# AP EDUCATION COMMON ENTRANCE TEST-2016 AP Ed.CET-2016

In the state of Andhra Pradesh for the academic year 2016-17 **Entrance test relating to B.Ed. Regular Course -Two Years Duration** 

Conducted by

## SRI VENKATESWARA UNIVERSITY, TIRUPATI

On behalf of Andhra Pradesh State Council of Higher Education



# NAAC 'A'GRADE INFORMATION BOOKLET

Please quote your Registration Number for reference in any Future correspondence with the Convener

The Convener, AP Ed.CET-2016

Institute of Advance Study in Education (IASE) Sri Venkateswara university, Tirupati-517502

Phone: 0877- 2289557

## **KEY POINTS TO BE OBSERVED**

- Candidates should have secured 50% marks either in the Bachelors Degree i.e. B.A./B.Sc/B.Sc (Home Science)/B.Com/BCA/BBM and/or in the Masters Degree in the relevant subject or any other subject equivalent there to. However the candidates belonging to all other reserved categories should have secured a minimum of 40 % marks in the qualifying examination.
- 2. Choosing of Part-Csubjects (i.e. Methodology) for entrance test is at candidate's risk. Subject eligibility will be subject to verification later at the time of admission counselling.
- 3. Candidates need not upload xerox copies of any certificates along with the application. However, they are required to submit original certificates/xerox copies whenever asked.
- 4. The information furnished in the application will be verified with originals at the time of entry into the course. Furnishing false information leads to prosecution and cancellation of admission at any point of time.
- 5. The mere appearance at the Entrance Test does not entitle the candidate the right to claim an entry into B.Ed. Course.
- 6. Admissions into B.Ed Special Education (Mentally Retarded / Visual Impaired) of DR.B.R.Ambedkar University, Srikakulam and Andhra University Vizag., will be made through AP Ed.CET–2016 Ranks.
- 7. Candidate must submit the application through online only (for details refer page 6, item IX).
- 8. B.E. / B.Tech candidates with Mathematics, Physics are eligible to B.Ed. Course.
- 9. Candidates will not be allowed into the Examination Hall after 11.00 A.M on the day of the Examination.
- 10. After filling all the boxes in the online application, the candidate must click on the submit button. Otherwise Registration number will not be generated and hence application will not be considered.
- 11. The duration of the course is for TWO YEARS.
- 12. Degree final year students are eligible to apply for AP Ed.CET-2016, they should submit provisional & marks list at the time of interview.

## **SCHEDULE**

1. Date of Issue of Notification : 10.02.2016

2. Commencement of Submission of Online Application : 16.02.2016 3. Last Date for the Submission of Online Application : 23.04.2016

4. Submission of Online Application with Late fee of Rs.1000/- : 30.04.2016

5. Downloading of Hall Tickets from Website : 15.05.2016

6. Date of Entrance Test : 23.05.2016

(Monday 11am to 1pm)

7. Date of Announcement of Results : 10.06.2016

8. Application Registration and Processing Fee Rs.400/- only (For SC, ST Rs.200/-)

9. Submission of Applications is permitted through online mode only. Registration Fee is non-Re fundable.

10. Agencies for Fee remittance through A.P.Online / Credit / Debit Card and Net Banking

11. Upload of Complaints from the Candidates are allowed during 25<sup>th</sup> to 27<sup>th</sup> April 2016.

#### **INSTRUCTIONS TO CANDIDATES OF AP Ed.CET-2016**

A Common Entrance Test, designated as Education Common Entrance Test-2016 (AP Ed.CET-2016) will be conducted by the CONVENER, AP Ed.CET-2016, Institute of Advanced Study in Education, Sri Venkateswara University, Tirupati on behalf of the Andhra Pradesh State Council of Higher Education for admission into B.Ed. Regular Course in the Colleges of Education in Andhra Pradesh for the academic year 2016-2017.

