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Recognised Teachers of the University (Master of Engineering Programme in Information Technology)

Sr. No.	Name of Faculty	Designation
1.	Dr. B.K. Mishra	Principal
2	Dr. Bijith Marakarkandy	Co-Ordinator, Associate Professor
3	Dr. Vinayak Bharadi	HOD (IT), Associate Professor
4	Mr. Rajesh S. Bansode	MR, Associate Professor
5	Mr. Zahir Aalam	T & P Officer, Associate Professor
6	Ms. Sangeeta Vhatkar	Assistant Professor



Master of Engineering programme in Information Technology

About the Post Graduate Department of Information Technology

The department was established in the year 2011. The Department conducts the Master of Engineering programme in Information Technology as per the syllabus prescribed by the University of Mumbai. The department caters to Engineers seeking advanced technical or management foundation or research capabilities with an Industrial perspective in the field of Information Technology. The Department aims to produce academic and industry leaders.

Our Offerings

Taking up leadership roles in today's technology world requires much more than technical knowledge it requires management and business acumen. Students are advised to take up courses in a cross-disciplinary cohort from the syllabus prescribed by University of Mumbai. Class strength is small thereby allowing students to interact and connect with professors and other industry collaborators. Limited number of Teaching Assistantship and Research Assistantship are offered to students to meet the cost of their studies, other benefits include career advising, placement assistance, access to alumni network and industry connections.

Short Term Goals

- To get the program accredited by NBA.
- Preparatory courses for students exploring further study opportunities (PhD Entrance Test)

Long term goals

- Dynamic/Collaborative/Interdisciplinary/Cooperative programmes in alliance with industry houses and reputed top universities.



Faculty List of Information Technology (Master of Engineering Programme)

Sr. No.	Name of Faculty	Subjects taught
1	Dr. Kamal Shah	E-Business Techniques, Data Storage Management and Retrieval, Ethical Hacking and Dig. Forensic, Business Intelligence, Knowledge Management
2	Dr. Vinayak Bharadi	Data Storage Management and Retrieval, Soft Computing
3	Dr. Bijith Marakarkandy	E-Business Techniques, Knowledge Management
4	Mr. Vikas Kaul	Network Design and Management, Enterprise Sec. & Risk Management
5	Mr. Rajesh S. Bansode	Network Design and Management, Enterprise Sec. & Risk Management
6	Mr. Zahir Aalam	Usability Engineering, E-Business Techniques, Next Generation Networks
7	Ms. Sangeeta Vhatkar	PRACTICALS
8	Mr. Aaditya Desai	Advanced Software Architecture, Advanced Data Mining with BI
9	Mr. Namdeo Badhe	Advanced Data Mining with BI
10	Mrs. Vandana Munde	Advanced Data Mining with BI, Virtualization and Cloud Computing
11	Mrs. Purvi Sankhe	Usability Engineering, Ubiquitous Computing
12	Mrs. Neha Kapadia	Advanced Software Architecture



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Information Technology (Master of Engineering Programme) Dissertation (A.Y. 2012-13) Batch 2011-2013

Sr. No.	Name of Student	Title of Project	Name of Guide
1	Shalini Agarwal (Jain)	Performance Evaluation and QoS Analysis of Routing Protocols	Mrs. Sangeeta Vhatkar
2	Vikas Baloda	The antecedents of e-banking adoption in India, decomposed theory of planned behavior using structural equation modeling (SEM)	Mr. Bijith M.
3	Neha Jain	Security Enhancement Algorithm for Data Transmission for Next Generation Networks	Dr. B. K. Mishra
4	Poonam Joshi	Securing Anonymous and Confidential Database through Privacy Preserving Updates	Mr. Prashant Jawade



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Information Technology (Master of Engineering Programme) Disertation (A.Y. 2012-13) Batch 2011-2013

Sr. No.	Name of Student	Title of Project	Name of Guide
5	Anita Lahane	Wireless Image Transmission Scheme Using Turbo Product Coding and Encryption Technique	Dr. B. K. Mishra
6	Allan Lopes	Performance Measurement and Analysis of OFDM model in MATLAB simulink to enhance BER in presence of noise	Mr. Zahir Aalam
7	Payal Mishra	Face Recognition using Multidimensional Clustering on Hyperspectral Face Images	Dr. Vinayak Bharadi



