



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ

नांदेड- ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

NANDED-431606, MAHARASHTRA STATE, INDIA.

स्वामी रामानंद तीर्थ  
मराठवाडा विद्यापीठ, नांदेड.

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



## ACADEMIC-01( BOARD OF STUDIES SECTION )

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जा.क्रं. शैक्षणिक/०१/अभ्यासक्रम/२०१५-१६/४९४९

दि: १२/०४/२०१६

प्रती,  
मा. परीक्षा नियंत्रक,  
प्रस्तुत विद्यापीठ.

विषय : **Implementation of Skill Development Programme through innovative SRTMU Nanded – IBM Academic Collaboration (Course)**  
अभ्यासक्रमाबाबत....

महोदय,

उपरोक्त विषयास अनुसरून आपणास कळविण्यात येते की, दिनांक २१ डिसेंबर २०१५ रोजी आयोजित मा. विद्या परिषदेच्या बैठकीतील विषय क्र.२१/३५-२०१५ ठरावाच्या अनुशंगाने प्रस्तुत विद्यापीठातील संलग्णित महाविद्यालये व विद्यापीठ परीसर संकुलातील अभ्यासक्रमातील विद्यार्थ्यांना उपयोगी पडणारा Skill Development अभ्यासक्रमा खालील प्रमाणे ठराव घेण्यात आले.

- A) Approved “Implementation of Skill Development Programme through innovative SRTMU Nanded – IBM Academic Collaboration”.
- B) Approved following modules to be integrated with graduation/ post graduation programmes of Computer Sciences, Computer Studies, Computer Engineering, Information Technology and similar programmes:
  - i. Enterprises Application Deployment,
  - ii. Mobile Application Development and Deployment and
  - iii. Big Data
- C) Approved syllabus of “Skill Development Programme” through innovative SRTMU Nanded – IBM Academic Collaboration.

उपरोक्त विषयी सोबत जोडल्या प्रमाणे अभ्यासक्रमास शैक्षणिक वर्ष २०१६-१७ पासून लागू करण्यास मान्यता प्रदान केली आहे.

तरी ही बाब सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

आपला विष्वासू,

स्वा / –

संचालक

महाविद्यालय व विद्यापीठ विकास मंडळ

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) संचालक, सर्व शैक्षणिक संकुल, प्रस्तुत विद्यापीठ.
- २) प्राचार्य, सर्व संलग्णित महाविद्यालये, प्रस्तुत विद्यापीठ.
- २) कुलसचिव (निवडणूक कक्ष), यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ४) सहा.कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ५) सिस्टीम एक्सपर्ट, प्रस्तुत विद्यापीठ. (सदरील परिपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसारित करावे.)

Year Semester (B Tech)

Capability	Skill Specialization	Intended Audience	Branch	I - 1	I - 2	II - 1	II - 2	III - 1	III - 2	IV - 1	IV - 2						
Enterprise Application Development	Enterprise Development	Java developers for development and testing of serverside applications based on Java EE component model.	All disciplines (focus - CS, IT)	IBM CE Software Foundation Basics	25 Hours	IBM CE Software Foundation Advanced	25 Hours	Information Management Basics with DB2	25 Hours	IBM CE Object Oriented Programming using Java	40 hours	Minor Projects includes bridge course on RUP software development methodology)	Mastering Servlet and JSP Development with Rational Application Developer	40 hours	40+50 Hours	40+50 Hours	40+50 Hours
	Cloud Deployment	Java developers for development and testing of serverside applications based on Java EE component model for cloud deployment.	All disciplines (focus - CS, IT)	IBM CE Software Foundation Basics	25 Hours	IBM CE Software Foundation Advanced	25 Hours	Information Management Basics with DB2	25 Hours	IBM CE Object Oriented Programming using Java	40 hours	40 hours	30+30 Hours	Enterprise Application Development and Deployment for Cloud Environment using Rational Application Developer	40 hours	40+30 Hours	40+30 Hours
Mobile Application Development & Deployment	Enterprise Mobile Application Development and Deployment for Cross mobility platforms	Developers for HTML5, hybrid and native applications for a variety of smartphones and tablets, and to support the entire application lifecycle from development, through back-end integration and authentication, to post-deployment management.	All disciplines (focus - Electronics, CS, IT)	IBM CE Software Foundation Basics	25 Hours	IBM CE Software Foundation Advanced	25 Hours	Information Management Basics with DB2	25 Hours	IBM CE Object Oriented Programming using Java	40 hours	40 hours	30+30 Hours	Minor Projects (includes software development methodology)	40 hours	40 hours	40+60 Hours
	Big Data	Data modeller Database designer Data architect Data warehouse project leaders with a technical interest	All disciplines (focus - CS, IT)	IBM CE Software Foundation Basics	25 Hours	IBM CE Software Foundation Advanced	25 Hours	Information Management Basics with DB2	25 Hours	IBM CE Object Oriented Programming using Java	40 hours	40 hours	30+30 Hours	Minor Projects (includes software development methodology)	40 hours	40 hours	40+60 Hours