

S-01 & 02 June, 2016 AC after Circulars from Circular No.100 & onwards+ - 39 -  
**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](http://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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**DR. BABASAHEB AMBEDKAR  
MARATHWADA UNIVERSITY,  
AURANGABAD.**



**M. A. Geography**

**Service Course**

*[ Effective from 2016-17 & onwards ]*

M. A. Geography

Geographical Study of Natural Disasters (Service Course)

Subject Ref No: GEO 441

No. of Credits : 04

No. of Periods per Week : 04

Assignment/Sessionals : 20

Semester Exam : 80

**Unit I :** Meaning of disaster, calamity, Hazards, Major characteristics of disasters. Physical and cultural disasters. Major regions of the world of such disasters and loss of life and property.

12 periods are required and 15 Marks for this unit.

**Unit II :** Epeirogenic, Orogenic and cymatogenic earth movements. Volcanic earthquake and Tsunami hazards due to rapid earth movement. Main types, regions and ill effects of these calamities.

12 periods are required and 15 Marks are allotted for this unit.

**Unit III :** Cyclonic hazards-cyclone, Hurricanes Tornado, Typhoons, causes for the formation of cyclones. Regions of the cyclones. Precautions before the arrival of cyclones. Effect of cyclonic hazards. Thunder storm, lightning, hail storms and cloud burst calamities.

Required of periods are 08 and 15 Marks.

**Unit IV :** Flood disaster: Reasons and types of flood disasters. Wet draught areas. Consequences of floods. Major rivers of heavy floods, measures of flood controls.

08 periods are necessary and 15 marks for this unit.

**Unit V :** Disaster Management : Disaster warning system, Rehabilitations, Prevention, Social Response measures for disasters.

20 periods shall be required and 20 marks are allotted for this unit.