#### I. ELIGIBILITY TO APPEAR FOR Ed.CET-2016.

- (i) Candidates satisfying the following requirements shall be eligible to appear for AP Ed.CET-2016. (i) The Candidates should be Indian Nationals. (ii) The Candidates should satisfy Local/Non-Local status requirements as laid down in the Andhra Pradesh Educational Institutions (Regulation of Admission) Order 1974 as subsequently amended.
- (iii) Educational Qualifications:
  - (a) Candidates should have passed/appearing for final year examinations of B.A./B.Sc./B.Sc. (Home Science)/B.Com./ B.C.A./B.B.M. at the time of submitting the Application for APEd.CET-2016. Candidates should be required to produce marks memo and pass certificate at the time of admission.
  - (b) Candidates should have secured a minimum of 50% marks either in the Bachelors Degree i.e. B.A./B.Sc./B.Sc. (Home Science)/B.Com./B.C.A./B.B.M and or in the Masters Degree in relevant subject or 5years integrated course in the relevant subject of methodology or any other qualification equivalent thereto. However the candidates belonging to all other reserved categories i.e. S.C. S.T., B.C. (A/B/C/D/E), and Physically handicapped should have secured a minimum of 40% marks in the qualifying examination.

Note: The candidates who passed B.E/B.Tech, with Mathematics, Physics are eligible for admission into the Course. (iv) Age Limit:

The candidates should have completed the age of 19 years on 1st July of the year in which notification is issued. There shall be no maximum age limit.

#### II. SCHEME OF EXAMINATION FOR AP Ed.CET-2016

The common entrance test will be of objective type (multiple choice) examination. Candidate has to answer 150 questions in two hours time.

Part-A: General English - 25 questions for 25 marks

Part-B: 1) General Knowledge – 15 questions for 15 marks
2) Teaching Aptitude – 10 questions for 10 marks

Part-C: Methodology: Candidate has to choose one of the following subjects. It consists of 100 questions for 100 marks.

1) Mathematics - 100 questions for 100 marks

- Physical Sciences 100 questions for 100 marks (i) Physics 50 questions for 50 marks (ii) Chemistry 50 questions for 50 marks
- Biological Sciences 100 questions for 100 marks (i) Botany 50 questions for 50 marks (ii) Zoology 50 questions for 50 marks
- 4) Social Studies 100 questions for 100 marks (i) Geography 35 questions for 35 marks (ii) History 30 questions for 30 marks (iii) Civics 15 questions for 15 marks (iv) Economics
  - 20 questions for 20 marks
    - 5) English 100 questions for 100 marks

Note: Part-A and Part-B are common for all the candidates irrespective of Methodology chosen in Part-C

#### III. ELIGIBILITY CRITERIA FOR THE CHOICE OF SUBJECT UNDER PART-C

(G.O.Ms.No. 92, Education (SE-Trg-I) Department, dated 16-11-2006 and the amendments thereafter).

METHODOLOGY	ELIGIBILITY	METHODOLOGY	ELIGIBILITY
1 - Mathematics	Candidate with B.A./B.Sc. with Mathematics as one of the group subjects or B.C.A. candidates with Mathematics at intermediate level as a group subject. B.Tech with Mathematics & Physics	3 - Biological Sciences	Candidates with B.Sc./B.Sc.(Home Science) who have studied Botany and Zoology or Allied Life Sciences under Part-Il group subjects or B.C.A. Candidates with Biological Sciences at intermediate level as group subject.
2 - Physical Sciences	Candidates with B.Sc. who have studied Physics and Chemistry or Allied Material Sciences under Part-II group subjects or B.C.A. candidates with Physical Sciences Physics and Chemistry) at intermediate level as group subject.	4 - Social Studies	All candidates with B.A./B.Com./B.B.M. or B.C.A. candidates with Social Sciences at intermediate level as group subject.
		5 - English	Candidates with B.A Special English or M.A. English

#### IV. MEDIUM OF ENTRANCE TEST

The question paper will be in English and Telugu except for English methodology. However, candidates opting to write the

Entrance Test in Urdu medium will be served with Urdu paper and such candidates shall opt Kurnool as Test Centre.

