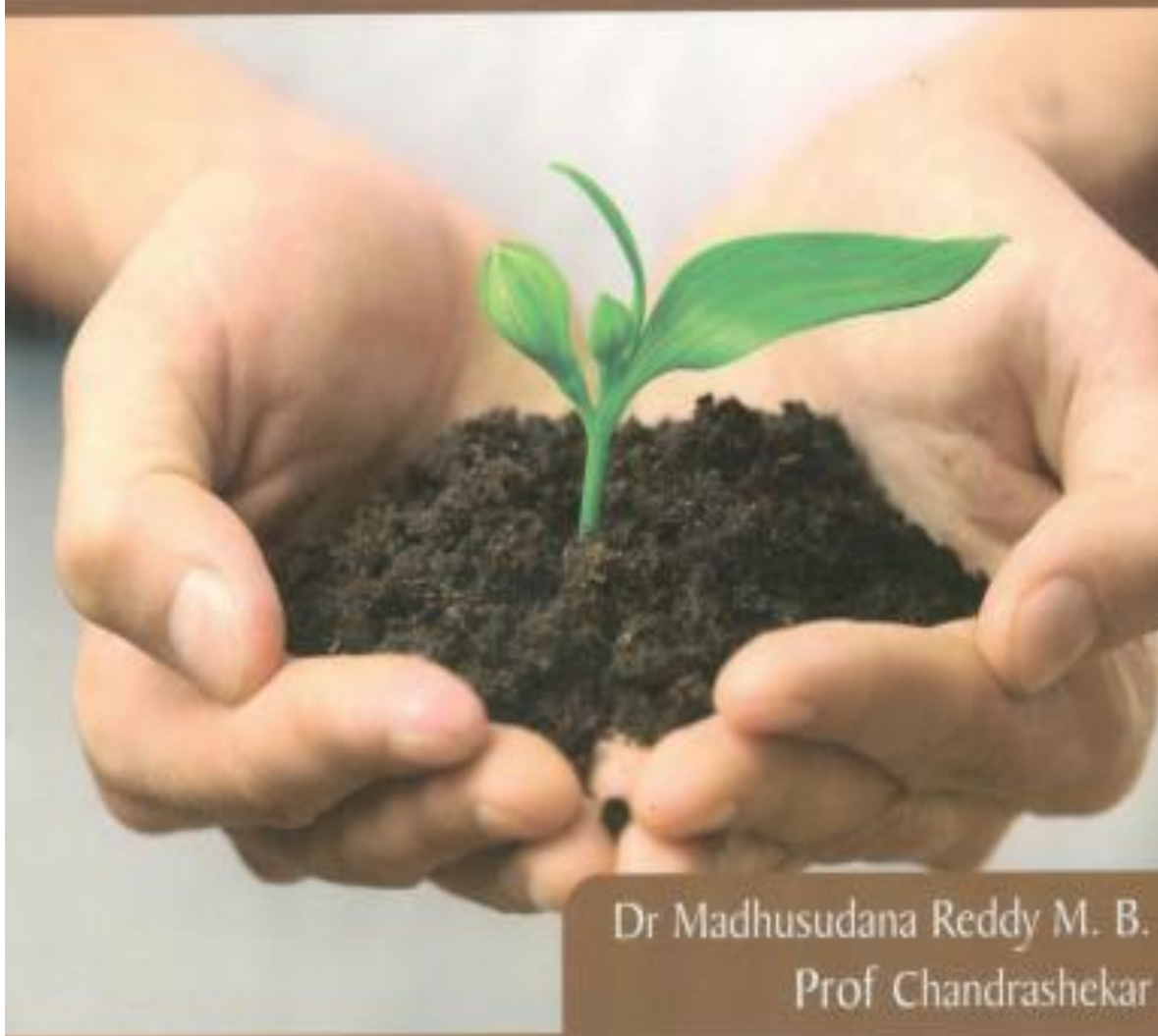


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WILEY

Daniels' & Krishnaswamy's
**Environmental
Studies**

Chandrashekar P.



Dr Madhusudana Reddy M. B.
Prof Chandrashekar



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Manipaluru, India

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It took five long years to write this book. Spare me 30 seconds for persuading you to read this book! I am a Scientific writer and a material scientist. This book adopted the simplest method of preparation of nano materials called solution combustion synthesis. Anybody can start adopting this method of preparation of nano materials. The very basics are elaborated in this book. It is a fragile and swift method that does not cost you very expensive or sophisticated gadgets for the preparation. You can start preparing any metal oxide nano particles with just an electric stove, beaker and very few chemicals: a metal nitrate and a fuel (urea, glycine, etc.,). This book also introduce zirconia as a potential photoluminescence material and also as a thermoluminescence dosimetric material.

Luminescence Materials



Dhanapal PrakashBabu

Luminescence Studies of Zirconia Based Phosphors



The author Dr. D. PrakashBabu, have completed his doctorate from Bharathiar Univ., India. He is presently working as Asst. Prof., School of Physics, REVA Univ., India. His area of research includes nanomaterials, targeted antimicrobial activities, photocatalysis, graphene and green energy, published several in Int. journals. Has 12 yrsTeaching Exp.

