

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
CHHATRAPATI SAMBHAJINAGAR.**



**Circular / Syll. Sec./AEDP/ Uni.Cam. & Sub-Cam/Curriculum/ 2026.**

It is hereby inform to all concerned that, as per direction by the Government; **the Academic Council & Management Council at it's Meeting held on 02<sup>ed</sup> June, 2026 & 06<sup>th</sup> June, 2026 has accepted the "Following Subject wise Curriculum of AEDP programme as per Guidelines of NEP & University Norms"** to be implemented in the university main and sub-campus.

| Sr. No. | Name of the UG Curriculum                                                  | Intake Capacity |
|---------|----------------------------------------------------------------------------|-----------------|
| 01.     | B.Sc. Geoinformatics (Honors)                                              | 40              |
| 02.     | B.Sc. (Honours) in Chemistry & B.Sc. (Honours with Ressearch) in Chemistry | 30              |
| 03.     | B.Sc. Statistics with Data Analytics                                       | 30              |
| 04.     | B.Sc. Printing & Packaging Technology (Honours)                            | 20              |
| 05.     | BBA-Agro Business Managment                                                | 30              |

**This is effective from the Academic Year 2026-27 and onwards as per appended herewith.**

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,  
Chhatrapati Sambhajinagar-431 004.  
Ref. No. SU/ AEDP/ Uni.Cam. &  
Sub-Cam/Curriculum/ 2026/135-43

**Deputy Registrar  
Syllabus Section**

Date: 06/ 07/ 2026.

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**Copy forwarded with necessary action to:-**

- 1] **The Head, Department of Geography/ Chemistry/ Statistics/ Printing & Packaging Technology/ Management-(Sub Campus),**
- 2] **The Director, University Network & Information Centre, UNIC, with a request to upload this Circular on University Website.**
- 3] **The Director, Board of Examinations & Evaluation,**
- 4] **Public Relation Officer [PRO],**

Dr. Babasaheb Ambedkar Marathwada University,  
Chhatrapati Sambhajinagar.

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## **Faculty of Science & Technology**

**REGULATIONS SPECIFIC TO**

### **B. Sc. Printing & Packaging Technology (Honours)**

**Apprenticeship Embedded Degree Programme (AEDP)**

**Applicable to University Department of Printing Technology & Graphic Arts**



**Dr. Babasaheb Ambedkar Marathwada University,  
Chhatrapati Sambhajinagar**

**As per UGC's AEDP Guidelines, Maharashtra Govt GR and  
NEP 2020**

**(With Effect from Academic Year 2026-27)**

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**B. Sc. Printing & Packaging Technology (Honours)-Apprenticeship Embedded  
Degree Programme (AEDP)**

**Preamble**

The printing sector is evolving rapidly from traditional book and newspaper publishing to high-tech digital publishing, 3D printing, and flexible packaging and smart Packaging in India and globally also. Graduates frequently secure roles as Production Managers, Quality Control Analysts, Pre-press Specialists, and Packaging Technologists. There is huge demand from the printing and packaging in India for the skilled manpower. The Production houses need qualified, skilled and ready to work workforce at their production sites. In line with this technological evolution and the National Education Policy (NEP) 2020's vision of holistic, multidisciplinary, and employability-oriented education, the Printing Technology & Graphic Arts, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar, has designed and launched B. Sc. Printing & Packaging Technology (Honours) programme from the academic year 2025-26. This pioneering undergraduate programme integrates theoretical foundations with real-world apprenticeship training, fostering industry-academia collaboration and preparing graduates for direct employment and innovation-led roles. Developed as per the University Grants Commission (UGC)'s AEDP Guidelines and the Government of Maharashtra's GR dated 22nd April 2025, the curriculum emphasizes:

Multiple entry and exit options with certifications at the UG Certificate, Diploma, Degree, and Honours levels (44, 88, 132, and 176 credits respectively).

A unique credit-based apprenticeship model, where students gain 50+ credits through On-Job Training (OJT) from Sem IV onwards.

A blend of academic excellence and experiential learning through core disciplinary courses, skill-based electives, Indian Knowledge System, value-based education, research projects, and community engagement.

Active engagement with local and national industries to ensure apprenticeships aligned with sectorial demands, with preference given to organizations in Chhatrapati Sambhajinagar and Marathwada region. The curriculum framework and implementation plan were meticulously crafted by the Department in consultation with industry

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stakeholders and academic experts, ensuring alignment with the National Skills Qualifications Framework (NSQF) and the National Higher Education Qualifications Framework (NHEQF).

With this forward-looking programme, the Department envisions creating graduates who are not only academically proficient but also agile professionals ready to thrive in the dynamic digital economy.

