

# Grid Power Converters for Wind and Photovoltaic Systems

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Dr.P.Vinoth Kumar & Dr.A.Suresh

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Dr. P.Vinoth Kumar & Dr. A.Suresh

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## About the book

This book is organised in such a manner to satisfy the needs of researchers, academicians and students who are interested in the usage of power electronics in the field like wind energy, photovoltaic energy and smart grid systems. The future demand in energy can be satisfied only with the renewable energy and smart grids. The technical challenges for the integration of renewable energy with smart grid have been addressed in this book. The individual chapters concentrate on power converters used for efficient power generation using wind and photo voltaic energy. The methodology used in this book provides high speed and accuracy control for the energy conversion system.

## About the Authors



**Dr.P.Vinoth Kumar, M.E., Ph.D.**, working as Associate Professor in Geethanjali Institute of Science and Technology, Nellore, Andhra Pradesh. He has 7 years of teaching experience and member in social bodies like ISTE and ISRD. His area of interest is Power electronics for renewable energy system, Smart grids, Power electronics and drives.



**Dr. Suresh A, M.Tech., Ph.D.**, working as a Professor in the department of Electrical and Electronics Engineering at S.A. Engineering College, Chennai. His area of interest is Induction Heating. He has 19 years of teaching experience in Engineering College and a member in various social bodies like IET, ISTE and GEPPRA. He has published more than 80 papers in the area of Power Electronics, Network Security and Data Mining. He has received Indira Gandhi Sadbavana Gold Medal award in 2014. He have received Dr.A.P.J Abdul Kalam Gold Medal Award and Bharat Ratna Rajiv Gandhi Gold Medal Award in 2017.

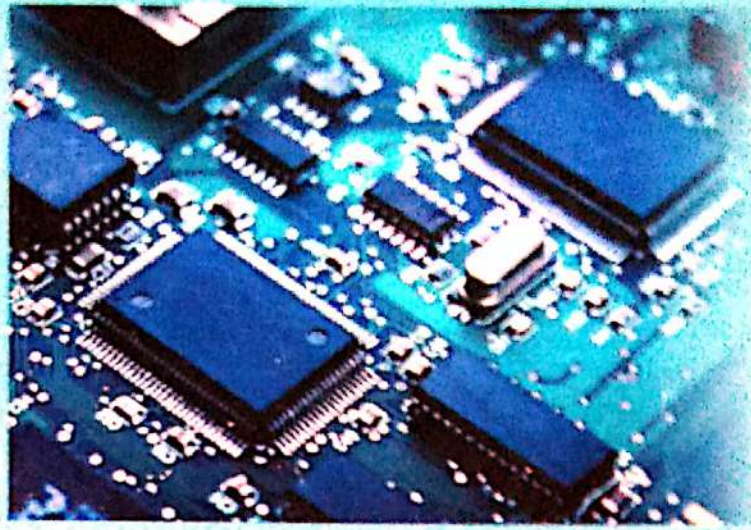
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# Circuit Theory

Dr. A. Suresh  
Dr. P. Vinoth Kumar

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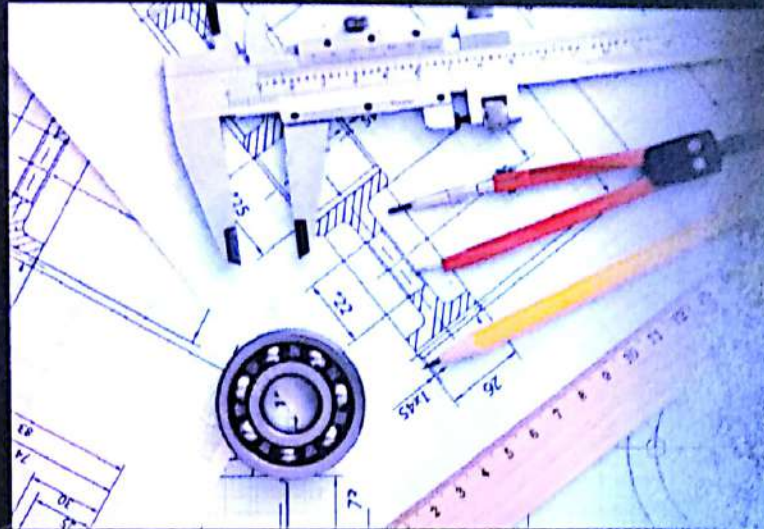
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For 2nd Semester CSE & IT

