

WORKSHOP:

➤ List of facilities available.

Games and Sports Facilities
Extra Curriculum Activities
Soft Skill Development Facilities

Number of Classrooms and size of each
Number of Tutorial rooms and size of each
Number of laboratories and size of each

Number of drawing halls and size of each
Number of Computer Centres with capacity of each

Central Examination Facility, Number of rooms and capacity of each.

Available with Separate Dept.
Yes - through Departmental Associations
Yes - Through Center for Advanced Training & Continuing Education
92 - 80 Sq.M

All Depts. are having sufficient Labs with
300 Sq.M each
as per AICTE Norms
12 - 5x200, 4x175, 3x50 (Sq.M)
4 Computer Centres with 65 Students Capacity
+

All Departmental Computer Centres with 65 & 30
Students Capacity

Teaching Learning process

- Curricula and syllabi for each of the programmes as approved by the University.
- Academic Calendar of the University
- Academic Time Table
- Teaching Load of each Faculty
- Internal Continuous Evaluation System and place
- Students' assessment of Faculty, System in place.



VTU/MSRIT

Lect. - 28 to 32 Units, Asst. Prof.- 22 to 24 Units, Prof.-16 Units
As per VTU/MSRIT (Autonomous) norms.
Yes

List of typical research projects:

Project Title	Project Duration	Amount RECEIVED	Funding Agency	Status (Completed/ In progress)	Principal Investigator
APPLICATION OF HIGH PERFORMANCE CONCRETE FOR RIGID PAVEMENTS	2 YEARS	5.50 Lakhs	AICTE	Completed	Dr.K.U.Muthu
SILICA FUME AND ALUMINA FINE POWDER SPECIAL REFRACTORY CASTABLES	2 YEARS	38,000 Euros	DST	On going	Dr.K.U.Muthu

- Industry Linkage : **L&T VALDEL LTD, will be offering an elective on off-shore structures for P.G. Students currently.**

Vijaya Industries Bangalore, Research project on Development and Applications of Foamed concrete.

- Publications (if any) out of research in last three years out of masters projects: **Enclosed**
- Placement status: **100% placement through On & Off-campus.**
- Admission procedure: **As per Rules set by Govt. of Karnataka & VTU**
- Fee Structure : **Rs. 60,000.00 - 2009-2010**
- Hostel Facilities: **Available**
- Contact address of co-ordinator of the PG programme

Name: **Dr. K.U.Muthu**
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E-mail: **hod_cv@msrit.edu**

POST GRADUATE PROGRAMME IN THE MECHANICAL ENGG. DEPARTMENT

- i. Title of the Programme COMPUTER INTEGRATED MANUFACTURING
- ii. Curricula and Syllabi As prescribed MSRIT (Autonomous)
- iii. Faculty Profile

I Semester M.Tech (Computer Integrated Manufacturing)

Sl.No.	Name	Designation	Subject Teaching
1	B.P. Harichandra	Asst. Professor	Statistical Modeling & Experimental Methods
2	Dr. P. Dinesh	Professor	Finite Element methods
3	Mr.B.S. Reddappa	Asst. Professor	Advanced Material Technology
4	K.L. Vishnu Kumar	Asst. Professor	Computer Aided Design
5	Dr. S.V. Prakash	Asst. Professor	Advanced Topics in Manufacturing Management
6	Faculty	-----	Term Paper & Seminar

II Semester M.Tech (Computer Integrated Manufacturing)

Sl.No.	Name	Designation	Subject Teaching
1	Dr. N.D. Prasanna	Professor	Non Traditional Machining
2	Mr. Sunith Babu	Lecturer	Computer control of Manufacturing System
3	Dr. S.V. Prakash	Asst. Professor	Flexible Manufacturing Systems
4	Mr. ShrishailKakkeri	Sr. Lecturer	Robotics
5	Mr. C.M. Ramesha	Asst. Professor	Computer Based Maintainance
6	Faculty	-----	Term Paper & Seminar

III Semester M.Tech (Computer Integrated Manufacturing)

Sl.No.	Name	Designation	Subject Teaching
1	Dr. K.S. Janaki Ram	Professor	Management Information System
2	R. Kumar	Lecturer	Automation in Manufacturing
3	Mr. C.M. Ramesha	Asst. Professor	Condition Based Maintainance
4	Miss. Hemavathy	Lecturer	Sensor Applications in Manufacturing
5	Faculty	-----	Seminar
6	Faculty	-----	Project Preliminaries

