



M S Ramaiah Institute of Technology

(Autonomous Institute, Affiliated to VTU)

Research
Scholars
of MSRIT

August 23

2009

The Report Contains the list of PhD Guides, Research Scholars and their area of Specialization. The Report also contains the list of all the Books Published by the faculty of MSRIT till date.

List of Books
Published

Edited by

Dr. Srinivasa K G

Coordinator

Centre for Research and Industrial Consultancy

CRIC

Summary Sheet

Department	No. of Guides	PhD Scholars in VTU	PhD Scholars in Other Universities	Scholars of Other Institutions doing PhD under the Guidance of MSRIT Faculty	MSc (Engg.) By Research/M.Phil Programme	Books Published by Faculty
Architecture	1	-	3	-	-	-
Civil	6	10	-	6	-	20
IEM	1	7	2	2	-	9
Mech.	8	18	7	5	1	62
Chemical	2	2	1	-	-	2
BT	7	-	2	3	-	6
EE	3	3	1	9	1	2
EC	1	5	2	-	-	35
TC	1	2	-	1	-	10
ISE	3	1	4	4	1	1
CSE	4	3	3	4	1	2
ML	1	2	3	-	-	1
IT	-	3	-	-	-	2
MBA	2	2	2	3	2	4
MCA	1	5	-	1	2	-
Physics	4	-	3	4	-	2
Maths	6	4	-	2	1	5
Chemistry	5	-	2	2	-	1
Total	56	67	35	46	9	164

No. of Doctorates Completed in VTU Recognized Research Centres of MSRIT Till Date:

9

Department of Mechanical Engineering

Details of Research Scholars:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	H D Ramachandra	Influence of Trace Additions of Ag, Cd and Zr on the age hardening and mechanical properties of 6061 Aluminium alloy	Dr. R Chandrashekar / Degree Awarded
2	A Sathyanarayanawamy	Studies on Thermal Barrier Coatings Subjected to Thermal Shock and Fatigue	Dr. H B Niranjana / Preparation of Thesis
3	A S Ravindra	Optimization of Parameters in the processing and forming of hybrid A1-MMC for improvements in resistance to failure using Taguchi Statistical Methodology	Dr. R Chandrashekar / Degree Awarded
4	Reji George	Characterization of Carbon Nano Tube Reinforced Aluminium Composites	Dr. Kishore T Kashyap / Degree Awarded
5	S K Pundareeka	Studies on No-bake Sands using Industrial Bi-Products as Binders	Dr. M K Muralidhara / Preparation of Thesis
6	A T Venkatesh	Studies on Properties of ADI Subjected to Deep Cryogenic Treatment	Dr. M K Muralidhara / Preparation of Thesis
7	B S Redappa	Structural Characterization and Property Evaluation	Dr. H B Niranjana / Thesis Submitted
8	S Krishna	Studies on Melt Atomization and Deposition of Aluminium Alloys and its Property Evaluation	Dr. M K Muralidhara / Preparation of Thesis
9	K R Phaneesh	Recrystallization Studies of Cube Grain of Commercial Grade Pure Aluminium	Dr. Kishore T Kashyap / Completed Coursework
10	Puttabore Gowda	Studies on Performance of 4 Stroke CI Engine with Bio-diesel and Diesel Vegetable oil Blends	Dr. R Chandrashekar / Degree Awarded
11	Veeranna B Nasi	Development of a Heat Pipe Incorporated Solar Dryer.	Dr. Tulasidas / Preparation of Thesis
12	B P Harichandra	Study of physical and metallurgical properties of alloy system subject multi phase treatment	Dr. S V Prakash / Registered in 2009
13	C M Ramesh	Study of forged components and development of process Control based on design, steel quality and heat treatment	Dr. R Chandrashekar / Preparation of thesis
14	P B Nagaraj	Investigation of thermomechanical modeling in metal cutting and forming process	Dr. P Dinesh / Preparation of thesis
15	D Venkatesh	Strain roll effect in deformation and spring	Dr. S V Prakash / Course work completed
16	Srishailkakeri	Friction in metal working processes & Process optimization	Dr. P Dinesh / Preparation of thesis

