AP ICET-2022

ANDHRA PRADESH INTEGRATED COMMON ENTRANCE TEST-2022
FOR ADMISSION INTO MBA & MCA

(CONDUCTED BY ANDHRA UNIVERSITY ON BEHALF OF APSCHE)

INSTRUCTION BOOKLET

REGISTRATION FEE FOR ONLINE TEST IS RS. 650/-

IMPORTANT DATES

S.No	Particulars	From	To
1	Date of Notification in the News Papers	07-05-2022	Publishes on 08-05-2022 news papers
2	Commencement of submission of Online applications	12-05-2022	
3	Registration & submission of online application without late fee	12-05-2022	10-06-2022
4	Submission of online applications with late fee (Rs. 2000/- + Registration fee)	11-06-2022	25-06-2022
5	Submission of online applications with late fee (Rs. 3000/- + Registration fee)	26-06-2022	02-07-2022
6	Submission of online applications with late fee (Rs. 5000/- + Registration fee)	03-07-2022	09-07-2022
7	Corrections to be made, if any to submitted online applications	11-07-2022	13-07-2022
8	Downloading of Hall-tickets from the website	18-07-2022 Onwards	
9	Examination date	25-07-2022	
10	Examination timings	09:00 AM to 11:30 AM & 03:00 PM to 05:30 PM	
11	Release of Preliminary Key	27-07-2022 – 06:00 PM	
12	Last Date for receiving of objections on Preliminary Key	29-07-2022 – 06:00 PM	
13	Release of final key, Declaration of Results & Ranks	08-08-2022	

Introduction:

Andhra Pradesh Integrated Common Entrance Test (AP ICET-2022) is conducted by Andhra University, Visakhapatnam on behalf of A.P. State Council of Higher Education for admission into

- First year of Master of Business Administration (MBA) and Master of Computer Applications (MCA)

in University constituent and affiliated colleges for the academic year 2022-23.

Eligibility to appear for AP ICET-2022:

a) The candidates should be Indian Nationals and should satisfy local/non-local status requirements laid down in the Andhra Pradesh Educational Institutions (Regulations of Admission) Order, 1974 as amended.

b) The candidates shall satisfy the rules of the concerned universities where they take admission.

c) The candidates seeking admission –

- Should have studied and passed 3/4 year Degree course in any faculty conducted by the Universities or its equivalent Degree Examination in $10 + 2 + 3/4$ pattern as recognized by U.G.C. (University Grants Commission). **For recognized universities please log on to https://www.ugc.ac.in/recog_College.aspx For degrees / Universities permitted by distance education bureau, please log on to https://www.ugc.ac.in/deb and follow the link for Recognition information.**
- **MBA** – Degree of 3/4 years duration from any recognized University or its equivalent.
- **MCA** – Degree of 3/4 years duration with "Mathematics" as one of the subject **at Intermediate or Degree level.**

Note: Candidate who passed all the subjects of the three years of any Degree course in one sitting is not eligible for admission into MBA or MCA Course.

- Candidate with aggregate marks of 50% (45% in case of reserved categories – SC, ST and BC) are alone eligible to take admission through APICET.
- Candidates shall fulfil the eligibility criteria laid down in relevant Government Orders in vogue at the time of admissions.
- The qualifying Degree obtained by Distance Mode Program should have recognition by Joint Committee of UGC, AICTE and DEC/DEB.
- The candidates who are appearing for the final year degree examination shall also be eligible to appear for AP ICET-2022.

Applying for AP ICET-2022:

- The candidates who satisfy eligibility criteria stated above can apply for AP ICET-2022 by filling an application online only through web site **https://cets.apsche.ap.gov.in.** Detailed information for filling the online application is given in user manual available in the portal.
- The schedule of receiving application is given on the first page under "Important Dates".
- The test is scheduled to be held at the following centres and the candidates can choose 3 to 4 centres from the following centres.

S. No	District	Locations
1	Anakapalli	Anakapalli
2	Anantapur	Anantapur, Gooty, Tadipatri
3	Annamayya	Madanapalle, Rajampeta
4	Bapatla	Bapatla, Chirala
5	Chittoor	Chittoor
6	East Godavari	Rajahmundry
7	Eluru	Eluru
8	Guntur	Guntur
9	Hyderabad	LB Nagar, Nacharam, Secunderabad
10	Kakinada	Kakinada
11	Konaseema	Amalapuram
12	Krishna	Gudlavalleru, Machilipatnam
13	Kurnool	Kurnool, Yemmiganur
14	Nandyal	Nandyal
15	NTR	Mylavaram, Tirvuru, Vijayawada
16	Palnadu	Narasaraopeta
17	Prakasam	Markapuram, Ongole
18	Tirupati	Gudur, Puttur, Tirupati
19	Sri Satyasai	Puttaparthi
20	Sri Potti Sri Ramulu Nellore	Kavali, Nellore
21	Srikakulam	Srikakulam, Tekkali
22	Visakhapatnam	Anandapuram, Gajuwaka, Visakhapatnam
23	Vizianagaram	Bobbili, Rajam, Vizianagaram
24	West Godavari	Bhimavaram, Narasapuram, Tadepalligudem
25	YSR Kadapa	Kadapa, Proddatur

