
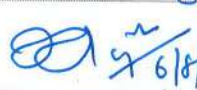

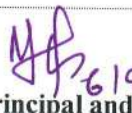


Profile of the College

| | | | |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------|
| Name of the College | Sinhgad Institute of Technology, Lonavala | | |
| | Place: Lonavala | State: Maharashtra | |
| Date of visit | 4 th – 6 th August 2016 | | |
| Affiliating University | Savitribai Phule Pune University, Pune | | |
| Status of the College | Affiliated : <input checked="" type="checkbox"/> Constituent: <input type="checkbox"/> Autonomous: <input type="checkbox"/> | | |
| Financial Category | Grant-in-aid <input type="checkbox"/> Government funded <input type="checkbox"/> Self-financing <input checked="" type="checkbox"/> | | |
| Type of College | Men <input type="checkbox"/> Women <input type="checkbox"/> Co-education <input checked="" type="checkbox"/> | | |
| No. of Departments | Arts: Science: Commerce: | | |
| | Any other: Total: | | |
| No. of Programmes | UG: Five (5) PG: Five (5) M. Phil: - | | |
| | Ph.D: - Any other: - Total: - Ten (10) | | |
| Year of Establishment | 2004 | | |
| UGC recognition | Under 2 (f) and 12 B: - No | | |
| Location of the College | Urban <input type="checkbox"/> Semi-urban <input type="checkbox"/> Rural <input checked="" type="checkbox"/> Tribal <input type="checkbox"/> | | |
| Area of the campus (in acres) | 25 Acres | | |
| No. of Teachers | Men | Women | Total |
| Permanent : | 154 | 59 | 213 |
| Temporary: | - | - | - |
| Total no. of Teachers Ph. D: | 10 | 02 | 12 |
| Total no. of Teachers M. Phil. : | - | - | - |
| Total no. of Teachers P. G. : | 143 | 58 | 201 |
| No. of Non-teaching staff : | Men | Women | Total |
| Technical Staff : | 37 | 12 | 49 |
| Administrative Staff : | 53 | 13 | 66 |
| No. of Students: | | | |
| UG: | 3346 | 697 | 4043 |
| PG: | 105 | 38 | 143 |
| M. Phil: | - | - | - |
| Ph.D: | - | - | - |
| Any other: | - | - | - |

| | Name | Designation | Signature with date |
|----|----------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Dr. Varinder Sahni | Chairperson |  6.8.2016 |
| 2. | Prof. T. Thyagarajan | Member Coordinator |  6/8/2016 |
| 3. | Dr. Johnny Jose | Member |  06/08/2016 |
| | Dr. Ganesh Hegde | NAAC Officer | |
| | | |  Signature of the Principal and Seal PRINCIPAL SINHGAD INSTITUTE OF TECHNOLOGY Gat No. 309/310, Kusgaon(Bk.), Off Mumbai Pune Express Highway Lonavala, Dist. Pune - 410 401. |

| Peer Team report On Institutional Accreditation of Sinhgad Institute of Technology, Place: Lonavala, Pune. Pin: 410401. State: Maharashtra | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Information |
| 1.1 Name & Address of the Institution: | Sinhgad Institute of Technology, Lonavala, Pune, Maharashtra - 410401. |
| 1.2 Year of Establishment: | 2004 |
| 1.3 Current Academic Activities at the Institution (Numbers): | |
| • Faculties/ Schools: | Engineering |
| • Departments/ Centres: | UG: 05 PG: 05 |
| • Programmes/ Courses offered: | UG: 05 PG: 05 |
| • Permanent Faculty Members: | 213 |
| • Permanent Support Staff: | 115 |
| • Students: | 4186 |
| 1.4 Three major features in the institutional Context (As perceived by the Peer Team): | <ul style="list-style-type: none"> • Popular institute in the area • Financially stable management • Passionate management about ISR |
| 1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure): | 4 th – 6 th August 2016 |
| 1.6 Composition of the Peer Team which undertook the on- site visit: | |
| Chairperson | Dr. Varinder Sahni |
| Member Co-ordinator | Dr. T. Thyagarajan |
| Member | Dr. Johny Jose |
| NAAC Officer | Dr. Ganesh Hegde |