17	C Siddaraju	Effect of Austempering temperature & time on the structure, mechanical properties corrosion characteristics of ADI	Dr. N D Prasanna / Degree Awarded
18	S B Sridhar	Synthesis & characterization of asbestos free carbon nano tube reinforced epoxy based brake liner material	Dr. Raji Geroge/ Completed course work
19	N S Nagesh	Computation (CFD) & experimental combustion analysis of bio fuel for I.C. engine	Dr. S V Prakash/ Completed course work
20	Vishwanathkoti	Characterization of carbon nanotube reinforced copper composite	Dr. Raji Geroge/ Registered in 2008
21	Jyothilakshmi R	Computation (CFD) & experimental analysis of bio products for industrial applications	Dr. N D Prasanna / Registered in 2009
22	T Anilkumar	Studies on the effect of grain refinement and heat treatment on the properties of Al-Si-Mg alloys	Dr. N D Prasanna / Completed Course work
23	P N Girish Babu	Studies on numerical modeling of heat treatment process for aeronautical aluminum alloys	Dr. M K Muralidhara / Course work has to be taken
24	Shilpa	Study and Analysis of robust design methodology for Q. C.	Dr. N V R Naidu / Degree Awarded
25	L Girish	Synthesis & Characteristics of carbon nano tube reinforced aluminum composites	Dr. Raji Geroge / Completed course work
26	Appaiah	Characterisation of fiber reinforced Aluminum copper alloy metal matrix composites	Dr. N D Prasanna/ Appeared for course work
27	M H Annaiah	Registered – Appearing for course work	
28	C N Chandrappa	Registered – Appearing for course work	
29	Ramakrishna Hegde	Final Synopsis submitted	
30	A Sathyabhama	Comprehensive Pre Ph.D. Completed	
31	Niranjanmurthy	Course work completed	
32	Suneethbabu L	Appearing for course work	

Books Published by the Faculty:

Sl. No.	Name of the Author	Title	Publisher
1	Dr. M K Muralidhara	1. Engineering Thermodynamics 2. Applied Thermodynamics II 3. Applied Thermodynamics 4. Manufacturing Process I 5. Manufacturing Process II 6. Foundry Technology 7. Materials Science and Metallurgy 8. Engineering Graphics	Spectrum Publications Spectrum Publications Spectrum Publications Spectrum Publications Subhash Stores Sudha Publication Subhash Stores Subhash Stores

		9. Heat and Mass Transfer 10. Applied Thermodynamics 11. Materials Science for Engineers 12. Materials Science and Process	Tata McGraw Hill, Subhash Stores Pearson Education Dhanpat Rai
2	A Sathyannarayana	Heat and Mass Transfer	Sudha Publications
3	A S Ravindran	1. Mechanical Engineering Science 2. Design of Machine Elements 1 3. Design of Machine Elements 2 4. CAD/CAM and Robotics	BEST Publishers BEST Publishers BEST Publishers BEST Publishers
4	M H Annaiah	1. Engineering Graphics 2. Design of Machine 3. Strength of Materials (Bangalore University)	V H Publishers/Allied Publishers Subhas Stores Sudha Publications
5	J B K Das	1. Mechanics of Material 2. Kinematics of Machines 3. Dynamics of Machinery 4. Design of Machine Elements I 5. Design of Machine Elements II 6. Mechanical Vibrations	Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House,
6	P L Srinivasa Murthy	1. Mechanics of Material 2. Kinematics of Machines 3. Dynamics of Machinery 4. Design of Machine Elements I 5. Design of Machine Elements II 6. Mechanical Vibrations 7. Automobile Engineering	Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House, Sapna Book House, Sudha Publications
7	K R Phaneesh	1. Total Quality Management 2. Constitution of India and Professional Ethics 3. Industrial Management 4. Material Science and Metallurgy 5. Operations Management 6. Engineering Economy	Sudha Publications Sudha Publications Sudha Publications Sudha Publications Sudha Publications
8	P B Nagaraj	1. Basic Thermodynamics 2. Automotive Engineering 3. Power Plant Engineering 4. Energy Engineering	New Age International Publications Sudha Publications Sudha Publications Sudha Publications
9	Dr. S V Prakash	Manufacturing Process	Subhas Stores
10	Veeranna B Nassi	1. Heat and Mass Transfer 2. Basic Thermodynamics 3. Applied Thermodynamics	Sudha Publications Pooja Publications Pooja Publications
11	Niranjan Murthy	1. Heat and Mass Transfer 2. Basic Thermodynamics 3. Applied Thermodynamics 4. Power plant Engineering 5. Energy Engineering	Sapna Publications Sapna Publications Sapna Publications Sapna Publications Sapna Publications

