

Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years . . .

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Link
1	Prasad Puthiyilam	Applications of Nanotechnology	---	---	---	International	2018	978-613-9-58532-8	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-58532-8/applications-of-nanotechnology
2	Abhinaya Nellerichole	Nanotechnology in Biomedical Engineering	---	---	---	International	2018	978-613-9-83115-9	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.morebooks.de/store/gb/book/nanotechnology-in-biomedical-engineering/isbn/978-613-9-83115-9
3	Prasad P. Embrandi	Applications of Bio-Nanotechnology	---	---	---	International	2018	978-613-9-81794-8	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.morebooks.de/store/gb/book/applications-of-bio-nanotechnology/isbn/978-613-9-81794-8
4	Shareefraza J. Ukkund, Prasad Puthiyilam	Foundation of Nanoscale Science and Technology	---	---	---	International	2018	978-613-9-58649-3	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-58649-3/foundation-of-nanoscale-science-and-technology
5	Abhinaya Nellerichole, Apoorva B. Udupa and Prasad Puthiyilam	Fundamentals of Bioscience	---	---	---	International	2018	978-613-9-82263-8	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-82263-8/fundamentals-of-bioscience
6	Prasad Puthiyilam, Savitri Prasad and Narayana Hebbar	Fundamentals of Material Science	---	---	---	International	2018	978-3-659-93009-6	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.morebooks.de/store/gb/book/fundamentals-of-material-science/isbn/978-3-659-93009-6
7	Shareefraza J. Ukkund, Shrinivasa D. Mayya and Prasad Puthiyilam	Mechanical Operations	---	---	---	International	2018	978-613-9-82679-0	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.amazon.de/Mechanical-Operations-Concepts-Equipment-Applications/dp/6139825792
8	Prasad Puthiyilam	Molecular Biology and Genetic Engineering	---	---	---	International	2018	978-613-9-82325-3	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-82325-3/molecular-biology-and-genetic-engineering
9	Shareefraza J. Ukkund	Nano-Electronics and Quantum Computation	---	---	---	International	2018	978-613-9-81812-9	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.morebooks.de/store/gb/book/nano-electronics-and-quantum-computation/isbn/978-613-9-81812-9
10	Naveen Kumar J. R. and Prasad Puthiyilam	Nanomaterials Characterization	---	---	---	International	2018	978-3-330-34221-7	Srinivas Institute of Technology	Lap Lambert Academic Publishing	NA
11	Naveen Kumar J. R., Shareefraza J. Ukkund and Prasad Puthiyilam	Synthesis and Processing Techniques	---	---	---	International	2018	978-613-9-81532-6	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.hugendubel.de/de/buch/naveen_kumar_jagada_pura_ramegowda_shareefraza_j_ukkund_prasad_puthiyilam-synthesis_and_processing_techniques-33043927-produkt-details.html
12	Shareefraza J. Ukkund, Smita Rai and Prasad Puthiyilam	Synthesis of Nanomaterials	---	---	---	International	2018	978-613-9-82137-2	Srinivas Institute of Technology	Lap Lambert Academic Publishing	https://www.amazon.com/Synthesis-Nanomaterials-Procedures-Importance-Applications/dp/6139821372
13	Chethan I C		Fatigue crack growth analysis of a wing stiffened panel		International conference on Innovations and emerging trends in	International	2018	0975-9730	Srinivas Institute of Technology	International Journal Of Current trend in science and technology	http://currentsciences.info/index.php/cst/article/view/240
14	Dr. Ramakrishna N Hegde	Management and Engineering Economics				National	2018	978-93-87308-04-6	SIT Mangaluru	Sapna Book House Pvt Ltd	https://www.sapnaonline.com/books/management-engineering-economics-5-sem-rk-hegde-9387308049-9789387308046
15	Dr Ramachandra GG		Reliability Assessment and Study of Quality Control Tools on Intermixer and Dump Mill of a Tyre Manufacturing Industry			MATEC Web of Conferences 144, 05005	2018	201814405001	SIT Mangaluru		https://scholar.google.co.in/citations?user=E1NMeEMAAAA&hl=en&dq=s.md_cita-d&p=&u=%2F&view_op%3Dview_citation%26%3Den%26user%3DFINMeEMAAAA%26citation_for_view%3DE1NMeEMAAAA%3A0KyAp5RtaNEC%25teom%3D-330

16	Dheeraj Hebri		Multimodal authentication of ocular biometric and finger vein verification in	ICGSC-2018	International Conference on Computer Networks, Security	International	2018	227	Srinivas Institute of Technology	Journal of Information and Communication Technology (JICT)	https://www.sciencepubco.com/index.php/ijet/article/view/35909/6656
17	Jose Alex Mathew		Adept Disseminated Arithmetic based Discrete Cosine Transform	Springer Advances in Intelligent Systems and Computing (AISC) Series	International Confer ON EMERGING TECHNOLOGIES IN DATA MINING AND	International	2018	ISSN: 2194-5357	Srinivas Institute of Technology, Mangalore	Springer	NA
18	Dr Ramachandra CG		Implementation of total productive maintenance (TPM) to increase overall equipment efficiency of an hotel industry		MATEC Web of Conferences 144, 05004		2018	201814405004	SIT Mangaluru		NA
19	Pavani k		Aerodynamic Performance of A Ducted Propeller		International conference on Innovations and emerging research in Management	International	2017	2278-5359	M S Ramaiah University of Applied Sciences	International Journal of Emerging Research in Management & Technology (IJERMT)	NA
20	Dr. Ramakrishna N Hegde	Applied Thermodynamics				National	2017	978-81-280-0225-0	SIT Mangaluru	Sapna Book House Pvt Ltd	https://www.sapnaonline.com/books/applied-thermodynamics-6070806
21	Dr. Ramakrishna N Hegde		Heat Transfer Augmentation of Double Tube Heat Exchanger with Twisted Tape Inserts and Al ₂ O ₃ /Water Nanofluid: An Experimental Study and Correlation Development		International Journal of Fluid and Heat Transfer (IJFHT)	International	2017	0127-5690	SIT Mangaluru		http://www.citefactor.org/journal/index/15087/international-journal-of-fluids-and-heat-transfer#.W4_ZPzV8sdU
22	Dr. Ramakrishna N Hegde		A modified correlation to predict Heat Transfer Coefficient in a Horizontal Coil in Shell Heat Exchanger with Circular Finned Nanofluids		International Journal of Fluid and Heat Transfer (IJFHT)	International	2017	0127-5690	SIT Mangaluru		http://www.citefactor.org/journal/index/15087/international-journal-of-fluids-and-heat-transfer#.W4_ZPzV8sdU
23	Garsh A R		Experimental Investigation of Bio lubricant Formulated from Chemically Modified Castor Oil		International Digital library of technology and research (Scopus Indexed)	International	2017	2465-3289	SIT Mangaluru		NA
24	Dr Ramachandra CG		Wheelchair Curv Stretcher		IJERT		2017	2278-0181	SIT Mangaluru		https://www.ripublication.com/ijerh/ijert.htm
25	Dr Ramachandra CG		Design and Fabrication of Gear Cutting Attachment for Lathe		IJERAT		2017	2454-6135	SIT Mangaluru		https://www.ijerat.com/
26	Dr Ramachandra CG		Experimental Study on 4-Stroke Petrol Engine Using Water Misting Kit		IJARSE		2017	2319-8354	SIT Mangaluru		http://www.ijarse.com/
27	Dr Ramachandra CG		Fabrication of air conditioner integrated with water cooler and water heater		IJARSE		2017	2454-6006	SIT Mangaluru		http://www.ijarse.com/
28	Dr Ramachandra CG		Effect of Tool Wear & Machinability Studies on Polymer Composites: a Review		IJEAS		2017	2000-090X	SIT Mangaluru		http://www.ijeas.org/
29	Dr Ramachandra CG		Vibration Monitoring of Thread Line Mill in a Tyle Manufacturing Industry		IJETR		2017	2229-9262	SIT Mangaluru		http://www.academicjournals.org/journal/IJETR

