



Centre for Competitive Exams, Training & Skill Development,
&
School of Earth Sciences,
Swami Ramanand Teerth Marathwada University,
Nanded 431606 (MS)

Ten days National Workshop on NET SET General Paper

२२ फेब्रुवारी २०२४ ते २ मार्च २०२४

Admission Notice

- ❑ UG, PG, PhD, NET/ SET, व इतर स्पर्धा परीक्षेच्या तयारी करत असलेल्या विद्यार्थ्यांसाठी उपयुक्त अभ्यासक्रम
- ❑ महाराष्ट्र व महाराष्ट्राबाहेरील तज्ञ व अनुभवी शिक्षक
- ❑ कालावधी : २२ फेब्रुवारी ते २ मार्च २०२४ दरम्यान ऑफलाईन पद्धतीने तासिका
- ❑ तासिकांची वेळ : दररोज सकाळी १० ते संध्याकाळी ५ वाजेपर्यंत
- ❑ प्रवेश मर्यादा : जास्तीत जास्त १०० विद्यार्थ्यांना प्रवेश दिला जाईल.
- ❑ भाषा माध्यम : इंग्रजी व मराठी
- ❑ संपूर्ण कार्यशाळेची फी रुपये १००/- मात्र
- ❑ संपूर्ण कार्यशाळेदरम्यान उपस्थिती आवश्यक असेल.
- ❑ संयोजकाकडून राहण्याची अथवा जेवणाची कुठलीही व्यवस्था केली जाणार नाही.
- ❑ सदरील कार्यशाळेमध्ये शिकविला जाणारा अभ्यासक्रम विद्यापीठाच्या संकेतस्थळावर (<https://srtmun.ac.in/en/skill-development-centre.html>) दिलेला आहे.

:: फॉर्म भरण्याची शेवटची तारीख : दि. २०.०२.२४ पर्यंत ::

सदरील कार्यशाळेचा प्रवेश फॉर्म स्पर्धा परीक्षा केंद्र किंवा भूशास्त्र संकुल, स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड या ठिकाणी उपलब्ध आहे. सदर प्रवेश फॉर्म पूर्णपणे भरून फी रु. १००/- भरल्याच्या पावतीसह दि. २०.०२.२०२४ पर्यंत जमा करावा आणि सर्व इच्छुक विद्यार्थ्यांनी आपला प्रवेश निश्चित करावा.

Dr. Avinash Kadam
Director

Dr. Yogesh P. Lolage
Organising Secretary

:: संपर्क :: श्री. गणेश पवार 91759 44434 ::

Ten days National Workshop on NET SET General Paper

२२ फेब्रुवारी २०२४ ते २ मार्च २०२४

अभ्यासक्रम

Topics to be Covered during the Workshop:

Unit-I Teaching Aptitude

- 1) Teaching: Concept, Objectives, Levels of teaching (Memory, Understanding and Reflective), Characteristics and basic requirements.
- 2) Learner's characteristics: Characteristics of adolescent and adult learners (Academic, Social, Emotional and Cognitive), Individual differences.
- 3) Factors affecting teaching related to: Teacher, Learner, Support material, Instructional facilities, Learning environment and Institution.
- 4) Methods of teaching in Institutions of higher learning: Teacher centred vs. Learner centred methods; Off-line vs. On-line methods (Swayam, Swayam Prabha, MOOCs etc.). Teaching Support System: Traditional, Modern and ICT based.
- 5) Evaluation Systems: Elements and Types of evaluation, Evaluation in Choice Based Credit System in Higher education, Computer based testing, Innovations in evaluation systems.

Unit-II Research Aptitude

- 1) Research: Meaning, Types, and Characteristics, Positivism and Post-positivistic approach to research.
- 2) Methods of Research: Experimental, Descriptive, Historical, Qualitative and Quantitative methods, Steps of Research,
- 3) Research ethics.
- 4) Thesis and Article writing: Format and styles of referencing.
- 5) Application of ICT in research.

Unit-III Communication

- 1) Communication: Meaning, types and characteristics of communication, Effective communication:
- 2) Verbal and Non-verbal, Inter-Cultural and group communications, Classroom communication, Barriers to effective communication.
- 3) Mass-Media and Society.

Unit-IV Mathematical Reasoning and Aptitude

- 1) Types of reasoning.
- 2) Number series, Letter series, Codes and Relationships.
- 3) Mathematical Aptitude (Fraction, Time & Distance, Ratio, Proportion and Percentage, Profit and Loss, Interest and Discounting, Averages etc.). Unit-VI Logical Reasoning
- 4) Understanding the structure of arguments: argument forms, structure of categorical propositions, Mood and Figure, Formal and Informal fallacies, Uses of language, Connotations and denotations of terms, Classical square of opposition.
- 5) Evaluating and distinguishing deductive and inductive reasoning.
- 6) Analogies, Venn diagram: Simple and multiple use for establishing validity of arguments.
- 7) Indian Logic: Means of knowledge, Pramanas: Pratyaksha (Perception), Anumana (Inference), Upamana (Comparison), Shabda (Verbal testimony), Arthapatti (Implication) and Anupalabdhi (Non-apprehension).
- 8) Structure and kinds of Anumana (inference), Vyapti (invariable relation), Hetvabhasas (fallacies of inference).

Unit-V Data Interpretation

- 1) Sources, acquisition and classification of Data, Quantitative and Qualitative Data.
- 2) Graphical representation (Bar-chart, Histograms, Pie-chart, Table-chart and Line-chart) and mapping of Data.
- 3) Data Interpretation, Data and Governance.

Unit-VI Information and Communication Technology (ICT)

- 1) ICT: General abbreviations and terminology.
- 2) Basics of Internet, Intranet, E-mail, Audio and Video-conferencing.
- 3) Digital initiatives in higher education.
- 4) ICT and Governance.

Ten days National Workshop on NET SET General Paper

२२ फेब्रुवारी २०२४ ते २ मार्च २०२४

Unit-VII People, Development and Environment

- 1) Development and environment: Millennium development and Sustainable development goals.
- 2) Human and environment interaction: Anthropogenic activities and their impacts on environment.
- 3) Environmental issues: Local, Regional and Global; Air pollution, Water pollution,
- 4) Soil pollution, Noise pollution, Waste (solid, liquid, biomedical, hazardous, electronic),
- 5) Climate change and its Socio-Economic and Political dimensions.
- 6) Impacts of pollutants on human health.
- 7) Natural and energy resources: Solar, Wind, Soil, Hydro, Geothermal, Biomass, Nuclear and Forests.
- 8) Natural hazards and disasters: Mitigation strategies.
- 9) Environmental Protection Act (1986), National Action Plan on Climate Change,
- 10) International agreements/efforts -Montreal Protocol, Rio Summit,
- 11) Convention on Biodiversity, Kyoto Protocol, Paris Agreement, International Solar Alliance.

Unit-VIII Higher Education System

- 1) Institutions of higher learning and education in ancient India.
- 2) Evolution of higher learning and research in Post-Independence India.
- 3) Oriental, Conventional and Non-conventional learning programmes in India.
- 4) Professional, Technical and Skill Based education.
- 5) Value education and environmental education, Policies, Governance, and Administration.

:: NOTE ::

An attempt will be made to cover maximum topics from the above syllabus.

***** * *****