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# Basic Electrical, Electronics & Measurement Engineering

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Dr. A. Suresh  
Dr. P. Vinoth Kumar

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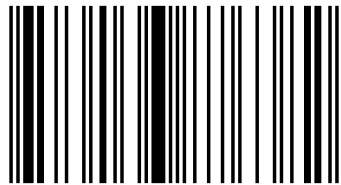
Term weighting is a useful technique that extracts important features from textual documents, thereby providing a basis for different Text Mining approaches. The objective of this work is to study the existing term weighting algorithms for feature extraction and to develop an efficient term weighting algorithm for mining salient features from internet based newswire sources. TF\*PDF (Term Frequency \* Proportional Document Frequency) is the most popular term weighting algorithm which extracts influential features from news archives. TF\*PDF satisfies the basic property of the features in news documents i.e., frequency and thus increases the accuracy when compared to other term weighing algorithms such as Binary, TF (Term Frequency), TF-IDF (Term Frequency-Inverse Document Frequency) and its variants. However, only frequency property is not sufficient for salient topic extraction. To overcome that problem, this book presents an innovative and effective term weighting algorithm that considers Position, Scattering and Topicality along with Frequency for extracting short lived and long running events.

Jahnavi Yeturu

# A New Term Weighting Algorithm for Identifying Salient Events



Y. Jahnavi received her BTech from JNTU, MTech from Sri Venkateswara Univeristy, Tirupathi and PhD from GITAM, Visakhapatnam. She qualified GATE, APSET and NET examinations. She is a member of CSI, LMISTE etc. She is currently working as a Professor and Head in the dept. of CSE at GIST, AP, India. She has been publishing papers in various journals.



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**A NEW TERM WEIGHTING ALGORITHM FOR  
IDENTIFYING SALIENT LONG RUNNING AND SHORT  
LIVED EVENTS**

**Y. JAHNAVI**

*LEARNING IS A CONTINUOUS PROCESS*

**A NEW TERM WEIGHTING ALGORITHM FOR  
IDENTIFYING SALIENT LONG RUNNING AND SHORT  
LIVED EVENTS**

**Y. JAHNAVI**

**Professor and Head of the Department**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Geethanjali Institute of Science and Technology

Andhra Pradesh

India.



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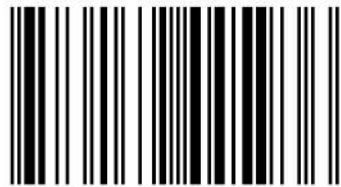
Y. Jahnvi received her BTech (Computer Science and Engineering) from JNTU, Hyderabad, MTech (Computer Science and Engineering) from Sri Venkateswara Univeristy, Tirupathi and PhD (Computer Science and Engineering) degree from GITAM University, Visakhapatnam. She qualified GATE, APSET and NET examinations. She is a member of CSI, LMISTE, IAENG, IRED. She is currently working as a Professor and Head in the Department of Computer Science and Engineering at GIST, Andhra Pradesh, India with more than a decade of teaching experience. Her interest areas include Data Mining, Machine Learning, Natural Language Processing techniques etc. She has been publishing papers in national and international journals. She has been invited as a keynote speaker and chaired various national and international conferences.

Jahnvi Yeturu



Y. Jahnvi received her BTech (CSE) from JNTUH, MTech (CSE) from Sri Venkateswara Univeristy, Tirupathi and PhD (CSE) degree from GITAM University, Visakhapatnam. She qualified GATE, APSET and NET examinations. She is currently working as a Professor and Head in the Department of Computer Science and Engineering at GIST, Andhra Pradesh, India.