30	Dr Ramachandra CG		Total Productive Maintenance – A Performance Enhancement Strategy for Manufacturing Industries		JETRI		2017	2229-9262	SIT Mangaluru		http://www.academicjournals.org/journal/JETRI
31	Dr Ramachandra CG		Development of Framework for Lean Manufacturing Implementation in SMEs		JETRI		2017	2229-9262	SIT Mangaluru		http://www.academicjournals.org/journal/JETRI
32	Dr Ramachandra CG		Efficiency Improvement of the Vertical Axis Wind Turbine by Implementing Permanent Magnet Propelling Phenomena		JETRI		2017	2229-9262	SIT Mangaluru		http://www.academicjournals.org/journal/JETRI
33	Dr Ramachandra CG		Determination of Flak Wear of a PVD Coated Carbide Tool by Condition Monitoring		JETRI		2017	2229-9262	SIT Mangaluru		http://www.academicjournals.org/journal/JETRI
34	Dr Ramachandra CG		Optimal Inspection Frequency of a Critical Machine in a Machine Tool Manufacturing Unit		JETRI		2017	2229-9262	SIT Mangaluru		http://www.globalawards.org/images/conference-paper.pdf
35	NAVEEN C R		Characterization of as cast and heat treated Al2024/A203/Gr hybrid metal matrix composites	TTMT			2017	2465-3289	SIT Mangaluru		http://www.dbpublications.org/Special_Issue_Sibit/Files/Sibit_natcon3.pdf
36	NAVEEN C R		EDS analysis and mechanical testing of alumina and graphite particulate aluminum metal matrix composite		GJESR	ICAMES	2017	2348-8034	SIT Mangaluru		http://www.gjesr.com/
37	NAVEEN C R		Production and characterization of As cast and heat treated Al2024/SiC/Gr hybrid metal matrix composite		IJESRT		2017	2277-9655	SIT Mangaluru		http://www.ijesrt.com/
38	RANGANATH Y H		Production and Characterization of As Cast Heat Treated Al2024/SiC/Gr Hybrid Metal Matrix Composites*		IJESRT		2017	2277-9655	SIT Mangaluru		http://www.ijesrt.com/
39	HARSHAVARDHANA L H		Experimental studies on performance and combustion characteristics of a compression ignition engine fuelled with Hydrocarpus wightiana methyl ester and its blends with conventional diesel and domestic kerosene		TAYLOR AND FRANCIS		2017	1759-7269	SIT Mangaluru		https://taylorandfrancis.com/
40	M. Prashanth		MTPA control and Modeling of Permanent magnet synchronous motor		International Journal for scientific research and development	International Journal for scientific research and development	2017	2321-0813	Srinivas Institute of Technology, Mangalore		http://ijsrd.com/
41	Dr. Radhakrishnan	Skill convergence: A Management path for sustainable development	Relevance of Small Scale Industries in the economic development of India	skill convergence	5th national conference	National	2017	ISBN 978-81-924267-2-3	Anekant Institute of management studies, Putte	Anekant Institute of management studies, Putte	NA

42	D S Rajesh	Face detection based on frequency domain features	7th International Conference on Pattern Recognition and Machine Intelligence" during December 05 - 08, 2017, held at Indian Statistical Institute, Kolkata, India on 2017-21-11	ICPRM	International	2017	ISBN - 978-3-319-68900-4	Srinivas Institute of Technology, Valachil, Mangalore		https://www.isical.ac.in/~premi17/
43	Shivakumar G S	A novel MSER based License Plate Detection approach and OCR based character extraction	ICETSE - 2017	International Conference on Emerging Trends in Science & Engineering	International	2017	978-93-84698-41-6	Srinivas Institute of Technology, Valachil, Mangalore	EAE PUBLISHING HOUSE	NA
44	Ravishankara K	An Efficient traffic sign board recognition using HSV color thresholding and Hough transform and its speech conversion	ICETSE - 2017	International Conference on Emerging Trends in Science & Engineering ICETSE - 2017	International	2017	978-93-84698-41-6	Srinivas Institute of Technology, Valachil, Mangalore	IEAE PUBLISHING HOUSE	NA
45	Nagaraja Hebbar N	Removing Reflection of Image Using K- Means Clustering	ICETSE - 2017	International Conference on Emerging Trends in Science & Engineering	International	2017	978-93-84698-41-6	Srinivas Institute of Technology, Valachil, Mangalore	IEAE PUBLISHING HOUSE	NA
46	Sowmya, Padmanayana,	Plant leaf classification based on color, texture and geometrical feature extraction using SVM Classifier	ICETSE - 2017	International Conference on Emerging Trends in Science & Engineering	International	2017	978-93-84698-41-6	Srinivas Institute of Technology, Valachil, Mangalore	IEAE PUBLISHING HOUSE	NA
47	Jose Alex Mathew	CNC PCB Milling & Wood Engraving Machine	2017 International Conference On Smart Technologies For Smart Nation		International	2017	Electronic ISBN: 978-1-5386-0669-1 USB ISBN: 978-1-5386-0568-4 Print on Demand (PoD) ISBN: 978-1-5386-0670-7	Srinivas Institute of Technology, Mangalore	EEE Xplore	NA
48	Prof Sandeep Bhat	The Role of Wireless Communication for Autonomous Military Robot	International Conference on Data Mining, Image Processing, Computer & Electronics Engineering	DMPCEE-16	International	2016	2349-1469	Srinivas Institute of Technology, Valachil, Mangalore		http://iaees.org/conferences/86/227
49	Prof Sandeep Bhat	Military Robot Path Control Using RF Communication	Proceedings of the First International Conference on Intelligent Computing and Communication	ICIC2-2016	International	2016	0194-5357	Srinivas Institute of Technology, Valachil, Mangalore	Springer, Singapore	http://www.kucse.in/icic2_2016/
50	Dr Ramachandra CG	OEE - A Tool to Measure the Effectiveness of TPM Implementation in Industries - A Review		GRD JOURNAL FOR ENGINEERING GRDJE		2016	2455-5703	SIT Mangaluru		http://www.grdjournal.com/uploads/article/GRDJE/V01/I12/0043/GRDJEV01I120043.pdf
51	Dr Ramachandra CG	Implementation of Lean Strategies in an Automobile Axle Plant		International Journal of Engineering Technology		2016	2349-4475	SIT Mangaluru		http://www.ijetmas.com/admin/resources/project/paper/f201608091470799644.pdf
52	Dr Ramachandra CG	Keys to Succeed in Implementing Total Preventive Maintenance (TPM) and Lean Strategies				2016	2455-3778	SIT Mangaluru		http://ijmtst.com/documents/119UMTS1020826.pdf
53	Dr Ramachandra CG	A Study on Implementation of Total Quality Management (TQM) in Hospital to Improve Service Quality		International Journal of Emerging Trends and Technology		2016	2231-5381	SIT Mangaluru		http://ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-106.pdf
54	Dr Ramachandra CG	Effect of E-Waste Filter on Tensile and Flexural Behavior of E-Glass/Fiberglass Composites		International Journal of Emerging Trends and Technology		2016	2231-5381	SIT Mangaluru		https://ijasre.net/uploads/1/3551_pdf.pdf