#### V. CITY CENTRES OF ENTRANCE TEST

The Common Entrance Test will be held at the following Centres.

City/Town	Code	City/Town	Code
Srikakulam	n 01 Nello		10
Vizianagaram	02	Chittoor	11
Vishakhapatnam	03	Tirupati	12
Kakinada	04	Kuppam	13
Rajahmundry	05	Kadapa	14
Eluru	06	Proddatur	15
Vijayawada	07	Anantapur	16
Guntur	08	Nandyal	17
Ongole	09	Kurnool	18

Note: The Convener reserves the right to add or delete centers from the list of centres cited above.

#### VI. QUALIFYING MARKS:

The qualifying marks in the Entrance Test for all candidates (except SC/ST) is **37 out of total marks** (i.e. **25%**). For the candidates belonging to SC/ST communities there will be no qualifying marks for ranking. There will be no minimum qualifying marks for women in Physical Sciences/Mathematics methodologies.

#### VII. RESULTS:

**RANKING:** Candidates will be ranked in each methodology in the order of merit on the basis of marks obtained in APEd.CET -2016 examination. Where there is a tie in total marks, Part-C marks will be taken into account to decide relative ranking. In case of further tie, the marks obtained in Part-A will be taken into account to decide relative ranking.

In case of candidates getting equal marks in each of the parts of the test paper, they shall be bracketed for the purpose of award of rank. At the time of admission into the course, age shall be taken into consideration for relative ranking among the bracketed candidates and the older candidates shall be given priority.

The rank obtained in AP Ed.CET-2016 is valid for entry into B.Ed. course for the academic year 2016-2017 only.

Note: Request for re-totaling or revaluation or personal identification of scripts will not be entertained.

#### VIII. RULES OF RESERVATION FOR ADMISSION:

#### 1. Local Area-Wise Reservations:

- (i) Admission to 85% of the seats in each methodology shall be reserved for the local candidates and 15% of the seats shall be left unreserved as specified in the Andhra Pradesh Educational Institutions (Regulations and Admissions) Order 1974 as amended in G.O.P.No.646 Education (W) Department, dated:

  10th July 1979
- (ii) The part of the State comprising the districts of Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari, Krishna, Guntur and

Prakasam shall be regarded as the Andhra University-Local Area.

(iii) The part of the State comprising the districts of Anantapur, Kurnool, Chittoor, Kadapa and Nellore shall be regarded as the Sri Venkateswara

University-Local Area.

(iv) In respect of State-wide Institutions, i.e., Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati, admission to 85% of seats, in each methodology shall be reserved for the candidates belonging to the two local areas in the state, namely Andhra University Area and Sri Venkateswara University Area and the balance of 15% of seats shall be left for the open competition.

#### 2. The Local Candidate:

- (A) A candidate for admission shall be regarded as a local candidate in relation to local area:
- i) If he/she has studied in an Educational Institution or Educational Institutions in such local area for a period of not less than four consecutive academic years ending with the academic year in which he/she appeared or as the case may be first appeared in the relevant qualifying examination.
- ii) Where, during the whole or any part of the four consecutive academic years, ending with the academic year in which he/she appeared or as the case may be first appeared for the relevant qualifying examination, he/she has not studied in Educational Institutions, if he/she resided in the local area for a period of not less than four years immediately preceding the date of commencement of the relevant qualifying examination in which he/she appeared or as the case may be first appeared.
- (B) A candidate for admission to the course who is not regarded as local candidate under clause (A) in relation to any local area shall be as local candidate.
- (a) If he/she has studied in educational institutions in the state for a period of not less than seven consecutive academic years ending with the academic year in which he/she appeared or as the case may be first appeared for the relevant qualifying examination, be regarded as local candidate in relation to:
- (i) Such local area where he/she has studied for the maximum period out of said period of seven years OR
- (ii) Where the period of his/her study in two or more local areas are equal, such local area where he/she has studied last in such equal periods.

