

**B.31) TRADITIONAL INDIAN KNOWLEDGE AND SKILLS (TIKS)  
[Centre for Traditional Indian Knowledge and Skills ( CTIKS)]**

**- New Programme from the AY.2026-27**

The Centre for Traditional Indian Knowledge and Skills (CTIKS) is dedicated to the rigorous study, reconstruction, and contemporary application of India's scientific and artisanal knowledge traditions. The current research areas and the corresponding eligibility criteria are given below.

**ELIGIBILITY FOR ADMISSION**

First Class or 60% marks (55% marks for SC/ST), as specified in the General Eligibility Criterion, in the qualifying degree. **The qualifying degree for each area of specialization is given below.**

- **Indian Mathematics and Astronomy (IKS1)**
  - (i) M.Tech./M.E. or equivalent degree in Engineering / Technology
  - OR
  - (ii) MBA or equivalent degree (with B.Tech. / B.E. or equivalent degree)
  - OR
  - (iii) B.Tech. / B.E. or equivalent degree in Engineering / Technology
  - OR
  - (iv) B.S. (4-year) degree in Mathematics / Physics
  - OR
  - (v) M.Sc. or equivalent degree in Mathematics / Physics

Candidates with qualification listed in (iii), (iv) or (v) must also fulfil ONE of the following additional requirements (Refer to section A.5 of this brochure for exemptions):

- a) a valid GATE score
  - b) Selected through National Eligibility Test – UGC NET including lectureship (Assistant Professorship)
  - c) Selected through a National level examination conducted by MoE or its agencies / Institutions such as UGC/ IIT/ IISc./ IIIT etc.
  - (d) Selected provisionally for the DST-INSPIRE Fellowship (provisional award letter to be produced)
  - e) Minimum of TWO years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought)
- Reasonable familiarity with Sanskrit is desirable.*

- **Linguistics and Language Technology (IKS2)**  
M.A. in Sanskrit / Prakrit / Pali / Sanskrit Linguistics AND

Selected through National Eligibility Test – UGC NET including lectureship (Assistant Professorship)

*Familiarity with Python programming language, competence in traditional knowledge explicitly displayed by clearance of exams (like that of the Vedashastrottejaka Sabha, Pune, for example) is desirable.*

- **Yoga and Wellness Science (IKS3)**  
Qualifying degree requirements are the same as those specified in the general eligibility criteria.

*Post Graduate Degree or Equivalent in Psychology or Management or Yoga is desirable.*

- **Ancient Water Management Systems (IKS4)**

M.Tech./M.E. or equivalent degree in Hydrology and Water Resources Engineering / Irrigation Water Management / Architecture / Agricultural Engineering

*Background in Epigraphy, manuscriptology, and archaeology is desirable.*

- **Heritage Structure Conservation (IKS5)**

M.Tech./M.E. or equivalent degree in Geotechnical Engineering / Construction Technology / Structural Engineering / Construction Materials / Conservation

- **Indian Financial and Business Models (IKS6)**

Qualifying degree requirements are the same as those specified in the general eligibility criteria.

Candidates applying to Centre for Traditional Indian Knowledge and Skills are required to submit a statement of purpose with the application in the specified format in which the titles of topics of candidate's interest should be mentioned with a detailed justification how the candidate's academic background is suitable to pursue research in that area.

**Note: Criteria for awarding Teaching Assistantship and other application categories are as per the guidelines mentioned in section A.6 of this Brochure**