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3.2.2 Number of books and chapters in edited volumes/books published and papers published national / international conference proceedings per teacher during the year

SUMMARY SHEET

Academic Year	2020-21
TOTAL	7

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Academic Year 2020-2021

Research Publications – Book & Book Chapters

Sl. No	Name of the Faculty Author	Title of the Book Chapter	Name of the Publisher	ISBN Number	URL
1	DR. NARAYANA GARLAPATI	INTRODUCTION TO INTERNET ON THINGS	BH INTERNATIONAL PUBLICATIONS	978-81-949705-5-2	https://isbn.gov.in/v2/RecentlyPublishedBooks.aspx
2	DR. SATYANARAYANA INDIGIBILLI	INTRODUCTION TO INTERNET ON THINGS	BH INTERNATIONAL PUBLICATIONS	978-81-949705-5-2	https://isbn.gov.in/v2/RecentlyPublishedBooks.aspx
3	PROF. SURESH BALLALA	INTRODUCTION TO INTERNET ON THINGS	BH INTERNATIONAL PUBLICATIONS	978-81-949705-5-2	https://isbn.gov.in/v2/RecentlyPublishedBooks.aspx
4	DR. S.SURESH SUBRAMANIAN	INTRODUCTION TO INTERNET ON THINGS	BH INTERNATIONAL PUBLICATIONS	978-81-949705-5-2	https://isbn.gov.in/v2/RecentlyPublishedBooks.aspx
5	DR.I.SATYANARAYANA	THERMODYNAMIC ANALYSIS OF SUPER CRITICAL POWER CYCLE	LAMBERT	978-6203198195	https://www.lap-publishing.com/

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Title :
Introduction to
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OF THINGS**

Author's Name:
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Dr. Satyanarayana Indigibilli
Prof. Suresh Ballala
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INTRODUCTION TO INTERNET OF THINGS

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PREFACE

This Book "Introduction to Internet of Things" introduces and moves onto experimenting and creating your prototype project. It helps to software engineers, web developers, product designers, and electronics engineers start designing Internet of Things products. It also covers the microcontrollers, electronics, embedded programming, and web APIs, among other technical topics of interest, in getting an overview of this exciting upcoming technology.

First of all we express my gratitude to BH INTERNATIONAL PUBLICATIONS. We acknowledge our sincere thanks to all of our family members for their encouragement in making this book a success.

Dr. Narayana Garlapati

Dr. Satyanarayana Indigibilli

Prof. Suresh Ballala

Dr. Suresh Subramanian

Contents

Preface	6
Chapter 1: The Internet of Things: An Overview	7
The Flavour of the Internet of Things	8
The "Internet" of "Things"	9
The Technology of the Internet of Things	12
Enchanted Objects	16
Who is Making the Internet of Things?	17
Summary	19
Chapter 2: Design Principles for Connected Devices	21
Calm and Ambient Technology	22
Magic as Metaphor	27
Privacy	31
Keeping Secrets	31
Whose Data Is It Anyway?	33
Web Thinking for Connected Devices	34
Small Pieces, Loosely Joined	34
First-Class Citizens On The Internet	35
Graceful Degradation	36
Affordances	37
Summary	39
Chapter 3: Internet Principles	41
Internet Communications: An Overview	42
IP	42
TCP	43
The IP Protocol Suite (TCP/IP)	44
UDP	44
IP Addresses	45
DNS	46
Static IP Address Assignment	48
Dynamic IP Address Assignment	49
IPv6	50
MAC Addresses	51
TCP and UDP Ports	52
An Example: HTTP Ports	53
Other Common Ports	55
Application Layer Protocols	55
HTTP	56
HTTPS: Encrypted HTTP	59
Other Application Layer Protocols	60

