# Peer Team Report on Institutional Accreditation of International Institute of Information Technology (Deemed University)

**Place:** Hyderabad; **PIN:** 500032, **State:** Telangana

## Section I: General Information

### 1.1 Name & Address of the Institution:

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (DEMMED UNIVERSITY), HYDERABAD- 500032, TELANGANA

### 1.2 Year of Establishment:

1998

### 1.3 Current Academic Activities at the Institution (Numbers):

- **Faculties/Schools:** Nil
- **Departments/Centers:** 30
- **Programmes/Courses offered:** UG:2; PG:5; Integrated Masters:6, M. Phil:1 Ph.D:9; M.S. by Research:7 Total = 30
- **Permanent Faculty Members:**
  - Total: 67  
    - M = 52;  
    - F = 15
- **Permanent Support Staff:**
  - Total: 68
- **Students:**
  - Total: 1696;  
    - M = 1341;  
    - F = 355;

### 1.4 Three major features in the institutional context (As perceived by the Peer Team):

- Offers trans-disciplinary programmes
- Emphasis on entrepreneurship
- Research oriented courses

### 1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):

10 to 12th April, 2017 (Visit Schedule attached)

### 1.6 Composition of the Peer Team which undertook the on-site visit:

- **Chairperson:** PROF. SANDEEP SANCHEKI
- **Member - Co-ordinator:** PROF. M. R. PRANESH
- **Members:**
  - PROF. SANKAR K GHOSH
  - PROF. ATAL CHAUDHURI
  - PROF. KARMESHU
  - PROF. PRATOSH BANSAL
<table>
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<tr>
<th>Section II: CRITERION WISE ANALYSIS</th>
<th>Observations (Strengths and/or Weaknesses) on Key-Aspects</th>
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<tr>
<td><strong>2.1 Curricular Aspects:</strong></td>
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| 2.1.1 Curriculum Design and Development: | • Emphasis on research based curriculum  
                                              • Inadequate focus on practice/experimental work in certain courses  
                                              • Curriculum planning is not through proper academic bodies |
| 2.1.2 Academic Flexibility:          | • Dual degree programme and integrated programmes are offered  
                                              • Interdisciplinary/trans-disciplinary courses are promoted  
                                              • Some of degrees offered are not in conformity with UGC norms |
| 2.1.3 Curriculum Enrichment:         | • Wide spectrum of elective courses are offered  
                                              • Courses offered have inbuilt IT orientation  
                                              • Infrequent curriculum/course revision |
| 2.1.4 Feedback System:               | • Student feedback collected at the end of the semester through an online process  
                                              • Inadequate feedback analysis and corrective measure  
                                              • Lack of participation of industry representatives |
| **2.2 Teaching-Learning & Evaluation:** |                                                          |
| 2.2.1 Student Enrolment and Profile: | • Sought after institution for all programs attracting high rank students  
                                              • Attracting NRI/Foreign students under DASA  
                                              • Good PG and Ph D enrolments |
| 2.2.2 Catering to Student Diversity: | • Students from all over India admitted  
                                              • Inadequate representation of girls/socially weaker sections  
                                              • Orientation/induction programs etc. are organized |
| 2.2.3 Teaching-Learning Process:     | • Use of e-learning resources and MOODLE is integrated in teaching learning process  
                                              • Counseling and Mentor Mentee practice not in place  
                                              • Use of MOOCs and NPTEL promoted |
2.2.4 Teacher Quality:
- Most of the faculty have PhD degree and some with international exposure
- Number of well qualified adjunct and visiting faculty
- Cadre ratio and Student/Teacher ratio are not properly maintained

2.2.5 Evaluation Process and Reforms:
- Continuous semester based evaluations
- Credit and grade based evaluations are in place
- Evaluation process is not well defined in certain courses

2.2.6 Student Performance and Learning Outcomes:
- Pass percentage and student performance is fairly good
- Placement performance is good, however the support system needs improvement
- Outcome based teaching learning process not properly defined

2.3 Research, Consultancy & Extension:

2.3.1 Promotion of Research:
- Institute promotes research at various levels
- Research oriented terminal degree programs are offered
- Academic structures are research centre oriented

2.3.2 Resource Mobilization for Research:
- Number of sponsored research projects from national/international agencies and industries
- Participation in nationally coordinated projects
- Industry supported laboratories established

2.3.3 Research Facilities:
- High end equipment available in certain specialized areas
- Use of Open Source Software is promoted
- Application Software and Information Resources need augmentation

2.3.4 Research Publications and Awards:
- Number of publication in reputed journals is good
- Faculty and research students have received recognition through awards
- Internal reward system not in place

2.3.5 Consultancy:
- Official policy for consultancy is in place
- Limited number of faculty involved in consultancy
- Reasonable earnings through consultancy

2.3.6 Extension Activities and Institutional Social Responsibility:
- Socially relevant scheme of product development like eSagu undertaken
- Less emphasis on industrially relevant activities
- Open Houses and NSS supported activities are a regular feature
### 2.3.7 Collaboration
- Good number of MoUs and collaborations in place
- Some industry supported laboratories have been established
- Faculty and Students are encouraged to participate in collaborative activities

### 2.4 Infrastructure and Learning Resources:

#### 2.4.1 Physical Facilities:
- Sufficient land, building and general physical infrastructure
- Campus is not fully physically challenged friendly
- Sufficient computing facilities