55	Dr Ramachandra CG	Automated Railway Signalling and Interlocking System Design Using PLC and SCADA	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-101.pdf
56	Dr Ramachandra CG	Permanent Automatic Distance Measurement and Breaking for Automobile/AGV (Automated Guided Vehicle) Using Ultrasonic Waves and Accident Detection by GSM	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-1
57	Dr Ramachandra CG	Fracture Toughness of Structural Flaw Butt Joint Weld of Low Carbon Steels	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-1
58	Dr Ramachandra CG	Management Information System (MIS) in Hotel Industries to Improve Overall Efficiency	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-184.pdf
59	Dr Ramachandra CG	Automatic Quantitative Sorting of Milk Packets on KMF Shimoga Dairy	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-183.pdf
60	Dr Ramachandra CG	Pierced Magnet Propelled Vertical-Axis Wind Turbine	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-180.pdf
61	Dr Ramachandra CG	Development of Interfacing of Quick Change Robot for Tool Change between Two CNC Machines & Reduction of Tool Change Time	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-179.pdf
62	Dr Ramachandra CG	A Study on Different Tool Condition Monitoring System Available to Monitor Tool Flank Wear	International Journal of Emerging Trends and Technology	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-175.pdf
63	Dr Ramachandra CG	Effect of Total Productive Maintenance (TPM) implementation in Manufacturing and Service Industries - A Review	IJETT	Advances in Mechanical Engineering Science	2016	2231-5381	SIT Mangaluru	NA
64	Dr Ramachandra CG	A Review on Tool Flank Wear Monitoring by Tool Condition Monitoring System using Various Approaches	GRD JOURNAL FOR ENGINEERING, GRDJE		2016	2455-5703	SIT Mangaluru	http://www.grdjournal.com/article?paper_id=GRDJEV01I040011
65	Chandra jogi	Study of EDM parameters on Surface Finish of Hot Die Steel - H13	International Journal of Emerging Trends and Technology	NCAMES	2016	2231-5381	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-1
66	Chandra jogi	A Review on Effect of Chemical Modification on Mechanical Properties of Sugarcane Bagasse Fiber Polymer Composite	International Journal of Emerging Trends and Technology	NCAMES	2016	2231-5381	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-1
67	NITHIN JOSHUA	Compression behavior of Al 6061/Al 203 graphite hybrid composite material		NCAMES	2016	2349-0918	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-2
68	NITHIN JOSHUA	Study and analysis of process capability of 4000 Ton Mechanical press using RD method		NCAMES	2016	2349-0918	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-2

69	NITHIN JOSHI/VA		A study on Condition based maintenance for general purpose machineries for fault diagnosis- A Review		NCAMES	2016	2349-0918	SIT Mangaluru	http://ijettjournal.org/special-issues/ncames-number-2	
70	NAVEEN C R		Flow analysis by using molflow software for chair handle part	UETT	AMES	2016	2349-0918	SIT Mangaluru	NA	
71	NAVEEN C R		A study on machinability of hybrid metal matrix composites- A review	UETT	NCAMES	2016	2349-0918	SIT Mangaluru	http://www.ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-174.pdf	
72	NAVEEN C R		Mechanical and wear behaviour of Al6061-SiC-Gr Hybrid composites	UETT	NCAMES	2016	2349-0918	SIT Mangaluru	http://www.ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-178.pdf	
73	SATHISHA K G		Simulation of In-cylinder cold flow process of a piston Bowl in a DI-Diesel Engine using CFD		NCAMES	2016	2349-0918	SIT Mangaluru	http://www.ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-181.pdf	
74	SATHISHA K G		Effects of cutting Fluids and Machining Parameter on plane Turning of mild steel		NCAMES	2016	2349-0918	SIT Mangaluru	http://www.ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-185.pdf	
75	RANGANATH Y H		INVESTIGATION ON THE EFFECT OF HEAT TREATMENT ON MICROSTRUCTURE AND TRIBOLOGICAL BEHAVIOR OF AISI 2507 DSS	UETT		2016	2231-5381	SIT Mangaluru	http://www.ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-102.pdf	
76	Mr. Vinaya BK		Zero Voltage Transition based boost converter for power factor correction and its application	USRD	USRD	2016	2321-0613	Srinivas Institute of Technology, Mangaluru	http://ijsrd.com/index.php?p=Archive&v=4&i=10&start=50	
77	Jose Alex Mathew		Detection of Abnormalities in Fetal by Focg	International Conference on signal Processing, Communication and Computational	International Conference on signal Processing, Communication and Computational	2016	ISSN 2278-2634 Vol 11, Issue 3, Ver 3,	VidyaVikas Institute of Engineering and Technology, Mysuru	http://www.iosrjournals.org/iosr-jscce/papers/Vol.%2011%20Issue%203/Version-3/G1103033541.pdf	
78	Jose Alex Mathew		Denoising, Enhancement and Developmental Analysis for Fetal Images	International Conference on signal Processing, Communication and Computational	International Conference on signal Processing, Communication and Computational	2016	ISSN 2278-2634 Vol 5, Issue 3, Ver 3,	VidyaVikas Institute of Engineering and Technology, Mysuru	http://www.iosrjournals.org/iosr-ivtsi/pages/6(3)Version-3.html	
79	Jose Alex Mathew, Lokesh B		Biomedical Signal Analysis to Diagnose Obstructive Sleep Apnea- A Review	International Conference on signal Processing, Communication and Computational	International Conference on signal Processing, Communication and Computational	2016	ISSN :23942320	VidyaVikas Institute of Engineering and Technology, Mysuru	https://www.iferp.in/collegeconference/new-pdf/iscpcsr.pdf	
80	Mr. Prashanth		Simulation and MTPA Control of Permanent Magnet Synchronous Motor	National Conference on Sustainable Emerging	National Conference on Sustainable Emerging Intelligent Technologies	2016		Dayananda Sagar College of Engineering, Bengaluru	NA	
81	D.S.Rajesh		Stockwell Transform based Face Recognition: A Robust and an Accurate Approach	5th International Conference on Advances in Computing, Communications and Informatics (pp 168 – 174) held in India	ICACCI	International	2016	978-1-5090-2029-4	Srinivas Institute of Technology, Valachil, Mangaluru	https://ieeexplore.ieee.org/document/7732042/