- **However, Convener reserves the right to allot candidates to any other centre(s) in unavoidable circumstances.**
- **The test will be conducted during 25-07-2022 (Monday) in two sessions from 09:00 AM to 11:30 AM & 03:00 PM to 05:30 PM. Candidates applied for the test can be allotted to any of the two sessions.**
- **MEDIUM OF TEST: For Section-B, Examination will be held only in English medium, whereas for Section A & Section C, the examination will be held in both English and Telugu mediums.**

About AP ICET-2022:

GENERAL INFORMATION: The test is designed to measure the candidate's ability to think systematically, to use the verbal & mathematical skills and to assess his/her aptitude for admission into MBA/MCA programme. The test emphasizes accuracy. Therefore, the candidate is required to go through the instructions carefully. This is an objective type test and the questions are of multiple choice. Out of the given options, the candidate has to choose the correct answer.

PATTERN OF THE TEST: The test consists of 200 questions of one mark each on the following topics.

Details	No. of Questions	Total Question	Remarks
Section-A: Analytical Ability			
1. Data Sufficiency	20	75	
2. Problem Solving	55		
Section-B: Communication Ability			
1. Vocabulary	15	70	DURATION OF THE TEST IN 150 MINUTES
2. Functional Grammar	20		
3. Business and Computer Terminology	15		
4. Reading Comprehension	20		
Section-C: Mathematical Ability			
1. Arithmetical Ability	35	55	
2. Algebraical and Geometrical Ability	10		
3. Statistical Ability	10		
TOTAL	200 Marks	200 Questions	

SYLLABUS CONTENT OF THE TEST:

Section-A: Analytical Ability:

1. Data Sufficiency: A question is given followed by data in the form of two statements labeled as (i) and (ii). If the data given in (i) alone is sufficient to answer the question then choice (1) is the correct answer. If the data given in (ii) alone is sufficient to answer the question then choice (2) is the correct answer. If both (i) and (ii) put together are sufficient to answer the question but neither statement alone is sufficient, then choice (3) is the correct answer. If both (i) and (ii) put together are not sufficient to answer the question and additional data is needed, then choice (4) is the correct answer.

2. Problem Solving

a) Sequences and Series: Analogies of numbers and alphabet, completion of blank spaces following the pattern in a:b::c:d relationship; odd thing out: missing number in a sequence or a series.

b)Data Analysis: The data given in a Table, Graph, Bar diagram, Pie Chart, Venn Diagram or a Passage is to be analyzed and the questions pertaining to the data are to be answered.

c) Coding and Decoding Problems: A code pattern of English Alphabet is given. A given word or a group of letters are to be coded or decoded based on the given code or codes.

d)Date, Time & Arrangement Problems: Calendar problems, clock problems, blood relationships, arrivals, departures and schedules, seating arrangements, symbol and notation interpretation.

Section-B: Communication Ability:

Objectives of the Test:

Candidates will be assessed on the ability to:

1. Identify vocabulary used in the day-to-day communication **(Vocabulary)**.

2. Understand the functional use of grammar in day-to-day communication as well as in the business contexts **(Functional Grammar)**.

3. Identify the basic terminology and concepts in computer and business contexts (letters, reports, memoranda, agenda, minutes etc. **(Business and Computer terminology)**.

4. Understand written text and drawing inferences **(Reading Comprehension (4 Passages))**.

Section -C: Mathematical Ability

I. Arithmetical Ability:

Laws of indices, ratio and proportion; surds; numbers and divisibility, l.c.m. and g.c.d; Rational numbers, Ordering; Percentages; Profit and loss; Partnership, Pipes and cisterns, time, distance and work problems, areas and volumes, mensuration, modular arithmetic.

II. Algebraical and Geometrical Ability:

Statements, Truth tables, implication converse and inverse, Tautologies-Sets, Relations and functions, applications - Equation of a line in different forms.

Trigonometry - Trigonometric ratios, Trigonometric ratios of standard angles, ($0°$, $30°$, $45°$, $60°$, $90°$, $180°$): Trigonometric identities: sample problems on heights and distances, Polynomials; Remainder theorem and consequences; Linear equations and expressions; Progressions, Binomial Theorem, Matrices, Notion of a limit and derivative; Plane geometry - lines, Triangles, Quadrilaterals, Circles, Coordinate geometry-distance between points.