		6. Fluid Mechanics 7. Turbomachinery	Sapna Publications Sapna Publications
12	Ramakrishna Hegde	1. Heat and Mass Transfer 2. Basic Thermodynamics 3. Applied Thermodynamics 4. Power plant Engineering 5. Energy Engineering 6. Fluid Mechanics 7. Turbomachinery	Sapna Publications Sapna Publications Sapna Publications Sapna Publications Sapna Publications Sapna Publications Sapna Publications
13	Nagesh S N	Non Destructive Testing	Subhas Stores
14	Jyothulakshmi R	Non Destructive Testing	Subhas Stores

Department of Chemical Engineering

Research Scholars Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	E T Arasu	Multivariate modeling of Air Pollution for Bangalore City	Dr. K S Rajanandam
2	Brijesh	Investigations on Photocatalytic bacterial bioreactors for production & enhancement of hydrogen	Dr. K S Rajanandam
3	G A Shareef	Partial Replacement of Phenol with Coconut Shell Flours for the Manufacturing of PF Resins	Dept. of Chemical Engg, RVCE
4	Rajeswari M Kulkarni	Biosorption	Dept. of Chemical Engg, NITK, Surathkal

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	G M Madhu K Sreedhara Ranganatha Pai	Applied Chemistry	Kuvempu University Press
2	Dr. K S Rajanandam K Anantha Ram	Mass Transfer Operations	Sapphire Trust

Department of Architecture

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	Anuradha N	Planning & Development through Special Economic Zones	Dr. Krishne Gowda
2	Rekha Jetty	Architectural Management related topic	Dr. S C Natesan and Dr. Saravanan
3	Rajshekar Rao	Impact of Urbanization on lakes – The case of Bangalore	Dr. Padmavathi Pervar

Department of Industrial Engineering and Management

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	A Balakrishna	Quality Engineering	Dr. C Umashankar Dr. N V R Naidu
2	G S Prakash	Production Management	Dr. K M Babu Dr. N V R Naidu
3	S Appaiah	Composites	Dr. N D Prasanna
4	B P Mahesh	TQM	Dr. Prabhu Swamy
5	Chethan Kumar	Lean Manf.	Dr. Ravindranath Dr. N V R Naidu
6	M Shilpa	Robust Engineering	Dr. N V R Naidu
7	Shiva Kumar	RMMC	Dr. N V R Naidu
8	R Shobha	In – Situ MMC	Dr. K R Suresh
9	L Girisha	Nano Materials	Dr. Regi Geroge
10	G S Prakash	Production Management	Dr. N V R Naidu
11	Chethan Kumar	Lean Manufacturing	Dr. N V R Naidu
12	M Shilpa	Robust Engineering	Dr. N V R Naidu
13	V Srinivas Rao	Supply chain network	Dr. N V R Naidu
14	M R Shivakumar	RMMC	Dr. N V R Naidu
15	Rajesh	Quality Engineering	Dr. N V R Naidu

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. N V R Naidu	Production and Operations Management	TEST Publisher
2	Dr. N V R Naidu	Metrology and quality control	TEST Publisher
3	B P Mahesh C S Chethan Kumar	Element of Mechanical Engineering	Sapna International Publisher
4	B P Mahesh C S Chethan Kumar	Element of Mechanical Engineering	Chand & Chand Co.

5	Dr. N V R Naidu	Industrial Management	TEST Publisher
6	Dr. N V R Naidu	TQM	New Age International Publisher
7	Dr. N V R Naidu	Engineering Economy	New Age International Publisher
8	Dr. N V R Naidu	Operations Research	I K International Publishing House
9	Dr. N V R Naidu	Management & Entrepreneurship	I K International Publishing House