62	D.S.Rajesh	"Undecimated Dual Tree Complex Wavelet Transform (UDTCWT) based Face Recognition"	5th International Conference on Advances in Computing, communication and informatics ICACCI held in Jaipur on 720 - 725	ICACCI	International	2016	ISBN - 978-1-5090-2029-4	Srinivas Institute of Technology, Valachil, Mangalore		https://ieeexplore.ieee.org/document/7732042/
63	Shivakumar G S	A Novel Hard threshold based LORSAL algorithm with Multi Hypothesis Prediction for Semi Supervised Learning and Classification of Remote Sensing Images			International	2016	ISBN:978-1-4673-7832-1/16.	Srinivas Institute of Technology, Valachil, Mangalore	EEE Digital Xplore	https://www.researchgate.net/profile/Gs-Shivakumar/publication/306321998_A_Novel_Hard_Threshold_Based_LORSAL_Algorithm_with_MH_Prediction_for_Semi_Supervised_Learning_and_Classification_of_Remote_Sensing_Images/links/57b7f56808aec9984ff2bb17/A-Novel-Hard-Threshold-Based-LORSAL-Algorithm-with-MH-Prediction-for-Semi-Supervised-Learning-and-Classification-of-Remote-Sensing-Images.pdf
64	Dr. Shrinivasa Mayya D	Fracture toughness of structural low built joint weld of low carbon steels	NCAMES 2016	National Conference on Advances in	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/Special%20issue/NCAMES-2016/NCAMES-123.pdf
65	Dr. Shrinivasa Mayya D	Total Quality management in engineering institutions	NCAMES 2016	National Conference on Advances in	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
66	Dr. Shrinivasa Mayya D	A study on manufacturing culture in small and micro industry in India	NCAMES 2016	National Conference on Advances in	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://ijettjournal.org/Special%20Issue/NCAMES-2016/NCAMES-141.pdf
67	Thomas Pinto	Comparative study on casting pattern using conventional method and rapid prototyping	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
68	Thomas Pinto	Automation of an industrial grade steam generation system using GSM technology	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
69	Thomas Pinto	A study on analysis condition based maintenance for general purpose maintenance for fault diagnostics- A review	NCAMES 2016	National Conference on Advances in Mechanical Engineering	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
70	Thomas Pinto	Study and analysis of process capability of 4000 ton mechanical press using RQ method	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
71	Thomas Pinto	A study on machinability of hybrid metal matrix composites - A review	NCAMES 2016	National Conference on Advances in	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
72	gangadhar Rao	Effects of additives on Bio-diesel/diesel performance, emission characteristics, combustion characteristics and properties	NCAMES 2016	National Conference on Advances in Mechanical Engineering Science	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
73	Venkatesh Rao S N	Experimental investigations of quartz reinforced Aluminium composite	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
74	Ravinarayana Bhot N	Study on the use of Karanja Oil as Lubricant in compression ignition engines	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3
75	Mohamed Gowpeer	Stress analysis of circumferential splice joint and prediction of life to crack initiation	NCAMES 2016	National Conference on Advances in Mechanical	National	2016	2231-5381	Srinivas Institute of Technology, Mangalore		http://www.ijettjournal.org/special-issues/ncames-number-3

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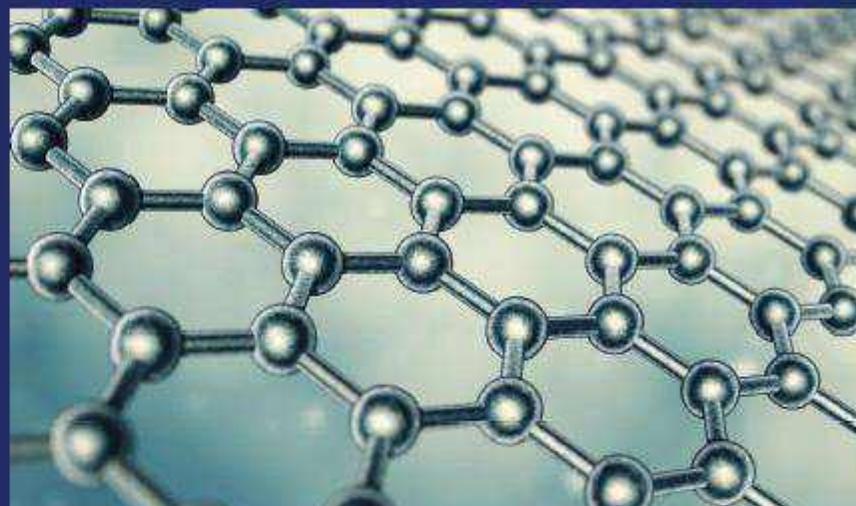
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173	Citus Neil D'souza		Image fusion and linear contrast stretching of 2D color images	National conference on computational control systems and optimization	CCSO-2013	National	2013	978-93-82338-55-7	Srinivas institute of Technology, Valachil, Mangalore		http://conference.bonfring.org/papers/ait_ccso2013/ccso003.pdf


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Nanomaterials and nanotechnologies have been developed as a consequence of truly significant recent advances in the material science community. Their use, in turn, is expected to have enormous consequences on the design and engineering of everything from common consumer products and buildings all the way through sophisticated systems that support a wealth of applications in the electronics, textile, automotive, aerospace, and other industries. Hopes exist for being able to make things smaller, lighter, or work better than is possible with conventional materials. The book Synthesis of nanomaterials is aimed to describe maximum number of experimental procedure to synthesize all kinds of nanomaterials which may lead to the development and huge contribution in fields like electronics, computation, biomedical, structural, automobile and aeronautical applications. The book contains the concepts of new methods utilized for synthesis of nanostructures and their importance in various fields. This book will have an impact on the UG, PG and also research scholars since it includes almost all the procedures of synthesis of nanomaterials.



