

State Council of Educational Research and Training - AP, Amaravati.

Notification for Selection of

Upadhyaya Shikshana Nestham (Teacher Educators)

And Sankethika Sikshana Nestham (Digital/E-content Resource Persons)

Date: 29/08/2019

Subject: School Education – Notification - Inviting applications for Computer Based Test (CBT) for selection of Resource Persons for SCERT to conduct trainings at state and district levels and E-Content Developers for E-Content Cell, SCERT – Regarding.

- Ref:** 1. Lr. No. 141 / PMU (IT-Cell) / 2017, dated 28.06.2017
2. Government Order RT. No. 201 dated 13.10.2017
3. PAB minutes of innovation projects for Secondary Education 2017-18 dated 12.12.2017
4. Memo No.652898/Prog.II/A1/2017 dated 19.07.2018

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With the vision and objective of building a high quality education system, several initiatives are being implemented in the department of School Education, Govt. of Andhra Pradesh, which cover areas like, student learning outcomes, assessments analytics and dissemination, development of high end learning resources using technology, etc.

Teacher Professional Development (TPD) is an important factor for improvement of Quality School Education. Towards this goal, GoAP has taken up several initiatives such as virtual resource platforms for teachers – AP eKnowledge Exchange Portal (APeKX), rewarding meritorious teachers, improved teacher training modules based on student learning gaps/hard spots identified in assessment analytics, online courses, etc. The School Education Department aims to develop a teacher training system aligned to the individual professional needs of teachers. Teacher educators with strong motivations and commitment to quality education, subject knowledge, pedagogy skills and competencies are critical for providing ongoing professional development training support to teachers working in schools both in Government as well as private sector.

School Education Department, Government of Andhra Pradesh is implementing several digital education initiatives including: 5000 Digital Class Rooms, 4000 Virtual Class Rooms, Digital Content development, QR Coded Energized Text books, supporting DIKSHA-APeKX utilization, etc. There is a need for knowledgeable teachers to work as digital content developers, digital content curators, eLesson Planning resource persons,

Education Technology Teacher Trainers, etc.

Efforts are underway to strengthen Pre-Service and In-Service Teacher Education in the State. Due to legal constraints, several vacancies in Teacher Education Institutions remain vacant over several years. Various posts of Teacher Educators in SCERT, DIETs, CTEs, IASEs are being managed through deputations of regular teachers from schools.

In the above context, it is proposed to put in place a strong resource pool of about 3500 Teachers under three categories, through systematic selection system from out of interested Teachers with aptitude, subject understanding, appropriate pedagogy skills, commitment, etc. The two categories are

- i. Upadhyaya Shikshana Nestham (USN),
- ii. Sankethika Shikshana Nestham (SSN).
- iii. Deputation of teachers into SCERT, DIETs, CTEs, IASEs Lecturer posts, District Assessment Cells, Details are given below and in the Annexures.

1. Upadhyaya Shikshana Nestham (USN)

- i. SCERT conducted the Training Needs Identification (TNI) Survey and received feedback from over 26,000 teachers. Student learning outcomes gaps are identified by National Assessment Survey (NAS), State Level Achievement Survey (SLAS), Summative Assessment Analytics and Annual Status of Education Report (ASER),etc. School Education Department aims to build a strong resource pool of Teacher Educators.
- ii. The selected Teacher will be called *Upadhyaya Shikshana Nestham*. These USN will function as Teachers Trainers (SRPs / DRPs) in Induction and In-service Teacher trainings conducted at State/District/Mandal levels. USN will be part of the SCERT Resource Group/Pool who will develop training modules, conduct teacher trainings at different levels, etc.
- iii. The USN will be selected under 8 Resource Groups - (i) SGT Group, Subject specific School Assistants (ii) Telugu, (iii) English, (iv) Mathematics, (v) Physical Sciences, (vi) Biological Science, (vii) Social Science, (viii) Hindi
- iv. **Annexure 1** details out the Qualifications, Selection Process, Post Selection Trainings, incentives/benefits, Expected Deliverables, Roles and Responsibilities, etc.

2. Sankethika Shikshana Nestham (SSN)

- i. *Sankethika Shikshana Nestham (SSN)* will work as e-Content Developers in the e-Content Cells located at DIETs, develop e-Content for energizing textbooks (ETBs), Digital Classrooms, Virtual Classrooms, curate and Map existing content and state curriculum and support e-Lesson Planning, digital education training resource persons to cover effective use of ICT Labs, APEKX-DIKSHA utilization, etc.(GO No. 141)
- ii. **Annexure 2** details out the Qualifications, Selection Process, Post Selection Trainings, incentives/benefits, Expected Deliverables, Roles and Responsibilities, etc.