Department of Civil Engineering

Research Scholars Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	H Narendra	Flexural and Shear behavior of SCC	Dr. N Balasubramanya
2	C Usha	Studies on UASB for Treatment of High strength organic matter	Dr. N Balasubramanya
3	H R Manjunath	Doubly Reinforced and Continuous HSC Beams	Dr. B V Venkatasubramanya
4	V Harish	High Strength Self Compacting Concrete Rectangular Slabs	Dr. C G Puttappa
5	B G Jagadeesha Kumar	Strength and Durability studies on Bacterial Concrete	Dr. R Prabhakara
6	Jyothi Roopa	Lake Contamination and its impact on ground water	Dr. C G Puttappa Dr K V Lokesh Dr. AIT
7	N Sreelatha	Design of Geo synthetic soil	Dr. C G Puttappa
8	T Geetha Kumari	Flexural and Shear behaviour of SCC	Dr. C G Puttappa
9	R Mourougane	Properties and Performance of Geo polymer	Dr. C G Puttappa
10	Veerandra Kumar	Studies on Fibre Reinforced ferrocement subjected to repeated and reverse flexure	Dr. B V Venkatasubramanya
11	Sampath Kumar	Variations of heavy metal concentration in ground water and their implications on human health	Dr. N Balasubramanya
12	Raghupathi		Dr. N Balasubramanya
13	Puttegowda	Investigation on Flyash concrete structural elements	Dr. K U Muthu Dr. M U Aswath
14	Ravikumar	Buckling Analysis of Columns	Dr. K U Muthu Dr. N S Kumar
15	Prakash	Torsional Behaviour of Noarmal and High strength concrete beams	Dr. R Prabhakara

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	N K Raju & K U Muthu	Numerical Methods in civil Engineering	Macmillian – Delhi
2	N K Raju & R N Pranesh	Design of reinforced concrete	New Age International –Delhi
3	N Balasubramanya	1. Fluid Mechanics 2. Hydrology & Water Resource Engg. 3. Irrigation Engg. 4. Hydraulics Structures 5. Hydraulics Machine Lab Manual 6. Fluid Mechanics	Spectrum Spectrum Spectrum Spectrum Spectrum Prentice Hall – India
4	Dr. B V Venkatasubramanya	1. Engg Management Science 2. Theory of Structures 3. Text Book on Engg. Materials 4. Strength of Materials 5. Steel Structures	Subhash Subhash Subhash Anuradha New Age
5	M N Sreehari	1. Transportation Engg. 2. Building Construction. 3. Material Lab Testing Manual 4. Engineering Management 5. Elements of Transportation Engg	Spectrum Spectrum Spectrum Spectrum Spectrum
6	Suguna U Kumar	Geotechnical Engg. Science	Spectrum

Department of Biotechnology

Research Scholar Details

Sl. No.	Name of the Candidate	Guide / Remarks
1	Monadas Bhat	Pursuing PhD in SV University
2	P Dhamodhar	Pursuing PhD
3	S S Shantha Kumar	Dr. Chandra Prabha M N and Dr. Ahalya N
4	Kavitha	Dr. Chandra Prabha M N
5	Nivedita	Dr. Archana

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. Channarayappa	Molecular Biotechnology : Principle and Practices	Universities Press Pvt. Ltd.(India)
2	Dr. Channarayappa	THE CELL: Structural and Functional Unit of Life	Universities Press Pvt. Ltd.(India)
3	Dr. Ahalya N	Aquatic ecosystems: conversation, restoration and management	Capital Publishers

4	Dr. Ahalya N	Status , Conservation and Management of Wetlands	Allied Publishers(P) Ltd.
5	Dr. Ahalya N	Restoration of Lakes and Wetlands	Allied Publishers(P) Ltd.
6	Dr. Ahalya N	Monograph on Essentials in Limnology and Geographic Information Systems	Karnataka Research Foundation

Department of Electrical and Electronics Engineering

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	M N Dinesh	Long Term Ageing Performance of Polymeric Insulators Under Different conditions	Dr. V Krishnan / Submitted Thesis
2	D Sthynarayana	Studies on Pollution performance of Polymeric Insulator	Dr. V Krishnan / Work in Progress
3	Chayapathi	Methods to prevent voltage collapse in power system	Dr. V Krishnan / Work in progress
4	Udranna N	Effect of Corrosive Sulphur in Transformer oil on paper insulation	Dr. V Krishnan / Work in progress
5	Pradeepkumar Dixit	Studies on Pollution Performance of ceramic Insulators	Dr. V Krishnan / Submitted Thesis
6	Vidya H A	Some Investigations on Denoising of Partial Discharge Signals using Wavelet Transform	Dr. V Krishnan / Ph.D Awarded
7	P Usha	Expert control of superconducting magnetic energy storage systems for real and reactive power modulation in HVDC systems	Dr. Pramila Manohar/ Course work completed
8	Kusumika Deb Krori	Simulation and application of super conducting fault current limiter in BTB HVDC systems	Dr. Pramila Manohar/ Preparing for course work
9	Wajid Ahmed	HVDC Light transmission systems	Dr. Pramila Manohar/ Completed course work
10	S Laksmi	Efficient micro machined actuating mechanism for RF application	Dr. Pramila Manohar/ Preparing for course work
11	S Dawnee	CMOS Bio Sensore	Dr. Pramila Manohar/ In Progress
12	A N Maheshwarappa	Space vector based PWM for an inverter fed induction motor	Dr. Sanjay Lakshminarayanan/ Doing course work
13	T V Snehaprabha	Multilevel inverter with multi sided polygonal voltage space vector locations for induction motor drives	Dr. Sanjay Lakshminarayanan/ Starting course work

