



PROCEEDINGS OF THE SECRETARY:: BOARD OF INTERMEDIATE EDUCATION
ANDHRA PRADESH :: Vijayawada

Present: Dr.Kritika Shukla , I.A.S

Rc.No.: ERTW/ESE51-14023/10/2025-26, 21-03-2025

Sub:-	BIEAP - ERTW - Implementation of Academic Reforms for Intermediate 1st year w.e.f AY 2025-26 - Reg.,
Ref:-	1. E-Office No. 1886275, ESE51-14023/10/2022 - ESEC-BIE of the ERTW, BIE, AP 2. 77th Board meeting held on 13-03-2025.

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The Board of Intermediate Education, Andhra Pradesh is implementing key academic reforms starting from the academic year 2025-26 as per the feedback and recommendations received from public, stakeholders, parents, students and academicians during 8th January to 26th January, 2025. These changes aim to enhance the quality of the education system and foster interdisciplinary learning to align the Intermediate Education system with national standards.

These reforms also focus on improving the overall academic experience by increasing flexibility in subject selection, reducing redundancy and rigid boundaries among various disciplines and introducing new strategies to prepare students not only for higher education of their choice, but also for various competitive examinations.

The following Academic Reforms will be implemented for Intermediate 1st Year w.e.f. Academic Year 2025-26:

1. Revision of syllabus which include: New textbooks for the first-year intermediate course (AY 2025-26)
2. Introduction of New Subject Combinations (elective and Additional subjects), integration of Mathematics-A and Mathematics-B into a single subject, Mathematics and integration of Botany and Zoology into a single subject, Biology.
3. Revised Marks Distribution among subjects.
4. Changes in the Question Paper design for the 1st year with effect from AY 2025-26.

Reform wise details are mentioned below:

1. Revision of syllabus: As per NCF 2023 "A syllabus should provide just enough content for a student to achieve the required learning outcomes, without overwhelming them. It must strike a balance between breadth and depth, enabling students to understand and engage with the material meaningfully, rather than simply memorizing information."

Need for Revision:

- The current syllabus for the two-year Intermediate courses has not undergone a revision over the past several years, with updates last made as follows:
 - **Sciences:** First year in 2012-13; Second year in 2013-14
 - **Arts Subjects:** First year in 2014-15; Second year in 2015-16
 - **Languages:** First year in 2018-19; Second year in 2019-20
- School Education Department has introduced NCERT Books at 10 th class in 2024- 25 so there is an imminent need to align with NCERT books pattern in Inter 1 st year from Academic Year 2025-26 to ensure seamless transition.
- To ensure alignment with the syllabus being followed for Competitive Examinations (JEE, NEET).

Syllabus for 1st Year Intermediate Course has been Revised as follows: A Subject Committee for 14 subjects was constituted by BIE on 1st October 2024, comprising University Professors, Degree College Lecturers, and Junior Lecturers. As per the subject Committee report, following changes in Syllabus have been agreed:

Science (Mathematics, Physics, Chemistry, Botany, Zoology):

1st Year: Revised textbooks as per NCERT from AY 2025-26

2nd Year: No change for AY 2025-26. Revised textbooks by AY 2026-27.

Arts & Humanities (Civics, Economics, History, Commerce):

1st Year: Revised textbooks as per BIE syllabus from AY 2025-26

2nd Year: No change for AY 2025-26. Revised textbooks by AY 2026-27.

Languages (English, Telugu, Hindi, Sanskrit, Urdu):

1st Year: New textbooks from AY 2025-26

2nd Year: No change for AY 2025-26. Revised textbooks by AY 2026-27

2. Introduction of New Subject Combinations: To increase flexibility in subject selection and encourage multidisciplinary learning, BIE received public feedback to introduce more options in 2 nd subject(elective) and also to introduce additional subject (as 6th optional) to enable students to take M.Bi.P.C course.