OR(b) If during the whole or any part of seven consecutive academic years, ending with the academic year in which he appeared or as the case may be first appeared for the relevant qualifying examination, he/she has not studied in the educational institutions in any local area but has resided in the State during the whole of the said period of seven years, be regarded as a local candidate in relation to:

(i) Such local area where he/she has resided for the maximum period of the said period of seven years. OR

- (ii) Where the periods of his/her residence in two or more local areas are equal, such local area where he/she resides last in such equal periods. (C) The following categories of candidates are eligible to apply for admission to the remaining 15% of unreserved seats.
- (i) All the candidates eligible to be declared as local candidates.
- (ii) Candidates who have resided in the State for a total period of ten years excluding periods of study outside the State.
- (iii) Candidates either of whose parents is in the employment of this State or Central Government, Public Sector Corporations, Local Bodies, Universities and similar other quasi-public institutions within the State at the time of submitting the application.
- (iv) Candidates who are spouses of those in the employment of the State or Central Government, Public Sector Corporations, Local Bod ies, Universities and Educational Institutions recognized by the Government or University OR other competent authority and similar quasi Government institutions within the State
- (D) If a local candidate in respect of local area is not available to fill any seat reserved or allocated in favour of a local candidate in respect of that local area, such seat shall be filled in as if it has been un-reserved.

Note: For details see the Andhra Pradesh Education Institutions (Regulations and Admissions) Order, 1974 as amended in G.O.P. No. 646, Edn.(W) Department, dated 10-07-1979.

#### IX. SUBMISSION OF FILLED IN APPLICATIONS THROUGH ONLINE:

Applications should be submitted through online only. Fee once paid will not be returned.

#### Online

#### **Submission**

For online submission, visit the Website <a href="www.apedcet.org">www.apedcet.org</a> and <a href="www.apedcet.org">podcet.org</a> and <a href="www.apedcet.org">www.apedcet.org</a> and <a href="w

# The following information must be kept ready for filling the details during Online submission

- a. Select the eligible methodology.
- b. Hall ticket Number of Qualifying Examination . c. Date of Birth.
- d. Caste in case of SC/ST/BC candidates. e. PH/NCC/SPORTS
- f. Parental Income Upto One Lakh or up to Two lakhs or more than Two Lakhs (rupees)
- g. Study or Residence or relevant certificate for proof of local status. h. Aadhar Card.

Note: The above certificates are to be submitted during the Counseling for Admission

## X. 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.
- 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 received by the Convener. No correspondence will be entertained in this regard. Upload of complaints will be allowed during April 25<sup>th</sup> -

27<sup>th</sup>, 2016.

- 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 www.apedcet.org only.
- 6. The appearance at AP Ed.CET 2016 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 Ed.CET-2016 by any candidate, claiming to belong to SC/ST category, will be cancelled in case the claim is found to be invalid later or 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 11 AM on the date of entrance test.
- 10. In any litigation, the party to be impleaded shall be the Convener of the AP Ed.CET- 2016 only and this shall be subject to the jurisdiction of High Court of A.P. The list of institutions for allotment of candidates with intake in each methodology and category, as per reservation through AP Ed.CET-2016.

Note: For NCC/Sports the Certificates obtained in qualifying examination are alone considered. Candidate has to download the Hall Ticket & Rank Card from the Website only.

## AP ED.CET-2016 OBJECTIVE TYPE EXAMINATION WITH OMR SHEET SYLLABUS COVERING THE DEGREE SUBJECTS (B.A.,B.Com., B.Sc.) FOR THE PERIOD 2013-16

Syllabus for the subjects under Part-A, Part-B and Part-C of the Education Common Entrance Test-2016.