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. V Krishnan & T K Anantha Kumar	Basic Electrical Engineering.	Pooja Publishers
2	B R Keshava Swarup & T K Anantha Kumar	Network Analysis	Pooja Publishers

Department of Electronics and Communication Engineering

Research Scholar Details

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	K Indira	Handwritten Character Recognition	Dr. S Sethu Selvi
2	Maya V Karki	Fingerprint Identification and Imaging system	Dr. S Sethu Selvi
3	S Lakshmi	RF MEMS	Dr. Premila Manohar
4	V Nuthan Prasad	Antenna Design	Dr. Naganna
5	Sabina Rahaman	Breast Cancer Detection using Optical	Dr. B Kanmani
6	M Nagabhushan	Image Processing and VLSI	Dr. S Ramachandran
7	V Anandi	VLSI Low power Estimation	Dr. R Rangarajan
8	G Shivaprakah	Source Localization of EEG Signals	Dr. Koshy George
9	K Indira	Handwritten Character Recognition	Dr. S Sethu Selvi
10	Maya V Karki	Fingerprint Identification and Imaging System	Dr. S Sethu Selvi
11	C K Narayanappa	Control Systems	Dr. Koshy George
12	Ravikala Prbhu Vittal	Bioceramic Coating on Orthopedic implants	Dr. Bheemsain Rao

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	C Murali	Computer Communication Networks	Pooja Publications
2	D Kumaraswamy	1. Antennas and Propagation Edition II 2. Antennas and Propagation Edition III 3. Antennas and Wave Propagation – Revised Edition 4. Analog Communication 5. Antennas and Wave Propagation (VTU 2006 Scheme)	Pooja Publications Pooja Publications Pooja Publications Pooja Publications Pooja Publications
3	D Kumaraswamy & M S Srinivas	1. Antennas and Propagation 2. Antennas and Nave Propagation – Revised Edition	Pooja Publications Pooja Publications
5	D Kumaraswamy & K Giridhar	Analog Communication	Pooja Publications
6	D Kumaraswamy, K Giridhar & M S Srinivas	1. Antennas and Propagation for VTU 2. Antennas and Propagation Edition II	Pooja Publishers Pooja Publishers

7	K Giridhar	<ol style="list-style-type: none"> 1. Fields and waves 2. Microwave Circuits and Devices 3. Information Theory and coding 4. Power Electronics 5. Electronics Circuit 6. Field Theory 7. Microwave Communication 8. Electronics circuits – revised edition 9. Microwave Communication – Revised Edition 10. Information theory and Coding – Revised edition 11. Analog Electronics Circuits 12. Electro Magnetic Field Theory 13. Information theory and Coding – Revised edition 14. Microwave devices and Circuits 15. Information Theory & Coding 16. Linear ICs and applications 17. Digital Comm – First Edition 	<p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p> <p>Pooja Publications</p>
8	K Indira	T V Engineering	Spectrum Publications
9	Shamanthi L	Communication Systems	Spectrum Publications
10	H Mallika	<ol style="list-style-type: none"> 1. Electronics Circuits – II 2. Digital IC's & Applications 	<p>Spectrum Publications</p> <p>Spectrum Publications</p>
11	M Nagabhushan	<ol style="list-style-type: none"> 1. Electrical and Electronic Measurements 2. Optical fiber Communication 3. Revised Book on Optical fiber Communication 4. Basic Electronics 5. Analog and Digital Electronics Devices Lab Manual 6. Basic Electronics 7. CMOS VLSI (VTU 2006 Scheme) 	<p>Star tech Publications</p> <p>Star tech Publications</p> <p>Star tech Publications</p> <p>Star tech Publications</p> <p>Star tech Publications</p> <p>Star tech Publications</p> <p>Star tech Publications</p>