Brief profile of each faculty Available in the Faculty Profile

➤ Laboratory Facilities exclusively to the PG Programme

- CAD lab
- CAM lab
- Robotics Lab

Special Purpose

- Software, all design tools: Modeling Unigraphics, Educational solution set (Auto desk), Pro-E, Virtual Engineering
Analysis: Msc Master Key (Nastran), ANSYS, NISA
Cam Simulation: Esprit, Predator, Capsturn, Capsmill, G-Cam
- Academic Calendar and frame work: As prescribed by MSRIT
- Research focus: Design and Analysis of machine elements, robotic arms and Computer Aided Design.
- List of typical research projects: Defects and analysis in metal forming and casting
- Industry Linkage: Industrial training at different industries NAL, ISRO, ACE Designers, Government Tool room & Training Center, Bharat Fritz Werner, MICO, Bangalore Tool Room Vishnu Forge Industries Pvt. Ltd.
- Publications(if any) out of research in last three years out of masters projects 15
- Placement status:
- Admission procedure: As per Rules set by Govt. of Karnataka & VTU
- Fee Structure: Rs. 60,000.00 -2009-2010
- Hostel facilities: Available
- Contact address of co-coordinator of the PG Programme
Name: Dr. S.V. Prakash
Address: Asst. Professor, Dept. of Mech. Engg., MSRIT, B'lore-54
Telephone: 080-23600822 Ext.325
Residence: # 36, Door No. 3, 5h cross, HMR Layout, Bangalore -5600 54
E-mail: yagprash@hotmail.com

POST GRADUATE PROGRAMME IN THE MECHANICAL ENGG. DEPARTMENT

- i. Title of the Programme MANUFACTURING SCIENE ENGG.
- ii. Curricula and Syllabi As prescribed by MSRIT (Autonomous)
- iii. Faculty Profile

I Semester M.Tech (MANUFACTURING SCIENCE ENGG.)

Sl.No.	Name	Designation	Subject Teaching
1	B.P. Harichandra	Asst. Professor	Statistical Modeling & Experimental Methods
2	Dr. P. Dinesh	Professor	Finite Element methods
3	Mr.B.S. Reddappa	Asst. Professor	Advanced Material Technology
4	Dr. N.D. Prasanna	Professor	Theory of Metal Cutting
5	Mr. S.K. Pundareeka	Professor	Surface treatment and finishing
6	Faculty	-----	Seminar

II Semester M.Tech (MANUFACTURING SCIENCE ENGG.)

Sl.No.	Name	Designation	Subject Teaching
1	Dr. N.D. Prasanna	Professor	Non Traditional Machining
2	Dr. M.K. Muralidhara	Professor	Advanced Foundry Technology
3	Mr. T. Anil Kumar	Lecturer	Advanced metal joining process
4	Mr.B.S. Reddappa	Asst. Professor	Composite Materials
5	R.Kumar	Lecturer	Automation in Manufacturing
6	Faculty	----	Term paper & Seminar

III Semester M.Tech (MANUFACTURING SCIENCE ENGG.)

Sl.No.	Name	Designation	Subject Teaching
1	Mr. Nagesh S.N.	Lecturer	Theory of Metal Forming
2	Mr.S.B. Sridhar	Sr. Lecturer	Product Data Management
3	Mr. Sunith Babu	Lecturer	Rapid Prototyping
4	Mr. C.M. Ramesha	Asst.Professor	Condition Based Maintenance
5	Faculty	-----	Seminar
6	Faculty	-----	Project Preliminaries

Brief profile of each faculty Available in the Faculty Profile

➤ Laboratory Facilities exclusively to the PG Programme

- Manufacturing Process Lab
- Heat Transfer Lab
- CAM lab

Special Purpose

- Academic Calendar and frame work: As prescribed by MSRIT.
- Research focus: MSE- Manufacture & Materials Processing
- List of typical research projects: Non funded PG Projects:
 - I) No bake sand as binders in foundry
 - II) Heat treatment of aluminum alloys
 - III) Nano Technology
 - IV) Plastic deformation of Non ferrous metals
 - V) Metal Matrix Composites
- Industry Linkage: Industrial Training at different industries.
ACE Manufacturers, EATON Technologies, Bharat Frtiz Werner, MICO, Bangalore Tool Room, Vishnu Forge Industries Pvt. Ltd., M/S. Bangalore Metallurgicals Pvt. Ltd.
- Publications (if any) out of Research in last three years out of Masters Projects : 15
- Placement status:
- Admission procedure: As per Rules set by Govt. of Karnataka & VTU
- Fee Structure: Rs. 60,000.00 -2009-2010
- Hostel facilities: Available
- Contact address of co-coordinator of the PG Programme

