

Swami Ramanand Teerth Marathwada

University, Nanded



Syllabus of Third Year

BCA

(Revised CBCS pattern)

Introduced from Academic Year 2021-2022

**BCA Third Year Proposed Syllabus
w.e.f. 2021-2022**

BCA III Year SEM - V			
Course category	Subject Code	Subjects	Credits
Core Course	BCA-501	System Analysis and Design (SAAD)	04
Core Course	BCA-502	Web Development and PHP Programming	04
Core Course	BCA-503	Mobile Application Development	04
Chose any one from the below Elective courses			
Elective Subject	BCA-504-A	Computer Network	04
	BCA-504-B	Cloud Computing	04
Chose any one Open Elective courses			
Open Elective	BCA-505 A	University recognized MOOC (NPTEL / SWAYAM / others) OR Intra / Inter Departmental courses OR	04
	BCA-505-B	Linux Operating System	04
Lab / Practical	BCA-506	Lab- PHP Programming	02
	BCA-507	Lab- Mobile Application Development	02
		Total Credit	24
BCA III Year SEM - VI			
	Subject Code	Subjects	Credits
Core Course	BCA-601	Software Engineering	04
Core Course	BCA-602	Python	04
Core Course	BCA-603	Project Development activity and Seminar	04
Chose any one from the below Elective courses			
Elective Subject	BCA-604-A	Windows Programming	04
	BCA-604-B	Digital Image Processing	04
Chose any one Open Elective courses			
Open Elective	BCA-605 A	University recognized MOOC (NPTEL / SWAYAM / others) OR Intra / Inter Departmental courses OR	04
	BCA-605-B	Cyber Security	04
Lab / Practical	BCA-606	Lab- Python	02
	BCA-607	Lab- Windows Programming and DIP	02
		Total Credit	24

Name of Course	B.C.A. Third Year
Semester	VI Semester
Name of Subject	Project Development Activity and Seminar
Subject Code	BCA-603
Marks	75
Lectures	50

Guidelines for Project Work:

1. Student can opt any programming language / software, C, C++, VC++, Oracle, VB.NET, PHP, Java etc package for project work.
2. An individual or group of maximum 03 (three) students can work on single project
3. Project should strictly developed in lab and student should get it checked from guide time to time.
4. Student should get the Synopsis of project approved from guide well in advance
5. The project work should covers:
 - Cover page
 - Certificate
 - Declaration
 - Acknowledgment
 - Index
 - Introduction of project
 - Data flow diagram
 - Source code
 - Result/output
 - Limitations
 - Conclusion
 - Bibliography

Student should submit one copy of project report to the college. For project work, there should be one external Examiner from the University & one internal Examiner from College.

Guidelines for Seminar:

- Students have to select separate seminar topic,
- Prepare the Seminar Report and also deliver the presentation of seminar topic using PPTs or any other presentation technologies.
- Each student has to submit one hard copy of seminar report to college.

**Swami Ramanand Teerth Marathwada
University, Nanded**
(NAAC Re-accredited with 'A' Grade)



Syllabus of
Second Year M.Sc. (Computer Science)*
(Revised CBCS pattern)
Introduced from Academic Year 2020-2021

CBCS Revised Syllabus w. e. f AY: 2020-2021
Program:(Computer Science) Second Year Affiliated Colleges

Sr. No	Course category	Course Code	Course Title	Internal credits	External credits	Total credits
FourthSemester						
1.	Core Subjects	CS-401	Digital Image Processing	1	3	4
2		CS-402	Linux Administration	1	3	4
3		CS-403	Major Project development Activity	1	3	4
Choose any one from below elective subjects						
4	Elective Subject	CS-404 A	Client Server Technology	1	3	4
		CS-404 B	Software Testing Tools			
Practical /Lab						
5	Lab / Practical	CS-405	Lab-7: DIP	1	1	2
		CS-406	Lab-8: Based on Elective Subject	1	1	2
6	Open Elective	CS-407A	University recognized MOOC (NPTEL / SWAYAM / others) OR Intra / Inter Departmental OR Intra / Inter School OR	4	0	4
		CS-407 B	Logical Reasoning and Quantitative Aptitude			
7	Skill based Activity	CS-408	SK-04 : Soft Skills	1	0	1
	Total credits					25

Course Code: CS-403

Course Title: Major Project development Activity

Course Objectives:

To provide a postgraduate level knowledge in computer science, including understanding, analysis, management, and handling of real-life information technology problems in workplace.