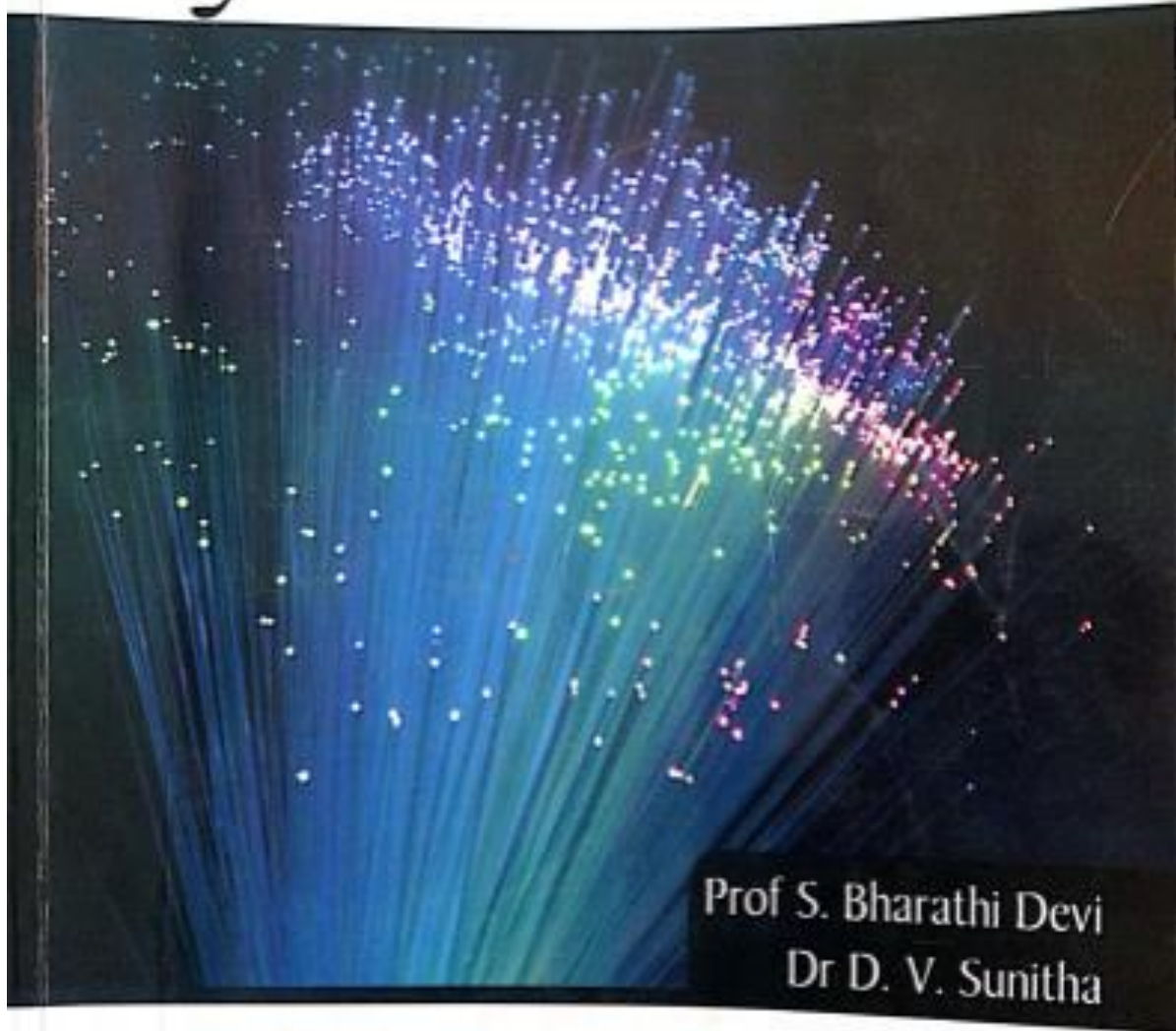


978-613-8-33320-3

PrakashBabu

LAP LAMBERT
Academic Publishing

Engineering Physics



Prof S. Bharathi Devi
Dr D. V. Sunitha



REVA
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श्री लक्ष्मीकांत वर्मा के कथा साहित्य में जनवादी चेतना

डॉ. श्रीनिवास मूर्ति. के.

Total number of books published.

Year	2018-19
Number	13



VISION and RE-VISION
Revisiting Mythologies, Rethinking Women

BEENA. G





डॉ. माया सगरे-लक्का

जन्म :

10 मार्च 1974 मासु (महाराष्ट्र) विदर्भ में

मातृभाषा :

मराठी

शिक्षा :

स्नातक स्तर- डॉ. बबसाहेब अंबेडकर महाराष्ट्र विश्वविद्यालय औरंगबाद तथा मराठवाडा विश्वविद्यालय बीरुषी, महाराष्ट्र, महाराष्ट्र के पूर्व भाग में। स्नातकोत्तर 2003 में डॉ. बबसाहेब अंबेडकर महाराष्ट्र विश्वविद्यालय, औरंगबाद में प्राप्त।

प्रकाशित ग्रंथ :

1. प्रवेशन मूलक हिंदी, 2. हिंदी-मराठी के स्वरंजोतर आंचलिक उपन्यासों का तुलनात्मक अध्ययन

संशोधन कार्य :

मातृभाषा के राष्ट्रीय समिती के विकास का संशोधन हिंदी की कई सारंग प्रकृतियों में लेख प्रकाशित। अन्य सारंग तथा राष्ट्रीय और अंतरराष्ट्रीय संगोष्ठियों में अंतरंग वार्ता।

संश्लेष :

मातृभाषा अध्यापन, विश्वविद्यालय, बेरगान में कार्यरत।

संपर्क :

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फ़ोन नम्बर : 9449987351



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Ph. 0512-2633004 • E-mail: shailjaprakashan@gmail.com



हिंदी-मराठी के स्वरंजोतर आंचलिक उपन्यासों का तुलनात्मक अध्ययन • डॉ. माया सगरे-लक्का

हिंदी-मराठी के स्वरंजोतर आंचलिक उपन्यासों का तुलनात्मक अध्ययन



डॉ. माया सगरे-लक्का

इस पुस्तक में

- भारतीय उपन्वस साहित्य तथा उसमें हिन्दी-मराठी के उपन्वसों का स्थान
- आंचलिकता : स्वरूप, परिभाषा एवं विशेषताएँ
- हिन्दी और मराठी के आंचलिक उपन्वसों का उत्पन्न और विकास
- हिन्दी और मराठी के प्रमुख आंचलिक उपन्वसों का विश्लेषण
- हिन्दी-मराठी के आंचलिक उपन्वसों का तुलनात्मक अध्ययन: विश्लेषण एवं निष्कर्ष

Impact of Land use on Surface & Groundwater Quality on Ghataprabha SBN

Water is the most precious resources on our planet earth. It is most abundant and familiar liquid, widely distributed in nature. It is essential to human life and to the health of the environment. As a valuable natural resource, it comprises of marine, estuarine, and fresh water which includes rivers, and groundwater environments, across coastal and inland areas. Water has two dimensions that are closely linked i.e. quantity and quality. Water quality is a neutral term that relates to the composition of water as affected by natural processes and human activities. It is defined by its physical, chemical, biological and aesthetic characteristics to sustain environmental values and uses. A healthy environment is one in which the water quality supports a rich and varied community of organisms, protects public health and sustains economic growth.

Prof. Archana U. Hiremath Asst. Professor Department of Civil Engineering Vishwakarma Institute Of Information Technology, Pune Education M-Tech in Environmental Engineering(2014) B.E in Civil Engineering(2012) Association Memberships - LM-ISTE



978-3-639-76911-1

Surface & Groundwater Quality

Scholars'
Press

Archana Hiremath
Raghunandan Koppad R. Shreedhar

Impact of Land use on Surface & Groundwater Quality on Ghataprabha SBN

Hiremath, R. Shreedhar

Financial Inclusion through **Micro Finance**



Suman P.M.
M. Subramanyam

Engineering Drawing



Dr Narayanaswamy K. S.
Prof Mahesh L.



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Bengaluru, India

WILEY

There is a great technological interest in bulk-size ultrafine grained (UFG) materials (100-1000 nm) due to their superior mechanical properties in terms of strength, ductility and toughness as compared to their coarse grained counterparts. Copper-based alloys with UFG microstructure is imperative for the high strength and elevated temperature applications such as marine fittings, electrical switch gears, heat exchanger, aircraft and automobile industries. But, mechanical strength of conventional grained Cu-based alloys is limited although its ductility is quite high. Further improvement of the strength could be achieved via grain size refinement as per the Hall-Petch relationship through several severe plastic deformation techniques. Therefore, aim of the present work is to investigate various mechanical properties, especially tensile strength, fracture toughness and fatigue strength of low stacking fault energy (SFE) UFG Cu-Zn and Cu-Al alloys processed by cryorolling (CR) and multiaxial cryoforging (CF) followed by shortannealing.



Dasharath S. Mabrukar
Ravi Kumar
Suhrit Mula

Dr. Dasharath S. M. is an Assistant Professor in the School of Mechanical Engg., REVA University, Bangalore. He obtained BE in Mechanical Engineering from VTU Belgaum, Masters in Manufacturing Engineering from National Institute of Technology Karnataka (NITK) Surathkal, Mangalore and PhD in Metallurgical and Materials Engineering from IIT Roorkee.

Development of ultra-fine grain structure in low SFE Cu alloys

REVA University Bangalore



978-3-659-82280-3

 **LAMBERT**
Academic Publishing

The thermal aging embrittlement of duplex stainless steels is one of the key material property degradation that would limit their industrial applicability. In this investigation, we study the effect of reversion heat treatment on the mechanical properties of the thermally embrittled steels. The samples were solutionized, aged, reversion heat treated and re-aged. The tensile strength of the aged sample had increased with respect to the solutionized condition because in aged condition, the ferrite phase was spinodally decomposed into iron rich alpha (α) and chromium rich alpha-prime (α') precipitates and also the chromium nitride precipitates was found along with these precipitates. The 60 minutes reversion heat treated samples showed a maximum recovery in tensile strength of upto 92% with respect to the solutionized condition because the temperature of 550 °C is above the ($\alpha + \alpha'$) miscibility gap, the ferritic phase was homogenized again. In other words, Ferric α and Cr-rich α' prime precipitates which were formed during ageing become thermodynamically unstable and dissolve inside the ferritic phase.