3. Deputations into SCERT, DIETs, CTEs, IASEs and District Assessment Cells

- i. These selected teachers will work in the vacant positions of the DIETs, CTEs and IASEs at district Level and in SCERT at state Level.
- ii. They will be performing the work endorsed by the principal of DIETs, CTEs and IASEs and Director of SCERT.
- iii. Basing on the qualification and Performance in CBT these deputations will be taken up.
- iv. For District Assessment Cells the short listed candidates will be called for an in-person screening. This will include face to face interview and serious practical tests to check the abilities of candidates. The interview will focus on understanding the attitude, motivation and over all competency of the candidate.

4. Application Process

- i. Interested teachers can apply for Upadhyaya Sikshana Nestham (Resource Persons), Sankethika Sikshana Nestham (E-Content Cell) , Deputations or all three
- ii. Candidates can apply for any one subject of their choice. (See Annexure -3 for List of Subjects)

5. Candidates are requested to apply online for CBT from 27th August 2019 to 6th September 2019 through <https://schooledu.ap.gov.in>

6. The computer-based test shall be conducted in all the districts.

7. Hall tickets will be issued to the candidates based on the data furnished Online. Hence mere issue of Hall tickets or writing of examination does not confer any right regarding eligibility.

8. Candidate applying must be fully qualified for the post applied for and in possession of all Certificates as on the last date prescribed in the notification for submission of applications.

9. Eligibility for each category of the post, mode of selection, pattern of examination including duration, total marks and qualification marks and other procedure will be indicated separately.

10. The syllabus / topic given are only suggestive/indicative but not exhaustive.

11. Important Dates for Notification, CBT Dates, etc.

- i. Availability of application form – 29th August 2019
- ii. Last date for application – 6th Sept, 2019
- iii. Date of Computer Based Test – 22nd September-2019, Sunday
- iv. CENTA Micro-Credentials – To be announced after CBT

v. Diksha Digital Content Development Course – To be announced after CBT

vi. Interaction with Panel of Departmental Officers –To be announced after CBT

12. Teachers applying for Sankethika Shikshana Nestham will take additional CBT section.

Annexure 1 – Upadhyaya Shikshana Nestham (USN)

1. Eligible Qualifications

- i. Minimum 2 years of experience
- ii. Age limit: Min.3 years of service left

2. Selection Process - Selection of *Upadhyaya Shikshana Nestham* will be done through two (2) stages of selection process including,

- i. **Stage 1** – State level Computer Based Test (CBT) developed by Center for Teacher Accreditation (CENTA)– score in the same will be taken.
- ii. **Stage 2** – One CENTA Micro-Credential (micro-certification assessment), which is available for **six competency groups**, i.e. Subject Expertise, Content Development & Planning, Technology in Education, Student Assessment & Remediation, Classroom Communication, and Professional Competencies – score in the attempted Micro-Credential will be taken.

3. Post Selection Trainings: Effective management of training resources, training pedagogy, content and technology

4. Incentives/benefits

- i. Eligible Honorarium during the training programs
- ii. Additional points in State Teacher Awards
- iii. Certificate of Appreciation
- iv. Two (2) points in Teacher Transfers
- v. Academic exposure visits

5. Expected deliverables

- i. Understand the scope of the Training(s) / Needs of teachers
- ii. Develop Training Modules in-coordination with Module writers
- iii. Conduct Trainings at Mandal, Divisional, District, and State level as and when required
- iv. Collect feedback from participants and incorporate those learning in the next phase of Trainings with 75% or above participants rating the training experience as positive
- v. Any other Academic Training / support / Work allocated by SCERT, AP

Annexure 2 – Sankethika Shikshana Nestham (SSN)

1. Eligibility &Qualifications

- i. Minimum 2 years of experience
- ii. Age limit: Min.3 years of service left

2. Selection Process – Selection of *Sankethika Shikshana Nestham* will be done through Three (3) stages of selection process including,

- i. **Stage 1** - State level Computer Based Test (CBT) developed by Center for Teacher Accreditation (CENTA)– score in the same will be taken.

ii. Stage 2:

- iii. CBT Qualified Teachers will attempt CENTA Micro-Credential in Technology in Education – score in the same will be taken.

- iv. Completion of Certificate Course on Digital Content Creation on Diksha;

- iii. **Stage 3** - Interview by Diksha (National Teacher Platform) Panel.