Name: Dr. N.D. Prasanna
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Telephone: 080-23600822 Ext.325
Residence: # 123, 14th Main, 30th cross, 4th Block, Jayanagar
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Telephone: 080-22440967
E-mail : nd.prasanna47@rediffmail.com

POST GRADUATE PROGRAMME IN THE ELECTRICAL & ELECTRONICS ENGG. DEPARTMENT

- i. Title of the Programme COMPUTER APPLICATIONS IN INDUSTRIAL DRIVES
 ii .Curricula and Syllabi As prescribed by MSRIT (Autonomous)
 iii Faculty Profile

Sl. No	NAME	Designation	SUBJECT TEACHING	
			I M Tech	II M Tech
1	T.K.Anantha Kumar	Professor	Power Electronic Devices and Circuits	Simulation of Power Electronics Circuits and Systems
2	Dr. Premila Manohar	Professor	Dynamics of analog & Discrete Time Systems Elective-I	Design of Analog and Discrete Time Control Systems - Elective III
3	T.V.Snehaprabha	Asst. Professor	Advanced Electrical Machines	—
4	Vinayak V Rao	Lecturer	Microcomputer and Micro controller	Microprocessor and Micro Controller Applications
5	Dr. Sanjay Lakshminaraynan	Asst. Professor	Electrical Drives & Power Electronics	Advanced Electrical Drives
6	Sri. Kodeeswara kumaran	Lecturer	DC and AC drives	Programmable Logic Controllers

- Brief profile of each faculty.
 Laboratory facilities exclusive to the PG programme:

Available in the Faculty Profile

- DSP based drives for Drives Laboratory including
- AC Induction motor
- DC Motor
- AC inverter Drive
- DSP controller board
- PLC Trainer kit

Special Purpose

- Software, all design tools in case:
 - PSCAD/EMTDC - A Software for transient analysis of power systems , power electronics and electrical drives.
 - MATLAB
 - Controls system tool box
- Academic Calendar and frame work: As prescribed by MSRIT
- Research focus: NIL
- List of typical research projects: NIL
- Industry Linkage
- Publications (if any) out of research in last three years out of masters projects: NIL
- Placement status: All the students of the 1st , 2nd and 3rd Batch are already placed 4th batch will be passing out in Sept, 2009
- Admission procedure: As per Rules set by Govt. of Karnataka & VTU
- Fee Structure: Rs. 60,000.00 2009-2010
- Hostel Facilities: Available
- Contact address of co-ordinator of the PG programme

Name: Dr.V.Krishnan
 Address: Prof & Head, Dept.. of E&E, MSRIT
 Telephone: Mobile: 9880274351
 E-mail: hod_ee@msrit.edu

POST GRADUATE PROGRAMME IN THE COMPUTER SCIENCE & ENGG. DEPARTMENT

- i. Title of Programme : COMPUTER SCIENCE & ENGG.
 ii. Curricula and Syllabi :

Scheme of Study(2008-09 Batch)

**Master of Technology (Autonomous)
 Computer Science and Engineering**

I Semester

Code	Subject	L	T	P	Credit
MCSE101	Theoretical Foundations of Computer Science	4	1	0	5
MCSE102	High Performance Computing	4	0	1	5
MCSE103	Topics in Data Structures	4	0	1	5
MCSE 104E	Elective-I	4	1	0	5
CSPG 105E	Elective-II	4	1	0	5
Total Credits: 25					

II Semester

Code	Subject	L	T	P	Credit
MCSE 201	Computer Communications Networks	4	1	0	5
MCSE 202	Topics in Database Systems and Applications	4	1	0	5
MCSE 203	Design and Analysis of Algorithms	4	1	0	5
MCSE 204E	Elective-III	4	1	0	5
MCSE 205E	Elective-IV	4	1	0	5
Total Credits: 25					

III Semester

Code	Subject	L	T	P	Credit
MCSE 301	Software Engineering and Metrics	4	1	0	5
MCSE 302	Embedded Systems	4	1	0	5
MCSE 303E	Elective-V	4	0	0	4
MCSE 304	Seminar	0	0	10	1
MCSE 305	Project Phase - I	0	0	10	10
Total Credits : 25					

