



# स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

"ज्ञानतीर्थ" परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**

"Dnyanteerth", Vishnupuri, 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

25

1994 - 2019

SILVER JUBILEE YEAR

## ACADEMIC (1-BOARD OF STUDIES) SECTION

Phone: (02462) 229542

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E-mail: bos.srtmun@gmail.com

Fax : (02462) 229574

संलग्नित महाविद्यालयांतील विज्ञान व तंत्रज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील प्रथम वर्षाचे CBCS Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९-२० पासून लागू करण्याबाबत.

### प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक ०८ जून २०१९ रोजी संपन्न झालेल्या ४४व्या मा. विद्या परिषद बैठकीतील ऐनवेळचा विषय क्र.११/४४-२०१९ च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या संलग्नित महाविद्यालयांतील विज्ञान व तंत्रज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील प्रथम वर्षाचे खालील विषयांचे C.B.C.S. (Choice Based Credit System) Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९-२० पासून लागू करण्यात येत आहेत.

1. Bioinformatics
2. Biotechnology
3. Biochemistry
4. Botany
5. Chemistry
6. Computer Management
7. Computer Science
8. Dairy Science
9. Environmental Science
10. Herbal Medicine
11. Information Technology
12. M.C.A.
13. Microbiology
14. Physics
15. Software Engineering
16. System Administration & Networking
17. Zoology

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://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-१ / परिपत्रक / पदव्युत्तर-सीबीसीएस

अभ्यासक्रम / २०१९-२० / ४६४

दिनांक : ११.०७.२०१९.

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ४) साहाय्यक कुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) उपकुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.

स्वाक्षरित :-

उपकुलसचिव

शैक्षणिक (१-अभ्यासमंडळ) विभाग



Dr. M. R. Patil  
President

Dr. N. S. Zulpe  
Ex. Principal

सदरपं :

दिनांक :

Translation of University Circular. Regarding implementation of CBCS pattern for PG FY from academic year 2019-20 for faculty of science & technology

**CIRCULAR**

This is to inform that following PG courses of faculty of science & technology implemented CBCS pattern from academic year 2019-20 resolution NO.11/44-2019 past in the 44<sup>th</sup> on Academic council meeting held on 8<sup>th</sup> June 2019.

1. Bioinformatics
2. Biotechnology
3. Biochemistry
4. Botany
5. Chemistry
6. Computer Management
7. Computer Science
8. Dairy Science
9. Environmental Science
10. Herbal Medicine
11. Information Technology
12. M.C.A.
13. Microbiology
14. Physics
15. Software Engineering
16. System Administration & Networking
17. Zoology

Above circular & curriculum is made available on university website [www.srtmun.ac.in](http://www.srtmun.ac.in). Therefore this is notified to all the concerned.

'Dnyanteerth' campus  
Vishnupuri, Nanded - 431 606  
Ref. No.: Edu.1/Circular/PG-CBCS Syllabus/2019-  
20/464 Date: 11/07/2019

SD/-  
Dy. Registrar  
Education (1-Curriculum) Section

Encls: As above copy for information and further procedure:

1. Hon. Registrar office, SRTMU.
2. Hon. Director, Examination & Evaluation Dept., SRTMU
3. Principal, all affiliated colleges, SRTMU.
4. Assistant Registrar, PG Section, SRTMU
5. Dy. Registrar, PG Section, SRMU.
6. System Expert, UGC, SRTMU.

Translation Certified by :

  
Principal  
College of Computer Science  
and Information Technology, Latur

स्वामी रामानंद तीर्थ  
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नांदेड.



**Swami Ramanand  
Teerth Marathwada  
University, Nanded.**

<< परिपत्रक >>

या परिपत्रकाच्या सर्व संबंधितांस कळविण्यात येते की, प्रस्तुत विद्यापीठाच्या विज्ञान विद्याशाखेतर्गत पदवी अभ्यासक्रमांना ( CGPA) Pattern व पदव्युत्तर अभ्यासक्रमांना ( CBCS) Pattern लागू करण्याबाबत दिनांक 04 ऑगस्ट 2014 रोजी विज्ञान विद्याशाखेची बैठक आयोजित करण्यात येवुन ठराव क्रमांक 02 नुसार खालील प्रमाणे नियम करण्यात आले.

**To discuss and finalize the pattern of CGPA and CBCS for UG & PG respectively to be implemented from academic year 2014-15.**

Members were discussed on different aspects Choice Base Credit System (CBCS) and unanimously suggested the faculty has to adopt the guideline as prepared by the Committee nominated by Hon, Vice-Chancellor. Tentatively the Weightage of Assessment of Continuous assessment (CA) and End of Semester Examination (ESE) is of 25% & 75% are accepted.

