# Peer Team Report

**on**

**Institutional Accreditation**
**(Cycle-I)**

**of**

***Vidya Jyothi Institute of Technology***

***Aziz Nagar Gate, Himayath Nagar Village, C.B.Post, Hyderabad-500075 Telangana.***

Visit date: March 10-12, 2016

**National Assessment & Accreditation Council**
**Jnana Bharthi, P.O. Box No. 1075, Nagarbhavi**
**Bangalore – 560 072**

# Format of the Peer Team Report
# on
# Institutional Accreditation
# of
# Vidya Jyothi Institute of Technology,

# Place: Hyderabad 500075, State: Telangana.

| Section I: General | Information |
|---|---|
| 1.1 Name & Address of the Institution: | Vidya Jyothi Institute of Technology<br>Aziz Nagar Gate, C.B.POST, Himayath Nagar Village, Hyderabad, Telangana. |
| 1.2 Year of Establishment: | 1998 |
| 1.3 Current Academic Activities at the Institution (Numbers) | |
| Faculties/ Schools: | Engineering & MBA |
| Departments/ Centres: | 02 |
| Programmes/ Courses offered: | UG [06]; PG [09] |
| Permanent Faculty Members: | 305 |
| Permanent Support Staff: | 139 |
| Students: | 3905 |
| 1.4 Three major features in the institutional Context (As perceived by the Peer Team): | • Good number of committees and activities.<br>• DRDO Project in Physics Research.<br>• Teachers training by outside agencies. |
| 1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure): | March, 10-12, 2016 |
| 1.6 Composition of the Peer Team which undertook the on- site visit: | |
| Chairperson | Prof. Harsh Vardhan Tiwary<br>[Former VC & Former Chairman, State Regulatory Commission, M.P.]<br>Gyana Parisar, P.O. Ravishankar University, Raipur. |
| Member Coordinator | Prof. V. Bhadrayu Vinayak<br>[Former Director: Academic Staff College]<br>504, Samarthya Heights, Satellite, Ahamedabad. |
| Member | Prof. B. S. Thandaveswara<br>[Former Prof. IIT Madras]<br>108, Skylark Topaz Apt., Near BEML Hospital, Bengalore. |
| NAAC Officer | Dr. M.S. Shyamasundar |

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| Section II: CRITERION WISE ANALYSIS | Observations (Strengths and/or Weakness) on key-aspects (Please limit to three major ones for each and use telegraphic language.) (It is not necessary to indicate all the three bullets each time; write only the relevant ones.) |
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| **2.1 Curricular Aspects:** | |
| 2.1.1 Curricular Planning and Implementation: | • University Curriculum is implemented.<br>• Faculties are members of BoS of affiliating university.<br>• Academic Calendar of University followed. |
| 2.1.2 Academic flexibility: | • Effective curriculum delivery and transactions.<br>• Additional lab hours.<br>• Awareness programme for higher studies.<br>• Faculties getting support for effective teaching practices. |
| 2.1.3 Curriculum Enrichment: | • Educational tours and field projects for students.<br>• Guest lectures are arranged.<br>• Learning material (handouts) is provided.<br>• Quality monitoring of enrichment programmes is yet to be developed. |
| 2.1.4 Feedback System: | • Feedback on courses by students.<br>• Formal feedback system exists.<br>• The Institute needs to develop follow up exercise on feedback. |
| **2.2 Teaching Learning and Evaluation:** | |
| 2.2.1 Student Enrolment and Profile: | • The admissions process is transparent.<br>• Inclusive admission policy catering to diverse groups.<br>• Sanctioned intake is not fully occupied in MBA, IT. |
| 2.2.2 Catering to Student Diversity: | • Orientation programme for freshers.<br>• English Language lab, Interactive communication lab are established.<br>• Remedial / tutorial classes for slow learners. |
| 2.2.3 Teaching- Learning Process: | • More value added short term courses to be introduced.<br>• Systematic Lesson planning needs to be implemented.<br>• Model rooms, additional lab experiments.<br>• Indo US Collaboration for Engineering Education and IIIT Enhance Education. |
| 2.2.4 Teacher Quality: | • Workshops / FDPs/certification course/GENTLE.<br>• Well laid procedure for recruitment of faculty.<br>• The Institute has adequate and qualified faculty. |
| 2.2.5 Evaluation Process and Reforms: | • As per university procedure.<br>• Mentoring for students.<br>• Two mid- term examinations.<br>• MOUs for training. |
| 2.2.6 Student Performance and learning Outcomes: | • Scope for improvement in results .<br>• STEM based training.<br>• Grievance Redressal Committee exists. |

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## 2.3 Research, Consultancy & Extension:

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| **2.3.1 Promotion of Research** | • DRDO research centre –Rs. 50 lakhs and projects from UGC.<br>• Encouragement to faculty to register for Ph.D.- study leave and reduced teaching work load is there.<br>• Research and Development Cell & College Research Committee (CRC) prevails.<br>• 14 faculty from Engineering out of total 22 faculty, have registered for Ph.D.<br>• Around 4% faculty (Seniors) are involved actively in research. |
| **2.3.2 Resource Mobilization for Research:** | • Annually about Rs 10 lakhs for R&D including for travel. research incentives for publishing.<br>• Rs1.5 lakhs from Dexter Labs for developing Software Product Development.<br>• The Institute needs to take special efforts to encourage faculty for patents. |
| **2.3.3 Research Facilities:** | • Three faculty members eligible to guide Ph.D. students.<br>• Visible improvement in infrastructure to facilitate research. |
| **2.3.4 Research Publications and Awards:** | • Incentives for publications and up gradation of qualification.<br>• Notable contribution for research publication.<br>• Students are encouraged for research incentive. |
| **2.3.5 Consultancy:** | • Consultancy should be enhanced.<br>• Significant efforts are needed for consultancy. |
| **2.3.6 Extension Activities and Institutional Social Responsibility:** | • Helps in conducting online exams as good practice.<br>• Industry Interaction Cell.<br>• HITA, AKRODH, AVASHAH - Hands that Help.<br>• Need based extension progrmames are organized. |
| **2.3.7 Collaborations:** | • Some students' projects such as solar energy applications, health related Design and fabrication of seeds sowing cum fertilizer machine, Paralysis prosthetic hand are good.<br>• Institutional collaborations are visible.<br>• Entrepreneurship Development cell (EDC). |

## 2.4 Infrastructure and Learning Resources:

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| **2.4.1 Physical facilities:** | • Adequate infra structure.<br>• Labs and classrooms for UG as per university requirement.<br>• No Hostel, No Staff quarters.<br>• Adequate facility of teaching – learning. |
| **2.4.2 Library as a Learning Resource:** | • e-resources are visible.<br>• Department libraries. OPAC, Internet band width in the library with good stock of e-books. |

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| | • Effective resource utilization is yet to develop. |
| **2.4.3 IT Infrastructure:** | • 12mbps connectivity BSNL/PIONEER<br>• Wi-Fi facility with 300 Mbps and 1GB speed within the college campus.<br>• 20 Mbps broad band leased line - 4 Mbps<br>• 1100+ computers are available. |
| **2.4.4 Maintenance of Campus Facilities:** | • 11 UPS in different capacities with Total Capacity of Power Backup : 151 KVA<br>• Campus maintenance is good.<br>• Budgetary provisions are made for campus maintenance. |
| **2.5 Student Support and Progression:** | |
| **2.5.1 Student Mentoring and Support:** | • Mentoring system in place, but needs to be strengthened.<br>• Training and placement services are available.<br>• Adequate student support for presentation at International level. |
| **2.5.2 Student Progression:** | • Good placement Through college<br>• Very small percentage for higher studies.<br>• Tie up High-tech automation<br>• The Institution has track record of student progression. |
| **2.5.3 Student Participation and Activities:** | • Participation in sports, cultural and societal activities and in paper presentation.<br>• Co-curricular and extra- curricular activities, like PHOENIX Tech fest<br>• Annual Alumni meetings<br>• Student representatives in departmental committees.<br>• Feedback from students is a good practice. |
| **2.6 Governance, Leadership and Management:** | |
| **2.6.1 Institutional Vision and Leadership:** | • Ambitious vision in place and practice.<br>• The Chairman is the functional head of the college. The Secretary& Correspondent is the chief executive of the College.<br>• The Institution practices participative management. Recently got Autonomous status.<br>• As Principal is the Chief Academic Administrator, to be empowered for future development. |
| **2.6.2 Strategy development and Deployment:** | • Management role is significant in policy matters<br>• Wide participation in decision making through various committees such as<br>Governing body (GB), College management committee (CMC) College Academic Committee (CAC are in place<br>• Scope of further development in near future. |
| **2.6.3 Faculty Empowerment Strategies:** | • Women empowerment –37% lady staff members.<br>• Yearly staff performance appraisal system in place. Staff is dedicated. |

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| | • Systematic faculty empowerment is required. |
| 2.6.4 Financial Management and Resource Mobilization: | • Funds mainly from management and government's fees reimbursement.<br>• HOD to up to Rs 10000/- to meet the immediate needs of the Department.<br>• Accounts are audited annually.<br>• State and central govt. funds for scholarship. |
| 2.6.5 Internal Quality Assurance System: | • IQAC in position from 09 09 2014.<br>• IQAC tries to encourage research proposals.<br>• IQAC needs to be formalized. |

## 2.7 Innovation and Best Practices:

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| 2.7.1 Environment Consciousness: | • Use of renewable energy, Energy conservation, Tree Planting.<br>• Hazardous waste management in Chemistry laboratory, the e-waste.<br>• Conscious efforts are made for green campus. |
| 2.7.2 Innovations: | • Innovative practices in teaching & learning. Methodology for Engineering Education. |
| 2.7.3 Best Practices: | • Group insurance, EPF etc. for staff support.<br>• All provisions of the University bye-laws, the Statutes and the regulations are observed.<br>• Institute support for deprive students group appreciable. |

| Section III: OVERALL ANALYSIS | 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). |
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| 3.1 Institutional Strengths: | • Strong Physics research group - Projects funded by DRDO and UGC<br>• IUCEE (Indo US Collaboration with Engineering Education) is notable. |
| 3.2 Institutional Weakness: | • Participation in research to be enhanced.<br>• No sponsored research projects of high value in engineering departments.<br>• Inadequate library resources in departments.<br>• Insufficient number of experienced senior teachers in Engineering. |
| 3.3 Institutional Opportunities: | • Potential to grow in consultancy<br>• R&D activities requires to be increased |
| 3.4 Institutional Challenges: | • To develop more departments of frontier in technology attract experienced faculty members with Ph.D. degree<br>• To attract industrial participation<br>• To get funds from sponsoring agencies |

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| Section IV Recommendations for Quality Enhancement of the Institution |
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| **(Please limit to ten major ones and use telegraphic language)** *(It is not necessary to indicate all the ten bullets)* |
| • **Strengthening of research activities in engineering departments.**<br>• **More experienced middle level faculty for research.**<br>• **More efforts to obtain sponsored research projects in engineering departments.**<br>• **Strengthening of consultancy in engineering departments.**<br>• **Higher budgetary provision for library and laboratory development.**<br>• **Enhancement in Cadre Ratio.**<br>• **Achieve Student –Teacher ratio as 15:1.**<br>• **Strengthen PG programs, Boys Girls Hostel and Staff quarters should be in priority.**<br>• **Training of the faculty members to enhance quality.**<br>• **Identifying the teachers for post PG programmers.**<br>• **Nurturing of the Mechanical, Civil engineering departments.**<br>• **Scope for improving the Campus placement.**<br>• **Put efforts to get enrollment for sanctioned intake in IT and MBA.** |

**I agree with the Observations of the Peer Team as mentioned in this Report.**

**Signature of the Head of the Institution**

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY CB POST HYD. 75

PRINCIPAL
Vidya Jyothi Institute of Technology,
Himayatnagar (Vill), C.B. Post
Hyderabad-500 075.

**Seal of the Institution**

***Signatures of the Peer Team members*:**

| Name | Designation | *Signature with Date* |
|---|---|---|
| **Prof. Harsh VardhanTiwary**<br>[Former VC & Former Chairman, State Regulatory Commission, M.P.]<br>Gyana Parisar, P.O. Ravishankar University, Raipur. | **Chairperson** | 12.3.16 |
| **Prof.V.BhadrayuVinayak**<br>[Former Director: Academic Staff College]<br>504, Samarthya Heights, Satellite, Ahamedabad. | **Member Coordinator** | 12/3/16 |
| **Prof. B. S. Thandaveswara**<br>[Former Prof. IIT Madras]<br>108, Skylark Topaz Apt., Near BEML Hospital, Bengalore. | **Member** | 12/3/16 |
| **Dr.. M.S. Shyamasundar** | **Advisor I/C** | |

**Place: HYDERABAD,**

**Date: March12, 2016.**