IV Semester

Total Credits: 25

Code	Subject	L	T	P	Credit
MCSE 401	Project Phase - II	0	0	24	24
MCSE 402	Seminar	0	0	1	1
Total Credits : 25					

Electives

Artificial Intelligence	Machine Learning Techniques
Mobile Computing	Data Mining and Warehousing
Digital Image Processing	Project Management
Object Technology	Distributed Computing
Adhoc and Sensor Networks	Real Time Systems
Web Services	Bio Informatics
Game Theory	Cryptography & Network Security
Software Architecture and Design Patterns	Topics in J2EE
Service Oriented Architecture	Information Retrieval
Storage Area Networks	Network Calculus

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iii. Faculty Profile

Sl. No.	Name	Designation	Subject Teaching
1.	Dr. V.K.Ananthashayana	Professor and Head	Digital Image Processing and Computer Vision, Computer Networks, Mobile Computing.
2.	V.Muralidharan	Professor	Embedded System Design, Language Processor.
3.	S.M.Narayana	Professor	Language Processors.
4.	Anita Kanavalli	Asst. Professor	Computer Architecture, Operating Systems
5.	S.Seema	Asst. Professor	Database Management Systems.
6.	Dr Jibi Abraham	Asst. Professor	Data Structures and Algorithms, Computer Networks.
7.	Annapurna P Patil	Asst. Professor	Advance Algorithms,Artificial Intelligence, Software Engineering and Metrics, Object Technology
8.	Jagadish S Kallimani	Asst. Professor	Algorithms, Artificial Intelligence and Expert Systems, Compiler Design.
9.	Monia R Mundada	Asst Professor	Operating System Design, Network Management and Protocol, Wireless Networks
10.	Dr.K.G.Srinivasa	Asst. Professor	Algorithms, Computer Architecture, Data Mining
11.	D.S.Jayalakshmi	Asst. Professor	Theoretical foundation of Computer Science
12.	Sanjeetha	Lecturer	Data Mining, Operating System

➤ Brief profile of each faculty : **Available in the Faculty Profile**

iv. Laboratory facilities exclusive to the PG Programme :

- a. Class rooms - 69.3 Sq. Meters
- b. Tutorials
Number / Area : - 1 / 69.3 Sq. Meters
- c. CSE PG Lab and R & D Lab
Area in Sq. Mts. : 65 Sq. Meters

- Hardware : Intel Core Duo CPU, 2 GB RAM, E7300, 2.66M HZ, 160GB HDD, TFT Monitor, Keyboard, Mouse (20 Nos)
- Software : Windows Vista Client Nodes

v. Special Purpose

- Software all design tools is case : Rational Rose, NS2, Active VHDL, Pispice, OPNET
- Academic Calendar and frame work : As prescribed by VTU & Institution
- Research focus : Networking, DCP & Image Processing, Bio-Metrics, Data mining
- List of typical research projects : Industrial training and projects are undertaken by students
Industry Linkage : HP chair, Link with Philips Medical Imaging, Intel Education
BRNS - Govt of India
Project Grant, 19.2 lacks
UGC - Minor Project selected
AICTE India Project completed
Two projects under AICTE for Dr. K G Srinivasa
- Publications (if any) out of research in last three years out of master projects : 12
- Placement status : 100% (on & off campus)
- Admission procedure : As per Rules set by Govt. of Karnataka & VTU
- Fee Structure : Rs. 60,000.00 - 2009-2010
- Hostel Facilities : Available
- Contact address of coordinator of PG Programme
Name : Dr. V.K.Ananthashayana
Address : Prof & Head, Dept. of CSE, MSRIT
Telephone : 23600822-140
E-Mail : anantha_k2@yahoo.co.in

POST GRADUATE PROGRAMME IN THE INFORMATION SCIENCE & ENGG. DEPARTMENT

- i. Title of the Programme : SOFTWARE ENGINEERING
 ii. Curricula and Syllabi : As prescribed by MSRIT (Autonomous)
 iii. Faculty Profile :