Shareefraza J. Ukkund
Smitha Rai
Prasad Puthiyilam

Shareefraza J. Ukkund B.E., M.Tech., (PhD) is currently working as Assistant Professor in the Department of Nano-Technology, Srinivas Institute of Technology, Mangalore. His research areas include synthesis, characterization and applications of nanomaterials in agricultural, biomedical and environmental sectors.

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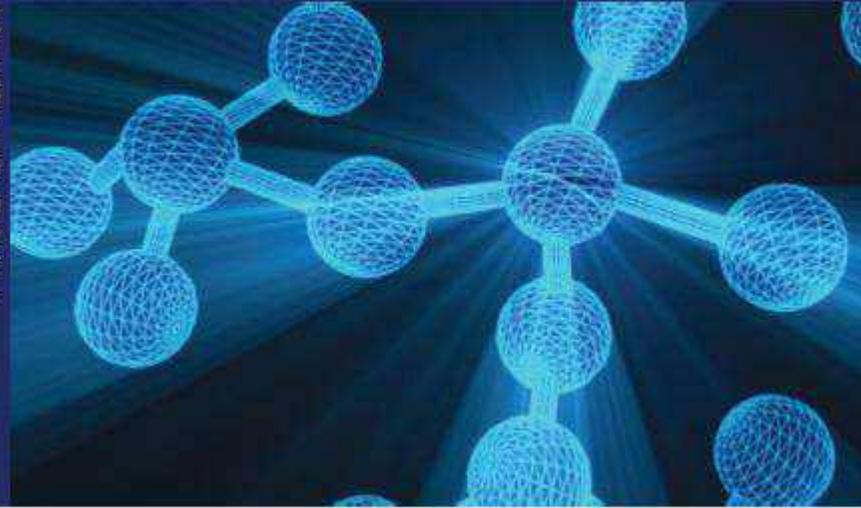
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Synthesis and Processing Techniques presents the subject with the aim of providing clear and sufficient information about different types of synthesizing and processing methods like physical, chemical and lithographic techniques for synthesizing nanoparticles and also gives the information regarding surface modification of nanoparticles. This book is primarily intended to be a textbook for Bachelor Degree students in Engineering, Science and Technology. This book has a crucial role to play in the curriculum of all branches of science and technology. Efforts have been made to cover the various synthesis and processing techniques.

Synthesis and Processing Techniques



Naveen Kumar Jagadapura Ramegowda
Shareefraza J. Ukkund
Prasad Puthiyillam

Naveen Kumar J. R. has completed B.E. in Electronics and Communication and M.Tech. in Nanotechnology. Presently working as Assistant Professor at Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India. His research interests include Nanomaterials, Sensors, Thin-Films, EMI Shielding, Nanocomposites, etc.

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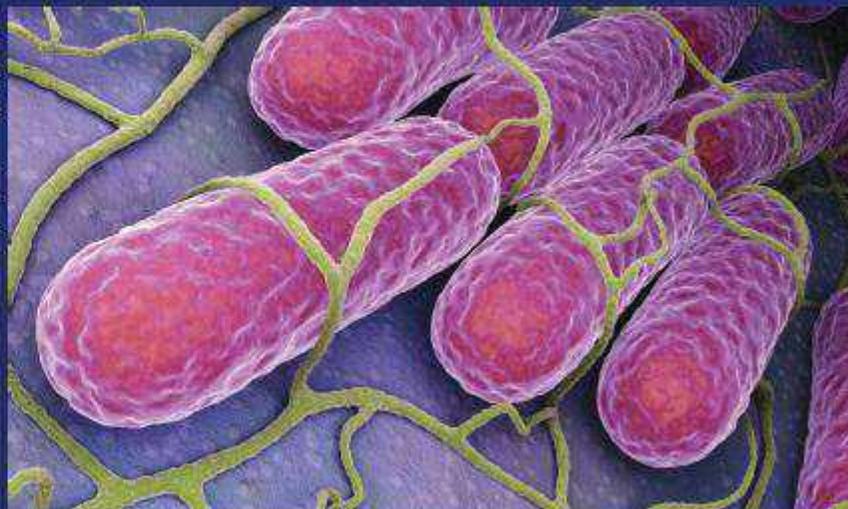
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Nanomaterials and Characterization present the subject with the aim of providing precise information about different types of characterization techniques involving microscopic and spectroscopic methods for characterizing nanomaterials and also provides the information about electrical measurements of nanomaterials. This book is primarily intended to be a textbook for Bachelor degree students in Engineering, Science and Technology. This book has a crucial role to play in the curriculum of all branches of Science and Technology. Efforts have been made to cover the various characterization techniques for nanomaterials.

Nanomaterials Characterization



Naveen Kumar Jagadapura Ramegowda
Prasad Puthiyillam

Nanomaterials Characterization

Naveen Kumar J. R. is presently working as Assistant Professor at Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India. Dr. Prasad P. is currently working as Professor and Head in the Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India.

Jagadapura Ramegowda, Puthiyillam



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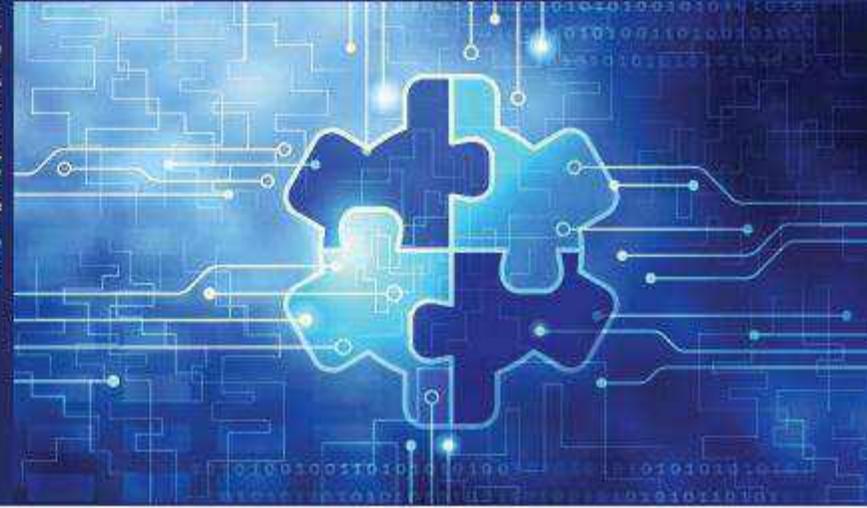
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There is currently an extraordinary amount of interest in nanomaterials and nanotechnologies, terms now familiar not only to scientists, engineers, architects, and product designers but also to the general public. Nanomaterials and nanotechnologies have been developed as a consequence of truly significant recent advances in the material science community. Their use, in turn, is expected to have enormous consequences on the design and engineering of everything from common consumer products and buildings all the way through sophisticated systems that support a wealth of applications in the electronics, textile, automotive, aerospace, and other industries. The book includes the concepts of Nanoelectronics, Quantum electronics, Nanomaterials FETs designing and fabrication, Carbon nanotubes applications, Tunneling diodes and Quantum computation. The book will also provide the all concepts in simple terms wherein any UG or PG students can also refer for their subject knowledge.