Johny Jose
06/08/2016

Dr. T. Thyagarajan
6/8/16

Dr. Ganesh Hegde
6.8.2016

| Section II: CRITERION WISE ANALYSIS | Observations (Strengths and/or Weaknesses) on Key-Aspects |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1 Curricular Aspects: | |
| 2.1.1 Curricular Planning and Implementation: | <ul style="list-style-type: none"> • PEOs and POs are defined, and curriculum is enhanced to achieve these objectives. • Lessons are well planned ahead, with sufficient details, and their implementation is monitored. • Teaching resources are made available on the server. |
| 2.1.2 Academic Flexibility: | <ul style="list-style-type: none"> • College has a balanced portfolio of 5 UG and 5 PG • Certain certification programs are offered. • Autonomous status can be obtained |
| 2.1.3 Curriculum Enrichment: | <ul style="list-style-type: none"> • Value added courses are in place • Add on courses in languages like German and Japanese are provided • Industry participation can be strengthened further |
| 2.1.4 Feedback System: | <ul style="list-style-type: none"> • Feedback from alumni is seen • Structured mechanism can be established to get feedback on curriculum from all the other stake holders, including employers |
| 2.2 Teaching-Learning & Evaluation: | |
| 2.2.1 Student Enrolment and Profile: | <ul style="list-style-type: none"> • Admission procedure is as per the Government norms and adheres to applicable reservation policies • UG enrollment is very good • Not many students with GATE qualification in PG programmes |
| 2.2.2 Catering to Student Diversity: | <ul style="list-style-type: none"> • Enrichment courses are practiced • Required support is provided to PWD students during examinations. • Students from other cities/states can be encouraged for admission |
| 2.2.3 Teaching-Learning Process: | <ul style="list-style-type: none"> • Well planned academic delivery system is in place • Practical oriented teaching is seen in some departments • Automated Feedback system by students is in place • ICT learning resources are to be extensively used |

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| 2.2.4 Teacher Quality: | <ul style="list-style-type: none"> • Collaboration with Foreign Universities for faculty upgradation is in place • More Faculty with Ph.D qualification have to be recruited. |
| 2.2.5 Evaluation Process and Reforms: | <ul style="list-style-type: none"> • Students performance is well monitored and communicated • Examination cell is in place |
| 2.2.6 Student Performance and Learning Outcomes: | <ul style="list-style-type: none"> • Few students have bagged University ranks • Pass percentage and completion rates are satisfactory • Percentage Placement has to be increased |
| 2.3 Research, Consultancy & Extension: | |
| 2.3.1 Promotion of Research: | <ul style="list-style-type: none"> • Faculty are supported financially to pursue Ph.D • Research Committee can be formed with experts from reputed R&D/ Academia/Industry organizations to promote reserach • Adequate Research grant needs to be earmarked in institute budget |
| 2.3.2 Resource Mobilization for Research: | <ul style="list-style-type: none"> • Research mobilization awareness activities are to be conducted • Faculty should be encouraged to secure more R & D funded projects through UGC/DST/DIT/AICTE etc., |
| 2.3.3 Research Facilities: | <ul style="list-style-type: none"> • Research facilities are to be strengthened • Collaborative research needs to be increased • Centres of excellence have to be established |
| 2.3.4 Research Publications and Awards : | <ul style="list-style-type: none"> • Teachers have received awards from local organisations • Patents were filed in certain departments • Research publications in indexed journals of good impact factor need to improved • Interdisciplinary research has to be further strengthened |
| 2.3.5 Consultancy: | <ul style="list-style-type: none"> • Consultancy services to industry need to be strengthened • A mechanism for effective marketing of consultancy expertise be framed |

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| 2.3.6 Extension Activities and Institutional Social Responsibility: | <ul style="list-style-type: none"> • Extension activities through various clubs are seen • Management is passionate about ISR |
| 2.3.7 Collaborations | <ul style="list-style-type: none"> • Collaboration with certain foreign universities are active • Objectives of MoUs with industries should be effectively implemented |
| 2.4 Infrastructure and Learning Resources: | |
| 2.4.1 Physical Facilities: | <ul style="list-style-type: none"> • College has adequate classrooms, laboratories and staff rooms. • Seminar halls, hostels, hospital, sports facility, gymnasium, guest house, residential facilities for teaching and non-teaching are available. |
| 2.4.2 Library as a Learning Resource: | <ul style="list-style-type: none"> • Computerized library with e-journals & OPAC facility are available. • Library space can be improved. • Utilization of library resources has to be optimized. |
| 2.4.3 IT Infrastructure | <ul style="list-style-type: none"> • Adequate number of licensed software are available • Student/Computer ratio needs to be improved • Internet and Wi-Fi facilities are to be enhanced |
| 2.4.4 Maintenance of Campus Facilities: | <ul style="list-style-type: none"> • Sufficient funds are allotted for maintenance • Campus and buildings are to be well maintained to deal with the seasonal rains. |
| 2.5 Student Support and Progression: | |
| 2.5.1 Student Mentoring and Support: | <ul style="list-style-type: none"> • Teacher's concern and Mentoring system are practiced well. • Placement & Training cell is in place • Scholarships and earn while learn sponsored by Govt. of Maharashtra are seen |
| 2.5.2 Student Progression: | <ul style="list-style-type: none"> • Progress is monitored well • Activities related to overall growth of the students are visible • Performance of students in competitive exams has to be improved. |
| 2.5.3 Student Participation and Activities: | <ul style="list-style-type: none"> • Encouragement is given to students to participate in co-curricular and extra-curricular activities • EDC activities are encouraging |

