

PEER TEAM REPORT

ON

Institutional Accreditation of

**Lendi Institute of Engineering & Technology
Jonnada Village, Denkada Mandal, Vizianagaram
Andhra Pradesh – 535 005**

CYCLE - I

**Dates of visit
25th -27th May, 2017**

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

National Assessment & Accreditation Council

(An autonomous Institution of the University Grants Commission)

**P.O. Box 1075, Nagarbhavi,
Bangalore-560 072.**

PEER TEAM REPORT ON INSTITUTIONAL ACCREDITATION OF LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY Place : Vizianagaram State : Andhra Pradesh	
Section I: GENERAL	Information
1.1 Name & Address of the Institution:	LENDI INSTITUTE OF ENGINEERING & TECHNOLOGY JONNADA VILLAGE, DENKADA MANDAL, VIZIANAGARAM, ANDHRA PRADESH – 535 005
1.2 Year of Establishment:	2008
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties/ Schools:	01
• Departments/ Centres:	05 (ENGINEERING :4; SCIENCE & HUMANITIES :1)
• Programmes/ Courses offered:	UG: 4; PG:2; TOTAL :06
• Permanent Faculty Members:	161
• Permanent Support Staff:	101
• Students:	2356
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> • Good eco-friendly with adequate physical infrastructure established in rural ambience • Good Laboratory facilities • Good stake-holders relationship
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	25th - 27th May 2017 (Visit Schedule is enclosed)
1.6 Composition of the Peer Team which undertook the on- site visit:	
Prof. B.C. Majumdar (Chairperson) (Former Chairman, NBA) 405A, Brooklyn Apts., 63, Banaswadi Main Road, Jai Bharat Nagar, Bangalore – 560 033, Karnataka	Prof. S.K. Chakarvarti (Member) (Former Chairman and Controller of Examination, National Institute of Technology, Kurukshetra) 197-G, Sector -10, DLF, Faridabad – 121 006, Haryana
Prof. V. Rhymend Uthariaraj (Member Co-ordinator) (Former Secretary, TNEA, Govt. of Tamil Nadu, Former Director, RCC, Anna University) Professor, Department of Information Technology, Anna University, Chennai – 600 044, Tamil Nadu	Dr. M.S. Shyamasundar (NAAC Officer) Adviser, NAAC, P.O.Box No:1075, Opp to NLSIU Bangalore University Campus Nagarbhavi, Bangalore – 560 072, Karnataka

Section II: CRITERION WISE ANALYSIS	<i>Observations (Strengths and/or Weaknesses) on Key-Aspects</i>
2.1 Curricular Aspects:	
2.1.1 Curricular Planning and Implementation:	<ul style="list-style-type: none"> • Affiliating University Curriculum and academic calendar followed • Action plan for effective implementation of curriculum exists • College collects suggestions and feedback on curriculum and forward to the BoS of the University
2.1.2 Academic Flexibility:	<ul style="list-style-type: none"> • Semester system of education followed • Being affiliated college academic flexibility is limited • Two Post-graduate programmes introduced during the last five years
2.1.3 Curriculum Enrichment:	<ul style="list-style-type: none"> • Conducts workshops, industrial visits and guest lectures regularly • Additional experiments added in laboratories beyond University Syllabus • English language proficiency classes conducted
2.1.4 Feedback System:	<ul style="list-style-type: none"> • Online feedback collected about teacher's quality and corrective measures taken • Course and College Exit feedback from students taken • Curriculum feedback from other stakeholders including industries need to be strengthened
2.2 Teaching-Learning & Evaluation:	
2.2.1 Student Enrolment and Profile:	<ul style="list-style-type: none"> • Admission process through Andhra Pradesh State Council (APSCHE) Common centralized admission • Students hail from rural area • Student enrolments in under-graduate programmes are good
2.2.2 Catering to Student Diversity:	<ul style="list-style-type: none"> • Orientation programs, Bridge courses, Remedial classes conducted • Mentor – Mentee system practised • Additional laboratory classes and mini projects provided for advanced learners
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> • Course file prepared and maintained • Open educational resources like NPTEL exists • Lecture method is predominantly followed; departments use modern teaching aids.