Need for Reform:

- BIE is right now offering 2 languages and 4 core subjects for science stream (Total: 6 subjects) and 3 core subjects for Humanities stream (Total: 5 subjects) which is not being accepted by few Universities as they are insisting for single language and 4 core subjects (Total of 5)
- There is demand for M.Bi.P.C course.
- There is demand from Humanities students to give them more options in terms of combinations which can be adopted.

The following Subject Combinations will be offered for Academic Year 2025-26:

- o **1st subject:** English will be a compulsory subject
- o **2nd subject:** Following Elective subjects are available:
 - a. Second Languages: Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French
 - b. Main Subjects: Mathematics, Physics, Chemistry, Biology, History, Economics, Commerce, Civics
 - c. Minor Subjects: Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu Students can choose any subject from above 24 options provided there is availability of specific subject faculty in their enrolled Junior College.
- o **3rd, 4th and 5th Subject:** Core Subjects (Combinations) The following combinations will be available under Part-III as core subjects for Intermediate 1st year w.e.f. AY 2025-26:
 - a. Mathematics, Physics and Chemistry (M.P.C)
 - b. Biology, Physics and Chemistry (Bi.P.C)
 - c. Mathematics, Economics and Commerce (M.E.C)
 - d. Commerce, Economics and Civics (C.E.C)
 - e. History, Economics and Civics (H.E.C)

Maths 1A and Maths 1B will be integrated as single subject: Mathematics and Botany and Zoology will be integrated as single subject: Biology

- o **6th subject: Introduction of Additional Subject for MPC and BiPC students:** To meet the public demand for introduction of M.Bi.P.C, it is decided to introduce the option of offering Mathematics and Biology as additional subjects from the ensuing academic year 2025-26 viz. Mathematics for Bi.P.C students and Biology for M.P.C students (for first year students only) i.e students of the Bi.P.C. Group can opt for Mathematics as an additional subject, while M.P.C. students can opt for Biology.

This initiative allows students greater career flexibility, enabling transitions between medical and engineering streams and enhancing prospects in interdisciplinary fields like Biotechnology and Bioinformatics etc. Hence, from the academic year 2025-26 students will be having two options for studying M.Bi.P.C as shown below:

i. By taking Mathematics or Biology as an additional or 6th subject:

- o The selected additional subject (Mathematics or Biology) should not be one of their group subjects or the Elective subject under Part-II.
- o A student must score at least 35% of the total marks in the additional subject to be declared passed, consistent with the criteria for other subjects.

ii. **By choosing Mathematics or Biology as their elective subject under Part-II, among other options.**

- The chosen elective subject (Mathematics or Biology) should not be one of their Group subjects (Part-III) or additional subject. It is totally optional for a student to take 6th Subject. Marks obtained in any additional subject will not be included in the total aggregate.

New revised subject details are appended as Annexure-I. These are applicable only to Intermediate 1st year w.e.f. AY 2025-26.

3. Revised marking system: A revised marking system will be implemented from Academic Year 2025-26 for first year Intermediate students, maintaining a total of 1000 marks for both years combined.

Need for Reform:

- Since Mathematics-A and Mathematics -B are merged into a single paper - Mathematics & Botany and Zoology are merged into Biology, the marks need to be adjusted to ensure a total of 200 (combining both 1st and 2nd year).
- Humanities students are requesting hybrid combinations, making it essential to maintain parity across all subjects.
- A revised marking system is also necessary to align with the new syllabus.
- The total maximum marks for both the first and second years, put together, for any of the groups, remain unchanged at 1000.