Duplex stainless steels



Shamanth Vasantha Kumar
Ravi Shankar K. S.



Prof. Dr. Shamanth V is Associate Professor and joined REVA University of Bengaluru, India in 2018. He has authored/co-authored more than 12 scientific publications and has been part of more than 13 program committees and organization bodies (journals and conferences).



978-613-9-95235-9

Vasantha Kumar, Shankar K. S.

Effect of Reversion Heat treatment on Duplex Stainless Steels

LAP LAMBERT
Academic Publishing

Rolling Element Bearings are the most widely used components in rotating machinery and the consequences of bearing failure are the cause of substantial economic loss and catastrophic failure. Even with the availability of high quality bearing steel, new alloys and heat treatments, it has not yet become possible to achieve the improved performance of the bearings under the most demanding operating conditions against higher wear and corrosion resistance, etc. Hence, coatings of bearings play a role to solve this. This book, therefore, provides an integrated experimental approach to analyze the appropriateness of TiN (Titanium Nitride) and AlCrN (Aluminium Chromium Nitride) coats for the outer ring of roller bearings. Time domain signals are collected for worn-out proposed coating cases. Kurtosis values extracted from IMFs of EMD tool revealed better diagnostic facts compared to those of unprocessed signals. Tribology studies are also carried out to observe the wear and friction behavior of coatings followed by the morphology and EDS analysis. This book provides young researchers an ideal situation where various methods can be used simultaneously thereby improving wear diagnostic data.



Niranjan Hiremath
D.Mallikarjuna Reddy

Dr.Niranjan Hiremath is Associate Professor in the School of Mechanical Engineering, REVA University, Bangalore, India. He has obtained his Ph.D in "Vibration Analysis of Bearings" from VTU,India.Dr.D.Mallikarjuna Reddy is Associate Professor and HoD,D&A at VIT-Vellore.He has obtained his Ph.D from IIT-Madras in "Health Monitoring of Structures".

Wear Diagnosis in Coated Bearings - Vibration Integrated Approach



978-613-9-87975-5

LAP
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Controlled discharge sanitary system is a step towards "Eco-friendly sanitary system" which focuses on ensuring the faecal matter from the railways not to be disposed on railway tracks. It generates the energy for the remote areas with the help of biogas plant. Thus this will keep the city, countryside, railway station premises and the railway tracks hence this idea helps to keep environment clean and produce alternate energy for society.



Pradip Gunaki
Vinamrata Mattikalli

Pradip Gunaki, an assistant Professor in the School of Mechanical Engineering at REVA university Bangalore has a Master's degree in Manufacturing Systems Engineering from Mumbai University. Vinamrata Mattikalli, design engineer in H.S. Consultancy Bangalore. She has Master's degree in structural engineering from VTU Belagavi.

Idea towards Eco-Friendly Sanitary System in Railways

Clean environment



978-3-659-95727-7

LAP
LAMBERT
Academic Publishing

Turbomachinery, in mechanical engineering, describes machines that transfer energy between a rotor and a fluid, including both turbines and compressors. While a turbine transfers energy from a fluid to a rotor, a compressor transfers energy from a rotor to a fluid. A turbomachine is a device where mechanical energy in the form of shaft work, is transferred either to or from a continuously flowing fluid by the dynamic action of rotating blade rows.



Praveen Math
Kumaraswamy K.L.

Prof. Praveen Math and Prof. Kumaraswamy K L are working in School of mechanical engineering, REVA UNIVERSITY, Bangalore. Both had done PG course in Thermal Power engineering.

Introduction to Turbo Machinery



978-3-330-01898-3

 **LAMBERT**
Academic Publishing

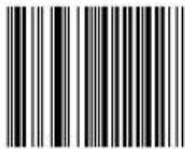
Exhaust manifold or Header is an assembly designed to collect the exhaust gas from two or more cylinders into one pipe. During design, engineers create a manifold without regard to weight or cost but for optimal flow of the exhaust gases. Such design results in a header that is more efficient at scavenging the exhaust from the cylinders. Headers are generally circular steel tubing with bends and folds calculated to make the paths from each cylinder's exhaust port to the common outlet to be of equal length, and joined at narrow angles to encourage pressure waves to flow through the outlet, and not back towards other cylinders. In a set of tuned headers the pipe lengths are carefully calculated to enhance exhaust flow in particular engine speed range (design speed range). The heat transfer conditions in automotive exhaust piping are only recently being studied in depth because of their important role in the design and optimization phases of exhaust after-treatment systems. The complex geometry of the exhaust line and the special flow conditions complicate the problem of accurately estimating several important heat transfer parameters.



Kumaraswamy K.L.
Praveen Math

Prof. Kumaraswamy K.L. and Prof. Praveen Math are working in School of mechanical engineering REVA UNIVERSITY, Bangalore. Both done PG course in Thermal Power engineering.

Study of Gas Side Convective Heat Transfer in an Automobile Engine



978-3-330-01142-7

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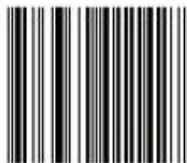
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Kumaraswamy K.L.
Praveen Math

Prof. Kumaraswamy KL and Prof. Praveen Math are working in School of mechanical engineering REVA UNIVERSITY, Bangalore. Both done PG course in Thermal Power engineering.

Study of Gas Side Convective Heat Transfer in an Automobile Engine



978-3-330-01142-7

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Robotics is a prominent component of manufacturing automation which will affect human labour at all levels, from unskilled workers to professional engineers and managers of production. Future robots may find applications outside of the factory in banks, restaurants, military and even homes. It is possible perhaps likely that robotics will become a field, like today's computer technology, which pervasive throughout our society. Automation and robotics are two closely related technologies. In an industrial context, we can define automation as a technology that is concerned with the use of mechanical, electronic, and computer-based systems in the operation mechanized assembly machines, feedback control systems (applied to industrial process), numerically controlled machine tools, and robots. Accordingly, robotics is form of industrial automation.

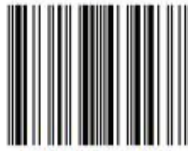


Praveen Math

Special Task Force ROBO



Mr. Praveen Math, Assistant Professor in the School of Mechanical Engineering, REVA University, Bangalore, INDIA. He has Master degree in Thermal Power Engineering and Bachelor of Engineering from Visveswaraya Technological University, Belagavi and currently pursuing Ph.D in welding technology.



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Total number of books published.