Concepts Devices and Applications



Shareefraza J. Ukkund

Nano-Electronics and Quantum Computation

Concepts Device Fabrication and Applications



Prof. Shareefraza J. Ukkund B.E., M.Tech., (PhD) has completed his B.E.(Biotechnology) and M.Tech(Nanotechnology) from VTU, India. He is currently working as Asst. Prof., Dept. of Nano-Technology, SIT, Mangalore. His research areas include synthesis, characterization and applications of nanomaterials in agricultural, medical and environmental sectors.



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Ukkund

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Molecular Biology and Genetic Engineering presents the subject with the aim of providing clear and sufficient description on molecular genetics, replication and transcription, translation, recombinant DNA technology, and applications of rDNA technology. This book is primarily intended to be a text book for Bachelor Degree students of Science, Engineering, and Technology. This book has a special role to play in the curriculum of Biotechnology, Biomedical Engineering, and Nano Science and Nano Technology and will hopefully present valuable guidelines to young graduates.

Molecular Biology & Genetic Engineering



Prasad Puthiyilam

Molecular Biology and Genetic Engineering



Dr. Prasad P. is currently working as Professor and Head in the Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India. He played a key role in establishing Bachelor Degree in Nano Technology in Karnataka, India. His research interest includes Nanomaterials, Biocompatible Polymers/Blends, Nanocomposites.



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Mechanical Operation book provides the concepts of particle technology, industrial equipment and analysis, filtration, agitation, mixing, sampling, storing and conveyors. The book gives a detailed introduction to particle size, shape analysis, standard screen, screens - ideal and actual screens, differential and cumulative size analysis, specific surface of mixture of particles, number of particles in a mixture, effectiveness of screen. The book explains about different types of industrial screening equipment and methods. The classification, types, importance and applications of filtration equipment, the agitation and mixing concepts are also included in the book. The book gives brief information about sampling, storing and conveying sampling methods. The book will be helpful for the UG and PG students of Mechanical Engineering, Materials Science and Nanotechnology.



Shareefraza J. Ukkund
Shrinivasa D. Mayya
Prasad Puthiyillam

Prof. Shareefraza J. Ukkund is currently working as Asst. Prof. in Department of Nano Technology, Dr. Prasad P. as Professor and Head in Department of Nano Technology, and Dr. Shrinivasa Mayya D. as Professor in Mechanical Engineering, and Prindpal, SIT, Snnivas Group of Institutions, Mangaluru, Karnataka, India.

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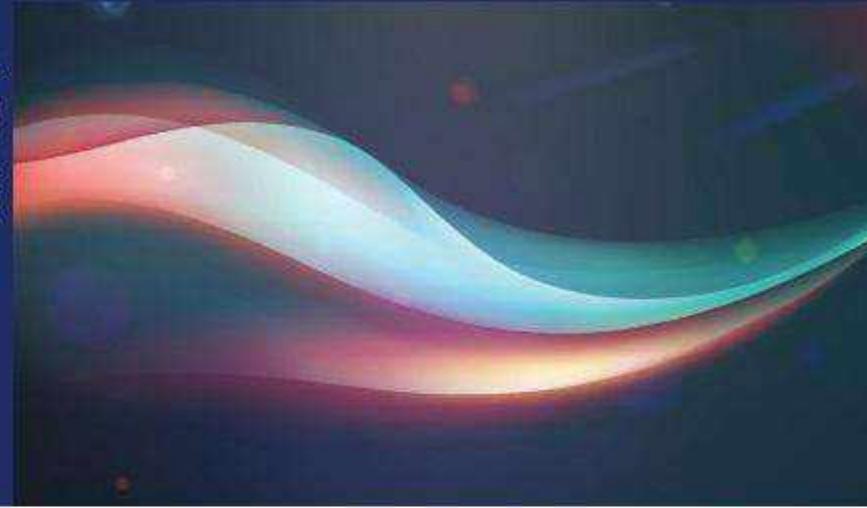
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Fundamentals of Material Science presents the subject with the aim of providing clear and sufficient understanding of basics of engineering materials and their properties, fundamentals of material science, electrical and optical properties of materials, thermal and magnetic properties of materials, mechanical properties of materials, and to create awareness about the importance of material science in the field of nano science and nano technology.

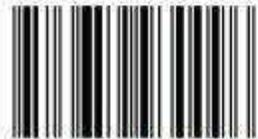
Fundamentals of Material Science



Prasad Puthiyillam
Savitha Prasad
Narayana Hebbar

Dr. Prasad P. is currently working as Professor and Head in the Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka since 2013. He played a key role in establishing the Bachelor Degree in Nano Technology in Karnataka, India. His research interests includes: Nanomaterials, Bio-Polymers/blend, Nanocomposites.

Fundamentals of Material Science



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Puthiyillam, Prasad, Hebbar

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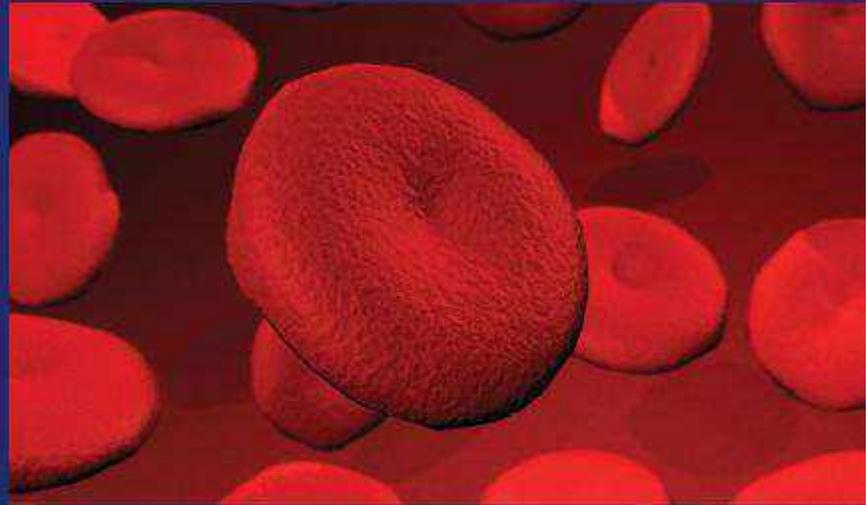
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Fundamental of Bioscience presents the subject with the aim of providing clear and sufficient understanding of basics of cell biology, concepts of biological membranes, fundamentals of molecular biology, basics of immunology, concepts and applications of biomachines. This text book play a special role in the curriculum of Biotechnology, Biomedical Engineering, Bio-Nanotechnology, and Nano Technology.