Summary	61
Chapter 4: Thinking About Prototyping	63
Sketching	64
Familiarity	68
Costs versus Ease of Prototyping	69
Prototypes and Production	72
Changing Embedded Platform	72
Physical Prototypes and Mass Personalisation	73
Climbing into the Cloud	73
Open Source versus Closed Source	75
Why Closed?	77
Why Open?	78
Mixing Open and Closed Source	82
Closed Source for Mass Market Projects	83
Tapping into the Community	83
Summary	85
Chapter 5: Prototyping Embedded Devices	87
Electronics	88
Sensors	90
Actuators	90
Scaling Up the Electronics	91
Embedded Computing Basics	94
Microcontrollers	94
System-on-Chips	95
Choosing Your Platform	96
Arduino	100
Developing on the Arduino	102
Some Notes on the Hardware	107
Openness	109
Raspberry Pi	111
Cases and Extension Boards	113
Developing on the Raspberry Pi	114
Some Notes on the Hardware	120
Openness	121
BeagleBone Black	122
Cases and Extension Boards	124
Developing on the BeagleBone	124
Some Notes on the Hardware	129
Openness	129
Electric Imp	130
Developing on the Electric Imp	132
Other Notable Platforms	141
Mobile Phones and Tablets	142
Plug Computing: Always-on Internet of Things	143
Summary	144

Chapter 6: Prototyping the Physical Design	147
Preparation	148
Sketch, Iterate, and Explore	150
Nondigital Methods	152
Laser Cutting	154
Choosing a Laser Cutter	155
Software	156
Hinges and Joints	157
3D Printing	161
Types of 3D Printing	162
Software	164
CNC Milling	166
Repurposing/Recycling	168
Summary	172
Chapter 7: Prototyping Online Components	173
Getting Started with an API	174
Mashing Up APIs	175
Scraping	176
Legalities	177
Writing a New API	177
Clockodillo	178
Security	179
Implementing the API	183
Using Curl to Test	191
Going Further	194
Real-Time Reactions	198
Polling	199
Comet	199
Other Protocols	202
MQ Telemetry Transport	203
Extensible Messaging and Presence Protocol	203
Constrained Application Protocol	203
Summary	204
Chapter 8: Techniques for Writing Embedded Code	205
Memory Management	206
Types of Memory	206
Making the Most of Your RAM	208
Performance and Battery Life	214
Libraries	217
Debugging	219
Summary	223

Introduction to INTERNET OF THINGS



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Thermodynamic Analysis of Supercritical Power Cycle

Thermal Power Cycle in Mechanical Engineering


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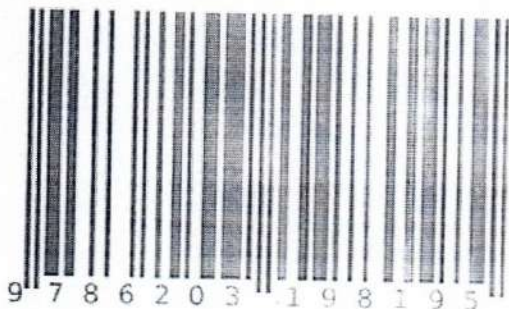


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This book is aimed at studying and analysing the supercritical Rankine cycle (SCRC) thermodynamically, i.e., both from the energy efficiency and exergy efficiency point of view. The turbine inlet pressure, turbine inlet temperature, reheat pressure ratio, condenser pressure, boiler flue gas inlet temperature and boiler flue gas outlet temperatures have been identified as key parameters, which affect the performance of the supercritical Rankine cycle. The effect of these parameters on energy efficiency, total exergy loss in each component and exergy efficiency of supercritical Rankine cycle has been analysed. To analyze the supercritical Rankine cycle, it is necessary to have the thermodynamic properties of steam above the critical point. These properties of the steam upto the critical point of it are readily available in the standard steam table for different temperatures at a given pressure or for different pressures at a given temperature. But to find the steam properties at a given temperature and pressure, the thermodynamic relationships are to be used. The relationships to find steam properties at subcritical temperature are simple.



Dr. Indigibilli Satyanarayana joined as Principal in Sri Indu Institute of Engineering Technology, Sheriguda(V), Ibrahimpatnam(M), Hyderabad, Ranga Reddy district, Telangana,. He did masters degree from the prestigious institute, Indian Institute of Technology (IIT), Kharagpur in 1997. He awarded Ph.D. degree from the JNTUH, Hyderabad in 2012.



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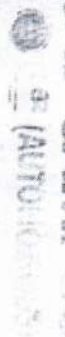
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1	V. BHAVANA	AN EXPERIMENTAL INVESTIGATION STEEL & SILICA FAMES AS COMPOSITE MINEARL ADMIXTURES	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS (AUTONOMOUS)
2	V .BHAVANA	STUDY ON TORSION BEHAVIOUR OF ASYMMETRIC BUILDING USING ETABS	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS (AUTONOMOUS)

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