Course Outcome:

Project based learning will increase their capacity and learning through shared cognition. Students will have an ability to identify, formulate and implement computing solutions. Students will be able to design a system, component or process as per needs and specification.

Guidelines for Project Development:

1. A group of maximum three students should be formed at the beginning of the semester
2. Each project will be allotted one project guide.
3. Students must submit the project topic and synopsis to the project guide.
4. Students will be given a project approval letter signed by the head of department and the project guide.
5. After receiving a project approval letter, students must submit at least three progress reports of their development in project to the guide, one per month.
6. After completion of project students have to give pre-exam demo to his guide.
7. After finalization of the project, students must prepare minimum 03 copies of the project reports, out of which one copy is for the college and one copy is for the university records. University/College copy must be bind with black covering with golden embossment and it should contain
 - i. First Page
 - ii. Certificate
 - iii. Declaration
 - iv. Acknowledgement
 - v. Project Approval letter
 - vi. Three Progress reports
 - vii. System Flow Diagram/DFD
 - viii. Chapter wise briefing, results, conclusions, snapshots, code, etc
 - ix. Bibliography

Third Semester

Subject code	Name of the Paper	Marks
CRT-301	Regulatory Affairs	50
CRT-302	Human Biology	50
CRT-303	Special Regulatory Process	50
CRT-304	Pharmacogenomics	50
CRP-V	Lab Course-V	50
CR-VI	Lab Course –VI	50

Fourth Semester

Subject code	Name of the Paper	Marks
CRT-401	Project management & Business Development	50
CRT-402	Audit & Inspection	50
CRT-403	Pharmacovigilance & Safety Monitoring	50
CRT-404	Reporting & Medical writing	50
CRP-VII	Lab Course VII	50
CRP-VIII	Lab Course-VIII	50

Lab Course-V

Case Studies - I

The students should study suitable cases from any one hospital about the patients and do critical analysis, comments, observations and recommendations. This needs to be submitted in writing as well as a seminar presentation, which shall be evaluated by internal and university examiners.

Lab Course-VI

Case Studies - II

The students should make case study from different hospitals by taking single case and do critical analysis, comments, observations and recommendations. This needs to be submitted in writing as well as a seminar presentation, which shall be evaluated by internal and university examiners.

English. Techniques to improve simplicity and clarity of style-linking of passages and construction of paragraphs, building of strong sentences.

Text & Reference:

1. Clinician's Guide to Medical Writing :Robert B. Taylor. 1st ed. 2004. Springer Publications.
2. Guidebook to Better Medical Writing :Robert L. Iles (Author), Debra Volkland. Iles
3. Medical writing & clinical reporting: Beltas.
4. Medical writing: Cam Johns tan.
5. Medical writing & reporting:Dr.Nancy Snyder man.

CRP-VII

Seminars & Report Writing

Students should prepare & submit the report of seminars for at list two topics given by their guide.

Seminar report should be computer typed & evaluated by guide, internal & university examiners'.

CRP-VIII Project Work

The students should do their project on any related topics of the above syllabus or study suitable cases from the hospitals, pharmaceutical industries etc. This needs to be submitted in writing, which shall be evaluated by internal and university examiners.

SYLLABUS M.Sc. BIOTECHNOLOGY
CHOICE BASED CREDIT SYSTEM (June 2019)

Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
						ESA	MSA	
I	BT-I	Cell and Developmental Biology	4	CC	4	75	25	100
	BT-II	Microbiology and Virology	4	CC	4	75	25	100
	BT-III	Biochemistry	4	CC	4	75	25	100
	BT-IV	(A) Techniques in Biotechnology	4	DSE	4	75	25	100
		(B) Plant Metabolism and Development						
	Lab course-I	Practicals based on course BT-I and BT-II	4+4	PR	4	100		100
	Lab course-II	Practicals based on course BT-III and BT-IV	4+4	PR	4	100		100
					24	500	100	600
M.Sc. BT SY								
Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
						ESA	MSA	
II	BT-V	Molecular Genetics	4	CC	4	75	25	100
	BT-VI	Immunotechnology	4	CC	4	75	25	100
	BT-VII	Process Biotechnology	4	CC	4	75	25	100
	BT-VIII	(A) Enzymology	4	DSE	4	75	25	100
		(B) Nanobiotechnology						
	Lab course-III	Practicals based on course BT-V and BT-VI	4+4	PR	4	100		100
	Lab course-IV	Practicals based on course BT-VII and BT-VIII	4+4	PR	4	100		100
					24	500	100	600
Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
						ESA	MSA	
III	BT- IX	Genetic Engineering	4	CC	4	75	25	100
	BT- X	Industrial Biotechnology	4	CC	4	75	25	100
	BT- XI	Plant Biotechnology	4	CC	4	75	25	100
	BT- XII	English and Science Communication Skills	2	SDC	2	40	10	50
	BT- XIII	Intellectual Property Right/Online certification course NPTEL /SWAYM /MOOC of equivalent credit	2	OE	2	50		50
	Lab course- V	Practicals based on course BT-IX and BT-X	4+4	PR	4	100		100
	Lab course-VI	Practicals based on course BT-XI	4	PR	4	100		100
						24	515	85
Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
						ESA	MSA	
IV	BT- XIV	Computational Biology	4	CC	4	75	25	100
	BT- XV	Pharmaceutical Biotechnology	4	CC	4	75	25	100
	BT- XVI	Environmental Biotechnology	4	CC	4	75	25	100
	BT- XVIII (Elective)	(A) Animal Biotechnology	4	DSE	4	75	25	100
		(B) Food Biotechnology						
	Lab course-VII	Practicals based on course BT-XIV + XV+-XVI+XVII	4+4	PR	4	100		100
	Lab course-VIII	Project/ Review Writing	4	PR	4	100		100
					24	500	100	600

Note :

2. Pattern of Internal Assessment

CC- Core Course, DSE- Discipline Specific Elective, ESA- End Semester Assessment, MSA- Mid Semester Assessment

SDC- Skill Development Course, OE- Open Elective

Total Credits: 96

Swami Ramanand Teerth Marathwada University, Nanded
Choice Base Credit System (CBCS) Course Structure
Faculty of Science and Technology
B.Sc. Third Year Fifth Semester Biotechnology Syllabus
Effective from June 2021

Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
						ESA	CIA	
V		Environmental Studies	4					
	CCBT-1E	r-DNA Technology	4	CC	4	75	25	100
	CCBT-2E	Developmental Biology	4	CC	4	75	25	100
	CCBT-3E	Bioprocess Technology	4	CC	4	75	25	100
	DSEBT-4E (Select any one)	I) Advanced Bioinformatics	4	DSE	4	75	25	100
		II) Medical Biotechnology						
	Lab Course IX	Practicals based on CCBT 1E+2E	4	PR	4	100		100
Lab Course X	Practicals based on CCBT3E+DSEBT4E	4	PR	4	100		100	
					24	500	100	600
Semester	Code	Title of the Course	Hr/Week	Type of Course	Credit	Marks		Total
VI	CCBT-1F	Pharmaceutical Biotechnology	4	CC	4	75	25	100
	CCBT-2F	Industrial Biotechnology	4	CC	4	75	25	100
	CCBT-3F	Environmental Biotechnology	4	CC	4	75	25	100
	DSEBT-4F (Select any one)	I) Agriculture Biotechnology	4	DSE	4	75	25	100
		II) Animal Biotechnology						
	Lab Course XI	Practicals based on CCBT 1F+2F	3+3	PR	4	100		100
	Lab Course XII	Practicals based on CCBT 3F+4F	3+3	PR	4	100		100
Lab Course XIII	Dissertation/ Project Work/Review writing	3	PR	2	50		50	
					26	550	100	650
CC- Core Course, DSE- Discipline Specific Elective, AEC- Ability Enhancement Course, ESA- End Semester Assessment, CIA- Continuous Internal Assessment, PR- Practical, SEC-Skill Enhancement Course								
Total credits (Sem I+ II+III+IV+V+VI) = 24+24+26+26+24+26= 150								

SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY, NANDED



SYLLABUS

Master of Library and Information Science

Choice Based Credit System (CBCS) Semester Pattern

With Effect from: June, 2021

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Choice Based Credit System (CBCS) Course Structure

M. Lib. & Inf. Sci. (PG) Program Faculty - Interdisciplinary Studies

Subject – Library and Information Science

With effect from: June, 2021

Semester I

Semester	Paper Code & No.	Title of the Paper	Scheme of Teaching (Periods/Week)			Scheme of Evaluation				Credits
			Lectures/Week	Practical	Total No. of Lect.	Theory (ESE)	Internal (CA)	Practical / Viva-Voce	Total Marks	
I	MLIS-I	Principals and Techniques in Library Management	04	---	60	80	20	---	100	04
I	MLIS-II	Research Method and Statistical Techniques	04	---	60	80	20	---	100	04
I	MLIS-III	ICT in Library: Theory	04	---	60	80	20	---	100	04
I	MLIS-IV	ICT in Library: Practice	---	Per batch 4 hrs (2batch x4 hrs=8 hrs)	120	---	---	40 +10	50	02
I	MLIS-V	Internship	---	---	60	----	---	50	50	02
Semester - I Total			12	4 hrs per batch	360	240	60	100	400	16
Semester II										
II	MLIS-VI	E-Resources and Services	04	---	60	80	20	---	100	04
II	MLIS-VII	Digital Library	04	---	60	80	20	---	100	04
II	MLIS-VIII	Information Analysis, Repackaging & Consolidation	04	---	60	80	20	---	100	04
II	MLIS-IX	Project Work	04	----	60	---	---	80 +20	100	04
Semester - II Total			16	---	240	240	60	100	400	16
I Sem & II Sem Total			28	4 hrs per batch	600	480	120	200	800	32

ESE (End Semester Examination) CA (Continue Assessment)

Master of Library and Information Science

SEMESTER – II

MLIB –Paper - IX

Project Work (Dissertation)

Course Objectives/Outcomes: -

- 1) To acquaint the students with the research skills.

Project Report Instruction:

- The Project report shall be on an approved topic pertaining to Library and Information Science. Each student shall work under the supervision and guidance of a teacher for his/her Project report.
- The student has to prepare a synopsis on chosen topic and present before the departmental committee. Two presentations on Project report is compulsory i. e. One for Synopsis and One after the completion of Work but before final printing.
- The Project report (4 copies) duly approved by the Guide must be submitted through the Head of the Dept. One week before the commencement of the final practical Examination, failing which the candidates will not be allowed to appear for the examination. In addition the student will have to submit a soft copy of the Project report in PDF.
- The Project report shall be examined by one external examiner duly appointed as per rules of the University
- The Viva-Voce based on Project report shall be conducted by the External Examiner and Internal examiner
- The Department through the Head of the Dept. shall send necessary details of internal work of the students to the Examination section

**Swami Ramanand Teerth Marathwada
University, Nanded**
(NAAC Re-accredited with 'A' Grade)



Syllabus of
Second Year M.Sc. (Computer Management)
(Revised CBCS pattern)

Introduced from Academic Year 2020-2021

M.Sc.(CM)

Sr. No	Course category	Course Code	Course Title	Internal credits	External credits	Total credits
Fourth Semester						
1.	Core Subjects	CM-401	Software Testing	2	2	4
2		CM-402	ASP.NET using VB.NET	2	2	4
3		CM-403	Major Project development Activity	0	4	4
Choose any one from below elective subjects						
4	Elective Subject	CM-404 A	Software Project Management	2	2	4
		CM-404 B	Mobile Application Development			
Practical /Lab						
5	Lab / Practical	CM-405	Lab-7: Based on CM-402	1	1	2
		CM-406	Lab-8: Based on Elective Subjects	1	1	2
6	Open Elective	CM-407A	University recognized MOOC (NPTEL / SWAYAM / others) OR Intra / Inter Departmental OR Intra / Inter School OR	4	0	4
		CM-407 B	Information Communication Technology			
7	Skill based Activity	CM-408	SK-04	1	0	1
	Total credits					25