#### PART-A: GENERAL ENGLISH

- 1. Reading Comprehension.
- 2. Correction of Sentences, Articles, Prepositions, Tenses, Spelling.
- 3. Vocabulary, Synonyms, Antonyms.
- 4. Transformation of Sentences Simple, Compound and Complex. Voices, Direct Speech and Indirect Speech.

#### PART-B: GENERAL KNOWLEDGE & TEACHING APTITUDE

- 1. Questions will be designed to test the ability of the candidate"s general knowledge of the environment around him and its application to society.
- 2. Questions will also be designed to test knowledge of current events and of such matters of every day observation and experience in their scientific outlook as is expected of an educated person.

  3. The test will also include questions relating to India and its neighboring Countries especially pertaining to History, Culture, Geography,
- Ecology, Economics, General Policy and Scientific Research.
- apart from relating to

4.	Teaching requires certain characteris analytical thinking and general in these aspects will be included to t	telligence. One wh	o has these ch				
		PAR	T-C: One of	the following	subjects to	be opted:	
1.	. Mathematics (M	IS)		Ì	, ,	-	
2.	2. Physical Sciences (Physics and Che	mistry)	(PS)				
3.	<ol><li>Biological Sciences (Botany and Zo</li></ol>	ology)	(BS)				
4.	4. Social Studies (Geography, History, (For these four subjects Syllabu			(SS) evised comr	non core deg	ree syllabus)	
_	visit www.apedcet.org.		<del></del>				
٥.	English [Special English in B.A.]	in at Familial about	1				
a)	The Syllabus for Part C for Sub- Syllabus pertaining to English for			nt for the Tw	o-Year Inter	mediate course of A.I	P-50 Questions
	(50 Marks)						
	Topics	··· Ε1	CDI .:				
	i) Language functions	ii) Elements		,	ammar	"\ D C 1''II	
h)	iv) Phrasal Verbs (idioms)  Syllabus prescribed for Optional	v) Writing sk			ıdy skills English)/Mo	vii) Reference skills	
U)	Questions (50 marks)	Engusu at b.A. b	egree Lever (	b.A.speciai	English)/Mo	uern Enerature Syna	bus iii English-30
		PART	Γ-A : GENEF		EL PAPER SH	(Marks : 25)	
					J	(	
1.	He failed. He was very careless.						
	Choose the sentence you get when (1) He failed, so he was very care (3) He failed because his care 2. We attended a	less. (2) lessness. (4) of classical music lect word given. (2) consoiven. or ? e door ?	He was very c He failed bec ast Sunday.	areless, but hause of his c	arelessness.	(4)	
	P	ART-B : GENER	AL KNOWL	EDGE AND	TEACHING	G APTITUDE (M	Iarks : 25)
1.	Who is related to Green Revolution is (1) Vargheese Kurian (3) Dr. M.S. Swaminadhan 2. The material used in lead penc	(2) Anand (4) Medha Pat	kar				
	(1) Lead	(2) Grap	hite	(3) N	Iica		(4) Carbon
	3. Children learn better when the			(2)	. 16	1 6	
	(1) always punished for mis				praised for	good performance	
	(3) unsure of punishment or rewa	ird (4) lei	t entirely to th				
			PAR		HEMATICS		
2. '	A regular polygon has 10 sides. Then (1) 30 (2) 35 (3) 40 The standard deviation of 1, 2, 3, (1) $\sigma$ + 10 (2) $10\sigma$ (3) The number of even positive divisors	(4) 45 , 10 is 6. Then $0 \sigma + 20$ (4) of 10800 is:	the standard σ	deviation of 1	1, 12, 13,	tics Methodology)	(Marks : 100)
		(1) 46	(2) 60	(3) 48	(4) 12		