Also all members unanimously approved the following marking scheme:

**Tentative Distribution of Credits for PG under Science faculty:**

Sem.	Paper No.	External (ESE)	Internal (CA)	Total
Sem. I	Paper-I	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments : 10 marks)	Credit: 4 (100 marks)
	Paper-II	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments : 10 marks)	Credit: 4 (100 marks)
	Paper-III	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments : 10 marks)	Credit: 4 (100 marks)
	*Paper-IV (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments : 10 marks)	Credit: 4 (100 marks)
	Paper -V ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: I</b>				<b>Credit: 17</b>



फोन : (०२४६२) २२९२४२ / ४३  
फैक्स : (०२४६२) २२९२४५ / २२९३२५

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University, Nanded.**

Sem. II	Paper-VI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-IX (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -X ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: II</b>				<b>Credit: 17</b>

Lab Course Work (Annual Practical)	Lab Course Work -I	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work -II	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work -III	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work -IV	(75 marks)	(25 marks)	Credit: 4 (100 marks)
<b>Total for Lab Course work( Annual)</b>				<b>Credit: 16</b>
<b>Total for M.Sc. I Year: Sem. I+ Sem. II + Lab Course work (Annual)</b>				<b>Credit: 50</b>

Semester	Paper No.	External (ESE)	Internal (CA)	Total
Sem. III	Paper-XI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIV (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XV ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: I</b>				<b>Credit: 17</b>

फोन : (०२४६२) २२९२४२ / ४३  
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Sem. IV	Paper-XVI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIX (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	**Paper –XX ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: II</b>				<b>Credit: 17</b>

Lab Course Work (Annual Practical)	Lab Course Work –V	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –VI	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –VII	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Project Work –VIII (Dissertation / Elective Lab course work)	(75 marks)	(25 marks)	Credit: 4 (100 marks)
<b>Total for Lab Course work( Annual)</b>				<b>Credit: 16</b>
<b>Total for M.Sc. II Year: Sem. III+ Sem. IV + Lab Course work (Annual)</b>				<b>Credit: 50</b>
<b>Total for M.Sc.(I Year + II Year):</b>				<b>Credit: 100</b>

**Note: 1. \*Paper-IV (Elective): Transfer of Credit as per Student choice  
\*\*The evaluation of seminar should be from panel of Experts.**

**Non Laboratory Subjects: Mathematics**

Semester	Paper No.	External (ESE)	Internal (CA)	Total
Sem. I	Paper-I	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-II	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-III	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-IV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)

फोन : (०२४६२) २२९२४२ / ४३  
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	*Paper-V (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –V I ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
	<b>Total for Sem: I</b>			<b>Credit: 25</b>
<b>Sem. II</b>	Paper-VII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-IX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -X	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XI (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –XII ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
	<b>Total for Sem: II</b>			<b>Credit: 25</b>
	<b>Total for M.Sc. I Year: (Sem. I+ Sem. II)</b>			<b>Credit: 50</b>



फोन : (०२४६२) २२९२४२ / ४३  
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Teerth Marathwada  
University, Nanded.**

Semester	Paper No.	External (ESE)	Internal (CA)	Total
Sem. III	Paper-XIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XIV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XVII (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XVIII ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
<b>Total for Sem: III</b>				<b>Credit: 25</b>
Sem. IV	Paper-XIX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XXI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XXII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XXIII (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XXIV Project Course ( Dissertation / Elective Lab course work)	(100 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 5 (125marks)
<b>Total for Sem: IV</b>				<b>Credit: 25</b>
<b>Total for M.Sc. II Year: (Sem. III+ Sem. VI)</b>				<b>Credit: 50</b>
<b>Total for M.Sc.(I Year + II Year):</b>				<b>Credit: 100</b>

Note: 1. \*Paper-IV (Elective): Transfer of Credit as per Student choice  
\*\*The evaluation of seminar should be from panel of Experts.

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**Swami Ramanand  
Teerth Marathwada  
University, Nanded.**

तरी सदरील नियम पदवी अभ्यासकमांना ( CGPA) Pattern व पदव्युत्तर अभ्यासकमांना ( CBCS) Pattern शैक्षणिक वर्ष 2014-15 पासून लागू करण्याच्या दृष्टिने मा. विद्यापरीषदेच्या वतिने मान्यता प्रदान करण्यात आली आहे.