## DATA CLASSIFICATION using WAIKATO ENVIRONMENT FOR KNOWLEDGE ANALYSIS



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# INTRODUCTION TO BIG DATA

For B.Tech 3rd Semester CSE  
(As per the Latest Syllabus of JNTUA)

K. Venkata Nagendra  
Dr. Maligela Ussnaiah



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# **INTRODUCTION TO BIG DATA**

**For B.Tech 3<sup>rd</sup> Semester CSE  
(As per the Latest Syllabus of JNTUA)**

Authors

**K. Venkata Nagendra**

M. Tech, (Ph.D). Associate Professor Department of Computer Science & Engineering, Geethanjali Institute of Science & Technology, Gangavaram (V), Kovur (M), SPSR Nellore (DT), Andhra Pradesh, India

**Dr. Maligela Ussnaiah**

Assistant Professor in the Department of Computer Science in Vikrama Simhapuri University, Nellore, Andhra Pradesh, India

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## About the author



**K. Venkata Nagendra** completed his Bachelor Degree in Computer Science at Krishna Chaitanya Degree College, Nellore, affiliated to Sri Venkateswara University. He completed his Master Degree in Computer Applications at Vidya Vikas Institute of Technology, Chevella, Hyderabad, affiliated to Jawaharlal Nehru Technological University, Hyderabad. He completed his Master of Engineering in Computer Science and Engineering at Acharya Nagarjuna University, Guntur. Now he is pursuing Ph.D in Computer Science at Vikrama Simhapuri University, Nellore, Andhra Pradesh, India.

He has published more than 20 papers in UGC listed Journals. He has got more than a Decade of experience in various engineering colleges. Currently he is working as an Associate Professor in CSE department at Geethanjali Institute of Science & Technology, Gangavaram (V), Kovur (MD), Nellore (DT). His areas of interest include Big Data; Data ware housing and Data Mining and Cloud Computing.

**Dr. Maligela Ussnaiah**, working as Assistant Professor in the Department of Computer Science in Vikrama Simhapuri University, Nellore, Andhra Pradesh, India. He is having 9 years of teaching experience. He did his Ph.D. in Computer Science from Sri Krishnadevaraya Univeristy, Ananthapur, Andhra Pradesh. His areas of interests are Networks, Mobile Wireless Networks, Big Data, Data warehousing and Data Mining and Image processing.



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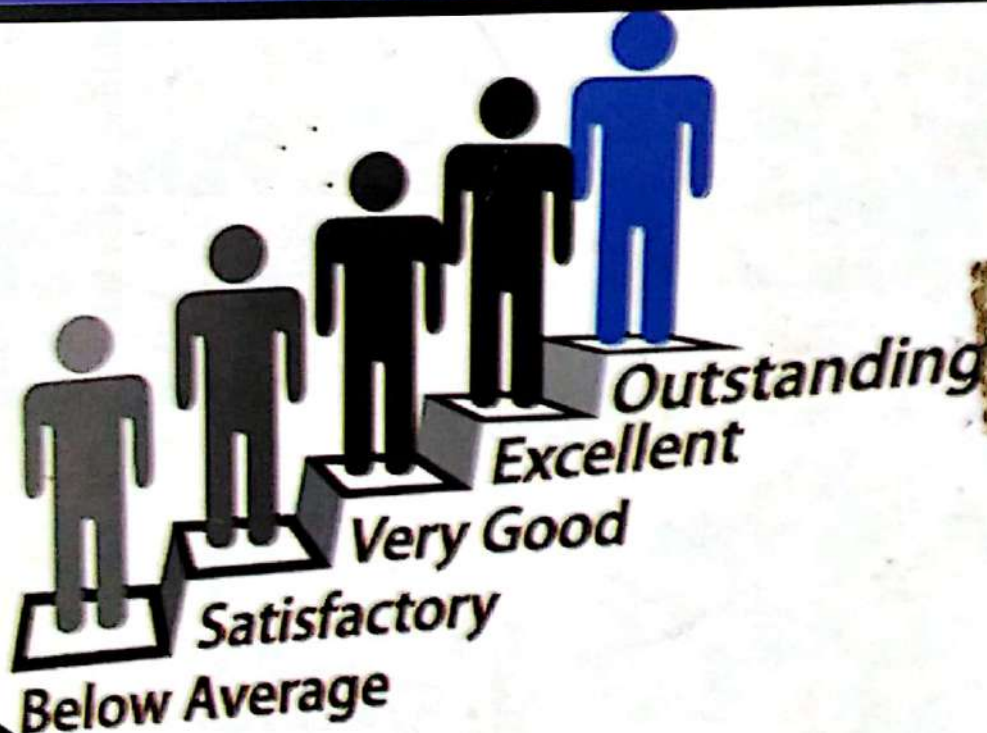
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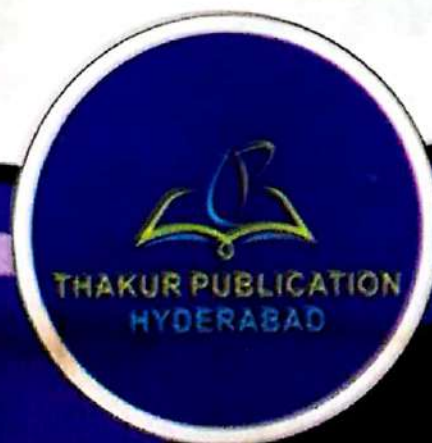