III. Statistical Ability:

Frequency distributions, Mean, Median, Mode, Standard Deviation, Correlation, simple problems on Probability.

PREPARATION OF MERIT LIST AND ASSIGING OF RANK IN AP ICET-2022:

- The candidates who have secured 25% marks in AP ICET-2022 (50 out of 200) and candidates belonging to the category of SC and ST to whom qualifying marks have not been prescribed, shall be assigned rank in the order of the merit on the basis of marks obtained in ICET.

- For the preparation of merit list, in case more than one student scoring the same marks at AP ICET-2022, the tie will be resolved as follows:

  i)   By considering the marks scored in Section-A

  ii)   If the tie persists, marks obtained by a student in Section-B will be taken into consideration.

  iii) If the tie still persists, the tie will be resolved by taking the age of the candidate into account and giving the older candidate priority.

- Ranks obtained in AP ICET-2022 are valid only for 2022-23 academic year admissions in to the various universities constituent and affiliated colleges in the State of Andhra Pradesh.

- All disputes arising out of any matter concerning to AP ICET-2022 shall be subject to the jurisdiction of High Court of AP, Amaravati only, in such disputes, only the Convener, AP ICET-2022 and the Secretary, APSCHE can be impleaded as respondents.

<u>NORMALIZATION OF SCORES</u>

- AP ICET-2022 is being conducted in two sessions based on the same syllabus, same pattern for candidates having same eligibility criteria. A candidate will be eligible to appear only in one session. Since the question paper will be different for each session, there is a possibility that the candidates compare themselves about the variation in the difficulty level of questions. However, it may be noted that utmost care will be taken so that all the papers are of same standard. Further, it is decided to adopt a normalization process to eliminate any such variations in the difficulty level of various sessions.

- **What is Normalization?**

  Normalization, as used in Indian context, is a process for ensuring the students neither advantaged nor disadvantaged by the difficulty of examinations conducted in multiple sessions. This process is based on a simple formula which has been adopted as it is recommended by the experts from reputed educational institutions at all National level and Universities level. The same process is being implemented in other State / Nation level entrance tests, for admission into undergraduate and graduate professional courses. Normalization process ranks all the candidates across all sessions on a comparative scale. In any normalization process, the marks of the easier session may

be reduced marginally and the marks of the harder paper may increase marginally on the global level, depending on the average performance in each session. If there is no much difference in the averages between two sessions then there won't be much difference in the normalized marks as well. Normalizing marks would justify the candidates while protecting their actual performance.

AP ICET Marks Normalization Process:

- The main aim of the normalization is to justify the candidates who got a difficult paper compared to an easier paper. Hence, the task is to rationalize in a best possible sense and rank the candidates based on the global performance. Various national level examination bodies like CAT, JEE (Main), GATE etc. are currently adopting such normalization procedures. Correspondingly, Committee on normalization has deliberated extensively and decided to use the following normalization procedure.

- **SMS:** (Average + Standard Deviation) of the session in which the candidate belongs to

- **GMS:** (Average + Standard Deviation) of all the candidates across all sessions together

- **Top Average Session:** Average marks of the top 0.1% of the candidates in the session in which the candidate belongs to

- **Top Average Global:** Average marks of the top 0.1% of all the candidates across all sessions together

Notes:

- For the candidates for whom there is no qualifying cut off in AP ICET-2022, if the marks in AP ICET-2022 go below zero (negative) after normalization, the total marks will be treated as zero and the ranks are assigned based on those marks. If tie persists, then AP ICET-2022 normalization marks will be considered for breaking the tie.

- **Demonstration with a sample data:**

- The following is based on a sample data to explain the normalization process. The data is based on almost equal number of candidates in both sessions. The normalization is shown subject wise so that the students get benefit based on subject wise performance rather than the entire paper in a session.

- **Averages and Standard Deviations in a particular session and averages of top 0.1% candidates of a particular session, Global Average and Standard Deviations of all sessions together, Averages of top 0.1% candidates in all sessions is given in Table 1. Example data of normalized marks is shown in Table 2 to Table 4.**

Table 1(a): Averages and Standard Deviations of sample data

AP ICET-2015		SECTION-A	SECTION-B	SECTION-C
Session 1	Avg	26.65834	22.34934	15.44961
	Std_Dev	7.461171	5.216657	5.273303
	Top 0.1% Avg	57.41935	52.70968	30.90323
Session 2	Avg	26.65963	22.2985	15.49653
	Std_Dev	7.474945	5.223414	5.279516
	Top 0.1% Avg	57.45161	52.90323	30.25806
All sessions together	Global_Avg	26.65995	22.32527	15.4738
	Global_Std_Dev	7.469925	5.22558	5.277921
	Top 0.1% Global_Avg	57.4375	53.20313	30.82813