Year	2019-20
Number	9

ENGINEERING CHEMISTRY

Dr. Madhusudana Reddy M.B



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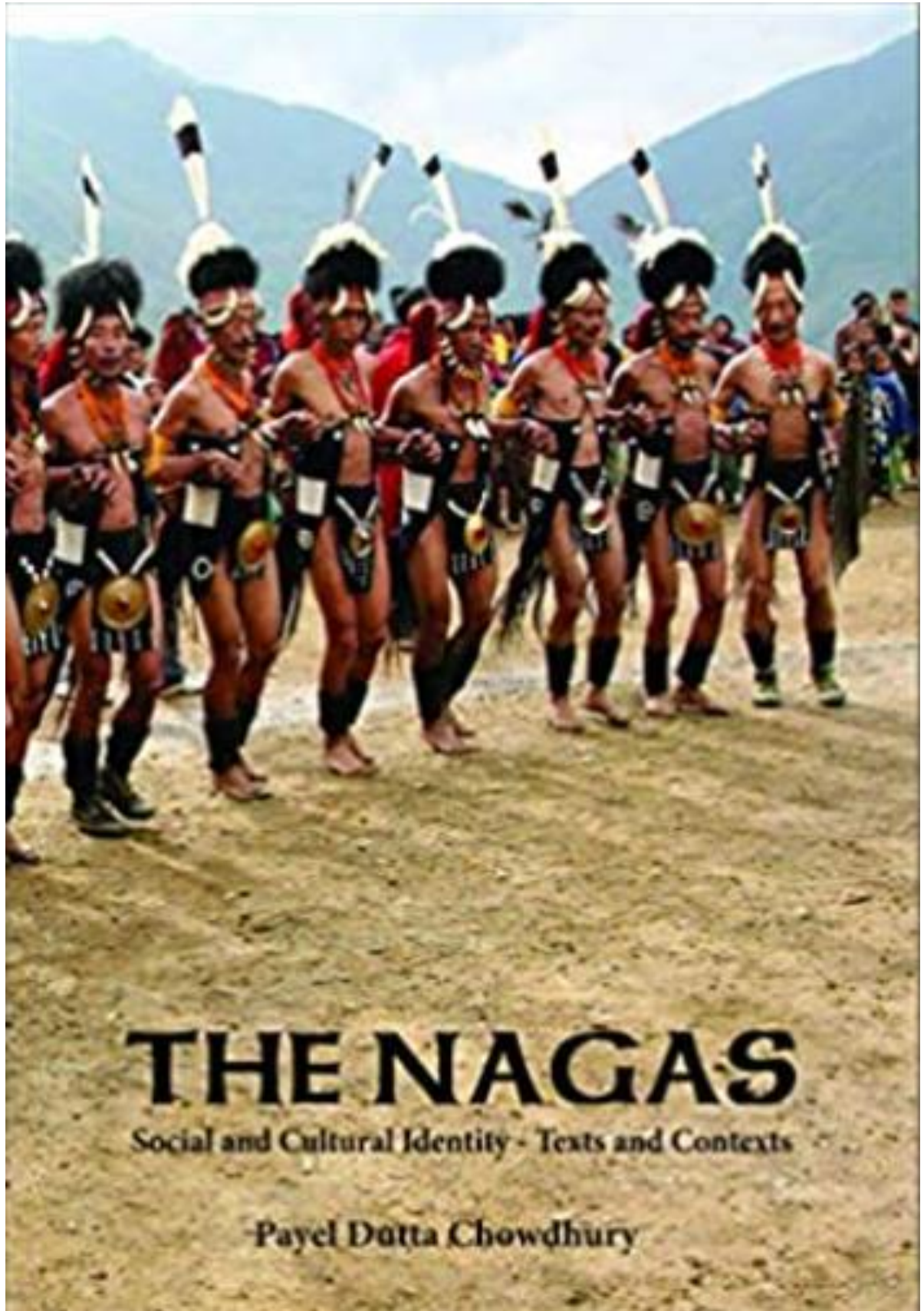
Joy of Engineering & Management

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Prof. Ramesh Chandra Panda
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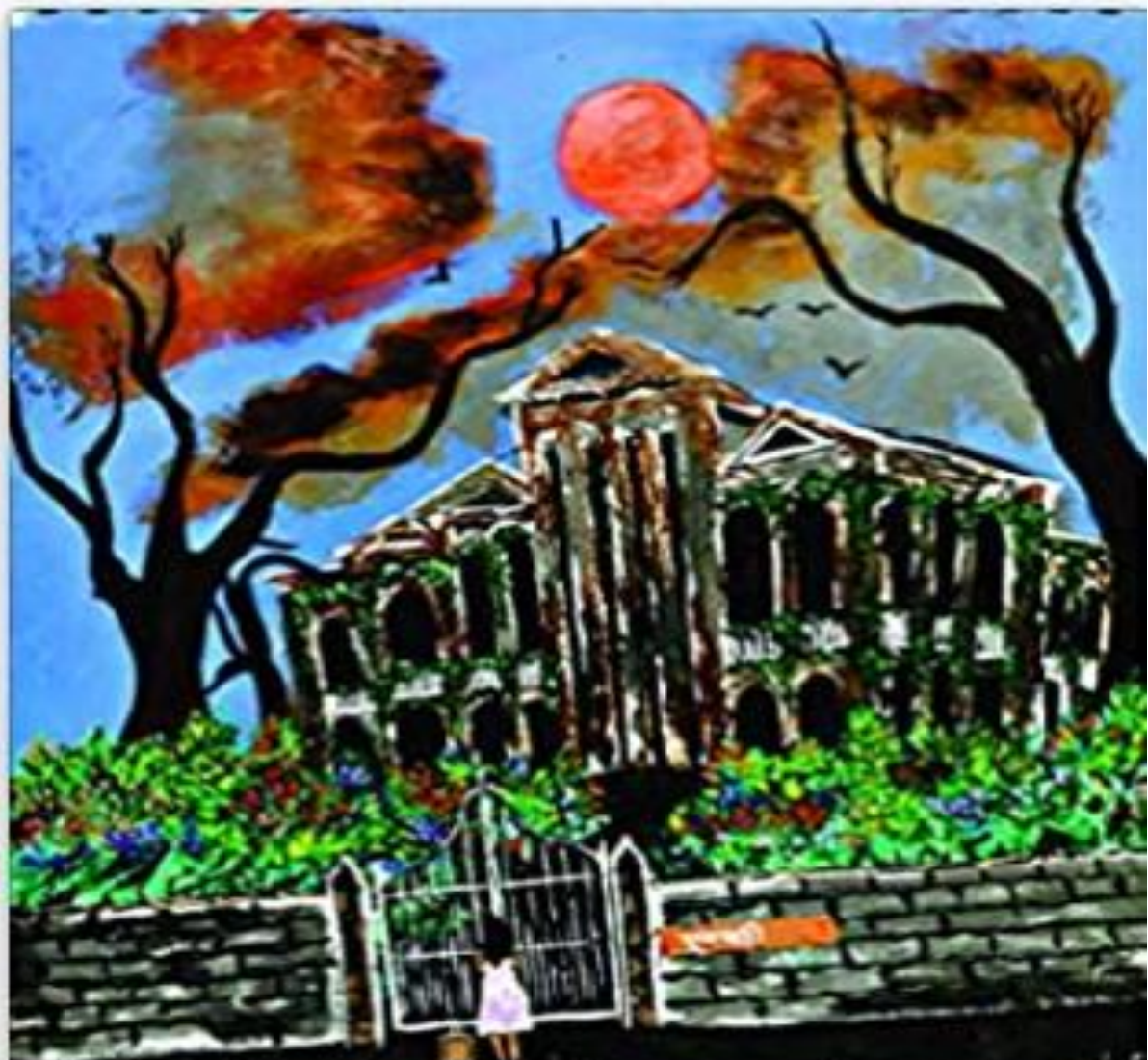




THE NAGAS

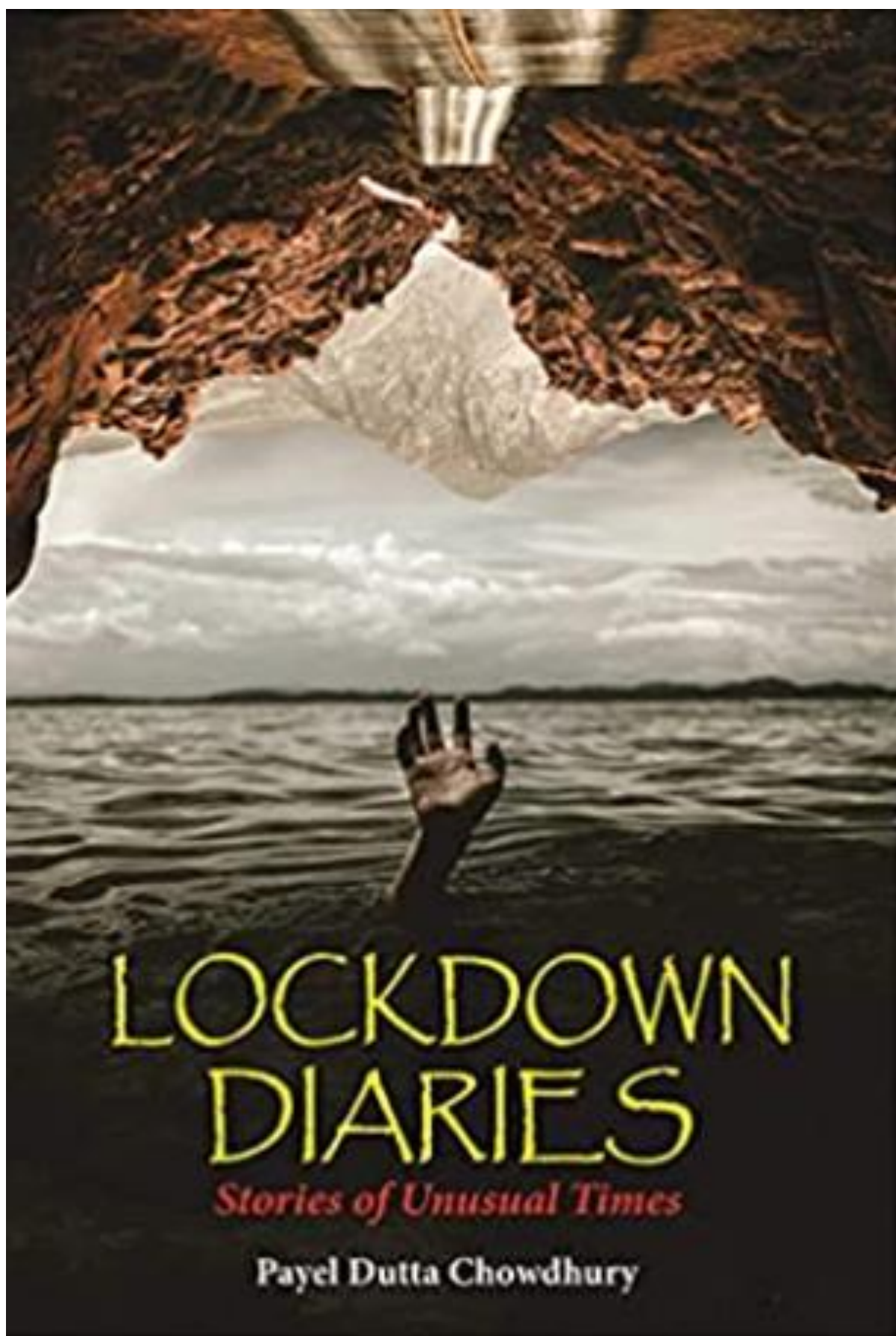
Social and Cultural Identity - Texts and Contexts

Payel Dutta Chowdhury



The Women of
Phoolbari and Other Stories

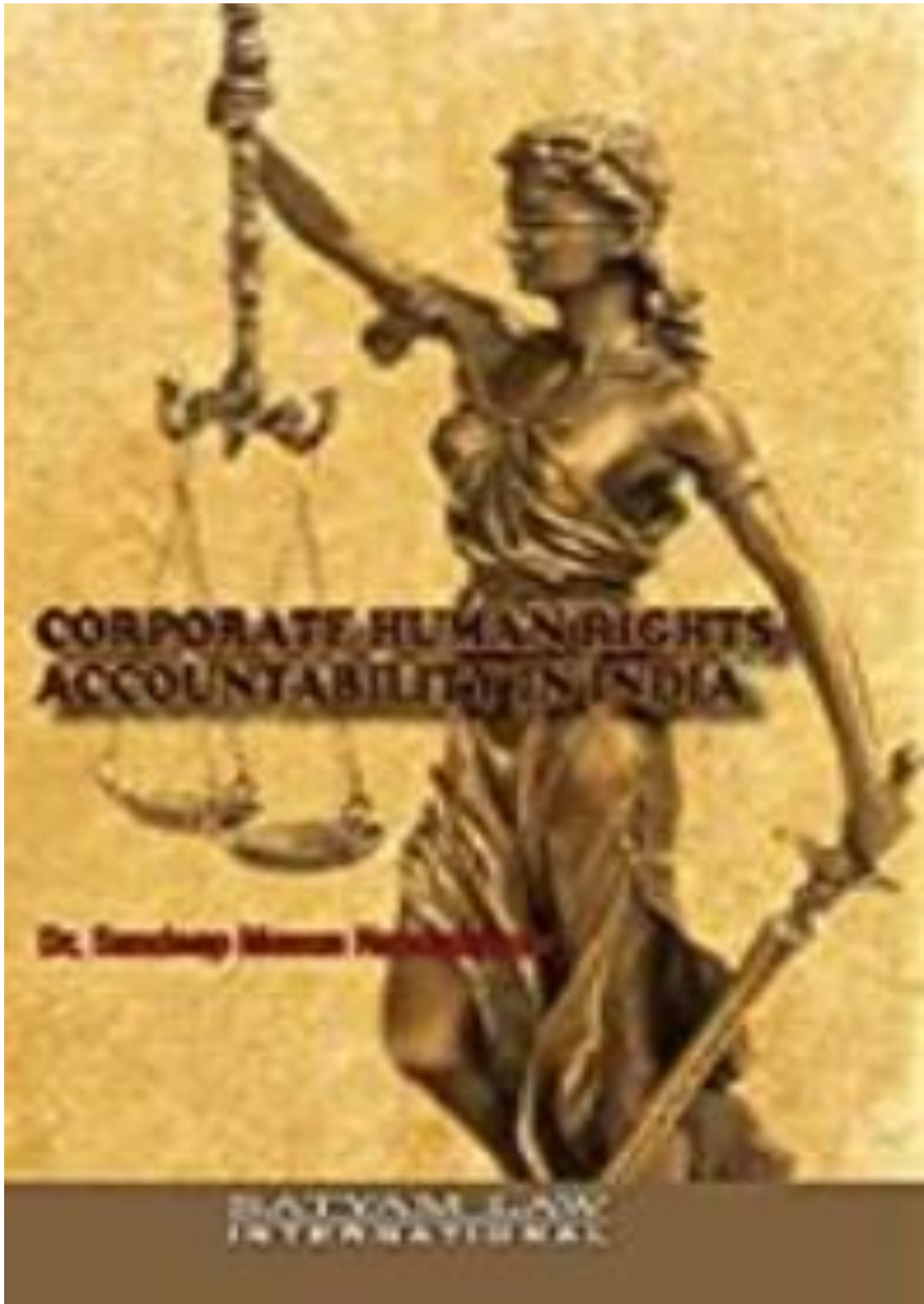
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LOCKDOWN DIARIES

Stories of Unusual Times

Payel Dutta Chowdhury



**CORPORATE HUMAN RIGHTS
ACCOUNTABILITY IN INDIA**

Dr. Sandeep Kumar Prasad

**EPOCHAL FLOW
INTERNATIONAL**

A solar cooker is a device which uses the energy of direct sunlight to heat, cook or pasteurize drink and other food materials. Many solar cookers currently in use are relatively inexpensive, low-tech devices, although some are as powerful or as expensive as traditional stoves and advanced, large-scale solar cookers can cook for hundreds of people. Because they use no fuel and cost nothing to operate, many nonprofit organizations are promoting their use worldwide in order to help reduce fuel costs (especially where monetary reciprocity is low) and air pollution, and to slow down the deforestation and desertification caused by gathering firewood for cooking.



