

**PROGRESS REPORT  
OF  
MIT Academy of Engineering, Alandi 412105**

**Academic Year 2017-2018**

<b>1</b>	Date when autonomy was first granted by UGC	<b>13 October 2015</b>
<b>2</b>	Accreditation by NAAC	<b>Yes with A grade</b>
<b>3</b>	<b>Constitution and Working of the Statutory Bodies / Committees (as per UGC guidelines)</b>	
	Constitution and Working of the Statutory Bodies / Committees (as per UGC guidelines). <ul style="list-style-type: none"> <li>• Governing Body</li> <li>• Academic Council</li> <li>• Board of Studies</li> <li>• Finance Committee</li> <li>• Internal Quality Assurance Cell</li> <li>• Examination Committee</li> <li>• College Development Committee</li> <li>• Question Paper Audit committee</li> <li>• Product audit Committee</li> <li>• Other institutional working committees</li> </ul>	The College has constituted all these Committees as per the UGC Guidelines.  It is mention-worthy to note that the College has constituted all necessary Committees to facilitate efficient monitoring of progress and review of its teaching-learning and outcome-based objectives. The Minutes of Meetings and Action Taken Reports are in required order.
<b>4</b>	<b>Academic Programs:</b>	
a)	<ul style="list-style-type: none"> <li>• Existing Programs / Courses before autonomous status was conferred</li> </ul>	The College was conducting seven UG programs and three PG Sof Programs before autonomy was conferred.
b)	<ul style="list-style-type: none"> <li>• Number of Programs during the year (Give names of courses):</li> </ul>	<b>UG</b>  Chemical Engineering Civil Engineering Computer Engineering Electronics Engineering E & TC Engineering Information Technology Mechanical Engineering   <b>PG</b> Computer Engineering Electronics Engineering Mechanical Engineering
<b>5</b>	<b>Curriculum design and delivery</b>	
	<ul style="list-style-type: none"> <li>• Ratio of Science / Humanity / core Engineering courses content for four year course</li> <li>• Industry driven courses</li> </ul>	Curriculum design for all Courses is primarily oriented towards experiential learning and placement.

		<p>In almost all Programs, industry-based internship is facilitated as a part of the curriculum. Several of the interns get employed in the same industry.</p> <p>Curriculum delivery is both face-to-face and online. The College has its own platform for on-line teaching-learning with very good learning modules and learning resources.</p> <p>Experiential learning in all Programs is facilitated through Projects which are rigorously assessed through both Continuous Internal and End-of-Term Assessment.</p> <p>Ratio of Science/Humanity/core is maintained as per guidelines of UGC.</p> <p>Course content is designed to meet the requirements of industry.</p>
<b>6</b>	<b>Examinations:</b>	
	<ul style="list-style-type: none"> <li>• Examination Committee</li> <li>• Assessment mechanism Manual displayed on website (for exam evaluation):</li> <li>• Examination results (trends before and after autonomous status was conferred)</li> <li>• Examination results of Continuous Internal Assessment.</li> <li>• Grievances raised by students related to Examination (No. of Grievances Vs Solved)</li> </ul>	<p>The Examination Committee has been formed as per existent regulations and oversees all the operations (online student registration, conduct of examinations, implementation of useful and efficient processes, coordination with the affiliating University and exam related student-grievance-redressal system).</p> <p>Fully-functional Examination related grievances' system is in place and dealt with promptly and feedback received from students shows that they are satisfied with the current mechanism.</p> <p>The assessment methods used are compiled in a Manual which is displayed on the College website to promote transparency of operations.</p> <p>The trend of examination results over the last 2 years shows a consistently high graduating percentage across all the departments.</p>
<b>7</b>	<b>Teachers</b>	
	<ul style="list-style-type: none"> <li>• Appointments: Ratio of Number of teachers appointed to number sanctioned.</li> <li>• Self / Institutional Performance Appraisal</li> <li>• No. of faculty Orientation program conducted for academic improvements</li> </ul>	<p>The institution has appointed well and appropriately qualified teachers in all departments. The ratio of appointed teachers: sanctioned strength is highly satisfactory.</p> <p>The College has developed its own efficient Performance Appraisal System in the College, with periodical review and appropriate action taken wherever required.</p> <p>The number and frequency of Faculty</p>