तरी ही बाब सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

"ज्ञानतीर्थ" परिसर )(  
विष्णुपूरी, नांदेड. )(  
जा.क्र.शैक्षणिक/अभ्यासकम/01/2014-2015/1515 )(  
दिनांक : 27/09/2014 )(  
)

स्वा/-  
संचालक  
महाविद्यालय व विद्यापीठ विकास मंडळ

प्रत माहिती व पुढील कार्यवाहीस्तव :

- 1) प्राचार्य, सर्व संबंधित महाविद्यालये, प्रस्तुत विद्यापीठ.
- 2) मा. परीक्षा नियंत्रक, प्रस्तुत विद्यापीठ.
- 3) कुलसचिव (निवडनुक कक्ष), यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- 4) उपकुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- 5) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- 6) सिस्टिम एक्सपर्ट, प्रस्तुत विद्यापीठ, (सदरील परीपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसारीत करावे)



संदर्भ :  
दिनांक :**Translation of University Circular****Circular**

This is to inform to all the concerned that the meeting held on 4<sup>th</sup> August 2014 with faculty of science for implementation of CGPA pattern to the UG & PG courses. Following rules formulated according to resolution No. 2.

To discuss and finalize the pattern of CGPA and CBCS for UG & PG respectively to be implemented from academic year 2014-15.

Members were discussed on different aspects Choice Base Credit System (CBCS) and unanimously suggested the faculty has to adopt the guideline as prepared by the Committee nominated by Hon. Vice-Chancellor. Tentatively the Weightage of Assessment of Continuous assessment (CA) and End of Semester Examination (ESE) is of 25% & 75% are accepted.

Also all members unanimously approved the following marking scheme:

Tentative Distribution of Credit for PG under Science faculty:

Sem.	Paper No.	External (ESE)	Inter (CA)	Total
Sem.I	Paper-I	(75 marks)	(25 marks) (2 Test : 15 marks + assignment : 10 marks))	Credit: 4 (100 marks)
	Paper-II	(75 marks)	(25 marks) (2 Test : 15 marks + assignment : 10 marks))	Credit: 4 (100 marks)
	Paper-III	(75 marks)	(25 marks) (2 Test : 15 marks + assignment : 10 marks))	Credit: 4 (100 marks)
	Paper-IV (Elective)	(75 marks)	(25 marks) (2 Test : 15 marks + assignment : 10 marks))	Credit: 4 (100 marks)
	Paper-V (Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: I</b>				<b>Credit: 17</b>

Sem. II	Paper-VI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-IX (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -X (Seminar)	Credit: 1 (25marks)		Credit: 1
<b>Total for Sem: II</b>				<b>Credit: 17</b>



Royal Education Society's

[Govt. of Maharashtra approved, affiliated to S.R.T. Marathwada University, Nanded and included under Section 2(f) and 12 (B) of U.G.C. Act 1956

**COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.**

**संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय, लातूर. (कॉम्प्युटर)**

COCSIT Campus, Ambajogai Road, LATUR- 413531 (Maharashtra)

Ph.: 02382 - 229191, 227779, Fax : 02382 - 228646, Website : www.cocsit.org.in, E-mail : cocsit365@rediffmail.com

**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :

दिनांक :

Lab Course Work (Annual Practical)	Lab Course Work –I	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –II	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –III	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –IV	(75 marks)	(25 marks)	Credit: 4 (100 marks)
<b>Total for Lab Course work( Annual)</b>				<b>Credit: 16</b>
<b>Total for M.Sc. I Year: Sem. I+ Sem. II + Lab Course work (Annual)</b>				<b>Credit: 50</b>

Semester	Paper No.	External (ESE)	Internal (CA)	Total
Sem. III	Paper-XI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIV (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –XV ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: I</b>				<b>Credit: 17</b>

Sem. IV	Paper-XVI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIX (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	**Paper –XX ( Seminar)	Credit: 1 (25 marks)		Credit: 1
<b>Total for Sem: II</b>				<b>Credit: 17</b>





**COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.**

**संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय, लातूर. (कॉम्प्युटर)**

COCSIT Campus, Ambajogai Road, LATUR- 413531 (Maharashtra)

Ph.: 02382 - 229191, 227779, Fax : 02382 - 228646, Website : www.cocsit.org.in, E-mail : cocsit365@rediffmail.com

**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :  
दिनांक :

<b>Lab Course Work (Annual Practical)</b>	Lab Course Work –V	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –VI	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Work –VII	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	Lab Course Project Work –VIII (Dissertation / Elective Lab course work)	(75 marks)	(25 marks)	Credit: 4 (100 marks)
<b>Total for Lab Course work( Annual)</b>				<b>Credit: 16</b>
<b>Total for M.Sc. II Year: Sem. III+ Sem. IV + Lab Course work (Annual)</b>				<b>Credit: 50</b>
<b>Total for M.Sc.(I Year + II Year):</b>				<b>Credit: 100</b>

Note: 1. \*Paper-IV (Elective): Transfer of Credit as per Student choice \*\*The evaluation of seminar should be from panel of Experts.