Course Code: CM-403

Course Title: Major Project development Activity

Course Objectives:

To provide a postgraduate level knowledge in computer science, including understanding, analysis, management, and handling of real-life information technology problems in workplace. Students are encouraged to problems from real life / NGO/ / state-central govt projects/ hackathon/ etc

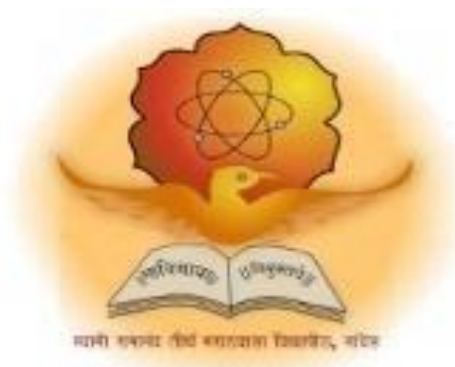
Course Outcome:

Project based learning will increase their capacity and learning through shared cognition. Students will have an ability to identify, formulate and implement computing solutions. Students will be able to design a system, component or process as per needs and specification.

Guidelines for Project Development:

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2. Each project will be allotted one project guide.
3. Students must submit the project topic and synopsis to the project guide.
4. Students will be given a project approval letter signed by the head of department and the project guide.
5. After receiving a project approval letter, students must submit at least three progress reports of their development in project to the guide, one per month.
6. After completion of project students have to give pre-exam demo to his guide.
7. After finalization of the project, students must prepare minimum 03 copies of the project reports, out of which one copy is for the college and one copy is for the university records. University/College copy must be bind with black covering with golden embossment and it should contain
 - i. First Page
 - ii. Certificate
 - iii. Declaration
 - iv. Acknowledgement
 - v. Project Approval letter
 - vi. Three Progress reports
 - vii. System Flow Diagram/DFD
 - viii. Chapter wise briefing, results, conclusions, snapshots, code, etc
 - ix. Bibliography

**Swami Ramanand Teerth Marathwada University,
Nanded (Maharashtra)
(NAAC Re-accredited with 'A' Grade)**



**Syllabus of
B. Voc. Medical Laboratory Technology (Third Year)
(3 years Degree Course)**

**B.Voc.Medical Laboratory Technology, Third Year
Semester - VI**

Sr. No	Course Code	Course Title	Continuous Assessment Credits(CA)			End Semester Exam Credits (ESE)			Total Credits	
			Credits	Marks	Min. Marks	Credits	Marks	Min. Marks	Credits	Marks
General Education										
1	BMLT 601	R-DNA Technology	2	50	20	2	50	20	4	100
2	BMLT 602	Entrepreneurship Program	2	50	20	2	50	20	4	100
3	BMLT 603	Research Methodology	2	50	20	2	50	20	4	100
Skill Courses										
4	BMLT 604	Hematology - III	2	50	20	2	50	20	4	100
5	BMLT 605	Pathology - III	2	50	20	2	50	20	4	100
Practical Skill Courses										
7	BMLT 606	LAB 16- Hematology - III	1	25	10	1	25	10	2	50
8	BMLT 607	LAB 17: Pathology - III	1	25	10	1	25	10	2	50
9	BMLT 608	LAB 18 : Project & Seminar on Hospital Training	6	150	60	-	-	-	6	150
Total									30	750

Paper Title - BMLT 608	Practical – LAB 18 Project & Seminar on Hospital Training	Credits - 6
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Objective :-

1. To develop the students from all facets of various domains of skills such as Personal, social, professional & life long learning and make them a perfect human being with awareness of all social responsibilities.
2. To develop confidence as well as to promote the attitude of the students towards self developer and entrepreneur and also to developed the skill of presentation art.

Training Details:

The students are placed in research & development, pathological / clinical departments of various health care industries / hospitals / diagnostic centers / pathological laboratories / organisations for four months duration. During the hospital training tenure, the students are expected to gain actual pathological and clinical experience and try to make them familiar with the hospital environment.

The students have to keep day-to-day record of their actual work done during hospital training and same is to compiled along with the information about the hospital / pathological laboratory (in which they have been placed) in a bound volume which is to be submitted as a project report. The concerned teachers are supposed to guide the students for the preparation and presentation of the project report.

