

S-01 & 02 June, 2016 AC after Circulars from Circular No.100 & onwards - 8 -  
**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY**

**CIRCULAR NO. SU/ Sci./1/2016**

It is hereby inform to all concerned that, on the recommendation of the Ad-hoc Board, the Academic Council at its meeting held on 01 & 02 June, 2016 has accepted the syllabi of  
**1) B.VOC. (Jewellery Design & Gemology) Semester-I,II,III & IV with minor changes and syllabus of V & VI Semester and**  
**2) B.VOC. (Multimedia & Animation) Semester-I,II,III & IV with minor changes and syllabus of V & VI Semester.**

This is effective from the **Academic Year 2016-2017** and onwards.

These Syllabi are also available **on the University Website** **[www.bamu.ac.in](http://www.bamu.ac.in)**

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/2016/3100-106  
**A.C.S.A.I.No.449[38]**

Date:- 16-06-2016.

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**Director,**  
**Board of College and**  
**University Development.**

**Copy forwarded with compliments to :-**

**1] The Principal, Deogiri College, Aurangabad.**

**Copy to :-**

- 1] The Controller of Examinations,
- 2] The Section Officer, [BCS Unit],**
- 3] The Programmer [Computer Unit-1] Examinations,
- 4] The Programmer [Computer Unit-2] Examinations,
- 5] The In-Charge, E-Suvidha Kendra, [Professional Unit], Rajarshi Shahu Maharaj Pariksha Bhavan, Dr. Babasaheb Ambedkar Marathwada University,
- 6] The Record Keeper,  
Dr. Babasaheb Ambedkar Marathwada University.

**Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad.**

**SYLLABUS OF**

**B.Voc. First Year  
(Jewellery Design & Gemology)  
Semester I & II**

**(Effective From 2016-17)**

<b>Semester – I</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	Paper Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 101	Linguistic Proficiency- I(English & Marathi) with Language lab training	4	4	50	4	50
2	VOC 102	Computer Fundamentals- I (Information Technology): Theory	4	4	50	4	50
3	VOC 103	Computer Fundamentals- I (Information Technology): Laboratory Coursework	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 104	Introduction to Gemology & Introduction to Jewellery Design	2	2	50	2	50
6	GEM 105	Mineralogy & Crystallography	2	2	50	2	50
7	GEM 106	Optical Properties and Instruments	2	2	50	2	50
8	GEM 107	Basic Jewellery Designing(1-11)	2	2	50	2	50
9	GEM 108	Basic Jewellery Designing(12-14)	2	2	50	2	50
10	GEM 109	Project I	2	2	50	2	100
11	GEM 110	Practical Based on Theory	4	4	100	4	100
12	GEM 111	Practical Based on Theory	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>750</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

<b>Semester – II</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	GEM Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 201	Linguistic Proficiency – II (English & Hindi) with language lab training	4	4	50	4	50
2	VOC 202	Computer Fundamentals – II (Basic Computer Hardware System) : Theory	4	4	50	4	50
3	VOC 203	Computer Fundamentals – II (Basic Computer Hardware System) : Laboratory Coursework	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 204	Basic of Geology & Jewellery Designing	2	2	50	2	50
6	GEM 205	Gemstone & Inclusions	2	2	50	2	50
7	GEM 206	Computer Fundamental & Use of Jewel Cad	2	2	50	2	50
8	GEM 207	Introduction To Goldsmithing And Metallurgy	2	2	50	2	50
9	GEM 208	Casting(a-s)	2	2	50	2	50
10	GEM 209	Project II	2	2	50	2	100
11	GEM 210	Practical Based on Paper-III	4	4	100	4	100
12	GEM 211	Practical based on Paper-IV	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>700</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

**Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad.**

**SYLLABUS OF**

**B.Voc. Second Year  
(Jewellery Design & Gemology)  
Semester III & IV**

**(Effective From 2016-17)**

<b>Semester – III</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	Paper Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 301	Linguistic Proficiency- III	4	4	50	4	50
2	VOC 302	Business Software Tools-I	4	4	50	4	50
3	VOC 303	Statistical Tools (Probability and Instrumentation)	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 304	Advanced Gemology	2	2	50	2	50
6	GEM 305	Synthesis Gemstone	2	2	50	2	50
7	GEM 306	Treatments on Gemstones	2	2	50	2	50
8	GEM 307	Techniques of Jewellery Making	2	2	50	2	50
9	GEM 308	Introduction to Design on Computer	2	2	50	2	50
10	GEM 309	Project III	2	2	50	2	100
11	GEM 310	Practical Based on Theory	4	4	100	4	100
12	GEM 311	Practical Based on Theory	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>750</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

<b>Semester – IV</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	GEM Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 401	Industrial Ethics and Safety management (for Industrial Automation and Automobile) / Ethical, Legal and Regulatory Aspects of tourism (for travel & tourism)	4	4	50	4	50
2	VOC 402	Business Software Tools- II	4	4	50	4	50
3	VOC 403	Fundamentals of Business and Accounting	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 404	Occurrence of Diamond And Their Types	2	2	50	2	50
6	GEM 405	Cutting And Manufacturing of Diamond & Organic Gem Material	2	2	50	2	50
7	GEM 406	Designing and Materials Used in Jewellery	2	2	50	2	50
8	GEM 407	Jewellery History and Culture in India	2	2	50	2	50
9	GEM 408	Detail Designing on Computer	2	2	50	2	50
10	GEM 409	Project IV	2	2	50	2	100
11	GEM 410	Practical Based on Theory	4	4	100	4	100
12	GEM 411	Practical Based on Theory	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>700</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

**Dr. Babasaheb Ambedkar Marathwada  
University, Aurangabad.**

**SYLLABUS OF**

**B.Voc. Third Year  
(Jewellery Design & Gemology)  
Semester V & VI**

**(Effective From 2016-17)**



<b>Semester – V</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	Paper Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 501	Marketing & Sales	4	4	50	4	50
2	VOC 502	Business Communication	4	4	50	4	50
3	VOC 503	Product Costing	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 504	Advanced Metallurgy	2	2	50	2	50
6	GEM 505	Advanced Gemology- II	2	2	50	2	50
7	GEM 506	Advanced Jewellery Design- I	2	2	50	2	50
8	GEM 507	Techniques of Jewellery Making I	2	2	50	2	50
9	GEM 508	Techniques of Jewellery Making II	2	2	50	2	50
10	GEM 509	Project V	2	2	50	2	100
11	GEM 510	Practical Based on Theory	4	4	100	4	100
12	GEM 511	Practical Based on Theory	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>750</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

<b>Semester – VI</b>							
<b>General Education Components</b>							
Sr. No.	GEM No.	GEM Title	No. of Credits	Scheme of Teaching	Scheme of Evaluation		
1	VOC 601	Human Resource Management	4	4	50	4	50
2	VOC 602	Entrepreneurship Development	4	4	50	4	50
3	VOC 603	Workshop Management	4	4	50	4	50
<b>Skill Development Components-</b>							
5	GEM 604	Introduction of Diamond & Diamond Grading-I	2	2	50	2	50
6	GEM 605	Polishing & Cutting of Gemstones	2	2	50	2	50
7	GEM 606	Study of International Jewellery design	2	2	50	2	50
8	GEM 607	Creative Jewellery Making-I	2	2	50	2	50
9	GEM 608	Hall marking & Gem Certification-I	2	2	50	2	50
10	GEM 609	Project VI	2	2	50	2	100
11	GEM 610	Practical Based on Theory	4	4	100	4	100
12	GEM 611	Practical Based on Theory	4	4	100	4	100
<b>Total</b>			<b>32</b>	<b>32</b>			<b>700</b>
Total Credits = General Education Components + Skill Development Components (A/B/C)						<b>12+20=32</b>	

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