Fundamentals of Bioscience



Abhinaya Nellerichale
Apoorva B. Udupa
Prasad Puthiyillam

Prof. Abhinaya Nellerichale has completed B.Tech. in BME and M.Tech. in Medical Instrumentation, working as asst. prof. at Dept. of Nano Technology, SIT, Mangaluru, Karnataka, India. Prof. Apoorva Udupa completed B.E. and M.Tech. in Biotechnology. Dr. Prasad P., working as prof. and head at Dept. of Nano Technonology, SIT, Karnataka, India.

Fundamentals of Bioscience

Concepts and Applications



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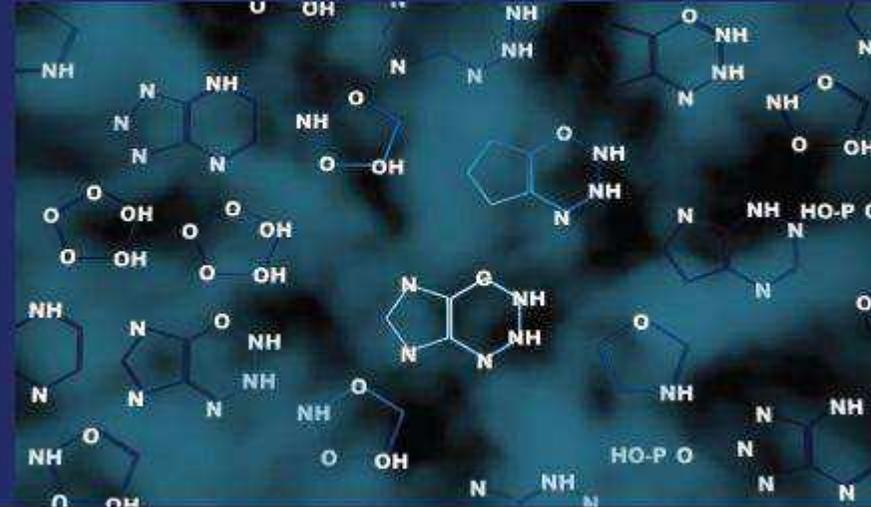
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Nanotechnology is the technology of 21st century and growing very rapidly in last few decades. The nanotechnology is finding worlds attention because of very strange and excellent properties of nanomaterials which can find the better and innovative applications in almost all the fields from electronics to the biomedical fields. The book provides the basic knowledge about the concepts of nanotechnology nanomaterials, their properties and applications. The book gives detailed and understandable applications in electronics, computation and biomedical fields. The concept of Nanotoxicology is also discussed for safety issues. The book will guide the new comers and research scholars who are looking for the basic concepts of nanotechnology and nanomaterials.

From concepts to the applications



Shareefraza J. Ukkund
Prasad Puthiyillam

Mr. Shareefraza J. Ukkund B.E.M.Tech.(Ph.D) is completed his B.E(Biotechnology) and M.Tech(Nanotechnology) from VTU, India. He is currently working as Asst. Prof., Dept. of Nano-Technology, SIT, Mangalore. His research areas include synthesis characterization and applications of Nanomaterials and Nanobiotechnology for agriculture and environment.

Foundation of Nanoscale Science and Technology

From concepts to the applications



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Ukkund, Puthiyillam

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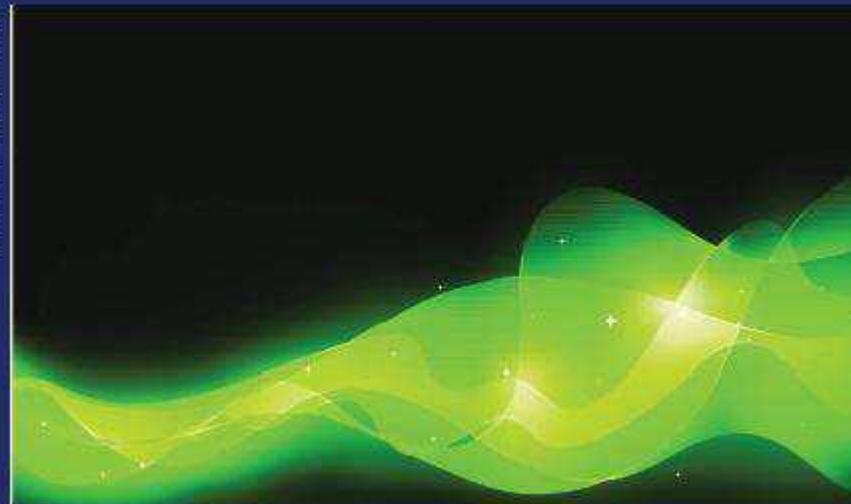
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Applications of Bio-Nanotechnology presents the subject with the aim of providing clear and sufficient description on functional principles of bio-nanomachines, structural principles of bio-nanomachines, descriptions on bio-nanomachines, biomedical applications, and the future and predicted applications of bio-nanotechnology. This book is primarily intended to be a text book for Bachelor Degree and Master Degree students of Science, Engineering, and Technology. This book has a special role to play in the curriculum of all branches of Science, Engineering, and Technology, and will hopefully present valuable guidelines to young graduates.

Applications of Bio-Nanotechnology



Prasad P. Embrandiri

Applications of Bio-Nanotechnology



Dr. Prasad P. is currently working as Professor and Head in the Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India. He played a key role in establishing Bachelor Degree in Nano Technology in Karnataka, India. His research interests include Nanomaterials, Biocompatible Polymers/Blends, Nanocomposites.