Combination wise and subject wise revised distribution of marks are shown below:

Combination 1- M.P.C:

Part	Subject	Allotted Marks			Total
		First Year (AY 2025-26)	Second Year (AY 2026-27)		
		Theory	Theory	Practical	
Part-I	English	100	100	-	200
Part-II	Elective Subject	100/85	100/85	-/30	200
Part-III	Mathematics	100	100	-	200
	Physics	85	85	30	200
	Chemistry	85	85	30	200
Total		470/455	470/455	60/90	1000
Additional Subject*	Biology	85	85	30	200

Combination 2–Bi.P.C:

Part	Subject	Allotted Marks			Total
		First Year (AY 2025-26)	Second Year (AY 2026-27)		
		Theory	Theory	Practical	
Part-I	English	100	100	-	200
Part-II	Elective Subject	100/85	100/85	-/30	200
Part-III	Biology	85	85	30	200
	Physics	85	85	30	200
	Chemistry	85	85	30	200
Total		455/440	455/440	90/120	1000
Additional Subject*	Mathematics	100	100	-	200

*As mentioned earlier, marks of Additional subject will not be added to the total marks. Taking additional subject is completely optional.

Combination 3 – M.E.C:

Part	Subject	Allotted Marks			Total
		First Year (AY 2025-26)	Second Year (AY 2026-27)		
		Theory	Theory	Practical	
Part-I	English	100	100	-	200
Part-II	Elective Subject	100/85	100/85	-/30	200
Part-III	Mathematics	100	100	-	200
	Economics	100	100	-	200
	Commerce	100	100	-	200
Total		500/485	500/485	-/30	1000

Combination 4 -C.E.C:

Part	Subject	Allotted Marks			Total
		First Year (AY 2025-26)	Second Year (AY 2026-27)		
		Theory	Theory	Practical	
Part-I	English	100	100	-	200
Part-II	Elective Subject	100/85	100/85	-/30	200
Part-III	Commerce	100	100	-	200
	Economics	100	100	-	200
	Civics	100	100	-	200
Total		500/485	500/485	-/30	1000

Combination 5 – H.E.C:

Part	Subject	Allotted Marks			Total
		First Year (AY 2025-26)	Second Year (AY 2026-27)		
		Theory	Theory	Practical	
Part-I	English	100	100	-	200
Part-II	Elective Subject	100/85	100/85	-/30	200
Part-III	History	100	100	-	200
	Economics	100	100	-	200
	Civics	100	100	-	200
Total		500/485	500/485	-/30	1000

The Principals of all Junior Colleges are instructed to ensure smooth implementation of these reforms and to provide necessary guidance to students during the process of admissions. Adequate publicity should be given to these changes through college notice boards, meetings, and media.

The Regional Joint Directors of Intermediate education, District Vocational Education officers/District Intermediate Education Officers, and Regional Inspection Officers are directed to monitor the admission process and ensure compliance with these new guidelines. As these reforms aim to enhance the quality of education, promote interdisciplinary learning, and better prepare students for future academic and professional pursuits, active involvement of all managements of Junior Colleges is expected for successful execution of these reforms.

KRITIKA SHUKLA
Secretary, Board of Intermediate Education
Andhra Pradesh

Copy to:

1. The Director of Intermediate Education, A.P, Tadepalli.
2. The Principals of Junior Colleges of all managements in the state.
3. All the Regional Joint Directors of Intermediate Education/ District Vocational Education Officers/District Intermediate Education Officers and Regional Inspection officers in the state.

ANNEXURE-I

Group	Part-I Compulsory	Part-II Elective	Part-III Group			Additional Subject (optional)
	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6
MPC	English	Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French, Biology, History, Economics, Commerce, Civics, Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu	Mathematics	Physics	Chemistry	Biology
BiPC	English	Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French, Mathematics, History, Economics, Commerce, Civics, Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu	Biology	Physics	Chemistry	Mathematics
		Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French, Mathematics, Physics, Chemistry,				

CEC	English	Biology, History, Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu	Commerce	Economics	Civics	-
MEC	English	Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French Physics, Chemistry, Biology, History, Civics, Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu	Mathematics	Economics	Commerce	-
HEC	English	Telugu, Sanskrit, Hindi, Urdu, Arabic, Tamil, Kannada, Oriya, Persian, French Mathematics, Physics, Chemistry, Biology, Commerce, Geography, Logic, Public Administration, Modern Language – English, Modern Language – Telugu, Modern Language – Urdu	History	Economics	Civics	-

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