**Non Laboratory Subjects: Mathematics**

Semester	Paper No.	External (ESE)	Internal (CA)	Total
<b>Sem. I</b>	Paper-I	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-II	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-III	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-IV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-V (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –V I ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
<b>Total for Sem: I</b>				<b>Credit: 25</b>





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**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :

दिनांक :

Sem. II	Paper No.	External (ESE)	Internal (CA)	Total
	Paper-VII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-VIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-IX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -X	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XI (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XII ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
<b>Total for Sem: II</b>				<b>Credit: 25</b>
<b>Total for M.Sc. I Year: (Sem. I+ Sem. II)</b>				<b>Credit: 50</b>

Semester	Paper No.	External (ESE)	Internal (CA)	Total
Sem. III	Paper-XIII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XIV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XV	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XVII (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XVIII ( Seminar/ Lab Course Work)	(125 marks) (For Each Theory Paper 1 credit)		Credit: 5 (125marks)
<b>Total for Sem: III</b>				<b>Credit: 25</b>



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**COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.**

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**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :

दिनांक :

Sem. IV	Paper-XIX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XX	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XXI	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XXII	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XXIII (Elective)	(75 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper -XXIV Project Course (Dissertation /Elective Lab course work)	(100 marks)	(25 marks) (2Test : 15 marks+ Assignments :10 marks)	Credit: 5 (125marks)
<b>Total for Sem: IV</b>				<b>Credit: 25</b>
<b>Total for M.Sc. II Year: (Sem. III+ Sem. VI)</b>				<b>Credit: 50</b>
<b>Total for M.Sc.(I Year + II Year):</b>				<b>Credit: 100</b>

Note: 1. \*Paper-IV (Elective): Transfer of Credit as per Student choice

\*\*The evaluation of seminar should be from panel of Experts.

Therefore, above rules granted by Academic Council for UG courses (CGPA Pattern) and PG Courses (CBCS Pattern) from academic year 2014-15.

Therefore this is notified to all the concerned.

'Dnyanteerth' campus

Vishnupuri, Nanded – 431 606

Ref. No. Academic/Edu./01/2014-15/1473

Date: 25/09/2017

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5. Dy. Registrar, PG section, SRTMU.
6. System Expert, UGC, SRTMU.

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Director  
Board of college and University  
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Principal  
I/c. PRINCIPAL  
College of Computer Science  
and Information Technology, Latu





स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ  
नांदेड - ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY  
NADED-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 (I-BOARD OF STUDIES) SECTION

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Fax : (02462) 229574

Website: [www.srtmun.ac.in](http://www.srtmun.ac.in)

E-mail: [bos.srtmun@gmail.com](mailto:bos.srtmun@gmail.com)

संगणक शास्त्रे विद्याशाखेतील अभ्यासक्रमांना  
शैक्षणिक वर्ष २०१६-१७ पासून CBCS  
Pattern लागू करण्याबाबत.

## प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक २१ डिसेंबर २०१५ रोजी संपन्न झालेल्या ३५व्या मा. विद्या परिषद बैठकीतील ऐनवेळचा विषय क्र.०४/३५-२०१५ च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या संलग्नित महाविद्यालयांतील संगणक शास्त्रे विद्याशाखेतील अभ्यासक्रमांना शैक्षणिक वर्ष २०१६-१७ पासून सोबत जोडल्याप्रमाणे **Choice Based Credit System (C.B.C.S.) Pattern** लागू करण्यात येत आहे.

सदरील Choice Based Credit System (C.B.C.S.) Pattern प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेतस्थळावर उपलब्ध आहे. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

'ज्ञानतीर्थ' परिसर,  
विष्णुपुरी, नांदेड - ४३१ ६०६.  
जा.क्र.: शैक्षणिक-०१/परिपत्रक/सीबीसीएस पॅटर्न/  
२०१५-१६/४२२९  
दिनांक : ०४.०२.२०१६.



स्वाक्षरित / -  
संचालक  
महाविद्यालय व विद्यापीठ विकास मंडळ

सोबत : वरीलप्रमाणे.