Department of Information Science and Engineering

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	K R Shobha	Dynamic and Adaptive Mechanisms for High Performance Routers in Emerging Communication Networks	Dr. K Rajanikanth
2	Madhu Bhan	Design, Performance Modeling and Evaluation of Secure ETL processes	Dr. K Rajanikanth
3	M Mrunalini	Modeling and Evaluation of Performance of Data Warehouses	Dr. K Rajanikanth
4	Satyanarayan S V	Cryptography segmentation	Dr. Aswatha Kumar M
5	S Shreedhara	Image Reconstruction	Dr. Aswatha Kumar M /

			Awarded
6	Satyadhyan R Chickerur	Image Restoration	Dr. Aswatha Kumar M / Submitted
7	H S Mohana	Optical Flow	Dr. Aswatha Kumar M
8	B S Mahanand	Image Registration	Dr. Aswatha Kumar M
9	Lincy Meera Mathews	Data Mining	VIT
10	Mythili K Nair	Service oriented Architecture	Anna University

Department of Medical Electronics

Research Scholar Details

Sl. No.	Name of the Candidate	Guide / Remarks
1	P G Kumaravelu	Dr. A K Khargekar
2	C K Narayanappa	Dr D Ganesh
3	D Jayadevappa	Dr. S Srinivas Kumar Dr. D S Murthy
4	Prabha Ravi	Dr. J Krishnan Dr. V K Anathasayana
5	Prbhu Ravikala Vittal	Dr. Bheemsain Rao

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	K Channa Venkatesh	Fundamental of Electrical Engineering	Sanguine Technical Publishers
2	Dr. D Ganesh Rao & C K Narayanappa	Engineering Electromagnetics (Revised Edition)	Sanguine Technical Publishers
3	K Channa Venkatesh & Dr. D Ganesh Rao	Network Theory	Sanguine Technical Publishers
4	Dr. D Ganesh Rao & C K Narayanappa	Field Theory	Sanguine Technical Publishers

Department of Physics

Research Scholar Details

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	Guruprasad D S	Study of photophysical properties of some Coumarin Derivatives	Dr. Raveendra Melavanki
2	Nagaraj	Synthesis, Characterization and Fluorescence Studies on Some Metal oxides	Dr. Raveendra Melavanki
3	Geethanjali H S	Rotational Dynamics and Dipole Moments	Dr. Raveendra Melavanki

		of Some Laser Dyes	
4	Narasimha Murthy	Studies on Proper of Liquid Crystals	Dr. Fakruddin
5	A Jagannath Reddy	Synthesis and Luminescence properties of Nano – materials	Dr. M K Kokila
6	G N Anil Kumar	X – ray Crystallography	Dr. M K Kokila
7	B V Nagesh	Rheological studies via Optical Tweezers	Prof. Sharath Ananthamurthy

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. M R Srinivasan	Engineering Physics	New Age International Limited

Department of Computer Science and Engineering

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	Liyakathunisa	Super Resolution Reconstruction of Noisy Blurred & Aliased low resolution Images	Dr. V K Ananthashayana
2	Geetha K S	Fast Algorithms for visual data compression in the framework of embedded multimedia applications	Dr. V K Ananthashayana
3	Pushpa M K	Implementation of motion estimation technique for video codec	Dr. V K Ananthashayana
4	Jyothirmayi	Blind Image processing techniques algorithms and application	Dr. V K Ananthashayana
5	Veena G S	Moving object detection & tracking for video surveillance	Dr. V K Ananthashayana
6	Prabha Ravi	CT & SPECT Image fusion using ICA	Dr. V K Ananthashayana
7	Annapurna P Patil	Studies on agent based technologies: Models programming environment and applications	Dr. K S Ramanatha
8	Seema S	Study of Data mining algorithms & Techniques	Dr. K S Ramanatha
15	Krishnaraj P M	Analysis of new paradigms for the development & applications in free and open source software engineering	Dr. K G Srinivasa
16	Shashidhara H S	Parallel algorithms for mining frequent patterns in biological data	Dr. K G Srinivasa
17	Siddesh G M	Middleware for next generation web services	Dr. K G Srinivasa
18	Anita Kanavalli	Energy efficient power aware routing algorithms for wireless networks & applications of sensor networks	Dr. P Deepa Shenoy
19	Monica R Mundada	Handoff over Heterogeneous Networks	Dr. M N Neelakantan

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. Srinivasa K G	File Structures using C++	Tata McgrawHill, New Delhi
2	Dr. Srinivasa K G	Soft Computing for Data Mining Applications	Springer Verlag, Germany. Lecture Notes in Artificial Intelligence Series, 190.