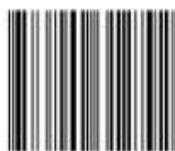
Praveen Math



Prof. Praveen Math, Assistant Professor in the School of Mechanical Engineering, REVA University, Bangalore has teaching experience of 5 years. He has Master degree in Thermal Power Engineering and Bachelor of Engineering from VTU, Belagavi and currently pursuing Ph.D. in welding optimization process parameters.

Introduction to solar cooker and its performance

A STUDY ON SOLAR COOKER



978-620-0-31279-2

 **LAMBERT**
Academic Publishing

When two fluids at different temperature are mixed, a spatial and time temperature fluctuation occurs. If this fluctuation is high, it may causes damages to the structure due to high cycle thermal fatigue and this is called as thermal stripping phenomena. This phenomenon is important for safety of reactors, which uses liquid metal as the coolant. Mixing areas of low and high temperature fluids exist in atomic as well as in general plant. Several experiments are done to evaluate thermal stripping phenomena. Temperature distribution and velocity field in the mixing tee can be studied by experiments, by carrying out plant trails or water modeling but are costly and time consuming. Now Computational Fluid Dynamics (CFD) is an alternative to reduce the number of experiments required, And CFD reduces cost and time required for the designing process. Further it provides more insight into the flow process.



Kumaraswamy K L
Praveen Math

Professor Kumaraswamy K L and Professor Praveen Math working as
Assistant Professor in REVA UNIVERSITY Bangalore.

CFS Application In Nuclear Reactor Cooling Circuits



978-613-9-45535-5

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Aditya Balaji
Rajashakar P Nand
Nagaraj Hediyal

A Guide on MPPT for PV Applications

 **LAMBERT**
Academic Publishing

Total number of books published.

Year	2020-21
Number	13

SMART KEYS FOR SMART ECO-FRIENDLY CITIES



Dr. Vimala Swamy is an academician, professional, and researcher in architecture and urban planning. She has experience in numerous facets of architecture, urban planning, landscape, and interior design. Apart from her teaching and professional work, she has been doing research and has made presentations at various international and national conferences, and has published more than thirty research papers in journals. Her doctoral thesis emphasized Eco-Friendly Cities, which is an issue that is attracting attention worldwide. Her areas of interest are modified land-use patterns, solar/ passive architecture, eco-friendly cities, and smart cities. Dr. Swamy received a National Award in the "Best Teachers" category from A3 Foundation, Chandigarh in 2016, and "Professor Indira Parikh's 50 Women in Education Award" from World Education Congress, Mumbai on July 4, 2019. She is currently a Professor at the School of Architecture, REVA University, Bengaluru, and an Independent Director in Hubballi Dharwad Smart City Limited (HDSCL).



SMART KEYS FOR SMART ECO-FRIENDLY CITIES

Dr. Vimala Swamy | BUUKS

SMART KEYS FOR SMART ECO-FRIENDLY CITIES

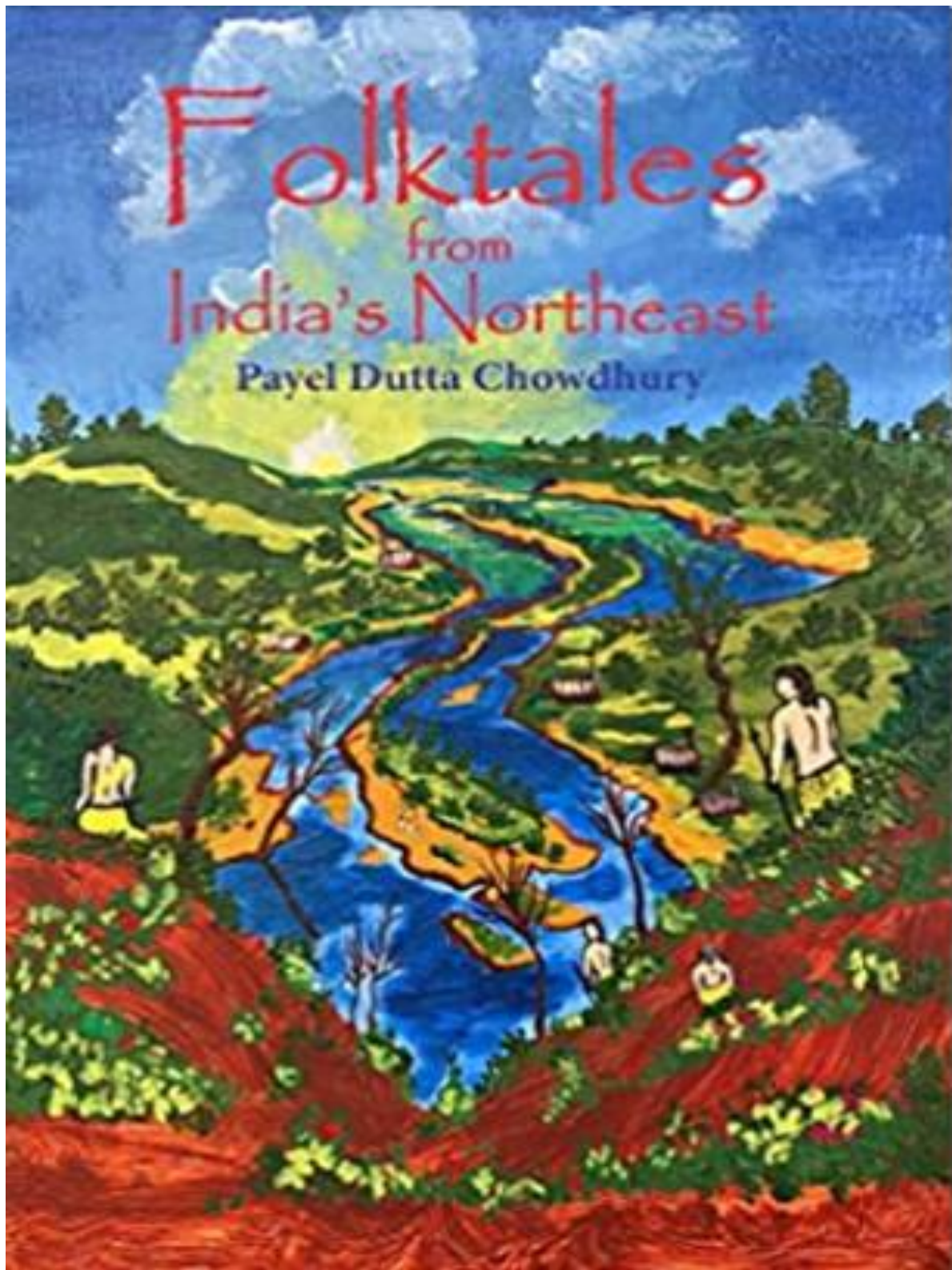
Dr. Vimala Swamy
Architect & Urban Planner