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.





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**COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.**

**संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय, लातूर. (कॉक्सिट)**

COCSIT Campus, Ambajogai Road, LATUR- 413531 (Maharashtra)

Ph.: 02382 - 229191, 227779, Fax : 02382 - 228646, Website : www.cocsit.org.in, E-mail : cocsit365@rediffmail.com

**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :

दिनांक :

**Translation of University Circular** : Regarding enforcement of CBCS pattern in academic year 2016-17 for the Courses of Computer Science.

### Circular

- All the concerned colleges are informed that the Choice Based Credit System (CBCS) pattern will be implemented from the academic year 2016-17 for computer science faculty which has discussed in the 35<sup>th</sup> meeting of academic council held on 21<sup>st</sup> December 2015.

The CBCS pattern is made available on www.srtmun.ac.in therefore this is notified to all the concerned.

'Dnyanteerth' campus  
Vishnupuri, Nanded – 431 606  
Ref. No. Academic- 01/circular/ CBCS  
pattern/2015-16/4229 Date: 04.02.2016

SD/-  
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Board of college and University  
Development

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4. Dy. Registrar, PG section, SRTMU.
5. Assistant Registrar Dept. of Eligibility, SRTMU.
6. System Expert, UGC, SRTMU.

Translation Certified by :

  
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College of Computer Science  
and Information Technology, Latur

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OWDI % 02462% 229245 @ 229325

Phone : (02462) 229242 / 43  
Fax : (02462) 229245 / 229325

स्वामी रामानंद तीर्थ  
मराठवाडा विद्यापीठ,  
नांदेड.



**Swami Ramanand  
Teerth Marathwada  
University, Nanded.**

<< परिपत्रक >>

या परिपत्रकान्वये सर्व संबंधितांस कळविण्यात येते की, प्रस्तुत विद्यापीठाच्या विविध विद्या शाखेंतर्गत पदवी अभ्यासक्रमांना (CGPA) Pattern व पदव्युत्तर अभ्यासक्रमांना (CBCS) Pattern लागू करण्याबाबत दिनांक 16.07.2014 रोजी अधिष्ठातांच्या Draft Committee सदस्यांची बैठक आयोजित करण्यात येवुन सोबत जोडल्याप्रमाणे नियम करण्यात आले.

तरी सोबत जोडल्याप्रमाणे पदवी अभ्यासक्रमांना (CGPA) Pattern व पदव्युत्तर अभ्यासक्रमांना (CBCS) Pattern शैक्षणिक वर्ष 2014-15 पासुन लागू करण्याच्या दृष्टिने मा. विद्यापरीषदेच्या वतिने मान्यता प्रदान करण्यात आली आहे.

तरी सदरील बाब संबंधितांच्या निदर्शनास आणून द्यावी.

"ज्ञानतीर्थ" परिसर )  
विष्णूपुरी, नांदेड. )  
जा.क्र.शैक्षणिक/अभ्यासक्रम/01/2014-2015/1473 )  
दिनांक : 25/09/2014 )

स्वा/-  
संचालक  
महाविद्यालय व विद्यापीठ विकास मंडळ

प्रत माहिती व पुढील कार्यवाहीस्तव :

- 1) प्राचार्य, सर्व संबंधित महाविद्यालये, प्रस्तुत विद्यापीठ.
- 2) मा. परीक्षा नियंत्रक, प्रस्तुत विद्यापीठ.
- 3) कुलसचिव (नियडनुक कक्ष), यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- 4) उपकुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- 5) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- 6) सिस्टिम एक्सपर्ट, प्रस्तुत विद्यापीठ, सदरील परीपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसारीत करावे)



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**COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.**

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**Dr. M. R. Patil**  
President

**Dr. N. S. Zulpe**  
I/c. Principal

संदर्भ :  
दिनांक :

### Translation of University Circular

### **Circular**

This is to inform to all the concerned that the meeting held with Draft Committee of Deans on 16<sup>th</sup> July 2014, regarding enforcement of CGPA pattern for under graduate courses and CBCS pattern for Post graduate courses with enclosed rules.

Therefore, CGPA pattern for UG courses & CBCS pattern for PG courses will be implemented from academic year 2014-15 permitted by academic council.

Therefore this is notified to all the concerned.

'Dnyanteerth' campus  
Vishnupuri, Nanded – 431 606  
Ref. No. Academic/Edu./01/2014-15/1473  
Date: 25/09/2017

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Board of college and University  
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5. Dy. Registrar, PG section, SRTMU.
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and Information Technology, Latur