#### 2.4.2 Library as a Learning Resource:
- Adequate budgetary allocation
- Library advisory committee is non functional
- Relevant number of e-journal subscribed but e-books are not subscribed

#### 2.4.3 IT Infrastructure
- Wi-Fi enabled campus with good bandwidth under NKN
- In house High Performance Computing support
- Adequate computing resources available

#### 2.4.4 Maintenance of Campus Facilities:
- Sufficient budgetary provision
- Outdoor sports facilities needs augmentation
- Though general upkeep is good but some building needs proper maintenance

### 2.5 Student Support and Progression:

#### 2.5.1 Student Mentoring and Support:
- Fee waiver for PG and Ph D students
- Research, industrial and teaching assistantships are offered
- Alumni helps economically weaker students

#### 2.5.2 Student Progression:
- Dropout rate is negligible
- Good track record of success in competitive examinations and higher studies
- Well performing students are offered honors program

#### 2.5.3 Student Participation and Activities:
- Student parliament and number of clubs are functional
- Students encouraged for extra-curricular and co-curricular activities
- Lack of representation in academic and administrative bodies
## 2.6 Governance, Leadership and Management:

### 2.6.1 Institutional Vision and Leadership:
- Well defined vision, mission and goals
- Ineffective delegation of administrative/financial power
- Governing body has representation of prominent experts

### 2.6.2 Strategy Development and Deployment
- Strategic plan has been formulated
- Grievance redressal, disciplinary committee and anti-sexual harassment committee are not very effective
- Properly defined organizational structure

### 2.6.3 Faculty Empowerment Strategies:
- Provision of professional development allowances
- Promotion policy is not transparent
- Faculty supported for enhancing professional qualifications

### 2.6.4 Financial Management and Resource Mobilization:
- Proper budgeting and financial planning is practiced
- Corpus fund and reserves yet to be created
- Adequate financial resource generation for self sustenance

### 2.6.5 Internal Quality Assurance System:
- Quality policy has not been formalized
- IQAC is yet to start functioning
- Academic audits have not been conducted

## 2.7 Innovations and Best Practices:

### 2.7.1 Environment Consciousness:
- Water recycling, water conservation efforts and STP are not visible
- Efforts regarding energy saving initiated
- Use of bicycle is promoted for in campus movement

### 2.7.2 Innovations:
- Promotion of research in UG programs
- Active promotion for Innovation and entrepreneurship development
- Multi-tier program

### 2.7.3 Best Practices:
- Focus on IT Orientation in all its core activities
- C³ concept for learners
- Seed grant for new faculty
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<tr>
<th>Section III: OVERALL ANALYSIS</th>
<th>Observations (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each)</th>
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</thead>
</table>
| 3.1 Institutional Strengths:   | • Research Oriented Programmes  
                                 • Located in IT hub of the country  
                                 • Ability to attract high performing students  
                                 • Good performance in placement  
                                 • Good research facility and resource mobilization  |
| 3.2 Institutional Weaknesses:  | • Nomenclature of some programmes not as per UGC norms  
                                 • Poor faculty student ratio as well as cadre ratio  
                                 • Structure of academic bodies not well defined  
                                 • Inadequate representation of laboratory based course in certain programmes  
                                 • Student scholarship and representation of weaker section  |
| 3.3 Institutional Opportunities: | • Delegation and decentralization  
                                • Enhancing student enrollment  
                                • Improving IPR and patenting  
                                • Involving industries in curriculum planning and delivery  
                                • Strengthening of IQAC and quality related activities  
                                • Scaling up the external research funding and consultancy activities  |
| 3.4 Institutional Challenges:  | • Resources for physical expansion  
                                • Undertaking the socially relevant programmes  
                                • Attracting and retaining quality faculty  
                                • Development and deployment of a proper strategic plan  
                                • Continuously augmenting research, innovation and learning resources  
                                • Adaptation to fast changing scenario of higher education  |
Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to ten major ones and use telegraphic language)

(It is not necessary to indicate all the ten bullets)

- To clearly define administrative bodies, its constitution and functional framework
- To constitute required statutory academic bodies and felicitate their functioning
- Strategic plan and its implementation
- To fill up vacant faculty positions
- To strengthen areas of natural sciences, particularly mathematical sciences by recruiting faculty
- To enhance solar energy utilization, rain water harvesting and waste water management system
- To adapt policies to attract talented students from socially and economically weaker section
- Future construction of infrastructure to be planned and constructed to cater the needs of differently abled persons
- To make IQAC fully functional
- Training & Placement Cell support to be augmented
- To establish research centre in new emerging areas

I agree with the observations of the peer Team as mentioned in this report.

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<tr>
<th>S No</th>
<th>Name</th>
<th>Designation</th>
<th>Signature</th>
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<tbody>
<tr>
<td>1</td>
<td>Prof. Sandeep Sancheti</td>
<td>Chairperson</td>
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<tr>
<td>2</td>
<td>Prof. M R Pranesh</td>
<td>Member Co-ordinator</td>
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<td>3</td>
<td>Prof. Sankar K Ghosh</td>
<td>Member</td>
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<td>5</td>
<td>Prof. Karmeshu</td>
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<td>6</td>
<td>Prof. Pratosh Bansal</td>
<td>Member</td>
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<td>7</td>
<td>Dr. M. S. Shyamasundar</td>
<td>NAAC Co-ordinating Officer</td>
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Place: HYDERABAD
Date: 12.4.2017