		Orientation and Development Programs conducted by the college is commendable, in terms of number, quality and depth/range of subjects.
<b>8</b>	<b>Research Output</b>	
	<ul style="list-style-type: none"> <li>• Number of Publications in UGC listed Journals</li> <li>• Quality of Publications (Citation / h-index as per Web of Science; Scopus; Indian Citation Index)</li> <li>• Patents (published / registered / awarded)</li> <li>• Research projects funded by external agencies</li> <li>• % Sponsored Final Year projects: (Branch wise)</li> <li>• Utilization of Grants received</li> </ul>	<p>The Research &amp; development Committee constituted by the college spearheads the efforts of research in the College. Professors from each department are members of the Committee.</p> <p>The Research output of the College is exemplary, with:</p> <ul style="list-style-type: none"> <li>• 10 Patents filed</li> <li>• 16 major projects amounting to Rs.159.06 lakhs submitted.</li> <li>• 1 major project amounting to Rs.3 lakhs ongoing.</li> <li>• 1 major project amounting to Rs.5.5 lakhs completed.</li> <li>• 2 minor projects amounting to Rs.6.07 lakhs submitted.</li> <li>• 2 minor projects amounting to Rs.2.15 lakhs sanctioned.</li> <li>• 5 minor project amounting to Rs.4.075 lakhs ongoing.</li> <li>• 10 publications in International peer review journals.</li> <li>• 13 publications in National and International non-peer review journals.</li> <li>• 54 publications in National and International conference proceedings.</li> <li>• Research projects funded by SERB, Savitribai Phule Pune University (SPPU) etc.</li> </ul> <p>The research grants received have been utilized judiciously for research development by the institute.</p>
<b>9</b>	<b>Students</b>	
	<ul style="list-style-type: none"> <li>• Students Progression (batch)</li> <li>• Employability status (placement record)</li> </ul>	Focus of the College is to facilitate gainful employment for as many of its graduates as possible. In this effort, 207 students have been placed in various industries.
<b>10</b>	<b>MoU</b>	
	<ul style="list-style-type: none"> <li>• Industry Collaborations</li> <li>• Academic Collaborations</li> </ul>	During the academic year 2017-2018, the College has signed 2 MoUs, one each with Rashtriya Chemicals and Fertilizers & TSSC.
<b>11</b>	<b>Recognition / Awards received</b>	
	<ul style="list-style-type: none"> <li>• Institutional</li> </ul>	Teachers and students have received awards

	<ul style="list-style-type: none"> <li>• Teachers</li> <li>• Students</li> <li>• other stakeholders</li> </ul>	from apex bodies as well as external agencies.
<b>12</b>	<b>Audits</b>	
	<ul style="list-style-type: none"> <li>• Question paper audit</li> <li>• Product Audit</li> <li>• ISO Audit</li> </ul>	<p>A unique practice followed by the College is the <i>Question Paper Audit</i>. This is done at the end of each Semester by the Audit Committee, wherein sample question papers are studied and action is taken for improving the quality of questions (and question papers) accordingly.</p> <p>The College is ISO certified and all the process and documentation are in place</p>
<b>13</b>	<b>Infrastructure</b>	
	<ul style="list-style-type: none"> <li>• academic purposes</li> <li>• administrative purpose</li> </ul>	The College has well equipped laboratories and ICT based classroom infrastructure. All these facilities are being effectively and optimally utilised.
<b>14</b>	<b>Feedback</b>	
	<ul style="list-style-type: none"> <li>• Students satisfaction level</li> <li>• Parents satisfaction level</li> <li>• Faculty/Staff satisfaction level</li> <li>• Industry satisfaction feedback</li> </ul>	There is 360 degree feedback system and satisfaction level of all stakeholders is good.
<b>15</b>	<b>Grievance</b>	
	<ul style="list-style-type: none"> <li>• Grievance raised by staff/faculty/students: Mechanism</li> <li>• No. of grievances registered and outcome for AY 2017-18</li> </ul>	<p>The College has a grievance management system which is efficiently deployed and there is timely redressal of all kinds of grievances.</p> <p>No of grievances registered: Nil Outcome: Continuation of good practices along with possible improvements</p>
<b>16</b>	<b>Expenditure</b>	
		The expenditure of the College is carefully monitored and efficiently used in all Heads of expenses. Audited Statements of all expenses are in order.

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### **Summary of Outcome**

- In totality, the College has imbibed the essence, in letter and spirit, of functioning as an autonomous institution.
- The College has achieved its projected outcomes through curriculum management along with effective pedagogy supported by multifaceted latest technology and infrastructure.
- The College has also shown excellent student support through internship opportunities, placement, and on-campus co- and extra-curricular activities for students.
- The College has created a symbiotic ecosystem for modern learning and development for students, as well as for the faculty members.
- The Management has taken appropriate, adequate and judicious steps to support the College across all ventures, including the Collaborations and MoUs linked with industry and other institutions of repute.



**Director**  
MIT Academy of Engineering,  
Alandi

Place: Alandi

Date: 15<sup>th</sup> July 2018