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| 2.6 Governance, Leadership and Management: | |
| 2.6.1 Institutional Vision and Leadership: | <ul style="list-style-type: none"> • Vision, Mission, Long term goals, short term goals are well defined • Cordial relationship exists among all the stakeholders • Leadership in research need to be groomed |
| 2.6.2 Strategy Development and Deployment | <ul style="list-style-type: none"> • Many committees are constituted to manage the institutional activities • Periodicity of various committee reviews is good |
| 2.6.3 Faculty Empowerment Strategies: | <ul style="list-style-type: none"> • Faculty members are given enough academic freedom • Faculty members are also encouraged to attend FDPs/conferences/ Workshops • Professional development of non-teaching and admin. staff has to be strengthened. |
| 2.6.4 Financial Management and Resource Mobilization: | <ul style="list-style-type: none"> • Institution is financially stable • Adequate budgetary provision is in place. • Annual Financial auditing exists |
| 2.6.5 Internal Quality Assurance System: | <ul style="list-style-type: none"> • Initiatives of Academic monitoring committee are fruitful • IQAC was established recently • External academic audit can be introduced at the end of every semester |
| 2.7 Innovations and Best Practices: | |
| 2.7.1 Environment Consciousness: | <ul style="list-style-type: none"> • Water harvesting is extensively done • RO plant is available • Plantation is visible |
| 2.7.2 Innovations: | <ul style="list-style-type: none"> • Innovative student projects are seen in some departments • Management can provide incentives for innovation • Management has to explore strategies to inculcate innovation among staff |
| 2.7.3 Best Practices: | <ul style="list-style-type: none"> • Academic monitoring system • Project Based Learning • Mobile APP based Placement information sharing is in place |

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| Section III: OVERALL ANALYSIS | Observations |
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| 3.1 Institutional Strengths: | <ul style="list-style-type: none"> • Good reputation among students and parents • Dedicated faculty and staff • Highly motivated and confident students • Appropriate Compensation is given to the employees |
| 3.2 Institutional Weaknesses: | <ul style="list-style-type: none"> • Very Less number of Faculty with Ph.D. qualification • Very less number of senior faculty • Collaborative Research and Consultancy are insignificant • Inadequate Student placement |
| 3.3 Institutional Opportunities: | <ul style="list-style-type: none"> • Existing linkages with Foreign Universities • Scope for interdisciplinary collaborative research • Formal Tie up with industries • Publications through PG student projects |
| 3.4 Institutional Challenges: | <ul style="list-style-type: none"> • Recruiting highly qualified faculty members from reputed institutes and retaining them. • Convincing industries to collaborate for internship, training and placement • Placement for all the deserving students |

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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)

- Curriculum shall be enriched with current industrial trends
- Quality in teaching-learning is to be enhanced by recruiting more Ph.D. holders
- Apply for autonomous status
- Use of ICT should be strengthened in teaching learning and evaluation process.
- Departments should seek recognition from the University as Research Centers
- Guidance for students to pursue high education and to appear for competitive examinations shall be given
- Adequate Research Grant be earmarked in institution Annual Operating Plan (AOP) as a seed money
- Utilize the faculty expertise to secure more R & D funding from Govt. agencies and industries.
- Industrial training for staff and students can be initiated
- Make more use of inputs from all the stakeholders in the academic, research and extension activities
- Latest books written by reputed authors have to be purchased in the Central Library
- Core-company placements should be enhanced

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

6/8/2016

Name & Signatures of the members of the Peer Team with Date

| | Name | Signature with Date |
|--------------------|--------------------|---------------------|
| Chairperson | Dr. Varinder Sahni | <i>6.8.2016</i> |
| Member Coordinator | Dr. T. Thyagarajan | <i>6/8/2016</i> |
| Member | Dr. Johny Jose | <i>06/08/2016</i> |
| NAAC Officer: | Dr. Ganesh Hegde | |