



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ

नांदेड - ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

NANDED-431606, MAHARASHTRA STATE, INDIA.

Established on 17th September 1994 - Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'A' Grade



ACADEMIC (1-BOARD OF STUDIES) SECTION

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अभियांत्रिकी विद्याशाखेतील पदवी तृतीय वर्षाच्या अभ्यासक्रमांचे Course Structure शैक्षणिक वर्ष २०१६-१७ पासून लागू करण्यात आले.

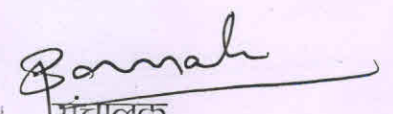
प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, प्रस्तुत विद्यापीठाच्या अभियांत्रिकी विद्याशाखेतील खालील पदवी तृतीय वर्षाच्या (CGPA) अभियांत्रिकी शाखांच्या अभ्यासक्रमांचे Course Structure शैक्षणिक वर्ष २०१६-१७ पासून लागू करण्यात येत आहे.

- | | |
|---|------------------------------------|
| (1) Mechanical Engineering | (2) Computer Science & Engineering |
| (3) Electronics & Telecommunication Engineering | (4) Civil Engineering |
| (5) Information & Technology | (6) Electrical Engineering |

सदरील Course Structure व परिपत्रक प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

'ज्ञानतीर्थ' परिसर,
विष्णुपुरी, नांदेड - ४३१ ६०६.
जा.क्र.: शैक्षणिक-०१/परिपत्रक/अभियांत्रिकी-कोर्स स्ट्रक्चर
२०१६-१७/१६८
दिनांक : १९.०८.२०१६.


संचालक
महाविद्यालय व विद्यापीठ विकास मंडळ

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- २) मा. परीक्षा नियंत्रक यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ४) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) साहाय्यक कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, यू.जी.सी. कक्ष, प्रस्तुत विद्यापीठ.

Swami Ramanand Teerth Marathwada University, Nanded

Summary of Teaching, Evaluation and Credit Scheme for

Bachelor of Engineering (Information Technology)

Sr No	Semester	Total Contact Hours/Week			Total Credits		
		L	T	P	T	P	Total
1	Semester III	21	02	10	15	05	20
2	Semester IV	18	02	10	15	06	21
3	Semester V	19	03	10	15	06	21
4	Semester VI	20	04	10	15	07	22
5	Semester VII	18	--	12	15	09	24
6	Semester VIII	18	--	12	15	09	24
Total					90	42	132

Total Credits = 132 + 41 (Approx.) FE = 173

Swami Ramanand Teerth Marathwada University, Nanded

Teaching and Evaluation Scheme for Second Year Program in Computer Science & Engineering and Information Technology

Semester-III

Effective from 2016-2017

Course Code	Course Name	Teaching Scheme			Credit Structure		
		L	T	P	T	P	Total
CI201	Engineering Mathematics-III	03	01	--	03	--	03
CI202	Discrete Mathematics	03	01	-	03	-	03
CI203	Data Structures	04	-	04	03	02	05
CI204	Digital Systems	04	-	02	03	01	04
CI205	Economics for Engineers	03	-	-	03	-	03
CI206	Programming Lab-I (Advance C)	02	-	02	-	02	02
CI207	Professional Communication Skills	02 AUDIT	-	02	-	-	-
Total		21	02	10	15	05	20

Total Credits : 20

Total Contact Hours/Week: 33

Note :

- Prefix “CI” Courses will be common for both CSE and IT Dept.

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	20 M	80 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 % Each, MSE ó Mid Semester Examination and ESE ó End Semester Examination					

Swami Ramanand Teerth Marathwada University, Nanded

Teaching and Evaluation Scheme for Second Year Program in Computer Science & Engineering and Information Technology

Semester-IV
Effective from 2016-2017

Course Code	Course Name	Teaching Scheme			Credit Structure		
		L	T	P	T	P	Total
CI208	Microprocessors & Microcontrollers	04	-	02	03	01	04
CI209	Computer Algorithms	04	-	-	03	-	03
CI210	System Programming	04	-	-	03	-	03
CI211	Object Oriented Programming with C++	03	01	02	03	01	04
CI212	Numerical Methods & Scientific Computing	03	01	02	03	01	04
CI213	Programming Lab-II	-	-	02	-	01	01
CI214	Mini Project-I	-	-	02	-	02	02
Total		18	02	10	15	06	21

Total Credits : 21

Total Contact Hours/Week: 30

Note :

- **Prefix “CI” Courses will be common for both CSE and IT Dept.**

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	10 M	40 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 % each, MSE ó Mid Semester Examination and ESE ó End Semester Examination					