Seminar:

The students are required to deliver seminar on the topic of their pathological laboratory experiences i.e. actual work done by them in that pathological laboratories / pathological department / hospitals / diagnostic centre during their tenure of hospital training of one month duration. The duration or time allotted for students for delivering a seminar is 10 minutes only and in this stipulated time period he/she has to present his/her pathological laboratory experiences about the actual work done by him/her in pathological laboratory during hospital training.

----- THE END-----

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED

**Choice Based Credit System (CBCS) Learning Outcome Based Course
Structure (New scheme)**

Faculty of Science and Technology

Subject: Microbiology

M.Sc. Second Year Semester – III & IV

(Affiliated Colleges W.E.F. JUNE – 2020)

Name of the Faculty	Total credit	Average credits per semester
Science and Technology	100	25

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Note:

- Assessment shall consist of Continuous assessment (**CA**) and End of Semester Examination (**ESE**).
- **Weightage:** 75% for ESE & 25% for CA
- **Paper- (Elective):** Transfer of Credit as per Student choice

Distribution of Credits for M. Sc. IInd Year Microbiology under Science & Technology faculty (All Affiliated Colleges)

Semester	Paper No. & Code	Title of the subject	External (ESE)	Internal (CA)	Total
Sem. III	Paper-XI: MB-301	Molecular Immunology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XII: MB-302	Recombinant DNA Technology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XIII: MB-303	Microbial Diversity and Extremophiles	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIV (Elective): MB-304	Biostatistics, Computer Applications and Research Methodology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –XV (Seminar)	Based on theory paper MB- 301, 302, 303 & 304	(25 marks)		Credit: 1
				Total for Sem: III	Credit: 17
Sem. IV	Paper-XVI: MB-401	Fermentation Technology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVII; MB-402	Medical and Pharmaceutical Microbiology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper-XVIII: MB-403	Environmental Microbiology	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	*Paper-XIX (Elective): MB-404	Microbial Bioinformatics, Genomics and Proteomics	(75 marks)	(25 marks) (2Test: 15 marks+ Assignments :10 marks)	Credit: 4 (100 marks)
	Paper –XX (Seminar)	Based on theory paper MB- 401, 402, 403 & 404	(25 marks)		Credit: 1
				Total for Sem: IV	Credit: 17
Lab Course Work (Annual Practical)	LAB –V	Based on theory paper MB- 301 & MB-302	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	LAB –VI	Based on theory paper MB- 303 & MB-304	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	LAB –VII	Based on theory paper MB- 401, 402, 403 & 404	(75 marks)	(25 marks)	Credit: 4 (100 marks)
	LAB –VIII (Dissertation) *(Elective)	----	(75 marks)	(25 marks)	Credit: 4 (100 marks)
				Total for Lab Course work (Annual)	Credit: 16
				Total for M.Sc. II Year: Sem. III + Sem. IV + Lab Course work (Annual)	Credit: 50
				Total for M. Sc. (I Year + II Year):	Credit: 100

SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY, NANDED



SYLLABUS

Bachelor of Library and Information Science

Choice Based Credit System (CBCS) Semester Pattern

With Effect from: July, 2019

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED
Choice Based Credit System (CBCS) Course Structure
B. Lib. & Inf. Sci. (UG) Program Faculty – Interdisciplinary Studies
Subject – Library and Information Science
With effect from: July, 2019

