Modern Education Society’s

COLLEGE OF ENGINEERING

PUNE-01

Accredited by NAAC with “A” Grade (CGPA 3.13)

Mechanical, E&TC and Computer Department

Accredited with NBA
Certificate of Accreditation

The Executive Committee of the National Assessment and Accreditation Council on the recommendation of the duly appointed Peer Team is pleased to declare the Modern Education Society's College of Engineering, Pune, affiliated to Savitribai Phule Pune University, Maharashtra as Accredited with CGPA of 3.13 on four point scale at A grade valid up to September 13, 2020.

Date: September 14, 2015

Director
F. No. 28-359-2010-NBA

Dated: 17.10.2018

To,

The Principal
Modern Education Society's College of Engineering,
19, Late Prin. V. K. Jog Path,
Wada College Campus,
Pune-411001, Maharashtra.

Subject: Accreditation status of programmes offered by Modern Education Society's College of Engineering, 19, Late Prin. V. K. Jog Path, Wada College Campus, Pune-411001, Maharashtra.

Sir,

This is in reference to your application No. 2275-08-03/2017 seeking accreditation by National Board of Accreditation (NBA) for the programmes offered by Modern Education Society's College of Engineering, 19, Late Prin. V. K. Jog Path, Wada College Campus, Pune-411001, Maharashtra.

2. An Expert Team conducted on-site evaluation of the programme from 20th to 22nd July, 2018. The report submitted by the Expert Team was considered by the concerned Committee constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programmes as given in the table below:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Program(s) (UG)</th>
<th>Basis of Evaluation</th>
<th>Accreditation Status</th>
<th>Period of Validity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Electronics and Telecommunication Engineering</td>
<td>Tier-I June 2013 Document</td>
<td>Accredited</td>
<td>Academic Year 2018-2019 to 2020-2021 i.e., up to 30.06.2021</td>
<td>Accreditation status granted is valid for the period indicated in Col.5 or till the programs has the approval of the competent authority, whichever is earlier</td>
</tr>
<tr>
<td>2</td>
<td>Mechanical Engineering</td>
<td></td>
<td>Accredited</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programmes have been granted accreditation for three years. Modern Education Society's College of Engineering, 19, Late Prin. V. K. Jog Path, Wada College Campus, Pune-411001, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Modern Education Society's College of Engineering, 19, Late Prin. V. K. Jog Path, Wada College Campus, Pune-411001, Maharashtra as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programs accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programs accredited, level of programs and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

[Signature]
File No. 28-359-2010-NBA  

To  
The Principal,  
Modern Education Society's College of Engineering,  
19, Late Prin. V.K. Jog Path,  
Wadia College Campus,  
Pune-411001, Maharashtra.  

Subject: Accreditation status of programme applied by Modern Education Society's College of Engineering, 19, Late Prin. V.K. Jog Path, Wadia College Campus, Pune-411001, Maharashtra.  

Sir,  

This has reference to your application ID No. 3075-03/08/2018 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering program offered by Modern Education Society's College of Engineering, 19, Late Prin. V.K. Jog Path, Wadia College Campus, Pune-411001, Maharashtra.  

2. An Expert Team conducted on-site evaluation of the program from 12th to 13th October, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:  

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Program (UG)</th>
<th>Basis of Evaluation</th>
<th>Accreditation Status</th>
<th>Period of validity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Computer Engineering</td>
<td>Tier-II</td>
<td>Accredited (666 marks awarded by the Visiting Team decreased to 662 as per the observations made and indicated in the Annexure to this letter)</td>
<td>Academic Years 2019-2020 to 2021-2022 i.e. upto 30-06-2022</td>
<td>Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier</td>
</tr>
</tbody>
</table>

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.  

4. The program has been granted accreditation for three years. Modern Education Society's College of Engineering, 19, Late Prin. V.K. Jog Path, Wadia College Campus, Pune-411001, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a visit, as deemed appropriate by NBA Committees.  

Contd./...
INSTITUTE VISION

To Groom - Motivated, Environment friendly, Self-esteemed, Creative and Oriented Engineers..

INSTITUTE MISSION

To Develop Industry Oriented Manpower to accept the challenges of Globalization by,

- Promoting Value Education through motivated trained faculty
- Maintaining conducive environment for education at affordable cost
- Promoting Industry Institute interaction, by involving alumni
DEPARTMENTS

- FIRST YEAR ENGINEERING DEPARTMENT

- ELECTRONICS AND TELECOMMUNICATION ENGINEERING

- MECHANICAL ENGINEERING

- COMPUTER ENGINEERING
FE Department Vision

• To help students build their foundation to create their future.

FE Department Mission

• To provide undergraduate students with an updated technical knowledge in engineering through an environment of individual attention and support.
The Department of First year engineering plays a vital role in an engineering college catering to the teaching of subjects such as

- Engineering Mathematics
- Engineering Physics/Chemistry
- Engineering Mechanics/Systems in Mechanical Engineering
- Electrical / Electronics Engineering
- Workshop Practices

in the minds of learners so that they can go forward in the rest of the years of their study with most recent knowledge, applicable skills and the energizing confidence.
HEAD OF THE DEPARTMENT

• Prof. Dr. D. S. Adkar
  -M.Sc., M.Phil., M.Ed., Ph.D.
Qualification Details of First year Faculty

✓ All of our faculty members hold post-graduate degrees from renowned institutes in their respective fields.