▪ **Programme Objectives**

- To bridge the gap between industry expectations and academic learning.
- To enhance employability through real-world experience.
- To promote entrepreneurial thinking and technological innovation.
- To offer multi-exit options with flexibility for re-entry as per NEP norms.

▪ **Rules and Regulations**

**1. Eligibility and Selection Criteria -**

Minimum eligibility is XII<sup>th</sup> Science or Equivalent/ 3 years Diploma in Printing Technology/Advanced Diploma in Printing Technology with 1.5 years

**2. Fees : As per University Rules**

**3. Intake : 20 Seats**

**4. Duration-**

Duration of the only B. Sc. Printing & Packaging Technology shall be 3 years/ 6 semesters (132 Credits)

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B. Sc. Printing & Packaging Technology (Honours) shall be 4 years/ 8 semesters (176 Credits)

**5. Admission/Promotion Criteria-**

If candidate gets selected for B. Sc. Printing & Packaging Technology (Honours) course, he/she have to apply on the application form of the University provided with the prospectus. Once the candidate is admitted to the course, he/she will be promoted to next semester with full carryon; subject to the registration of candidate in every consecutive semester. Dropout candidate will be allowed to register for respective semester in which he/she has failed, subject to the condition that his/her tenure should not exceed more than twice the duration of the said programme from the date of first registration at institute.

**Grievance Redressal Scheme:** University will provide the separate guidelines for Grievance Redressal Scheme.

## **6. Programme Structure and Credit Distribution**

| <b>Award Level</b> | <b>Minimum Credits</b> | <b>NSQF Level</b> | <b>Duration</b> |
|--------------------|------------------------|-------------------|-----------------|
| UG Certificate     | 44                     | Level 5           | After 1st Year  |
| UG Diploma         | 88                     | Level 6           | After 2nd Year  |
| UG Degree          | 132                    | Level 7           | After 3rd Year  |
| UG Honours Degree  | 176 (including OJT)    | Level 8           | 4 Years (Full)  |

## **7. Tripartite Agreement for Apprenticeship/ Internship/ OJT (Mandatory)**

A formal agreement for Apprenticeship/ Internship/ OJT will be signed between:

- University Department
- Industry/Company/Startup
- Student (Apprentice)

This outlines the duties, training period, stipend (if applicable), and evaluation criteria.

## **8. Evaluation Scheme for Apprenticeship/ Internship/ OJT**

30–40%: Industry supervisor

30–40%: Faculty mentor (site visits, logs) 20–

40%: Project Report, Seminar, Viva

Grading based on CBCS with CGPA, as per university norms.

## **9. Attendance and Promotion Criteria**

- Minimum 75% attendance per course.
- Separate passing in Internal and External exams is mandatory (minimum 40%).  
Students will be promoted to the next semester with full carry-on.
- Maximum programme duration: 8 years.

## **10. Roles and Responsibilities**

### **a. Department/University**

Develop curriculum with NSQF/NHEQF alignment.

Maintain MoUs and track industry partnerships.

Assign faculty mentors and evaluate OJT performance.

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**b. Industry Partner**

- Provide structured on-site training.
- Ensure compliance with Apprenticeship Act.
- Maintain performance records and assist in evaluations.

**c. Student (Apprentice)**

- Follow ethical, professional conduct.
- Submit weekly logs, final reports, attend reviews.
- Register on NATS/BOAT where applicable.

**11. Stipend and Registration**

- Stipend to be paid directly by the establishment or through NATS/BOAT portal.
- All apprenticeships to be formally registered on applicable government platforms.

**12. Monitoring and Grievance Redressal**

- AEDP Director/Coordinator to maintain an online dashboard.
- Submit semester-wise progress reports.
- A grievance redressal mechanism will be established for students.

**13. Exit and Re-entry Options**

- Students can exit and re-enter the programme at defined stages.
- Upon exit, they will receive a formal certification (UG Certificate/Diploma/etc.).
- Re-entry possible within maximum tenure (8 years) based on ABC credits.

**14. Grade Card**

The university under its seal shall issue to the students a grade card on completion of each semester. Grade card shall contain the following:

- Title of the courses along with code taken by the student.
- The credits associated with and grades awarded for each course.  
The number of grade and grade point secured by the student.
- The total credits earned by the student in that semester.  
The SGPA of the student.
- The total credits earned by the student till that semester.

**15. Cumulative Grade Card**

The grade card issued on completion of the programme shall contain the name of the programme, the department /school offered the programme, the titles of the courses taken,

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the credits associated with each course, grades awarded, the total credits earned by the student, the CGPA and the class in which the student is placed.