Semester I

Semester	Paper No.	Title of the Paper	Scheme of Teaching (Periods/Week)			Scheme of Evaluation				Credits
			Lectures/Week	Practical	Total No. of Lect.	Theory/practical (ESE)	Internal (CA)	Practical / Viva-Voce	Total Marks	
I	I	Foundations of Library and Information Science	04	---	60	80	20	---	100	04
I	II	Knowledge Organization: Classification Theory	04	---	60	80	20	---	100	04
I	III	ICT Application in Library & Information centers	04	---	60	80	20	---	100	04
I	IV	Knowledge Organization: Classification – Practice	---	Per batch 4 hrs (2batch x4 hrs=8 hrs)	120	---	10	40	50	02
I	V	ICT Application in Library & Information centers: Practice	---	Per batch 4 hrs (2batch x4 hrs=8 hrs)	120	---	---	50	50	02
Semester - I Total			12	4 hrs per batch	420	240	70	90	400	16
Semester II										
II	VI	Library management	04	---	60	80	20	---	100	04
II	VII	Knowledge Organization: Cataloguing Theory	04	---	60	80	20	---	100	04
II	VIII	Information Sources & Services	04	---	60	80	20	---	100	04
II	IX	Knowledge Organization: Cataloguing- Practice	---	Per batch 4 hrs (2batch x4 hrs=8 hrs)	120	---	10	40	50	02
II	X	Information Sources & Service: Practice	---	Per batch 4 hrs (2batch x4 hrs=8 hrs)	120	---	---	50	50	02
Semester - II Total			12	4 hrs per batch	420	240	70	90	400	16
I Sem & II Sem Total			24	4 hrs per batch	840	480	140	180	800	32

ESE (End Semester Examination) CA (Continue Assessment)

Bachelor of Library and Information Science

SEMESTER – II

BLIB –Paper - x

Information Sources and Services: Practical

Subject for project: -

- **News paper clipping or Bibliography (Subject Specific)** 10 Marks
- **Reference sources Practical record**
 - Evaluation of information sources 10 Marks
 - Searching information for the query 10 Marks
- **Viva voce based on the information sources** 20 Marks

**Swami Ramanand Teerth Marathwada
University, Nanded
(NAAC Re-accredited with 'B++' Grade)**



**Journalism and Mass Communication
Bachelor of Journalism (BJ) Yearly pattern
SYLLABUS**

(Choice Based Credit System syllabus to be implemented from Academic Year 2021-2022)

Journalism and Mass Communication
Bachelor of Journalism (BJ) Yearly pattern
 (Theory 700 + Practical 300 =1000)

Sr.No.		Course code	Title	Max. Marks		Credits
				Practical	Theory	
1	Core Course	CC-BJ-1	Development of Journalism	--	100	4
2		CC-BJ-2	Print Media in India	--	100	4
3		CC-BJ-3	Introduction to Multimedia	--	100	4
4		CC-BJ-4	Basics of Radio and Television Production	--	100	4
5		CC-BJ-5	Advertising and Public Relations	--	100	4
6		CC-BJ-6	Traditional Folk Media and Alternative Media	--	100	4
7	Ability/Skill Enhancement Course (Choose any one)	SEC-BJ-7(A)	Media Management	--	100	4
8		SEC-BJ-7(B)	OPEN ELECTIVE from SWAYAM/ MOOCS/ NPTEL/ Skill oriented courses	--	100	4
9	Practical			300	--	12
	Total Credits					40

Practical 300 Marks

1. Media Survey & Report Writing - 100
2. Designing and Page Making(four pages) -100
3. Clipping file on various issues of the news papers.-100

**SWAMI RAMANAND TEERTH MARATHWADA
UNIVERSITY, NANDED**



STRUCTURE AND SYLLABUS

For award of degree of
MASTER OF ARTS
(Education)

Introduced from Academic year 2021 onwards for all affiliated
colleges and Subject to revise from time to time

2021-22

Introduction:

Swami Ramanand Teerth Marathwada University, Nanded is introducing a new post graduate course Master of Arts (Education) in the Faculty of Education from academic year 2009. This course is equivalent to M.Ed. program that already being run in the jurisdiction. M. A. Education will have good prospectus in teacher Education institutions and other Educational organizations. Course structure and syllabus for this is formed with following objectives.

The General Objectives of M.A.(Education) Course are as

1. To prepare professional personnel required for staffing of the Colleges of Education.
2. To prepare administrators and supervisors for schools and for positions of responsibilities in the Education Department at Institutions engaged in Educational Research and Educational planning.
3. To prepare personnel for various educational services.
4. To enable to understand, analyze, evaluate Philosophical, Social, Economic, Cultural, Psychological concern of Education.

Duration of the Course

The course for the Master of Arts (M.A.-Education) Regular, semester Pattern shall be of two academic year having four semesters. The Terms and vacations of the course shall be as prescribed by the University from time to time.