✓ faculty members are also involved in Research and Development activities and they have received research grants from Board for College and University Development (BCUD).

✓ Faculty members have published papers in National and International journals.

✓ Our staff members attend seminars and workshops to keep abreast of latest developments in the field & syllabus implementation/revision workshops and actively participate in University activities.

<table>
<thead>
<tr>
<th>Faculty Qualification</th>
<th>No. of Faculty members</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>7</td>
</tr>
<tr>
<td>PhD Pursuing</td>
<td>4</td>
</tr>
<tr>
<td>M. Tech/ME</td>
<td>4</td>
</tr>
<tr>
<td>SET/NET</td>
<td>4</td>
</tr>
</tbody>
</table>
First Year Engineering Result of Last Three Years

<table>
<thead>
<tr>
<th>Year</th>
<th>Appeared</th>
<th>Distinction</th>
<th>No of successful students</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-20</td>
<td>404</td>
<td>169</td>
<td>401</td>
<td>99.26</td>
</tr>
<tr>
<td>2018-19</td>
<td>399</td>
<td>139</td>
<td>343</td>
<td>85.96</td>
</tr>
<tr>
<td>2017-18</td>
<td>376</td>
<td>110</td>
<td>301</td>
<td>80.05</td>
</tr>
</tbody>
</table>

**Result Analysis**

![Bar chart showing percentage of successful students for the last three years]
Best Practices at FE Department

✓ **Academic Monitoring** is performed regularly
  1. Consistent monitoring of students attendance
  2. Communicating their attendance to the parents by post and also via phone
  3. Parent meet is called by department every semester

✓ **Remedial classes** are conducted at the end of the Semester for academically weak Students

✓ **Online student feedback system** is conducted in every month of each semester for taking feedback of individual teachers, departments, administrative office, library and T & P cell.
Parent Teacher is assigned for group of 20 students till they complete their graduation.

*They interact with the students as a counsellor to identify their strength, Weakness, attitude, character, ambitions etc.

Medical Check-up of students in first semester.

* Institute has its own health center facility for students and staff.

Guidance about mental ability, aptitude tests and English communication skills from experts.
## List of successfully completed projects

<table>
<thead>
<tr>
<th>Name of the Research project</th>
<th>Name of Principal Investigator</th>
<th>Funding Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research in Nano-materials</td>
<td>Prof. Dr. D.S. Adkar</td>
<td>BCUD,SPPU</td>
<td>2.5 Lac</td>
</tr>
<tr>
<td>Performance Analysis of Novel Multilevel Inverter Topology for Industrial Drive.</td>
<td>Prof. Dr. A.R. Prayag</td>
<td>BCUD,SPPU</td>
<td>2.5 Lac</td>
</tr>
</tbody>
</table>
FE Induction Program

- First Year Engineering Department Provides Strong Foundation to the students seeking overall development.

✓ In Pursue of that, FE Department arranges two week induction program for newly admitted students

It gives students chance to acclimate to new college life and Environment.
# Details of Induction Program Conducted in Academic Year : 2019-20

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Program</th>
<th>Resource Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Orientation Program for FE students</td>
<td>Class teacher and Parent Teacher</td>
</tr>
<tr>
<td>2</td>
<td>Campus visit</td>
<td>Class teacher and Parent Teacher</td>
</tr>
<tr>
<td>3</td>
<td>Session on Workshop Facility</td>
<td>Prof. A. A. Chougule</td>
</tr>
<tr>
<td>4</td>
<td>Session on Sports Facility</td>
<td>Mr. H. B. Sapnar</td>
</tr>
<tr>
<td>5</td>
<td>Session on Library Facility</td>
<td>Prof. Dr. A. S. Sonawane</td>
</tr>
<tr>
<td>6</td>
<td>Session on Student Welfare Schemes offered by MESCOE</td>
<td>Prof. S. P. Walunj &amp; Team</td>
</tr>
<tr>
<td>7</td>
<td>Session on Computer Literacy &amp; English Proficiency</td>
<td>Prof. J. C. Kulkarni</td>
</tr>
<tr>
<td>8</td>
<td>Introduction to college Extra Curricular Activities</td>
<td>Prof. Dr. P. N. Kota, Prof. S. R. Kandharkar &amp; team</td>
</tr>
<tr>
<td>9</td>
<td>Session on NSS Facility</td>
<td>Prof. B. D. Nandre</td>
</tr>
<tr>
<td>10</td>
<td>Session on Training and Placement Activity</td>
<td>Prof. T. Gadekar &amp; Dept. Coordinators</td>
</tr>
<tr>
<td>11</td>
<td>Yoga Session</td>
<td>Mr. K. Khandekar</td>
</tr>
<tr>
<td>12</td>
<td>Session on “Success Factors for Engineering Journey”</td>
<td>Prof. V. V. Deshpande</td>
</tr>
<tr>
<td>13</td>
<td>Session on Stress Management</td>
<td>Mr. M. Gokhale</td>
</tr>
<tr>
<td>14</td>
<td>Session on Essence of Engineering</td>
<td>Prof. B. Hooli</td>
</tr>
<tr>
<td>15</td>
<td>Industrial Visit for FE students</td>
<td>Prof.V.S.Mane</td>
</tr>
</tbody>
</table>
Thank You