3. Post Selection Trainings: To be announced later

4. Proposed Incentives/benefits

- i. Eligible Honorarium
- ii. Additional points in State Teacher Awards
- iii. Certificate of Appreciation
- iv. Two (2) points in Teacher Transfers
- v. Deputation for minimum 2 years
- vi. Academic exposure visits

5. Expected Deliverables

- i. At least 75% positive feedback from Trainees
- ii. Certificate course on E-Content Preparation
- iii. Develop at least 20 E-Content items/month
- iv. Curate at least 20 E-content items/month

6. Roles and Responsibilities of Sanketika – Sikshana Nestham

- i. State Level Content Evaluator (Technical) - When a district level curator approves content with the relevant tags, the state level content evaluator (Technical) shall evaluate the Technical aspects of the content like technical format, sound, Interactivity, profanity, plagiarism, contextual-ness, license, etc.
- ii. State Level Content Evaluator (Academics) - The state level content evaluator (Academics) shall evaluate the curriculum and pedagogy; Content that is of

high-quality will be ‘stamped’ or ‘certified’ at the state level with additional tags. State level content evaluators are also tasked to create sample templates and exemplar content that can be (re)used by the content creators as reference content

iii. Content Curator: (District level)

- Each district level content curator is given a subject/grade
- If the curator content is appropriate, the reviewers will add necessary tags and approve it
- Content that is approved by the district level curators will become a part of the public repository

iv. Content Creators: (District level)

- Each content creator will be assigned to a particular subject-grade (Ex: Grade 8-Math) He/She shall develop E-Content (Lesson plan, Worksheets, Assessments)

Annexure 3–Deputation to DIETs, IASEs, CTEs, SCERT and District Assessment Cells

Eligible Qualifications

- i. Minimum 2 years of experience
 - ii. Age limit: Min.3 years of service left
 - iii. For Sr. Lecturer –
 2. P.G .Degree in the concerned subject with minimum 55% of Marks
 3. B.Ed. with minimum second class
 4. M.Ed. with 55% of Marks
 - iv. Lecturer –
 5. P.G .Degree in the concerned subject with 55% of Marks
 6. B.Ed. with minimum second class
 7. M.Ed. with 55% of Marks
 - v. District Assessment Cell –
 8. P.G .Degree in the concerned subject with 55% of Marks(desirable)
 9. B.Ed. with minimum second class
 - 10.M.Ed. with 55% of Marks(desirable)
6. Pass in SLET/NET in Education concern subject and Ph.D. will be

given importance.

- vii. Selection Process–the teachers who are applying for *Upadhyaya Shikshana Nestham* can be given an option to work in DIETs, IASEs, CTEs and SCERT.
- viii. After selection of Upadhyaya Shikshana Nestham, basing on the Qualifications previous experience candidates will be deputed to DIETs, IASEs, CTEs and SCERT.
- ix. For District Assessment Cells the short listed candidates will be called for an in-person screening. This will include face to face interview and serious practical tests to check the abilities of candidates. The interview will focus on understanding the attitude, motivation and over all competency of the candidate.

Annexure – 4-Details of Computer Based Test Structure & Subjects

A. List of Subjects - Candidates can select any 1 (ONLY) test track from the list below based on subject allocated at the time of appointment/promotion.

1. Telugu, English, Mathematics and EVS (Combined)- Standards 1st to 5th – Telugu Medium
2. English, Telugu, Mathematics and EVS (Combined)- Standards 1st to 5th –English Medium
3. Telugu (Language) – Standards 6th to 10th
4. English (Language) – standards 6th to 10th
5. Hindi (Language) – Standards 6th to 10th
6. Mathematics (Telugu Medium) – Standards 6th to 10th
7. Mathematics (English Medium) – Standards 6th to 10th
8. Social Science (Telugu Medium) – Standards 6th to 10th
9. Social Science (English Medium) – Standards 6th to 10th
10. Physical Sciences (Telugu Medium)- Standards 6th to 10th
11. Physical Sciences (English Medium) – Standards 6th to 10th
12. Biological Sciences (Telugu Medium) – Standards 6th to 10th
13. Biological Sciences (English Medium) – Standards 6th to 10th

☐ Note: Mediums mentioned above are for the convenience of teachers. At the time of imparting trainings / Curating content teachers might require to deliver duties across

mediums

- ☒ Test will be conducted as a computer-based, multiple choice (MCQ), no negative marking.
- ☒ Subject related questions are based on National Curriculum Framework 2005 and SCERT syllabus; teaching practices related questions are based on CANTA Standards.
- ☒ Nature of questions in the test will be conceptual and practice oriented. Sample questions will be made available on APeKX website

B. Test Structure: Following 4 Sections are common for all (Total 50 Questions and Total 75 Marks)

Section 1: Subject Expertise (10 Questions)

- ☒ Content and Procedural Knowledge
- ☒ Conceptual Understanding
- ☒ Real life purpose and application

Section 2: Classroom Practices (20 Questions)

- ☒ Common classroom practices
- ☒ Pedagogical Methods and Topic-specific content

Section 3: Student Assessment and Remediation (10 Questions)