Folktales

from

India's Northeast

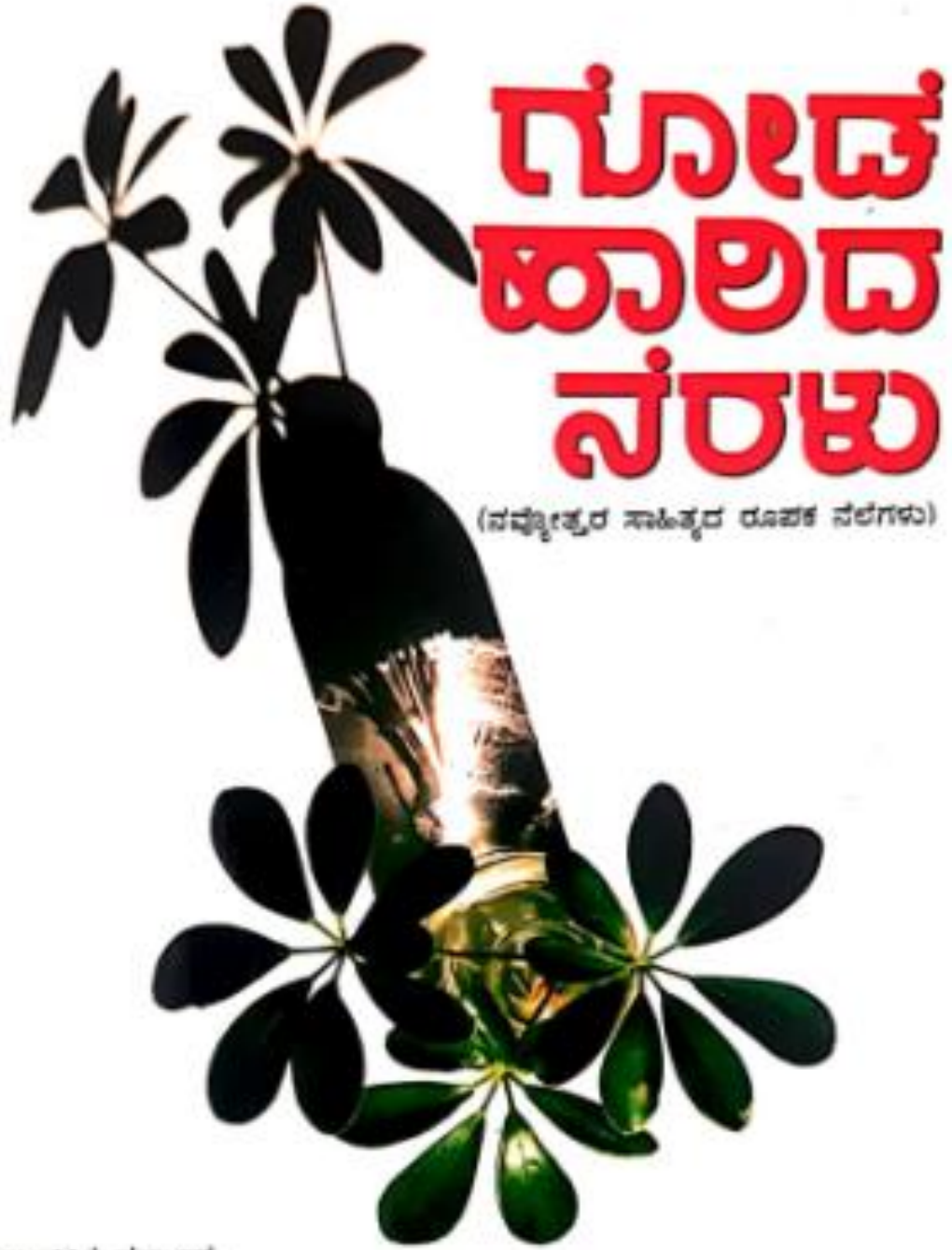
Payel Dutta Chowdhury





RHYME,
RHYTHM *and* HUE

Kaushik Tanedar ©



ಗೋಡೆ ಹಾಲಿದ ನರಳು

(ವಜ್ರೀಶ್ವರ ಸಾಹಿತ್ಯದ ರೂಪಕ ನೆಲೆಗಳು)

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕನ್ನಡ ಪುಸ್ತಕ ಪ್ರಾಧಿಕಾರ, ಬೆಂಗಳೂರು
ಇವರ ಧನ ಸಹಾಯ ಪಡೆದ ಕೃತಿ

ಡಾ. ಪ್ರಸನ್ನ ಟಿ ಟಿ

ROUTLEDGE
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Behavioural Dynamics at the Workplace