Table 1(b): Averages and Standard Deviations of sample data

AP ICET-2016		SECTION-A	SECTION-B	SECTION-C
Session 1	Avg	26.20269	20.39462	15.45065
	Std_Dev	6.553433	4.327934	5.063855
	Top 0.1% Avg	54.40741	38.92593	30.25926
Session 2	Avg	26.1996	20.39817	15.44583
	Std_Dev	6.549082	4.355253	5.050875
	Top 0.1% Avg	52.75	40.64286	29.17857
All sessions together	Global_Avg	26.20068	20.39603	15.44796
	Global_Std_Dev	6.55207	4.342383	5.057699
	Top 0.1% Global_Avg	53.375	39.73214	29.82143

Table 2: Example of Normalized marks in Session 1:

Candidate	Marks	SECTION-A	SECTION-B	SECTION-C	Total
C1	Actual Marks	0	0	0	0
	Normalized Marks	-4.6	-1.407	-1.49	-7.498
C2	Actual Marks	8	3	5	16
	Normalized Marks	3.857	1.682	3.845	9.385
C3	Actual Marks	61	16	25	102
	Normalized Marks	59.89	15.07	25.19	100.1
C4	Actual Marks	76	36	38	150
	Normalized Marks	75.75	35.67	39.06	150.5

Table 3: Example of Normalized marks in Session 2:

Candidate	Marks	Maths	Physics	Chemistry	Total
C1	Actual Marks	1	3	4	8
	Normalized Marks	-3.74	1.595	2.595	0.451
C2	Actual Marks	14	9	2	25
	Normalized Marks	9.932	7.771	0.464	18.17
C3	Actual Marks	48	24	33	105
	Normalized Marks	45.69	23.21	33.49	102.4
C4	Actual Marks	78	38	39	155
	Normalized Marks	77.24	37.62	39.88	154.7

Table 4: Example of Normalized marks in Session 3:

Candidate	Marks	Maths	Physics	Chemistry	Total
C1	Actual Marks	0	0	0	0
	Normalized Marks	2.634	0.622	0.957	4.21
C2	Actual Marks	10	5	1	16
	Normalized Marks	12.81	5.83	1.926	20.6
C3	Actual Marks	50	17	31	98
	Normalized Marks	53.52	18.33	30.99	103
C4	Actual Marks	74	39	38	151
	Normalized Marks	77.94	41.24	37.77	157

Table 5: Example of Normalized marks in Session 4:

Candidate	Marks	Maths	Physics	Chemistry	Total
C1	Actual Marks	4	1	2	7
	Normalized Marks	6.457	1.97	2.935	11.4
C2	Actual Marks	19	7	9	35
	Normalized Marks	21.75	8.018	9.641	39.4
C3	Actual Marks	13	6	16	35
	Normalized Marks	15.63	7.01	16.35	39
C4	Actual Marks	67	9	24	100
	Normalized Marks	70.69	10.03	24.01	105
C5	Actual Marks	57	8	35	100
	Normalized Marks	60.49	9.025	34.55	104
C6	Actual Marks	80	38	40	158
	Normalized Marks	83.94	39.26	39.34	163

GENERAL INFORMATION / INSTRUCTIONS:

1. The Convener or / and the Common Entrance Test Committee reserve the right to reject the application of a candidate at any stage, if A) the application is incomplete. B) the candidate fails to satisfy the prescribed eligibility conditions. C) False or incorrect information is furnished.

2. Any change whatsoever, including that of caste/community status or category, shall not be permitted to be made in the filled in application once it is submitted to the Convener. No correspondence will be entertained in this regard.

3. The Convener is not responsible for the non-submission of application by the notified date and time for any reason whatsoever.

4. The Candidate should preserve the hall ticket to produce it at the time of test and later at the time of entry into the course.

5. Applicants should download hall tickets from website **https://cets.apsche.ap.gov.in** only.

6. The appearance at AP ICET-2022 does not entitle any candidate to be considered for entry into the course automatically.

7. The rank obtained with the benefit of relaxation of minimum qualifying marks at the AP ICET-2022 by any candidate, claiming to belong to SC/ST category, will be cancelled in case the claim is found to be invalid at any point of time.

8. The selection of candidates and allotment to colleges will be on the basis of rank obtained at the Common Entrance Test and other conditions laid down.

9. Candidate will not be permitted into the exam hall after the scheduled time on the date of entrance test.

10. **Candidates are advised to practice the mock tests placed in the website** and familiarize with the mode of attempting the online test.