#### PART-C: PHYSICAL SCIENCES (Code:2-Physical Sciences Methodology) (Marks: 100) PHYSICS (Marks: 50) 1. Two objects A and B are thrown vertically upwards with their initial speeds in the ratio of 2:3. The ratio of the maximum heights attained by them is: (1) 2:3 (2) 3:2 (3) 4:9(4) 9:42. If the current flows in a conductor from east to west, the direction of the magnetic field at a point above the conductor is: (1) towards west (4) towards south towards east (3) towards north 3. Kilowatt hour is the unit of: (2) Electric resistance (3) Electric potential (4) Electric energy (1) Electric power 1. In a colloidal system, the dispersed phase is a liquid and the dispersion medium is a solid. The colloidal system is: (1) a foam (2) a sol (3) an emulsion (4) a gel 2. Which of the following is a semiconductor? (1) Ag (2) Cu (3) Au 3. The display unit of calculator contains: (1) gases (2) crystals (3) liquid crystals (4) liquids PART-C: BIOLOGICAL SCIENCES (Code:3-Biological Sciences Methodology) (Marks: 100) **BOTANY** (Marks: 50) 1. Which of the following is a vascular cryptogam? (1) Gymnosperms (2) Angiosperms (3) Bryophytes (4) Pteridophytes 2. Bacterial nuclear material does not contain: (1) DNA (2) Circular DNA (3) Polyamines (4) Histones 3. Which of the following is incorrect about plasmids? (1) Extrachromosomal genetic material (2) Transmitted to another bacterium during conjugation (3) Impart no special property to the bacterium (4) Transmitted to daughter cells by binary fission. ZOOLOGY (Marks: 50) $1. \ One \ of \ the \ following \ fishes \ is \ known \ for \ discontinuous \ distribution:$ (1) Exocoetus (2) Clarias (3) Protopterus (4) Torpedo Function of parapodia: (1) Respiration (2) Touch (3) Excretion (4) Feeding 3. The division of Nucleus alone is known as: (1) Mitosis (2) Amitosis (3) Cytokinesis (4) Karyokinesis **PART-C: SOCIAL STUDIES** (Code:4-Social Studies Methodology) (Marks: 100) GEOGRAPHY (Marks: 35) 1. The continent that has occupied the largest area in the equatorial belt is: (1) South America (2) Australia (3) Africa (4) Asia 2. Which one of the following is not a Sea? (1) Aral Sea (2) Black Sea (3) Yellow Sea (4) White Sea 3. Arabica is a variety of which one of the following crop? (2) Coffee (1) Tea (3) Cocoa (4) Sugar cane HISTORY (Marks :30) 1. The Treaty of Berlin was concluded in: (1) 1878 (2) 1879 (3)1880(4) 1882 2. Who introduced New Economic Policy? (1) Chekov (2) Stalin (3) Gorky (4) Lenin 3. Konark Sun Temple is in: (1) Bihar (2) Orissa (3) Karnataka (4) Kerala CIVICS (Marks:15) 1. "Contempt of Court" comes under: (1) Union list (2) State list (3) Concurrent list (4) Exemption in Union list 2. How many member-states of the U.N.O. enjoy the "VETO" power? (1) 1(2) 2(3)5(4) 103. Which of the following is not a device of direct democracy? (1) Referendum (2) Plebiscite (3) Recall (4) Reservation **ECONOMICS** (Marks :20) 1. Which of the following is an indirect tax ?(1) Personal Income Tax (2) Corporate Tax (3) Wealth Tax (4) Tax on natural resources 2. Bank drafts are issued by: (1) International Monetary Fund (2) Commercial Banks (3) Reserve Bank of India (4) Business Firms 3. Which of the following is a source of revenue in the revenue account of the budget? (1) Subsidies (2) Market borrowings (3) Interest revenue (4) Revenue from taxes **PART-C: ENGLISH** (Code:5-English Methodology) (Marks: 100) 1. These words are always said in their strong form, in a sentence : (1) articles (2) some conjunctions (3) adverbs (4) prepositions 2. Integration of reading and writing skills is involved in : (1) reporting (2) reciting (3) note-taking (4) note-making 3. Toru Dutt"s "Sita" is: (1) Lyrical (2) Elegiac (3) Melancholic (4) Very humorous