



Deemed University,
Under Distinct Category

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH

Shamla Hills, Bhopal-462002
(Ministry of Education, Govt. of India)

Revised Syllabus for Ph.D. Entrance Test
(Technical Vocational Education Research)

Max. Marks: 50

All units have equal marks

UNIT 1: Introduction to Education System & Policies	Overview of Higher Education System in India, National Education Policies, National Education Policy (NEP) 2020, National Higher Education Qualification Framework (NHEQF), National Curriculum Framework for Teacher Education (2009), Outcome-Based Education, National Policy on Skill Development and Entrepreneurship (NPSDE-2015) and Overview of Start-up Policies
UNIT 2: Technical and Vocational Education and Training (TVET)	Introduction to Vocational Education, Policy and Governance in Vocational Education, Status and Challenges of TVET Education in India, National Skills Qualifications Framework (NSQF), National Credit Framework (NCrF -2023) and Overview of Entrepreneurship Development, National Council for Vocational Education and Training (NCVET) and Tracer study of graduates, overview of industry-academia linkages.
UNIT 3: Promoting Skill Development	Introduction to Skill Development, Emerging trends, Skill Gaps and Workforce Demands for IR 4.0, Models of skill developments, Overview of Skill Development Programs, Overview of Sector Skill Council (SSC), National Skill Development Corporation (NSDC) in India, Board of Apprenticeship Training (BOAT), National Apprenticeship Training Scheme (NATS).
UNIT 4: Designing Technical and Vocational Programme	Vocational Programme- Need assessment and analysis, Curriculum Design & Development, Learning Outcomes, Content Design and Instructional Material Development, Technology Enabled Learning & Digital Tools, Technical and Vocational Program Implementation and Skill Assessment Methods, Academic Bank of Credits (ABC).
UNIT 5: Quality Assurance in TVET	Overview of Quality Assurance in TVET, Quality Performance Indicators, functions, roles, and initiatives, National Assessment Accreditation Council (NAAC), National Board of Accreditation (NBA), Quality Council of India (QCI), ABET.

Note:

All provisionally eligible candidates to be invited for an interview based on the PhD Entrance Examination results are advised to bring a PowerPoint presentation of the Statement of Purpose (SOP) submitted alongwith the PhD application under Category 2.