**Read To Lead**

# Performance Management



Dr. Nalla Bala Kalyan  
D. Swaroopa





# Performance Management

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## **Syllabus**

### **4E00314) PERFORMANCE MANAGEMENT**

**Introduction to Performance Management:** Concept - Performance Management vs. Performance Appraisal - Performance Management vs. Human Resource Management - Purposes-Significance.

**Mentoring and Monitoring:** Concept of Mentoring - Benefits of Mentoring - Characteristics of Mentor- Mentoring Process-Group Mentoring - Benefits - Types of Group Mentoring - Pitfalls Monitoring Performance - Performance Reviews: Objectives, Frequency of Review, Conducting Review Meetings, Problems in Conducting Meetings - Guidelines for Conducting Meetings.

**Coaching and Counselling:** Coaching for Performance Improvement - Concept - Tips for Effective Coaching Counselling - Functions of Counselling- Steps in Counseling Process.

**Annual Stock Taking:** Stock Taking of Performance - Uses - Appraisal System Design: Process and Approaches - Appraisal Methods - MBO and Assessment Centre - 360 Degree Appraisal - Balanced Score Card. Stock Taking of Potential - Appraisal for Reward - Appraisal for Recognition.

**Learning Organisation:** Concept of Learning Organisation- Learning Approaches - Learning Sources - Importance of Learning. Characteristics of Learning Organisation- Reward and Compensation Management - Concept and Types of Compensation- Objectives - Competitive Compensation Design - Fringe Benefits - Objectives - Factors influencing Fringe Benefits - Types of Fringe Benefits.



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### About the Author



**Dr. Nalla Bala Kalyan** is working as **Assistant Professor** in the Department of Management Studies at **Sri Venkateswara College of Engineering, Karakambadi Road, Tirupati**. **Dr. Nalla Bala Kalyan** has his Doctorate from Sri Venkateswara University, Tirupati, in the area of "Growth and Performance of Micro, Small and Medium Enterprises from Chittoor District of Andhra Pradesh, India". He is the author of more than 28 Research Papers published in various International Journals with ISSN. He has attended 15 National Conferences & 8 International Conferences and presented Papers which appeared in the proceedings published with ISBN. He can be reached at [drmallabala@gmail.com](mailto:drmallabala@gmail.com).



**Mrs. D. Swaroopa** is working as an **Associate Professor** in Management studies at **Geethanjali Institute of Science & Technology, Nellore**. She received her **MBA** degree in Human Resource & Marketing with 80% marks from JNT University, Anantapur. She has scored 75% marks in **B.Ed** from Sri Venkateswara University. She has qualified "APSET" in November 2013 in the subject of 'Management'. After her education she joined teaching industry and since then she has been in teaching for more than **9 years** for the students of Management Studies and Engineering courses. She has also participated in many Conferences, Seminars and Workshops of National & International level.

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