Detailed Project Report (DPR) to be submitted by state/UT governments to the MHRD, Government of India for the establishment of a IIIT in their state/UT under the twenty new IIIT scheme

1. **The need for a IIIT in the state**
   a. Please describe whether the proposed IIIT is being suggested to meet the current and future demands of the IT industry in the state. Provide some back ground data on existing IT industry (number, total turnover, structure (large, medium, small) , people employed, nature of work hardware/software , services/product) , export earnings , location clusters if any, geographic dispersal within state)
   b. If there is no significant IT industry in the state , is the proposed institute being seen as a catalyst that would seed a faster growth of IT industry? Please provide the IT policy or industry policy of the state regarding encouraging IT industry (software technology parks, hardware technology parks, fiscal concessions, land procurement, government purchase preference , strategy to increase IT exports etc)
   c. Or is this being seen as providing an opportunity for the youth of the state to learn and then find work outside the state (either within India or abroad) . Please provide a demographic profile, number of students in high school, likely demad for IT educations in the next five years etc

2. **The Setting**
   a. Please describe technical education scenario in the state . Numbers of Central institutes (IIT, NIT), state universities and colleges under state government, private engineering colleges, deemed universities with IT courses (IT here would include Electronics Engineering, Communication Engineering, Computer Science, Information science, Information Technology or a combination of any of these),
   b. Please provide information on number of students aspiring for IT education (writing JEE, AIEEE, state level entrance exam, other entrance exams), number of seats currently available in undergraduate, post graduate and doctoral programme within the state , number of seats not being filled up
   c. Describe quality of education as obtained now (list NACC or NBA accredited institutions with category of accreditation, placement statistics , number of students from within the state attempting GATE and their performance etc)
   d. Provide information on curriculum and course development in existing institution, how often they get updated
   e. Describe Academia- Industry interaction as present now (MOUs signed, industry sponsorship to educational institution's research, scientific conferences , student scholarship, consultancy and technology transfer programmes,)
   f. Describe existing innovation ecosystem in the academic institutions (incubator programmes, start up support, venture capital support, common infrastructure for prototype development and testing etc)
   g. Describe the ongoing continuing education programmes in the academic institutions of the state in the IT sector to provide training and knowledge to working professionals.

3. **The Justification**
   a. List reasons for proposing a new institute instead of strengthening an existing institute
   b. What are the strategies to make the institute self sustaining within five years .
   c. How will you ensure highest international standards in delivering programmes ? what will be the mix of (a) input control (rigorous student selection, rigorous faculty selection) (b) output control (rigorous assessments , tougher expectations on the faculty) and (c) creating a demand pull for good quality in industry
   d. Do you think that this institute will positively impact other institutions in the state and how will the government enable that

4. **The Location**
   a. Give details on location . (Land availability, climate, water availability in the campus, terrain, land cover, etc)
   b. What facilities are available within 10 and 20 kilometres from the location (schools, colleges, hospitals, shopping centres, hotels/restaurants, recreational facilities, public libraries, religious places)
   c. Is the land owned and in possession of the Government?
   d. How close is the location to an industrial cluster? How many industries are there in that cluster.
   e. Accessibility; nearest airport, railway station, bus stand , the classification of the road leading to the location from these points (NH, SH, rural , arterial, major etc) ; public transport availability (city bus service , train services etc)

5. **Partners in the Consortium**
   a. Give details on the partners (names , public/private, nature of business, listed/unlisted, turnover, evidence of interest in educational activities, amount willing to contribute to corpus, etc)
   b. Apart from contributing to the corpus, do they plan to interact with the institution in more ways (recruitment, joint research, scholarships, awards, sponsored research, incubation, internship, etc)
   c. Would they want a say in the institute's financial and academic governance ? If yes, how.

6. **Role of State Government**
   a. Describe how the state government would continue its association with the institute .
   b. Apart from contributing to the corpus and providing land , does the state government plan to interact with the institution in more ways (recruitment, joint research, scholarships, awards, sponsored research, incubation, internship, etc)
   c. Would the government want a say in the institute's financial and academic governance ? If yes, how

7. **Academic Programmes**
   a. Please describe the academic programmes being planned for the first five years . Certificate, Diploma, undergraduate, post graduate and research programmes. Please indicate the number of programmes in each category, when will they start(phasing of introduction) , intake (will the intake increase year by year)

b. How will the students for each programme will be selected ? (entrance tests, policies regarding reservations, sons of the soil etc)

c. Faculty recruitment policies (only Ph.D, policies regarding reservation, sons of the soil etc)

d. Fee structure and the basis for fee fixation and fee revision

e. Scholarships , sources, methods of awarding

8. **Educational Outreach Programmes**

a. Will there be programmes for working professionals ? if yes, when will they be introduced ? nature of programmes(certificate, diploma etc) , how will the students be selected and intake numbers

b. Will there be short term skill development programme sfor currently unemployed youth ? If yes, details thereof

c. Do you plan to offer programme sin distance education mode? If yes, details

9. **Industry collaboration**

a. Your plans for industry collaboration (consultancy, sponsored research etc)

b. Do you think that this activity can, in five years become a significant net revenue earner for the institute ?

10. **Innovation Promotion**

a. Do you plan to promote innovation in the institute and in the regions (incubators, start up support, entrepreneurship education, VC meets , etc)

b. How will you finance this activity? When will it become self sustaining?

11. **Governance Structure**

a. Legal form of the organisation (registered society, registered charitable trust, sec 25 company , any other) and advantages of the chosen form

b. Who will the members of the general body in case of registered society , initial trustees in case of trust or share holders in case of sec 25 company

c. Governing board constitution and duration of the membership

d. Reconstitution of governing board and its bodies

e. Powers of the governing board

f. Director : method of selection, duration of appointment and powers

g. Academic bodies (Senate, board of studies, and other committees) : how will they be constituted and powers and responsibilities

h. Applicability of RTI act

12. **Financial Model**

a. Capital expenditure (buildings including hostels, estate development, laboratory equipment and other infrastructure power , water and communication) year by year for next ten years

b. Operating expenditure (faculty/staff salaries , perks, academic expenses (library, lab material , etc), power , water , infrastructure maintenance) year wise for nest ten years

c. Sources and amount of income year wise for ten years
    i. Student fees
    ii. Income from facilities (hostels, auditorium etc)
    iii. Net income from outreach

   iv. Income from sponsored research, consultancy
   v. Income from innovation and enterprises
   vi. Other incomes
 d. Break even analysis
 e. Cash flow for ten years , year by year
 f. Will the institution borrow money , if so when, how much and how will it repay
 g. Corpus building : target corpus at the end of first , third, fifth and tenth year . sources for corpus and how corpus will be invested/used

13. **SWOT analysis**
 a. Please provide your perception of your(state's) strengths , weaknesses, and the opportunities . Please classify your threats/risks in to destructive (if it happens the institute will collapse) , disabling (some major setback, but institute can still run) and discomforting. Describe your preparedness to face destructive risks.
 b. Describe your vision for the institute and how will your strengths will achieve this vision
 c. Describe a post ten year scenario

14. **How will this institute contribute to India's development**
 a. Envision institute's impact on the IT industry, other industry and economic growth
 b. Will it help India to move up the IT value chain
 c. How will it bridge the digital divide

15. **Any other information you want to provide in support of your proposal.**