A Guide to Introspect, Practice and Transform

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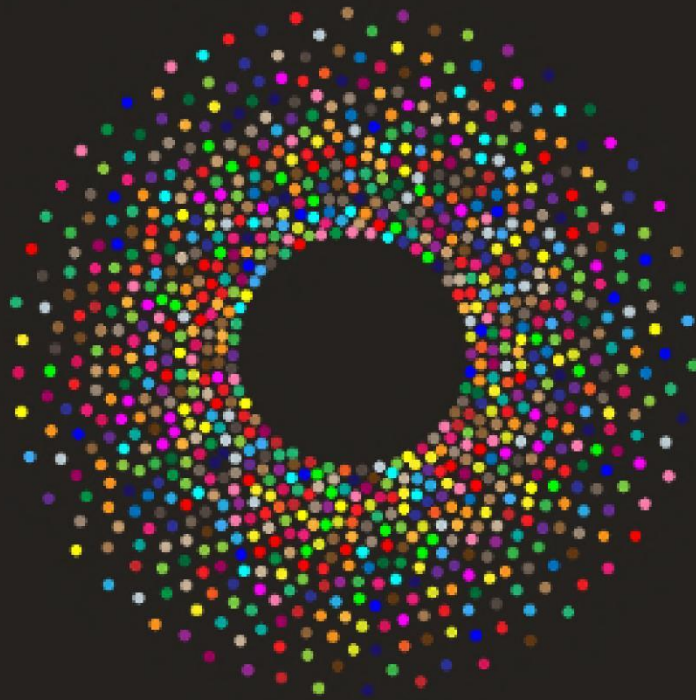
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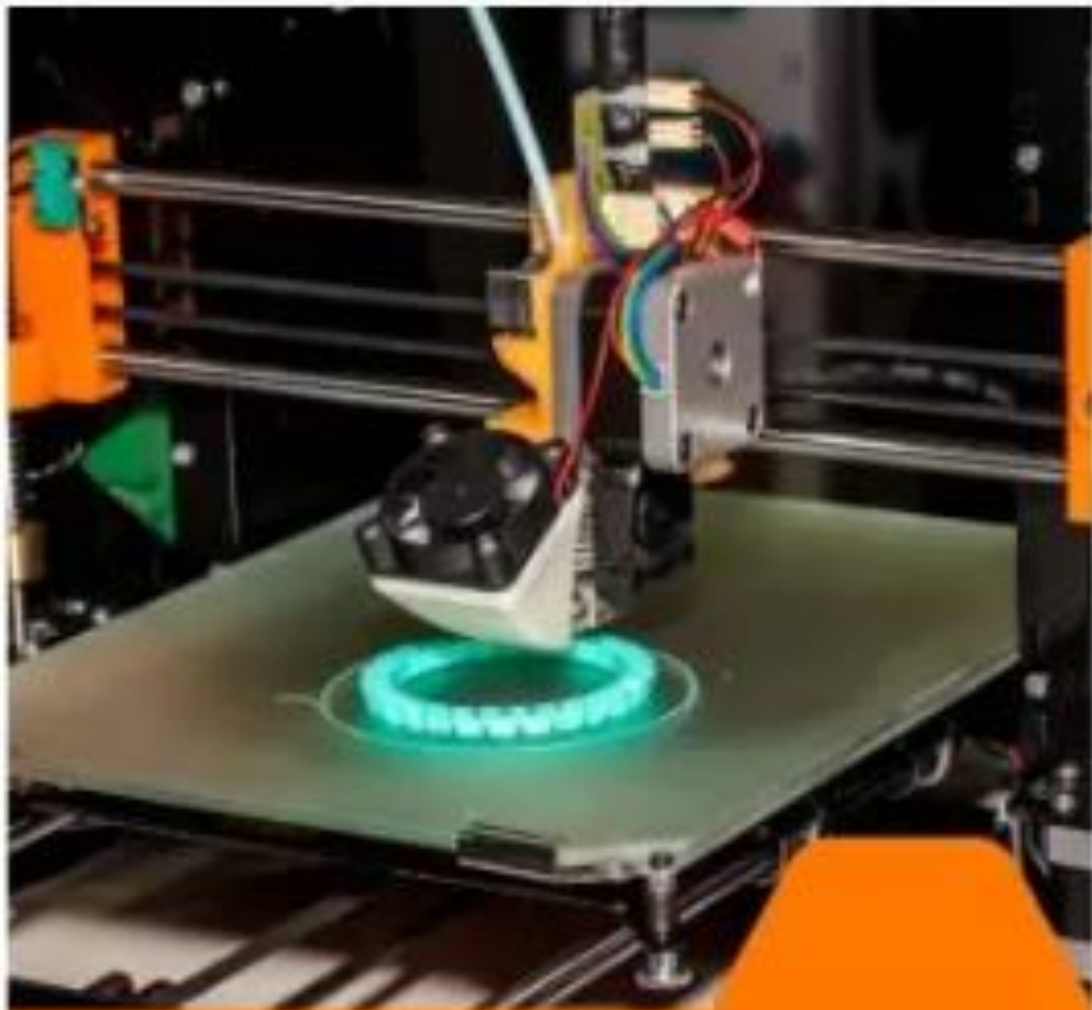
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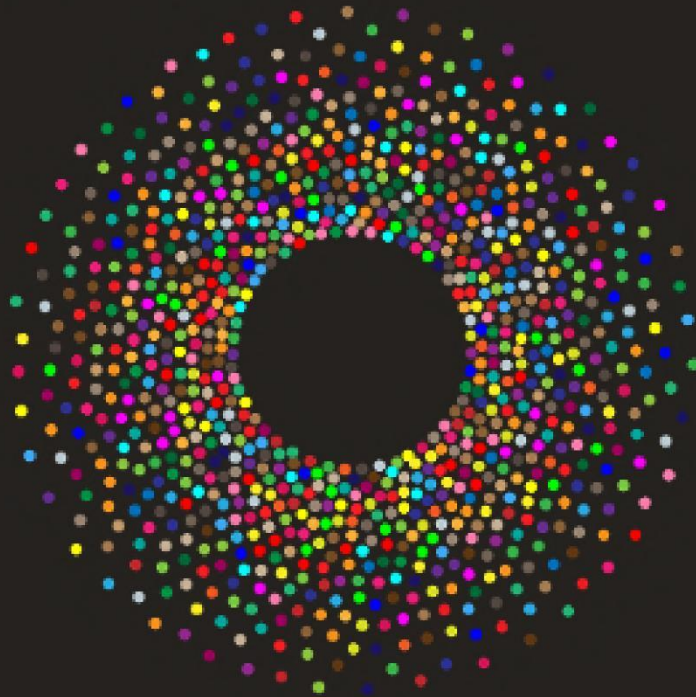
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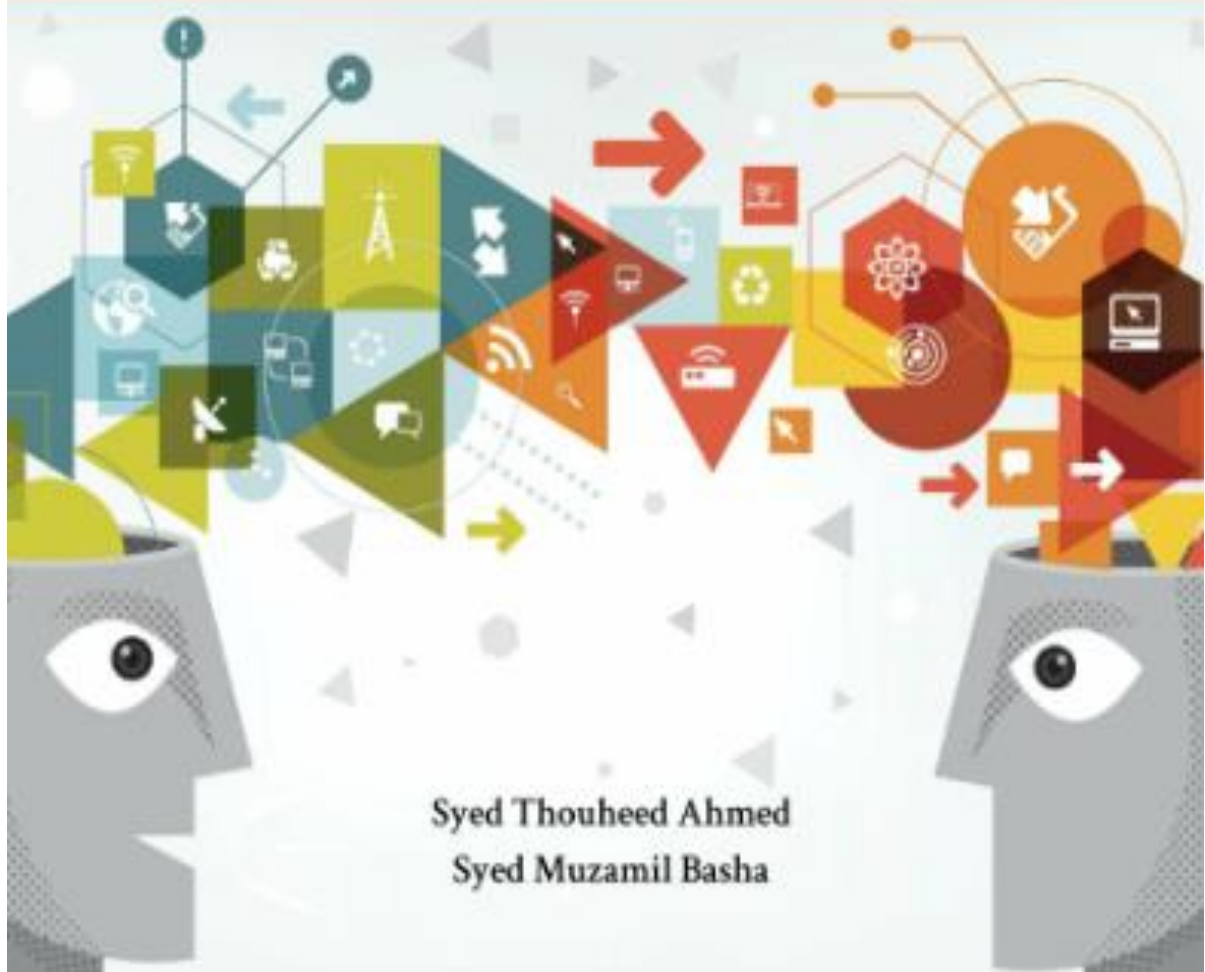
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The book cover features a dark, futuristic background with a server rack on the right side. The server rack has several circular lights and a screen displaying a line graph. In the foreground, a laptop is partially visible. The title 'Artificial Intelligence and Machine Learning' is written in large, bold, yellow letters. Below the title, '1st Edition' is written in a smaller, white font. At the bottom, the authors' names are listed in white text.

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About the Book

Machine learning consists of designing efficient and accurate prediction algorithms. As in other areas of computer science, some critical measures of the quality of these algorithms are their time and space complexity. But, in machine learning, we will need additionally a notion of sample complexity to evaluate the sample size required for the algorithm to learn a family of concepts. More generally, theoretical learning guarantees for an algorithm depend on the complexity of the concept classes considered and the size of the training sample.

Machine learning, at its core, is concerned with algorithms that transform information into actionable intelligence. This fact makes machine learning well-suited to the present day era of Big Data. Without machine learning, it would be nearly impossible to keep up with the massive stream of information.

Intention of author is to pursue a middle ground between a theoretical textbook and one that focuses on applications. The book concentrates on the important ideas in machine learning.

The book is not a handbook of machine learning practice; instead, the goal is to give the reader sufficient preparation to make the extensive literature on machine learning accessible.

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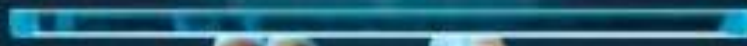
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