**16. General Clause**

It may be noted that beside the above specified rules and regulations all the other rules and regulations in force and applicable to semester system in Post-Graduate courses in Dr. Babasaheb Ambedkar Marathwada University will be applicable as amended from time to time by the University. The students shall abide by all such Rules and Regulations.

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**Semester I**

| Sr. No. | Course Title                | First Semester |             |              | Total Credits | Total Lectures<br>(Teaching/<br>Lectures/<br>Week) | Scheme of Examination |            |            |            |
|---------|-----------------------------|----------------|-------------|--------------|---------------|----------------------------------------------------|-----------------------|------------|------------|------------|
|         |                             | Course Code    | Course Type | Credits      |               |                                                    | Max Marks             | UA         | IA         | Min Marks  |
| 1       | Printing Process-T          | BPPT-101T      | DSC-1       | 2            | 12            | 2                                                  | 50                    | 30         | 20         | 20         |
|         | Printing Process-P          | BPPT-101P      |             | 2            |               | 4                                                  | 50                    | 30         | 20         | 20         |
| 2       | Typography-T                | BPPT-102T      | DSC-2       | 2            |               | 2                                                  | 50                    | 30         | 20         | 20         |
|         | Typography-P                | BPPT-102P      |             | 2            |               | 4                                                  | 50                    | 30         | 20         | 20         |
| 3       | Fundamentals of Design-T    | BPPT-103T      | DSC-3       | 2            |               | 2                                                  | 50                    | 30         | 20         | 20         |
|         | Fundamentals of Design-P    | BPPT-103P      |             | 2            |               | 4                                                  | 50                    | 30         | 20         | 20         |
| 4       | GE/OE -1                    | BPPT-104T      | GE/OE-1     | 2            | 2             | 2                                                  | 50                    | 30         | 20         | 20         |
| 5       | Fundamentals of Packaging-P | BPPT-105P      | DSC-4       | 2            | 2             | 4                                                  | 50                    | --         | 50         | 20         |
| 6       | Communication Skills        | BPPT-106T      | AEC         | 2            | 6             | 2                                                  | 50                    | 30         | 20         | 20         |
| 7       | Computer Basics             | BPPT-107T      | MDC         | 2            |               | 2                                                  | 50                    | 30         | 20         | 20         |
| 8       | Constitution of India       | BPPT-108T      | VAC         | 2            |               | 2                                                  | 50                    | --         | 50         | 20         |
|         |                             |                |             | <b>Total</b> | <b>22</b>     |                                                    | <b>550</b>            | <b>270</b> | <b>280</b> | <b>220</b> |



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Semester II

| Sr. No. | Course Type                      | Second Semester |             |              | Total Credits | Total Lectures (Teaching / Lectures / Week) | Scheme of Examination |            |            |            |
|---------|----------------------------------|-----------------|-------------|--------------|---------------|---------------------------------------------|-----------------------|------------|------------|------------|
|         |                                  | Course Code     | Course Type | Credits      |               |                                             | Max Marks             | UA         | IA         | Min Marks  |
| 1       | Food Packaging-T                 | BPPT201T        | DSC-4       | 2            | 12            | 2                                           | 50                    | 30         | 20         | 20         |
|         | Food Packaging-P                 | BPPT201P        |             | 2            |               | 4                                           | 50                    | 30         | 20         | 20         |
| 2       | Printing & Packaging Materials-T | BPPT202T        | DSC-5       | 2            |               | 2                                           | 50                    | 30         | 20         | 20         |
|         | Printing & Packaging Materials-P | BPPT202P        |             | 2            |               | 4                                           | 50                    | 30         | 20         | 20         |
| 3       | Graphic Design-T                 | BPPT203T        | DSC-6       | 2            |               | 2                                           | 50                    | 30         | 20         | 20         |
|         | Graphic Design-P                 | BPPT203P        |             | 2            |               | 4                                           | 50                    | 30         | 20         | 20         |
| 4       | GE/OE -2                         | BPPT204T        | GE/OE-2     | 2            | 2             | 2                                           | 50                    | 30         | 20         | 20         |
| 5       | Proof Reading                    | BPPT205T        | VSC-1       | 2            | 2             | 2                                           | 50                    | -          | 50         | 20         |
| 6       | Laboratory Safety                | BPPT206T        | AEC-2       | 2            | 6             | 2                                           | 50                    | 30         | 20         | 20         |
| 7       | Personality Development          | BPPT207T        | MDC-2       | 2            |               | 2                                           | 50                    | 30         | 20         | 20         |
| 8       | Yoga                             | BPPT208T        | VAC-2       | 2            |               | 2                                           | 50                    | -          | 50         | 20         |
|         |                                  |                 |             | <b>Total</b> | <b>22</b>     |                                             | <b>550</b>            | <b>270</b> | <b>280</b> | <b>220</b> |