Swami Ramanand Teerth Marathwada University, Nanded

Teaching and Evaluation Scheme for Third Year Program in Information Technology

Semester V

Effective from 2016-2017

Course Code	Course Name	Teaching Scheme			Credits		
		L	T	P	T	P	Total
IT301	Operating Systems	04	-	02	03	01	04
IT302	Automata Theory	03	01	-	03	-	03
IT303	Database Management Systems	04	-	02	03	01	04
IT304	Data Communication & Networks	03	01	02	03	01	04
IT305*	Elective-I	03	01	02	03	01	04
IT308	Web Technology Lab-I	02	-	02	-	02	02
Total		19	03	10	15	06	21

IT 305* Elective-I	
IT 305	Java programming
IT 306	Digital Signal Processing
IT 307	Information Theory and Coding

Total Credits: 21
Total Contact Hours/Week: 32

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	20 M	80 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 Each					

Swami Ramanand Teerth Marathwada University, Nanded

Teaching and Evaluation Scheme for Third Year Program in Information Technology Semester VI Effective from 2016-2017

Course Code	Course Name	Teaching Scheme			Credits		
		L	T	P	T	P	Total
IT 309	Software Engineering	03	01	-	03	-	03
IT 310	Compiler Design	03	01	02	03	01	04
IT 311	Computer Networks	04	-	02	03	01	04
IT 312	Unix Operating System	03	01	02	03	01	04
IT 313*	Elective -II	03	01	02	03	01	04
IT 316	Professional Aptitude and Logical Reasoning	02 AUDIT	-	-	-	-	-
IT 317	Web Technology Lab-II	02	-	02	-	02	02
IT 318	Seminar	-	-	-	-	01	01
Total		20	04	10	15	07	22

IT313* Elective II	
IT 313	Python Programming
IT 314	Advanced Database Management Systems
IT 315	Computer Organization & Architecture

Total Credits: 22
Total Contact Hours/Week: 34

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	20 M	80 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 Each					

Swami Ramanand Teerth Marathwada University, Nanded
Teaching and Evaluation Scheme for
Final Year Program in Information Technology
Semester VII

Effective from 2017-2018

Course Code	Course	Teaching Scheme			Credits		
		L	T	P	T	P	Total
IT401	Cryptography and Network Security	04	-	02	04	01	05
IT 402	Information Tech. Project Mgmt.	04	-	-	04	-	04
IT 40*	Elective óIII	04	-	02	04	01	05
IT 40*	Elective óIV	04	-	02	03	01	04
IT 413	C# .net lab	02	-	02	-	02	02
IT 414	Industrial Training Program	-	-	-	-	01	01
IT 415	Project-I	-	-	04	-	03	03
Total		18	-	12	15	09	24

Code 40* Elective III		Code40* Elective IV	
IT 403	Data Mining & Data Warehouse	IT408	Software Testing and Quality Assurance
IT 404	Real Time Systems	IT409	Business Intelligence
IT 405	Digital Image Processing	IT410	Unified Modeling Language
IT 406	Artificial Intelligence	IT411	Embedded System
IT 407	Soft Computing and Machine Learning	IT 412	Natural Language Processing

Total Total Credits: 24
Contact Hours/Week: 30

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	20 M	80 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 Each					

Swami RamanandTeerthMarathwada University, Nanded

Teaching and Evaluation Scheme for Final Year Program in Information Technology

Semester VIII
Effective from 2017-2018

Course Code	Course	Teaching Scheme			Credits		
		L	T	P	T	P	Total
IT 416	Mobile Communication	04	-	02	04	01	05
IT 417	Management Information System	04	-	-	04	-	04
IT 41*	Elective V	04	-	02	04	01	05
IT 41*	Elective VI	04	-	02	03	01	04
IT 426	Project-II	-	-	04	-	04	04
IT 427	FOSS Tech Lab	02	-	02	-	02	02
Total		18	-	12	15	09	24

Code41* Elective V		Code41* Elective VI	
IT 418	Cloud Computing	IT 422	Cyber Security
IT 419	Distributed Systems	IT 423	E-Commerce
IT 420	Operating System for Handheld devices	IT 424	Wireless Sensor Networks
IT 421	Advanced Computer Architecture	IT 425	IoT and Big Data

Total Credits: 24

Total Contact Hours/Week: 30

Evaluation Scheme					
Theory Credit Course		Theory Audit Course		Practical / Workshop	
MSE	ESE	MSE	ESE	Continuous Evaluation	ESE
20 M	80 M	20 M	80 M	30 M	70 M
Minimum for Passing in Theory, Audit and Practical / Workshop : 40 Each					