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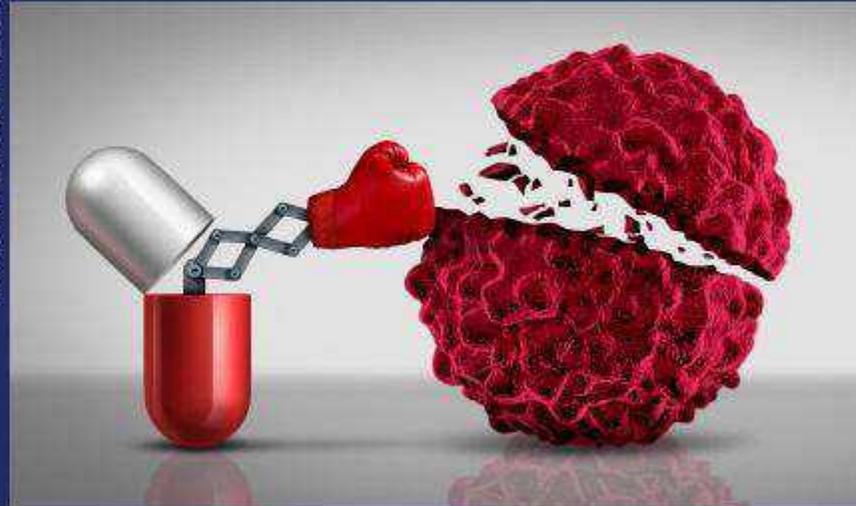
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Nanotechnology is emerging as a new field enabling the creation and application of materials, devices, and systems at atomic and molecular levels and the exploitation of novel properties that emerge at the nanometer scale. Many areas of biomedical engineering are expected to benefit from nanotechnology including cancer diagnosis and therapy, medical implants, tissue engineering etc. This book includes the concepts of synthesis and characterisation of nano materials, impact of nanotechnology on surgery, sensing applications, nano-artificial cells and bionanomachines, nano particles in drug delivery devices. This book has a special role to play in the curriculum of all branches of Science, Engineering, and Technology and will hopefully present valuable guidelines to young graduates.

Nanotechnology in Biomedical Engineering



Abhinaya Nellerichale

Nanotechnology in Biomedical Engineering



Prof. Abhinaya Nellerichale B.Tech, M.Tech has completed her B.Tech in Biomedical and M.Tech in Medical instrumentation from Sathyabama University, India. She is currently working as Asst. Prof., Dept. of Nanotechnology, SIT, Mangalore. Her research areas include application of nanomaterials in agricultural, biomedical and environmental sectors.



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Applications of Nanotechnology presents the subject with the aim of providing dear and sufficient description on applications of nanotechnology in photovoltaics, batteries, fuel cells, energy transmission, water purification, defense, green building, automobile, aerospace, electronics, computer engineering, and photonics. This book is primarily intended to be a textbook for Bachelor Degree students of Science, Engineering, and Technology. This book has a special role to play in the curriculum of all branches of Science, Engineering, and Technology and will hopefully present valuable guidelines to young graduates. Efforts has been made to cover the applications of nanoscience and nanotechnology.

Applications of Nanotechnology



Prasad Puthiyilam

Applications of Nanotechnology



Dr. Prasad P. is currently working as Professor and Head in the Department of Nano Technology, SIT, Srinivas Group of Institutions, Mangaluru, Karnataka, India. He played a key role in establishing Bachelor Degree in Nano Technology in Karnataka, India. His research interest includes Nanomaterials, Biocompatible Polymers/Blends, Nanocomposites.



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MANAGEMENT AND ENGINEERING ECONOMICS

As per the **New CBCS Syllabus** for V Sem. B.E. of VTU

R.K. HEGDE



About the book

In today's competitive world, apart from technology it is the managerial approach and economy which bothers most for a firm's survival. For a successful engineer, knowledge of management and economics is very essential. This book, in this context, gives the essential informations needed for an engineer about managerial skills apart from economics. 'Management and Engineering Economics' book covers the relevant informations of both management and engineering economy in eight chapters. Typical chapters include Introduction to Management, Directing and Controlling, Present and Annual worth comparison, Future Worth Comparison, Depreciation and Costing. All the chapters are supplemented with neat sketches, illustrations in addition to numerical examples.

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About Author

Dr. R.K.Hegde is a rank holder and has Bachelors Degree (B.E.) in Mechanical Engineering from Karnatak University, Masters Degree (M.Tech.) in Heat Power Engineering from K.R.E.C., Surathkal and Ph.D. in Nanofluid Heat Transfer from National Institute of Technology, Karnataka. He is an authorized Boiler Operation Engineer and a member of I.S.T.E. His research interests include, Nanofluids, Compact heat exchangers, CFD. He has around 50 publications in reputed international journals from various countries and published/presented around 25 papers in international/national conferences. In addition, he is an active reviewer for reputed international journals like, Experimental heat transfer (Taylor & Francis), International Journal of Heat Transfer (Elsevier), International Journal of Mechanical Science and Technology (Springer Link) and Heat Transfer Asian Research (Wiley International) etc. He has very good exposure to teaching and industrial fields with an excellent track record of distinction throughout his academic career. He has authored nearly twelve popular titles in the field of Mechanical Engineering with some of them being listed as reference books by VTU and Kuvempu Universities, for UG and PG courses. He served in the capacity of Board of Examiners for Mechanical, Aeronautical and Automobile Engineering Boards of VTU, Belagavi. Presently he is working as Professor and Head of Automobile Engineering at Srinivas Institute of Technology, Mangaluru.



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Applied Thermodynamics

As per the **NEW CBCS SYLLABUS** prescribed by VTU
For **IV Semester** ME / IP / IM / AU / MA / MI / AE Students of VTU



R.K. Hegde

ABOUT THE BOOK

Applied Thermodynamics with its feature rich contents is a book on the application part of thermodynamics. This book has basic but essential coverage on topics like Combustion Thermodynamics, Gas power cycles, Internal combustion engines, Vapour power cycles, Reciprocating compressor, Gas Turbines & Jet propulsion, Refrigeration and Psychrometry. Chapter Highlights and Question Bank at the end of each chapter supplemented by hand picked numerical problems from various universities make this book more attractive. Smooth flow of the contents along with relevant illustrations, photographic sketches further adds value to this book. All the chapters confer to SI unit. This book serves the purpose of a reference book for professionals, UG and PG students, teachers of various universities.

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- More number of numerical examples and solutions. Question bank and solutions to previous year university question papers.
- Pedagogical approach for better understanding.

ABOUT AUTHOR

R.K. Hegde is a rank holder and has Bachelors Degree (B.E.) in Mechanical Engineering from Karnatak University and masters degree (M.Tech.) in Heat Power Engineering from National Institute of Technology, Karnataka (Formerly K.R.E.C., Surathkal) and Ph.D. in Nano Fluids (Heat Transfer) from National Institute of Technology, Karnataka. He is an authorized Boiler Operation Engineer. He is an active member of IRED, ISHAMT, IIE and ISTE. His research interests include, Nanofluids, Compact heat exchangers, CFD, I.C. Engines, and Non conventional Energy Resources.. He has published more than 35 papers in reputed international journals, with high impact factors from various countries and published/presented more than 20 papers in international/national conferences. In addition, he has been an active reviewer for reputed international journals like, Experimental heat transfer (Taylor & Francis), International Journal of Heat Transfer (Elsevier), International Journal of Mechanical Science and Technology (Springer) and Heat Transfer Asian Research (Wiley International). He is a sitting member of Board Of Examiners of VTU, Belagavi and worked in the capacity of regional chairman for ME board lab exams for Mangaluru Region. Currently he is heading the Automobile Engineering and Aeronautical Engineering Departments at Srinivas Institute of Technology, Mangaluru.



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