

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY**CIRCULAR NO. SU/Service Course/30/2016**

It is hereby inform to all concerned that, the Choice Based Credit and Grading System have been implemented to the affiliated colleges from the academic year 2015-16 at Post Graduate level for the all Faculties. According to the guidelines of C.B.C. & G.S. it is essential to teach the Service Course to students. The authorities of the university has decided that the service courses run at University Campus and Sub-Center, Osmanabad be apply to the college level. The concerns are inform that to instruct to the students to Choice any one Service Course as per their willingness. Where only one post graduate course they can take the service course of the concerned subject. The syllabi of the service courses are uploaded with the circular on the University website www.bamu.ac.in


The service courses be teach to the students with the **syllabus of IVth-Semester for this year only and hereafter** to tech with the syllabus of III-Semester as per their relevant courses.

This is effective from the academic year 2016-17.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO. SU/SERVICE COURSE /
SYLLA./2016/5117-516
Date:- 02-09-2016.

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Director,
Board of College and
University Development.

Copy forwarded with compliments to:-

**1] The Principals of concerned Colleges,
Dr. Babasaheb Ambedkar Marathwada University.**

Copy to :-

- 1] The Controller of Examinations,
 - 6] The Section Officer, [M.A. Unit],
 - 7] The Section Officer, [M.Sc. Unit],
 - 8] The Section Officer, [M.Com. Unit],
 - 9] The Section Officer, [Management Unit],
 - 10] The Section Officer, [Professional Unit],
 - 11] The Section Officer, [Engineering Unit],
 - 3] The Programmer [Computer Unit-1] Examinations,
 - 4] The Programmer [Computer Unit-2] Examinations,
 - 5] The Public Relation Officer,
 - 6] The Co-ordinator, E-Suvidha Kendra, [Rajarshi Shahu Maharaj Pariksha Bhavan,
 - 7] The Record Keeper.
- Dr. Babasaheb Ambedkar Marathwada University,

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**GOVERNMENT INSTITUTE OF FORENSIC SCIENCE,
AURANGABAD**

(DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD)

**STRUCTURE AND CURRICULAM
FOR**

Service Course

**As the part of M.Sc. curriculum
(Choice Based Credit System)**

Effective from the Academic Year

2016-17

Structure and Curriculum for Service Course

Preamble:-

As per the University regulation, a service course is designed by the Govt. Institute of Forensic Science. The aim of the course is to create awareness regarding the Criminal Justice System, crime trends, criminology and Forensic Science in India. The course is designed in general to benefits for the students who are interested in Public Service Commission Examination to choose their career pathway. The course is also beneficial for the law graduate, who can utilize the knowledge gained by this course in the criminal trial.

Eligibility:- Students pursuing masters degree in arts, science, commerce and law.

Intake Capacity: - The course will run only with a minimum intake of 10. The maximum strength for the course is 20.

Other Criteria will be the same as per the guidelines of the university.

Paper No.	Code	Title	Marks	Credits
XXXIX	SCF-301	Criminalistics	100	4

Unit-I Introduction and History of Forensic Science

Introduction and scope of Forensic Science and Criminalistics, Scientific Evidence and its importance, Frye and Daubert's Criteria, laws and principles of Forensic Science.

Ancient purview of forensic science: Egyptian, Mesopotamian and Chinese

Forensic Science in Medieval world: Contribution of Sir Arthur Canon Doyle (Sherlock Holmes), M. J. B. Orfila, A. Bertillion, Francis Galton, Hans Gross, Edward Richard Henry, Leone Lattes, Karl Landsteiner, Calvin Goddard, Edmond Locard, Albert Osborn, Edgar Hoover, and Paul Kirk.

Unit-II Crime and Criminology

Introduction to Crime and Criminology, types of crime. Scope of Criminology: Cause of crime, Process of law making, punishment for law breaking.

Criminology as a part of Sociology, History: Demonic Perspective (Satanism, Temptation, Possession, exorcism), Classical Schools (Free will approach, Consequences, innocent and guilty, codified law, fair punishment), Neo-Classical Schools (Mental illness, responsibility of crime, motives, Relationship), Positivism, Social Criminology.

Unit-III Criminal Justice System in India

Criminal Justice System: Criminal justice system in India, role and components of Criminal Justice System, Law enforcement agencies and their functions.

Indian Judiciary System: Introduction to Indian Judiciary System, their structure and functions.

History of Forensic Science in India, establishment of Laboratories: Chemical Examiners, Anthropometric Bureau, Fingerprint Bureau, Department of Explosives, Serologist, CID, CDTS,

Organization and Role of Forensic Science Laboratories: CFSL, SFSL and other specialized laboratories including DRDO, NDTL, CCMB, BARC and CFPB.

Unit-IV Forensic Science in Criminal Investigation:

Roles of Different Branches of Forensic Science: Forensic Biology (Serology, DNA, entomology), Forensic Chemistry and Toxicology, Forensic Medicine, Anthropology (Osteology, Odontology, Anthropometry), Forensic Physics, Ballistics, Photography, Fingerprints, Questioned Documents, Psychology, Digital and Multimedia Forensics.

Ethics in Forensic Science and professional standards.

Suggested Readings:

1. Criminalistics: An Introduction to Forensic Science By Richard Saferstien
2. Forensic Science in Crime Investigation By B. S. Nabar
3. Criminalistics: Forensic Science and Crime By James Girad
4. Ethics in Forensic Science: Professional Standards for the Practice of Criminalistics By Peter D. Barnett
5. Forensic Science in Criminal Investigation and Trials By B. R. Sharma
6. Fundamentals of Forensic Science By Max. M. Houck and J. A. Siegel
7. Forensic Science: An Introduction to Scientific and Investigative Techniques By Stuart H. James
8. Crime and Criminology By Rob White and Fiona Haines
9. Student Handbook of Criminal Justice and Criminology By John Muncie and David Wilson
10. Crime and Justice in India By N. Prabha Unnithan