- ☒ Purpose and type of assessments
- ☒ Assessment design
- ☒ Insight from assessment and feedback to students

Section 4: Logical Abilities and Communication (10 Questions)

- ☒ General Logical Ability
- ☒ Communication- correctness of language, principles of interaction with peers and parents

Candidates who apply for E-Content Cell will take additional section as detailed below

Content and Technology (10 Questions)

- ☒ Learning Objectives and Lesson Planning for technology based lesson
- ☒ Technological Pedagogical Content Knowledge and Methods (relevant to specific content areas)
- ☒ Learning Theories, Growth Stages, Learner Diversity and Classroom Management Techniques as applicable to classes using ICT resources

☐ Technology: general use, methods, tools

Deputation to DIETs, CTEs IASEs, SCERT and District Assessment Cells:-

The teachers can choose this option in the online application, they have to pass through the CBT for *Upadhyaya Shikshana Nestham (USN)*.

Annexure 4: - Details of CENTA Micro-Credentials

CENTA offers six Micro-Credentials(micro-certification assessments), focused on different groups of competencies, i.e. Subject Expertise, Content Development& Planning, Technology in Education, Student Assessment & Remediation, Classroom Communication, and Professional Competencies.

Each Micro-Credential consists of 1 to 2tests and 1 to 3 practical assessments facilitated by online submissions. The candidate gets a month of time to complete this and the total time commitment is likely to be 6 to 8 hours. The candidate then receives a detailed scorecard capturing competencies where he or she has done very well, and competencies where he or she needs to improve; this in turn will feed into not only selection but also customized professional development support.

USN candidates will get recommendations on which Micro-Credential to take up post the CBT, while SSN candidates will need to take the Technology in Education Micro-Credential.

Annexure 5

A) Break-up of total no. of Resource Persons per District/Subject: Total – 3000

S.No	Subjects	Number of Resource Persons	Per District
1	SGT Group	650	50
2	Telugu	375	28
3	English	375	28
4	Mathematics	375	28
5	Physical Sciences	375	28
6	Biological Sciences	375	28
7	Social Sciences	375	28
8	Hindi	100	08
	Total	3000	

B) SCERT – Break up of Vacant Lecturer & Senior Lecturer posts in SCERT, DIETS, CTES, IASE and District Assessment Cells

Name of the DIET/CTE/IASE	Senior Lecturers	Lecturers	total
DIET, Vomaravalli, Srikakulam District	7	13	20
DIET, Vizianagaram, Vizianagaram District	7	16	23
DIET, Bheemunipatnam, Visakhapatnam District	6	12	18
DIET, Bommuru, East Godavari District	7	14	21
DIET, Dubacherla, West Godavari District	6	15	21
DIET, Krishna, Krishna District	7	13	20
DIET, Boyapalem, Guntur District	7	20	27
DIET, Mynampadu, Prakasam District	7	14	21
DIET, Pallipadu, SPSRNellore District	7	12	19
DIET, Karvetinagar, Chittor District	6	15	21
DIET, Rayachoty, YSR Kadapa District	5	11	16
DIET, Bukkapatnam, Ananthapuram District	7	15	22
DIET, Kurnool, Kurnool District	6	17	23
IASE Rajahmundry	0	13	13
IASE Kurnool CTE	0	11	11
IASE Nellore	0	12	12
S.C.E.R.T	0	16	16
TOTAL	85	239	324

District Assessment Cells

S.No	District	Requirement
1	Srikakulam	SA(Language Expert) - 1
2	Vizianagaram	SA(Language Expert) - 1
3	Visakhapatnam	SA(Language Expert) - 1 SA(Non Language Expert) - 1
4	West Godavari	SA(Language Expert) - 1 SA(Non Language Expert) - 1
5	Krishna	SGT(Primary Expert) - 1 SA(Non Language Expert) - 1
6	Nellore	SGT(Primary Expert) - 1
7	Chittoor	SGT(Primary Expert) - 1 SA(Language Expert) - 1 SA(Non Language Expert) - 1
8	State Assessment Cell	SA(Telugu) - 1
	Total	12

Note: For any further vacancies that may arise in future in state/district Assessment Cells,

candidates from the merit list generated through this CBT may be considered.

C) Break-up of total no. of E-content developers at District/State level: Total - 150

S.No	Subjects	Number of Resource Persons
1	SCT Group	24
2	Telugu	16
3	English	16
4	Mathematics	16
5	Physical Sciences	16
6	Biological Sciences	16
7	Social Sciences	16
8	Hindi	10
	Total	130

In addition 20 E-Content developers will be appointed at State Level, E-content cell, SCERT based on requirement for specific subjects / languages

SANDHYA RANI KANNEGANTI
COMMISSIONER