Sl.No.	Name	Designation	Subject Teaching / Taught
1	Dr. K. Rajanikanth	Professor & Principal	SSE11 : Advanced Software Engg.-I SSE12 : Advanced DBMS SSE251 : Advanced Algorithms 05SSE11 : Software Development Process & Techniques 05SSE242 : Software Quality Assurance & Testing
2	Dr. Aswatha Kumar M	Prof. & Head	05SSE153 : Multimedia Information Systems MSWEE9: Mobile Computing MSWE14: Technical Writing
3	Dr.Lingaraju M G	Professor	MSWE33: Professional ,Ethical & Legal issues for Software Engineering.
4	N Ramesh	Asst. Prof.	05SSE23 : Software Architecture PSE22 : Product Engineering PSE31 : Performance Modeling SSE13 : Advance Operating Systems SSE11 : Advanced Software Engg.-I MSWE13: Software Requirement Engineering MSWE22: Softwasre Project Management
5	S.R.Chickerur	Asst.Prof	MSWEE11:High Performance Computing
6	H S Shashidhara	Asst.Prof	05SSE252 : Data Warehousing & Data Mining 05SSE13 : Data Engineering & Management
7	Anitha Muthu	Asst.Prof	05SSE143 : Object Oriented Analysis & Design PSE13 : Requirement Engineering PSE21:Software Development - Mngement & Tools
8	T. Tamalarisi	Senior Lecturer	MSWEE4 : Applications development using FOSS
9	Savitha K Shetty	Senior Lecturer	MSWEE10: Information Retrieval
10	Lincy Mathews	Lecturer	PSE252 :Data Mining and Warehousing
11	Sumana M	Lecturer	PSE252 : Data Mining and Warehousing MSWEE5 : Distributed Systems
12	Naresh E	Lecturer	MSWE31: Topics in Software Engineering

- Brief profile of each faculty. **Available in the Faculty Profile**
- Laboratory facilities exclusive to the PG programme: 2

Special Purpose

- Software, all design tools in case: Rational Rose
- Academic Calendar and frame work: As prescribed by MSRIT
- Research focus : Data Mining, Image Processing, System Software
Networking, Web services
- List of typical research projects: Image processing , Parallel architecture
- Industry Linkage M.Tech projects being done at wipro,
Intel, Unisys, Honeywell, HP, CRL-BEL etc
- Publications (if any) out of research
in last three years out of masters projects: 20
- Placement status :
- Admission procedure : As per Rules set by Govt. of Karnataka & VTU
- Fee Structure Rs. 60,000.00 - 2009-2010
- Hostel Facilities : Available
- Contact address of co-ordinator of the PG programme

Name: Dr. Aswatha Kumar M

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M.S. Ramaiah Institute of Technology
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POST GRADUATE PROGRAMME IN THE TELECOMMUNICATION ENGINEERING DEPARTMENT

- i. Title of the Programme : DIGITAL COMMUNICATIONS ENGINEERING
- ii. Curricula and Syllabi : As prescribed by VTU (www.vtu.ac.in)
- iii. Faculty Profile

SL. NO.	NAME	DESIGNATION	SUBJECT TEACHING
1	M LEVY	Sr. LECTURER	ANTENNA THEORY & DESIGN - MDCE11
2	B K SUJATHA	ASST. PROFESSOR	STATISTICAL SIGNAL PROCESSING - MDCE12
3	H L VISWANATH	PROFESSOR	ADVANCED DIGITAL COMMUNICATIONS - MDCE13
4	S J KRISHNA PRASAD	ASST. PROFESSOR	OPTICAL COMMUNICATION NETWORKING - MDCE14
5	K R SHOBHA	ASST. PROFESSOR	ADVANCED COMPUTER NETWORKS - MDCE15
6	H L VISWANATH	PROFESSOR	SEMINAR - MDCE16

- Brief profile of each faculty. **Available in the Faculty Profile**

Laboratory facilities exclusive to the PG programme: NIL

Special Purpose

- Software, all design tools in case: NIL
- Academic Calendar and frame work: As prescribed by VTU
- Research focus: NIL
- List of typical research projects: NIL
- Industry Linkage
- Publications (if any) out of research in last three years out of masters projects: NIL
- Placement status:
- Admission procedure: As per Rules set by Govt. of Karnataka & VTU
- Fee Structure: Rs. 60,000.00 - 2009-2010
- Hostel Facilities: Available
- Contact address of co-ordinator of the PG programme

Name: Prof. H L Viswanath
 Address: # 10, 1st Cross, 6th Block, 3rd Phase, 3rd Stage, BSK, Bangalore - 560 085
 Telephone: 23600822 - Extn 173
 E-mail: hl_viswa@hotmail.com

NOTE: Suppression and/or misrepresentation of information would attract appropriate penal action.