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Information Technology (Master of Engineering Programme) Disertation (A.Y. 2012-13) Batch 2011-2013

Sr. No.	Name of Student	Title of Project	Name of Guide
8	Bhavesh Pandya	Multimodal Fusion of Fingerprint & Iris using Hybrid waveletbased feature vector	Dr. Vinayak Bharadi
9	Shreya Saxena	E shopping adoption studies using technical acceptance models	Mr. Bijith M.
10	Amruta P. Pokhare	Performance of Turbo Product Code in Wireless Communication	Mrs. Trushita Chaware
11	Patel Jignesh	Hybrid Security algorithm for data transmission using AES-DES	Mr. Rajesh Bansode
12	Digma Shah		Mr. Zahir Alam
13	Shaikh Aamra P.	Improved AES Algorithm based on ECC	Mr. Vikas Kaul



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Information Technology (Master of Engineering Programme) Disertation (A.Y. 2012-13) Batch 2011-2013

Sr. No.	Name of Student	Title of Project	Name of Guide
14	Suwarna Thakre	Design and implementation of enhanced application lockbox for mobile device security	Mr. Prashant Jawade
15	Leena Thakur	Inventory analysis using Genetic Algorithm in Supply Chain Management	Mr. Aaditya Desai
16	Shruti Vaidya	Application of Vector Quantization for Audio Retrieval	Dr. Kamal Shah
17	Sonali Vaidya	Real Time Video Surveillance System	Dr. Kamal Shah
18	Sunil Yadav	Knowledge Management in CRM using Data mining Technique	Mr. Aaditya Desai



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Information Technology (Master of Engineering Programme) Dissertation (A.Y. 2012-14) Batch 2012-2014

Sr. No.	Name of Student	Title of Project	Name of Guide
1	Nilesh Bane	Performance Improvement of BLAST with use of MSA Techniques to Search Ancestor Relationship among Bioinformatics Sequences	Dr. Kamal Shah
2	Jay L. Borade	Cross Layer Design for Optimizing TCP Performance in Wireless Networks	Dr. B. K. Mishra
3	Rashmi Chawla	Performance Evaluation and QoS Analysis of MBC Protocol in WSN with Mobile Nodes	Mrs. Sangeeta Vhatkar
4	Prerana P. Choudhari	Security Enhancement for Data Transmission in 3G/4G Networks	Mr. Vikas Kaul



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Information Technology (Master of Engineering Programme) Dissertation (A.Y. 2012-14) Batch 2012-2014

Sr. No.	Name of Student	Title of Project	Name of Guide
5	Sejal Demello	Modeling, Simulation, Performance Analysis and Enhancement of Bluetooth	Mr. Zahir Aalam
6	Deepak Gaikar	Tracking, Modeling and Predicting the Flow of Information using Social Media Analytics	Mr. Bijith M.
7	Shridhar Kamble	Data Mining and Data Warehousing for Supply Chain Management	Mr. Aaditya Desai
8	Pratik Kanani	Hybrid PKDS in 4G	Dr Kamal Shah
9	Tanvi Kapdi	Disclosing Malicious Traffic for Network Security	Dr. Kamal Shah



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Information Technology (Master of Engineering Programme) Disertation (A.Y. 2012-14) Batch 2012-2014

Sr. No.	Name of Student	Title of Project	Name of Guide
10	Merlin Jacob	Integration and use of KM with SCM for Effective Decision Making, Forecasting and Policy making	Dr. Kamal Shah
11	Rahul Mishra	Performance Evaluation and QoS Analysis of ECHERP Routing Protocol in Wireless Sensor Networks	Mrs. Sangeeta Vhatkar
12	Hetal Rana	Performance Evaluation and QoS Analysis of EEPB and IEEPB Routing Protocol in Wireless Sensor Networks	Mrs. Sangeeta Vhatkar



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Information Technology (Master of Engineering Programme) Disertation (A.Y. 2012-14) Batch 2012-2014