Eligibility for Admissions:

- a. A candidate, who has passed the B.Ed., B. A. with Education Examination of this University or any other University recognized as equivalent there to shall be eligible for admission to the course, provided he/she has secured at least 50% of the marks in the theory part. In the case of SC/ST students this percentage of marks shall be at least 45%.
- b. Provisional admission of candidates shall be given based on the criteria and the guidelines issued by the university in this respect from time to time.
- c. The reservations will be given as per the policy and guidelines prescribed by University and government, subject to revision by the university from time to time.

Medium:

a. Medium of Instruction: -

The medium of instruction for this course will be Marathi or English. Concerned department can make arrangement and is permitted to do so by the University.

b. Medium of Dissertation: -

The students, with preceding permission, have option of medium for the submission of the dissertation as - Marathi or English irrespective of the medium of Instruction, but not different from the medium of the Examination.

c. Medium of Examination:

-The medium of the Examination shall be Marathi or English.

Attendance

- a. A candidate desiring to appear for the M.A. (Education) examination must attend the College recognized for this purpose.
- b. In each semester in each paper/practical/ activities/seminar a student should put-in at least a minimum 75% attendance, subject to the general provisions existing in the University for condonation of attendance, provided a student who falls short of the required minimum of attendance in the first or second semester shall make good the same in the next year I semester and II semester term as the case may be.
- c. Student shall attend the lectures and undertake activities (Components under each Head) of the course in each semester as prescribed by the University.
- d. In case a student remains absent for a particular component he/she will have to make good the same in subsequent year.

Course Structure:

Semester I:

Course code	Title	MSE		ESE		Total	
		Credits	marks	Credits	marks	Credits	marks
EDUCC-101	Philosophical Foundations of Education	2	50	2	50	4	100
EDUCC-102	Psychological Foundation of Education	2	50	2	50	4	100
EDUCC-103	Elementary Level School Education	2	50	2	50	4	100
EDUEC-104	Inclusive Education /Education Technology	2	50	2	50	4	100

Semester II

Course code	Title	MSE		ESE		Total	
		Credits	marks	Credits	marks	Credits	marks
EDUCC-201	Sociological Foundations of Education	2	50	2	50	4	100
EDUCC-202	Methodology in Educational Research	2	50	2	50	4	100
EDUCC-203	Teacher Education	2	50	2	50	4	100
EDUEC-204	Senior and Senior Secondary School Education/ Women's' Education	2	50	2	50	4	100

Semester III

Course code	Title	MSE		ESE		Total	
		Credits	marks	Credits	marks	Credits	marks
EDUCC-301	Educational Studies	2	50	2	50	4	100
EDUCC-302	Educational Management and Administration	2	50	2	50	4	100
EDUEC-303	Educational Evaluation / Yoga and Health Education / SWAYAM -NPTEL or courses recognized by the university	2	50	2	50	4	100
EDUSEC-304	Practicum & Field study	2	50	2	50	4	100

EDUSEC304	Practical & Field Study	MSE	ESE*
1	Practice teaching observation (minimum 5 lessons)	10	10
2	Extension/ Community work related to Health, nutrition, cleanliness, literacy and other educational Issues	05	05
3	Internship at Teacher Education Institutions (02 weeks)	15	15
4	Seminar on Comprehensive issues	10	10
5	Paper presentation at state/ National level (minimum 1)	10	10
	Total (*University will appoint external examiner for viva voce)	50	50

Semester IV

Course code	Title	MSE		ESE		Total	
		Credits	marks	Credits	marks	Credits	marks
EDUCC-401	Curriculum Studies	2	50	2	50	4	100
EDUEC-402	Historical Development of Education in India	2	50	2	50	4	100
EDUSEC-403	ICT in Education/ Economics of Education/ SWAYAM -NPTEL or courses recognized by the university	2	50	2	50	4	100
EDUSEC-404	Dissertation and Viva Voce	2	50	2	50	4	100

Grand Total: Semester I (16 Credits) 400 + Semester II (16 Credits) 400 + Semester III (16 Credits) 400 + Semester IV (16 Credits) 400 = **1600 (64 credits)**