Department of MBA

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	P M Kulakarni	Psychometrics for effective recruitment and selection in IT industry	Dr. B Janakiraman
2	Y M Satish	Tumaround strategies for SSIs in Karnataka	Dr. B Janakiraman
3	Shubha Muralidhar	Emotional Intelligence as an indicator for corporate success in software industry	Dr. B Janakiraman
4	V K Srirama	A study on problems and prospects of SCM in agricultural products in Kolar District	Dr. P V Raveendra
5	R S Kundur	A study on Integrated Supply Chain Performance Index in Automotive Industry	Dr. P V Raveendra
6	Rizwana M	A study on Marketing Practices of Handloom Weavers Cooperative societies with special reference to villages in Erode District	Dr. Kumudha
7	A Mahalakshmi	A study on impact of WCM on corporate Performance with special reference to Bangalore City	Dr. R Shanmugam
8	N Srikanth Reddy	Retail Management	Dr. B Janakiraman
9	Vijay N Rao	Stress Management	Dr. B Janakiraman

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. B Janakiraman	International Finance	Biztantra
2	Dr. B Janakiraman & R K Gopal	Total Quality Management	PHI
3	Dr. B Janakiraman	Training & Development	Biztantra wiley India Ltd
4	Dr. P V Raveendra & Dr. L Venugopal Reddy	Wealth creation through Entrepreneurship	HPH

Department of MCA

Research Scholar Details

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	D Evangelin Geetha	Software Performance Modeling and Evaluation of Disturbed Systems	Dr. T V Suresh Kumar
2	S Jagannatha	Software Performance Modeling and Evaluation of Disturbed Database Systems	Dr. T V Suresh Kumar
3	S Ajitha	Software Performance Modeling and Evaluation of Multi-Agent Systems	Dr. T V Suresh Kumar
4	P Lakshmi Narayana	Simulative Reliability of Secured Systems	Dr. T V Suresh Kumar
5	K R Shobha		Dr. K Rajani Kanth
6	M Mrunalini	Design, Modeling & Performance Evaluation of Secure ETL Processes	Dr. K Rajani Kanth
7	Madhu Bhan	Modeling and Evaluation of Performance of Data Warehouse	Dr. K Rajani Kanth

Department of Mathematics

Research Scholar Details

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	Govindaraju M V	Rayleigh – Benard & Benard Marangoni convection problems in variable viscosity liquids	Dr. V Ramachandramurthy
2	Suresh Babu R	Non-Linear study of mixed convection in a vertical heated plate with or without variable fluid properties	Dr. N L Ramesh
3	Mahesha N	Solution of Some boundary value problems arising in flow, heat and mass transfer due to a linear/nonlinear stretching sheet	Dr Subhas Abel
4	Naveen Kumar N P	Stretching Sheet Problems in Newtonian/Non-Newtonian Liquids	Dr. V Ramachandramurthy & Dr. Dinesh
5	D Uma	Thermorheological effects on convection in Boussinesq stokes suspension with non –uniform basic temperature	Dr. V Ramachandramurthy
6	S N Anantha Prasad Jain	Non-Linear study of unsteady oscillatory fluid flow and heat transfer in a vertical heated plate – an analytical approach	Dr. N L Ramesh
7	Shylaja G J	Transient MHD convection flow through a porous medium with viscous dissipation	Dr S H C V Subba Bhatta

8	Kallur V Vijaykumar	MHD convection flow through a porous medium with viscous dissipation	Dr S H C V Subba Bhatta
9	Vidya K	Mathematical modeling blood flows arteries in the presence catheter	Dr G Neeraja
10	Kiran T V	Theoretical study of blood flow in small and large arteries	Dr G Neeraja
11	Rajashekhar P L	New Relaxation Schemes for Viscous Flow	Dr. Monica Anand
12	Jayalakshamma D V	Analytical and Numerical approach for the study of flow through and past a cylinder and sphere	Dr. Dinesh P A
13	B Umadevi	Mathematical modeling of macromolecular transport in doubly connected region	Dr. Dinesh P A
14	Nalinakshi N	Mixed Convection in a vertical heated plate with or without variable fluid properties	Dr. Dinesh P A
15	Vijayakumar	A non-linear study of unsteady mixed convection for Brinkmann – Lapwood – Forchimmer model – An Analytical Approach	Dr. Dinesh P A
16	Devaraju	Mathematical modeling of dispersion of atmospheric aerosols	Dr. N Rudraiah