2.2.4 Teacher Quality:	<ul style="list-style-type: none"> • Around 10 % faculty members with Ph.D. qualification • Teachers provided opportunities to upgrade academic qualifications and encouraged • Student-staff ratio as per norms
2.2.5 Evaluation Process and Reforms:	<ul style="list-style-type: none"> • Evaluation as per University norms • The method of evaluation incorporate both formative and summative mechanism in a balanced way • Grievance redresal mechanism exists
2.2.6 Student Performance and Learning Outcomes:	<ul style="list-style-type: none"> • Academic results of the students' are good • Learning outcome measurements initiated • Low drop out ratio of students

2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> • Research committee exists; University recognized research centre need to be established • Around 16 % of faculty members pursuing Ph.D; Less number of Research Supervisors • Research culture of the institution needs further improvement
2.3.2 Resource Mobilization for Research:	<ul style="list-style-type: none"> • Very limited outside funding for research activities from external agencies • Budget allocation for research by the institution exists • Collaboration with industries and other R&D organizations need to be further augmented
2.3.3 Research Facilities:	<ul style="list-style-type: none"> • Few basic research facilities in collaboration with industries initiated • Computing facilities to address the special research challenges exist • Developing research competence need to be improved in all the departments
2.3.4 Research Publications and Awards :	<ul style="list-style-type: none"> • Faculty participated in seminars/conferences • Some research papers published by faculty; quality and quantity of publications need improvement • Patenting culture need to be initiated
2.3.5 Consultancy:	<ul style="list-style-type: none"> • Consultancy activities initiated in few departments • Institution is yet to tap the potential of the faculty for consultancy • Institution need to develop formal policies for structured consultancy

2.3.6 Extension Activities and Institutional Social Responsibility:	<ul style="list-style-type: none"> • Outreach programmes and extension activities conducted through active NSS unit • Regularly conducted programs to encourage Social responsibility • Different clubs to initiated to identify the hidden talents of the students
2.3.7 Collaborations	<ul style="list-style-type: none"> • Institution established collaboration / interaction with few academic institutions and industries • Student internship activities need to be further strengthened • Some collaborative certificate programs conducted
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities:	<ul style="list-style-type: none"> • Good physical and academic facilities • Facilities for games, sports and other extracurricular activities adequate • Adequate power back-up facilities exist
2.4.2 Library as a Learning Resource:	<ul style="list-style-type: none"> • Good library resources including e-resource available • Digital library with internet facility available • Remote access to e-resources practiced
2.4.3 IT Infrastructure	<ul style="list-style-type: none"> • Campus is Wi-fi enabled with sufficient bandwidth • Good number of computing facility to cater the academic requirements • ICT facilities in all the departments
2.4.4 Maintenance of Campus Facilities:	<ul style="list-style-type: none"> • Upkeep and general maintenance of the campus is good • Necessary budget allocation for maintenance available • Institution maintains safety norms
2.5 Student Support and Progression:	
2.5.1 Student Mentoring and Support:	<ul style="list-style-type: none"> • Slow learners are encouraged through additional coaching • Mentor system support for students exists • Placement cell and career guidance cell exist
2.5.2 Student Progression:	<ul style="list-style-type: none"> • UG to PG student progression around 2%. • Moderate number of on-campus placement records • Pass percentage of the institute is good with good number of First Class grade.

2.5.3 Student Participation and Activities:	<ul style="list-style-type: none"> • Students participate in competitions and cultural activities at various levels • Active alumni and Institution relationship exists • Technical events conduction and participation by students visible
2.6 Governance, Leadership and Management:	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none"> • Committed Management and Governing Council • The Head of the Institution/Departments efficiently monitor the faculty in teaching learning process • Various committees formed for monitoring / coordinating administrative activities
2.6.2 Strategy Development and Deployment	<ul style="list-style-type: none"> • Strategy and perspective planning documents to be evolved • Internal organizational structure defined • IQAC may be strengthened in the formation and monitoring policy on quality process
2.6.3 Faculty Empowerment Strategies:	<ul style="list-style-type: none"> • Faculty encouraged to participate in professional development, conferences and seminars • Yearly self-appraisal of faculty in place • Welfare measures for teaching and non-teaching staff exist
2.6.4 Financial Management and Resource Mobilization:	<ul style="list-style-type: none"> • Financial statements regularly audited • Adequate operational budget for all academic needs exist • Resource Mobilization through various funding agencies and consultancies need to be further strengthened
2.6.5 Internal Quality Assurance System:	<ul style="list-style-type: none"> • IQAC cell started recently • External Academic audit system initiated • International accreditation from HLACTION secured
2.7 Innovations and Best Practices:	
2.7.1 Environment Consciousness:	<ul style="list-style-type: none"> • Eco friendly and well maintained green campus • 200 kVA solar power plant used an alternative energy source • Energy conservation concepts exists
2.7.2 Innovations:	<ul style="list-style-type: none"> • Use of modern technology for developing talents of the students • Students motivated to innovate new ideas through mini projects