Sr. No.	Name of Student	Title of Project	Name of Guide
13	Avani R. Shah	Online Signature Recognition using Sectorization of Complex Walsh Plane	Dr. Vinayak Bharadi
14	Suvidha Swamy	Security in 3G/4G Networks	Dr. Kamal Shah
15	Pallavi Vartak	Hyper Spectral Face Recognition using Hybrid Wavelets	Dr. Vinayak Bharadi
16	Priya Vartak	Integration of Open ERP with Supply Chain Management	Mr. Aaditya Desai
17	Apeksha Waghmare	Performance Analysis and Enhancement of ISM Band Technologies	Mr. Zahir Aalam
18	Vandana Yadav	Finger Knuckle Print Recognition using Hybrid Wavelet	Dr. Vinayak Bharadi



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Information Technology
(Master of Engineering Programme)
Disertation (A.Y. 2012-14)
Batch 2014-2015 (ME-IT 2nd Year)

Roll No.	Name of Student	Synopsis Title	Name of Guide
1	DIAS JESSICA	Knowledge Management for Predicting sales in Downstream Supply Chain Management	Mr. Aaditya Desai
2	D'SILVA GODSON	Performance Improvement of Online Signature Recognition using Software as a Service Architecture	Dr. Vinayak Bharadi
3	GABHANE MADHUR	Design and Modeling of Wearable ECG (Electrocardiogram) monitoring device for Heart Patients	Mr. Zahir Aalam



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Information Technology
(Master of Engineering Programme)
Disertation (A.Y. 2012-14)
Batch 2014-2015 (ME-IT 2nd Year)

Roll No.	Name of Student	Synopsis Title	Name of Guide
4	GONSALVES ODILIA	Data Mining for Predicting sales of Tourism Industry	Mr. Aaditya Desai
5	JOSHI KAUSTUBH	Proximity based Collaborative content sharing for smart devices	Mr. Zahir Aalam
6	KARTHA AARATI	Face Recognition using Orthogonal Transform Coefficients of Hyperspectral Face Images	Dr. Vinayak Bharadi
7	MEHTA SRISHTI	Performance Evaluation & QOS Analysis of BCDCP routing protocol in WSN	Ms. Sangeeta Vhatkar



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Information Technology
(Master of Engineering Programme)
Disertation (A.Y. 2012-14)
Batch 2014-2015 (ME-IT 2nd Year)

Roll No.	Name of Student	Synopsis Title	Name of Guide
8	MORE SHRADDHA	Cache based side channel attack using AES & RSA	Mr. Rajesh Bansode
9	PUNJABI JASBIR KAUR	Development of Security Enhancement Techniques for 3G / 4G Networks	Mr. Vikas Kaul
10	RANA JIGISH	Performance Evaluation & QOS Analysis of PDCH routing protocol in WSN	Ms. Sangeeta Vhatkar
11	SANGHAVI NIDHI	Improving the IEEE 802.11 WLAN MAC Layer Handoff Latency to support Multimedia Traffic	Mr. Rajesh Bansode



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Information Technology (Master of Engineering Programme) Dissertation (A.Y. 2012-14) Batch 2014-2015 (ME-IT 2nd Year)

Roll No.	Name of Student	Synopsis Title	Name of Guide
12	SASWADE NIKHIL	Automation in Cloud Computing Amazon Web Services	Dr. Kamal Shah
13	SHAH BINAL	A Novel Approach for improving security & performance in Next Generation Network	Dr. Kamal Shah
14	SHAH DHVANI	End-to-End Encryption based Biometric Security SaaS using Raspberry Pi as a Remote Authentication Node	Dr. Vinayak Bharadi
15	SHARMA PRAGYAMANI	E-Shopping adoption : A Structural Equation Modelling Approach	Dr. Bijith M.



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Information Technology
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Disertation (A.Y. 2012-14)
Batch 2014-2015 (ME-IT 2nd Year)

Roll No.	Name of Student	Synopsis Title	Name of Guide
16	SHARMA PRIYANKA	A Predictive Model for Analysing sales using sentiment analysis	Dr. Bijith M.
17	THAKAR HARSHKUMAR	Performance Evaluation & QOS Analysis of SPEED routing protocol in WSN	Ms. Sangeeta Vhatkar
18	VARTAK KRUNALI	Cloud Based CBIR SaaS using Hybrid Wavelet based feature vector	Dr. Vinayak Bharadi