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. H R Keshavan	Engineering Mathematics	-
2	Dr. HSCV Subba Bhatta	Engineering Mathematics	-

Department of Instrumentation Technology

Research Scholars

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	G Shivaprakash	Electrical Potential Source Localization of Brain Activity from EEG Data	Dr. K Koshy George/ Course work completed
2	M Jyothirmayi	Blind Image Recognition and Restoration Using Independent Component Analysis	Dr. V K Annathashayan/ Pre PhD completed
3	Pushpa M K	Implementation of Motion Estimation Technique for Video Codec	Dr. V K Annathashayan/ Pre PhD completed

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Prof. P P Venkataramaiah	Advanced Microprocessors	-
2	Prof. P P Venkataramaiah	Computer Organization	-

Department of Telecommunication Engineering

Details of Research Scholars

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	B K Sujatha	Performance Adaptive Delta Modulation	Dr. P S Satyanarayana
2	K R Shobha	Dynamic and Adaptive Mechanisms for High performance routers in emerging communication networks	Dr. K Rajani Kanth

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	Dr. D Ganesh Rao	1. Network Analysis 2. control systems 3. Engineering Electromagnetics 4. Digital Signal Processing 5. Analog Communication 6. Digital Communication 7. Antenna & Radio Wave Propagation 8. Network Theory 9. Field Theory	Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher Sanguine Publisher

Department of Chemistry

Research Scholar Details:

Sl. No.	Name of the Candidate	Title	Guide / Remarks
1	Reddappa	Structural characterisation and property evaluation of Titanium Boride particle reinforced Alu,inium alloy	Dr. R.B. Badiger
2	K.V. Brungesh	Synthesis, characterization of nano-adsorbents and their applications in removal of heavy metals from aqueous solution".	Dr. B. M. Nagabhushana Dr. G. K. Ramachandra
3	C. Manjunatha	Synthesis, characterization and luminescence studies on doped and undoped CdSiO ₃ nano phosphors	Dr. B. M. Nagabhushana Dr. R.B. Badiger

4	Archana E P	Adsorption kinetics and removal of heavy metals from aqueous solutions using nano and low cost adsorbents	Dr. B. M. Nagabhushana Dr. Sunitha M.R
5	M.N. Zulfiqar Ahmed	Studies on the applications of nano metal oxides as novel adsorbent materials for the removal of heavy metal ions from aqueous solutions.	Dr. B. M. Nagabhushana
6	B. C. Yallur	Synthesis, Characterization and DNA Binding, Nuclease Activity, Catalytic property of transition metal complexes of ligand having O,N,S as Donars	Dr. P. Muralikrishna Dr. Pritha Thalukeda
7	A. Ramachandra Reddy	Synthesis and characterization of Organic corrosion inhibitors and their applications in coating technology	Dr. P. Muralikrishna
8	M. Sennappan	Synthesis, characterization and structural aspects of some Transition metal complexes	Dr. Pritha Thalukeda
9	R. Nagaraja	Preparation, characterization of nanocrystalline metal oxide adsorbents and their applications in removal of color and control of cod from effluents	Dr. B. M. Nagabhushana
10	M. Madesh Kumar	Properties of rare earth and transition dope metal ion doped silicate nano phosphors	Dr. B. M. Nagabhushana
11	Jagannatha Reddy		Dr. B. M. Nagabhushana
12	A.A. Jahagirdar		Dr. B. M. Nagabhushana
13	J.R. Jayaramaiah		Dr. B. M. Nagabhushana
14	B. Umesh		Dr. B. M. Nagabhushana
15	Sandhya Kulakarni		Dr. B. M. Nagabhushana
16	H.B. Prem Kumar		Dr. B. M. Nagabhushana

List of Books Published

Sl. No.	Name of the Author	Title	Publisher
1	B.M. Nagabhushana	Engineering Chemistry	Spectrum Publication, Bangalore

Contact

Dr. Srinivasa

Coordinator

Centre for Research and Industrial Consultancy
M S Ramaiah Institute of Technology
Bangalore – 560054