2.7.3 Best Practices:	<ul style="list-style-type: none"> • Effective mentoring system • Skill development programs to improve employability
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Section III: OVERALL ANALYSIS	Observations (<i>Please limit to five major ones for each and use telegraphic language</i>)
3.1 Institutional Strengths:	<ul style="list-style-type: none"> • Well maintained physical and laboratory infrastructure • Rigorous teaching-learning processes • Committed faculty and staff • Effective mentoring and counselling systems • Constant endeavour to improve quality
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> • Limited research ambience, facilities and resources • Low consultancy and industrial interaction • Limited senior faculty • Inadequate publication in peer-reviewed and indexed journals • Less networking with funding agencies and other organizations
3.3 Institutional Opportunities:	<ul style="list-style-type: none"> • Enhance research capabilities and infrastructure • Initiate need based academic programmes • Autonomous status • Enhanced Placement and student training activities in much focused way • Initiate Industry Institute Collaborations
3.4 Institutional Challenges:	<ul style="list-style-type: none"> • Retaining and attracting senior faculty • Attracting external funding and consultancy • Motivation for quality research and publications • Introduction of skill based learning initiatives • Attracting more quality students in both post-graduate and under-graduate programmes

Section IV: Recommendations for Quality Enhancement of the Institution

- To establish relevant research laboratories and facilities
- Encourage faculty members to undertake research projects, consultancy and collaboration activities
- Inculcate the research culture with faculty members and motivate to publish more research publications in peer reviewed journals
- The recruitment process needs to be more systematic and transparent
- Strengthening placement opportunities for students in core companies
- Integration of ERP system to be hastened
- Need based job-oriented short term courses as well as new graduate and post graduate courses may be started
- Establishment of incubation centre with industry collaboration in a much focused way
- A strategic perspective plan for the development may be envisaged for a period of 5-10 years with defined milestones
- Alumni Association may be further activated
- To improve the economic viability of students the institution may introduce the projects like “Earn While You Learn Scheme” by initiating more start-up programs

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

Signature of the Head of the Institution
Seal of the Institution

Signatures of the Peer Team Members:

<i>Name</i>	<i>Designation</i>	<i>Signature with date</i>
<i>Prof. B.C. Majumdar</i>	<i>Chairman</i>	
<i>Prof. V.Rhymend Uthariaraj</i>	<i>Member Coordinator</i>	
<i>Prof. S.K. Chakarvarti</i>	<i>Member</i>	
<i>Dr. M.S. Shyamasundar</i>	<i>NAAC Officer</i>	

Place: Vizianagaram

Date : 27-05-2017



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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
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Quality Profile

Name of the Institution : Lendi Institute of Engineering and Technology

Place : Jonnada, Vizianagaram, Andhra Pradesh

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point ($Cr\ WGP_i$)	Criterion-wise Grade Point Averages ($Cr\ WGP_i / W_i$)
I. Curricular Aspects	100	300	3.00
II. Teaching-Learning and Evaluation	350	1000	2.86
III. Research, Consultancy and Extension	150	450	3.00
IV. Infrastructure and Learning Resources	100	380	3.80
V. Student Support and Progression	100	290	2.90
VI. Governance, Leadership & Management	100	310	3.10
VII. Innovations and Best Practices	100	290	2.90
Total	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (Cr\ WGP_i) = 3020$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr\ WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3020}{1000} = \boxed{3.02}$$

Grade = A

Date : June 09, 2017



D. Singh
Director

- This certification is valid for a period of Five years with effect from June 09, 2017
- An institutional CGPA on seven point scale in the range of 3.76 - 4.00 denotes A⁺⁺ grade, 3.51 - 3.75 denotes A⁺ grade, 3.01 - 3.50 denotes A grade, 2.76 - 3.00 denotes B⁺⁺ grade, 2.51 - 2.75 denotes B⁺ grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer