

## ANNEXURE – 10

# MANDATORY DISCLOSURE

Norms : As per AICTE, New Delhi, Approval Process Handbook 2020-2021

Update as on **August 2020**

|                                |              |
|--------------------------------|--------------|
| AICTE permanent application ID | 1-4279045    |
| AICTE current application ID   | 1-7014283393 |

|     |  |   |
|-----|--|---|
| (1) | <b>Name of the Institution</b>                         | All India Shri Shivaji Memorial Society's College of Engineering  |
|     | <b>Address</b>   | 1, Kennedy Road   |
|     | <b>City with Pin code</b>                              | Pune – 411 001  |
|     | <b>State / UT</b>                                      | Maharashtra   |
|     | <b>Nationality</b>                                     | India   |
|     | <b>Type of Institution</b>                             | Private – Self Financed   |
|     | <b>Category (01) of the Institution</b>                | Non-minority  |
|     | <b>Category (02) of the Institution</b>                | Co-education  |
|     | <b>Academic hours at the Institution</b>               | 0800 hrs to 1630 hrs (First Shift) and<br>1100 hrs to 1930 hrs (Second Shift)                                 |
|     | <b>Office hours at the Institution</b>                 | 1000 hrs to 1860 hrs  |
|     | <b>FAX number with STD code</b>                        | 91-020-26058943   |
|     | <b>Telephone</b>                                       | Direct : 91-020-26058342,<br>EPABX : 91-20-26058587, 26059562, <b>26051660 (Ext No. 1001, 1101, 09, 1103)</b> |
|     | <b>E-mail</b>  | principal@aissmscoe.com, contact@aissmscoe.com  |
|     | <b>Website</b>   | www.aissmscoe.com   |
|     | <b>Nearest Railway Station (distance in Kilometre)</b> | 01 kmt  |
|     | <b>Nearest Airport (distance in Kilometre)</b>         | 08 kmt  |

|     |  |   |
|-----|--|---|
| (2) | <b>Name and address of the Trust / Society running the Institution</b>                       | All India Shri Shivaji Memorial Society               |
|     | <b>Address</b>   | 55-56, Shivajinagar                                   |
|     | <b>City with Pin code</b>  | Pune – 411 005  |
|     | <b>State / UT</b>  | Maharashtra   |
|     | <b>National</b>  | India   |
|     | <b>Type of Trust / Society</b>   | Society   |
|     | <b>As per Government of Maharashtra Societies Registration Act XXI of 1860 No &amp; date</b> | No. 3238 of 1955-1956, dated 28 May 1955              |
|     | <b>Office hours at the Institution</b>   | 1000 hrs to 1860 hrs                                  |
|     | <b>FAX number with STD code</b>  | 91-020-25534661                                       |
|     | <b>Telephone</b>   | Direct : 91-020-2551001, 2551002                      |
|     | <b>E-mail</b>  | honsecretary@aissms.com, honjointsecretary@aissms.com |
|     | <b>Website</b>   | www.aissms.org  |
|     | <b>Nearest Railway Station (distance in Kilometre)</b>                                       | 02kmt   |
|     | <b>Nearest Airport (distance in Kilometre)</b>   | 09kmt   |

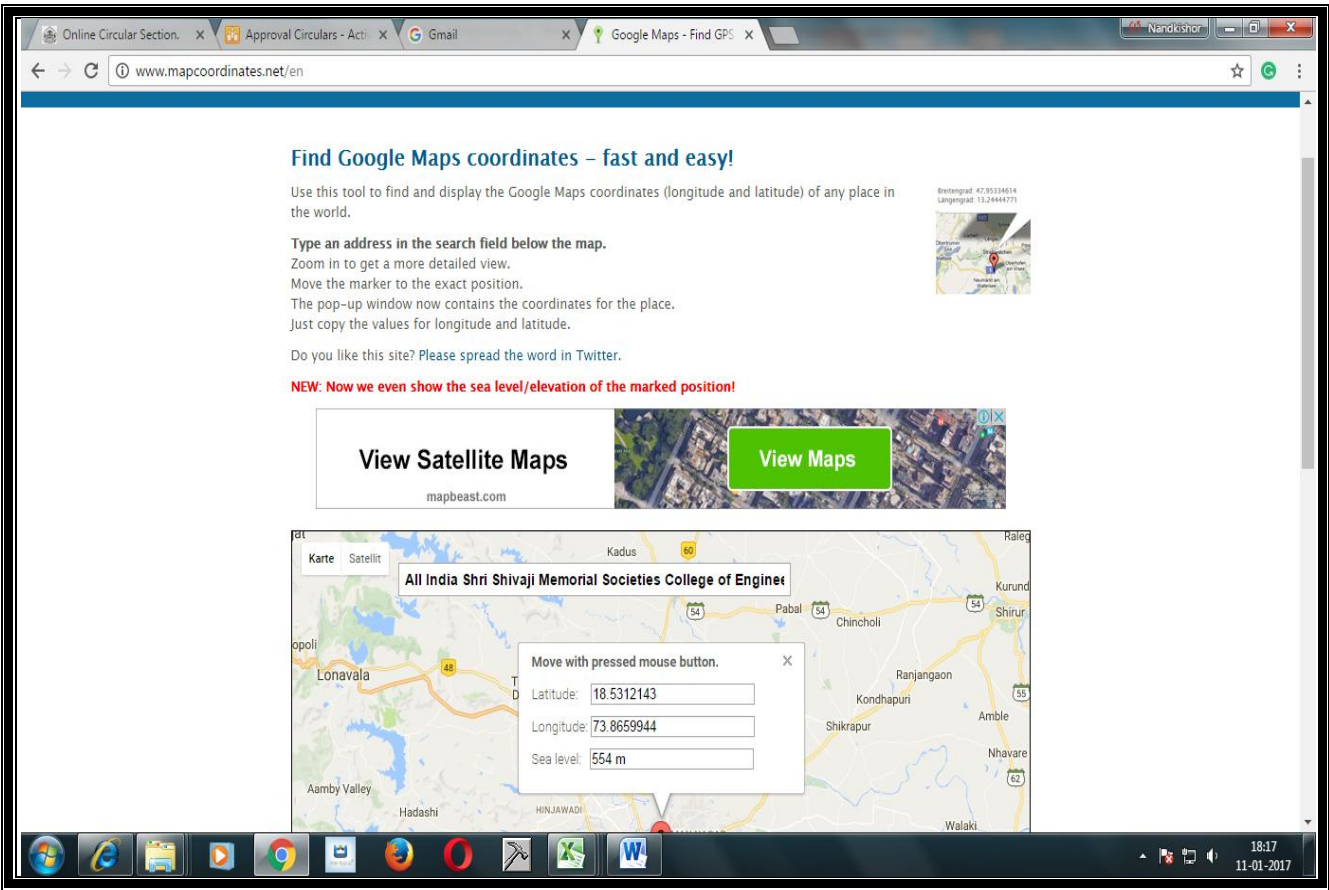
Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

COLLEGE BUILDING PHOTO



COLLEGE VIEW SATELLITE MAPS



Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

| Sr No | Name and address of the Trustee  | Designation                 | e-mail and contact number   | Credential    |
|-------|--|-----------------------------|---|---------------|
| 1     | <b>Shri Shahu Chhatrapati,</b><br>New Palace, Kolhapur - 416003  | President                   |   | Social Worker |
| 2     | <b>Yuvraj Sambhajiraje Chhatrapati</b><br>New Palace, Kolhapur - 416003  | Vice-President              | sambhajichhatrapati@rediffmail.com9822549320<br>PA- Amar Patil 9850508671<br>PA - Yuvraj 9922414130 | Social Worker |
| 3     | <b>Shri Malojirajeraje Chhatrapati</b><br>New Palace, Kolhapur - 416003  | Honorary Secretary          | honsectertary@aissms.org9850011333<br>PA - Vilas 9823138333<br>PA - Shivaji 9923898686              | Social Worker |
| 4     | <b>Shri Shinde Suresh Pratap</b><br>Plot No. 31,WirelessHau. Society Near Parihar Chowk Aundh, Pune – 411 007                              | Honorary Joint Secretary    | honjtsecretary@gmail.com9422036902  | Business      |
| 5     | <b>Shri Patil Ajay Uttamrao</b><br>Ankur Park 2, Mukundnagar, Flat No. 12/11, Pune – 411 037   | Treasurer                   | aupatil16000@gmail.com9822022575<br>9823124617  | Business      |
| 6     | <b>Shri Patil Vishwas Bajirao</b><br>C.S. No. 511/KH, 'E' Ward Ayodhya Towers, 1st Floor Dabholkar Corner, Station Road Kolhapur - 416 001 | Chairman, Governing Council | kpr_vbpatil@bsnl.in<br>9890009999<br>PA - Sanju 9860699099  | Business      |
| 7     | <b>Shri Salunkhe Bhagwanrao Baburao</b><br>22, Shankarmaharaj Society Vardhamanpur, Near Gangadham Bibvewadi,Pune – 411 037                | Chairman Managing Committee | bhagwanraosalunkhe@gmail.com9822072691  | Lawyer        |

|     |   |   |
|-----|---|---|
| (3) | <b>Name of the Principal / Director</b> | Dr Dattatraya Shankar Bormane   |
|     | <b>Designation</b>                      | Principal   |
|     | <b>Qualification</b>                    | BE-Electronics Engg (I), 1987, Marathwada University<br>ME-Electronics Engg (I), 1996, Shivaji University<br>Ph D 2003, SRTM University, Nanded |
|     | <b>Field of specialization</b>          | Electronics & Computer Science Engineering  |
|     | <b>FAX number with STD code</b>         | 91-020-26058943   |
|     | <b>Telephone</b>                        | Direct : 91-020-26059562, 26058342,<br>EPABX : 91-20-26058587, 26051660<br>(Ext No. 1001, 1101, 09, 1103)                                       |
|     | <b>Mobile</b>                           | 9850282286  |
|     | <b>E-mail</b>                           | principal@aissmscoe.com, contact@aissmscoe.com  |

|     |  |  |
|-----|--|--|
| (4) | <b>Name of the affiliating University</b>              | Savitribai Phule Pune University         |
|     | <b>Address</b>   | Ganeshkhind, Pune – 411007 (Maharashtra) |
|     | <b>FAX number with STD code</b>                        | 91-020-25691233                          |
|     | <b>Telephone</b>                                       | 91-020-25601257, 25601258, 25601250      |
|     | <b>e-mail</b>  | affiliation@pun.unipune.ac.in            |
|     | <b>Website</b>   | www.unipune.ac.in                        |
|     | <b>Latest affiliation period, Letter No &amp; date</b> | 2019-2020 : CA/869, dated 20.05.2019     |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|     |                   |
|-----|-------------------|
| (5) | <b>Governance</b> |
|-----|-------------------|

### 5.1 Members of the Board and their brief background

| Sr No | Name of the member               | Designation                 | Brief Background  |
|-------|----------------------------------|-----------------------------|-------------------|
| 1     | Shri Shahu Chhatrapati           | President                   | Social worker     |
| 2     | Yuvraj Sambhajiraje Chhatrapati  | Vice-President              | Social worker     |
| 3     | Shri Malojirajeraje Chhatrapati  | Honorary Secretary          | Social worker     |
| 4     | Shri Shinde Suresh Pratap        | Honorary Joint Secretary    | Business          |
| 5     | Shri Patil Ajay Uttamrao         | Treasurer                   | Business          |
| 6     | Shri Patil Vishwas Bajirao       | Chairman, Governing Council | Business          |
| 7     | Shri Salunkhe Bhagwanrao Baburao | Chairman Managing Committee | Advocate / Lawyer |

### 5.2 Members of Academic Advisory Body (Managing Committee)

| Sr No | Name and address of the member  | Designation                 | e-mail                             | Contact number  |
|-------|---|-----------------------------|------------------------------------|---|
| 1     | <b>Yuvraj Sambhajiraje Chhatrapati</b><br>New Palace<br>KOLHAPUR - 416 003  | Vice-President              | sambhajichhatrapati@rediffmail.com | 9822549320<br>PA- Amar Patil<br>9850508671<br>PA - Yuvraj<br>9922414130 |
| 2     | <b>Shri Malojirajeraje Chhatrapati</b><br>New Palace<br>KOLHAPUR - 416 003  | Honorary Secretary          | honsectertary@aissm s.org          | 9850011333<br>PA - Vilas<br>9823138333<br>PA - Shivaji<br>9923898686    |
| 3     | <b>Shri Shinde Suresh Pratap</b><br>Plot No. 31, Wireless Hau. Society<br>Near Parihar Chowk Aundh<br>PUNE – 411 007                              | Honorary Joint Secretary    | honjtsecretary@gmail.com           | 9422036902  |
| 4     | <b>Shri Patil Ajay Uttamrao</b><br>Ankur Park 2,<br>Mukundnagar, Flat No. 12/11<br>PUNE – 411 037   | Treasurer                   | aupatil16000@gmail.com             | 9822022575<br>9823124617  |
| 5     | <b>Shri Patil Vishwas Bajirao</b><br>C.S. No. 511/KH, 'E' Ward<br>Ayodhya Towers, 1st Floor<br>Dabholkar Corner, Station Road<br>KOLHAPUR-416 001 | Chairman, Governing Council | kpr_vbpatil@bsnl.in                | 9890009999  |
| 6     | <b>Shri Salunkhe Bhagwanrao Baburao</b><br>22, Shankarmaharaj Society<br>Vardhamanpur, Near Gangadham<br>Bibvewadi,<br>PUNE – 411 037             | Chairman Managing Committee | bhagwanraosalunkhe@gmail.com       | 9822072691  |
| 7     | <b>Shri Moze Shrikant Hambirrao</b><br>86 Yerwada, Shivaji Lane<br>PUNE – 411 006   | Member, Managing Committee  |                                    | 9822394481  |
| 8     | <b>Shri Jadhav Nitin</b><br>329 A, Shivaji Peth<br>KOLHAPUR   | Member, Managing Committee  |                                    | 9823543887  |
| 9     | <b>Shri Bamane Nandkumar</b><br>599 B Parijat Row bungalow<br>Shahu Colony Hockey stadium to<br>Jaragnar road<br>Kolhapur - 416012                | Member, Managing Committee  |                                    | 9423042842  |
| 10    | <b>Shri Padmakar Gulabrao Pawar</b><br>68/B, Shahu Society, Natu Baugh<br>Pune-Satara Road<br>PUNE-411 037  | Member, Managing Committee  |                                    | 9881376774  |
| 11    | <b>Shri Nikhil Ashok Khanse</b><br>B-30 Abhiman Shri Society<br>Pashan Road<br>PUNE – 411 008   | Member, Managing Committee  |                                    | 9822031134  |
| 12    | <b>Shri Anil Sampatrao Taware</b><br>Malegaon Colony Near Sharadanagar<br>At Post Malegaon Bk,<br>Tal. Baramati ,Dist. Pune<br>Pin Code – 413 115 | Member, Managing Committee  |                                    | 9763350657  |

Place : Pune

Date : 01 August 2020

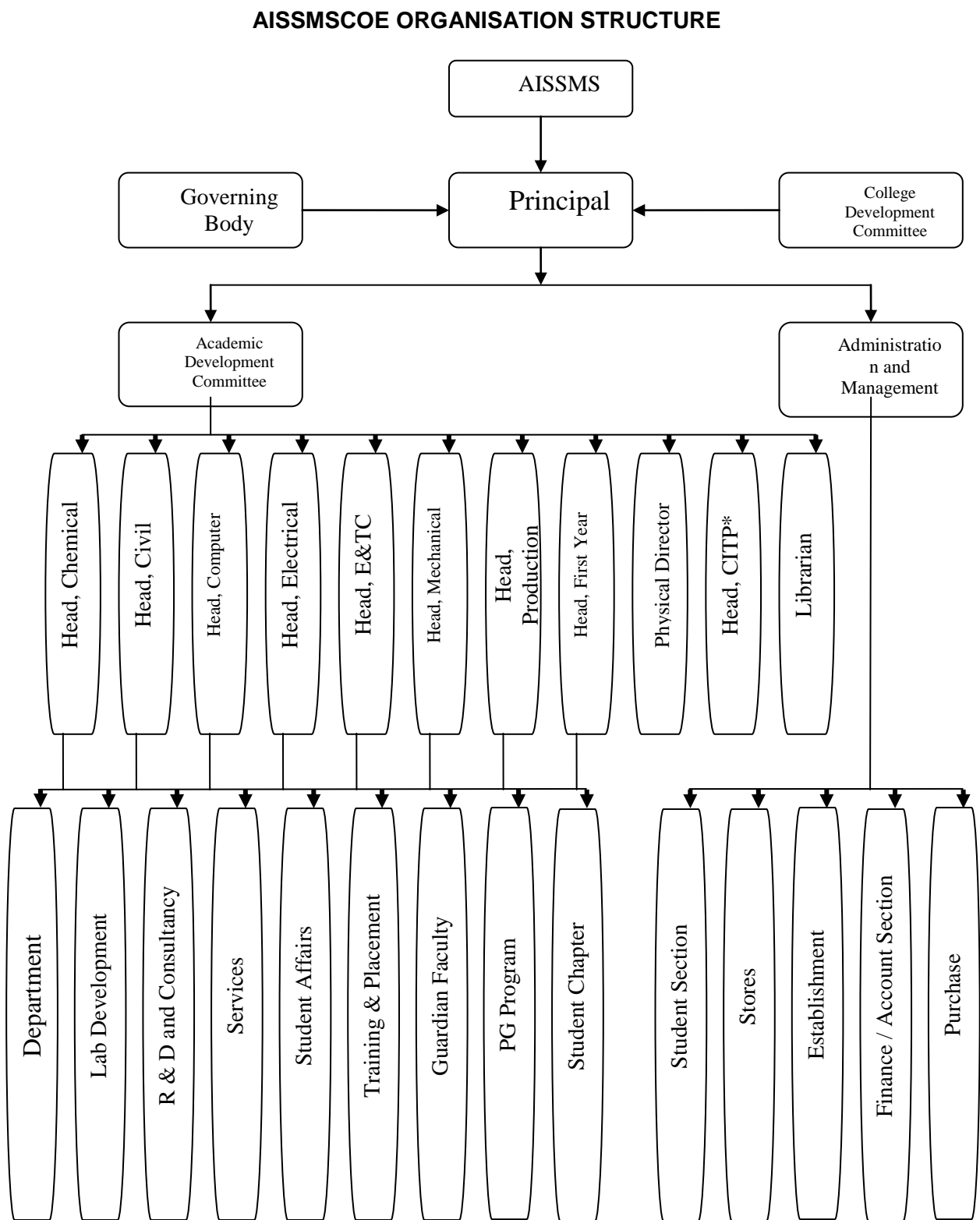
(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



5.3 Frequently of the Board Meeting and Academic Advisory Body

| Sr No | Name of the Committee     | Frequently of the Meeting  |
|-------|---------------------------|--|
| 1     | Society / Board Committee | The Meetings of the Managing Committee are held at 3 to 4 times in a year. |
| 2     | Academic Advisory Body    | The Meetings of the Governing Body are held at 3 to 4 times in a year      |

5.4 Organizational chart and processes



- **Organizational processes:** The Hon. Secretary represents the Management of the Society. He is assisted by the college Governing Body, College Development Committee (CDC) and the Principal is responsible towards academic activity and Management of the college. The college is divided in 3 main areas :
- i. Engineering Education Programme
  - ii. Management & Administration
  - iii. Overall Management

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The Engineering Programmes are run through the department. The department activities are divided in 8 sub-activities :

- i. Computer Applications
- ii. Departmental Library
- iii. Laboratory Development
- iv. Services
- v. Student Related Activities and Alumni
- vi. R & D
- vii. P.G. Co-ordination
- viii. Testing & Consultancy

The day to day management & administration of the college is divided in 4 main areas namely:

- i. General Administration
- ii. Finance
- iii. Personnel
- iv. Materials

The overall management of the college is divided in 7 main areas namely :

- i. Organization & Governance
- ii. Financial Resources
- iii. Physical Resources
- iv. Human Resources ( Faculty & Staff )
- v. Human Resources (Students)
- vi. Teaching & Learning
- vii. Research and Development (R&D)

#### 5.5 Nature and Extent of involvement of Faculty and Students in academic affairs / improvements

The teaching faculty and the students of the college are deeply involved in continuous improvement of the academic standard. This involvement is a continuous process which takes place through the following forums :

- 1) Department-wise students' organizations.
- 2) Department-wise meetings of Guardian Faculty Member with the students (periodic)
- 3) Departmental Faculty meetings on weekly basis
- 4) Meetings of Heads of department with principal on weekly basis
- 5) Meetings of departmental faculty with the Principal on weekly basis.
- 6) Representation of faculty member in College Development Committee (CDC). The meetings of all these forums take place regularly and minutes are maintained.
- 7) Students council.

#### 5.6 Mechanism / Norms and Procedure for democratic / good Governance

The Management & administration of the college is totally transparent. All issues related to the academic development, career development of teachers, development of infrastructure, training and placement of students are thoroughly discussed in the departmental meetings and meetings of Heads of the departments with the principal, before implementation at the college level.

#### 5.7 Student Feedback on Institutional Governance / Faculty performance

The Students' feedback on the institutional aspects and faculty performance is obtained at the end of each term i.e. twice a year. The feedback is analysed at the level of heads of the department and corrective measures are taken whenever appropriate.

#### 5.8 Grievance Redressal mechanisms for Faculty, staff and students

The College is affiliated to Savitribai Phule Pune University, Pune. The University already has a grievance redressal mechanism for the faculty, staff & students. However at the College level, grievance redressal committee as per AICTE norms has been formed to deal with the day to day as well as urgent problems of the faculty, staff, students.

| Sr No | Name and address of the member                            | Designation        | e-mail                    | Contact number |
|-------|---|--------------------|---------------------------|----------------|
| 1     | <b>Dr (Mrs) M S Deshpande, Professor in Chemistry</b>     | <b>Coordinator</b> | msdeshpande@aissmscoe.com | 7588696582     |
| 2     | Mr P B Nangare, Assistant Professor in Civil Engineering  | Member             | pbnangare@aissmscoe.com   | 9423031807     |
| 3     | Ms M V Waghmare, Assistant Professor in Civil Engineering | Member             | mvwaghmare@aissmscoe.com  | 9881693021     |

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|   |  |               |                               |                   |
|---|--|---------------|-------------------------------|-------------------|
| 4 | Mr S V Chaitanya,<br>Assistant Professor in<br>Mechanical Engineering          | Member        | svchaitanya@aissmscoe.com     | 9767217566        |
| 5 | Ms S S Chauhan,<br>Finance Accounts Officer                                    | Member        | sschauhan@aissmscoe.com       | 9765492724        |
| 6 | <b>Shri Sushant Rajendra Patil,<br/>General Secretary (Student<br/>Member)</b> | <b>Member</b> | <b>srpatil@rediffmail.com</b> | <b>0000000000</b> |

#### 5.9 Establishment of Anti Ragging Committee

| Sr No | Name and address of the member  | Designation        | e-mail                   | Contact number |
|-------|---|--------------------|--------------------------|----------------|
| 1     | <b>Mr V R Patil,<br/>Assistant Professor &amp;<br/>Head, First Year<br/>Engineering</b> | <b>Coordinator</b> | vrpatil@aissmscoe.com    | 9890001506     |
| 2     | Dr M K Nikam,<br>Associate Professor in<br>Engineering Mathematics                      | Member             | mknikam@aissmscoe.com    | 9850981540     |
| 3     | Dr S K Upasani,<br>Associate Professor in<br>Chemistry                                  | Member             | skupasani@aissmscoe.com  | 9422881122     |
| 4     | Mr A J Kadam,<br>Assistant Professor in<br>Computer Engineering                         | Member             | ajkadam@aissmscoe.com    | 9421089450     |
| 5     | Mr A B Bhonsle,<br>Administrative Officer   | Member             | abbhonsale@aissmscoe.com | 9422083341     |
| 6     | Dr M M Kondhare,<br>Physical Director   | Member             | mmkondhare@aissmscoe.com | 9881294721     |

#### 5.10 Establishment of Online Grievance Redressal Mechanism

| Sr No | Name and address of the member   | Designation        | e-mail                        | Contact number    |
|-------|--|--------------------|-------------------------------|-------------------|
| 1     | <b>Dr (Mrs) M S Deshpande,<br/>Professor in Chemistry</b>                      | <b>Coordinator</b> | msdeshpande@aissmscoe.com     | 7588696582        |
| 2     | Mr P B Nangare,<br>Assistant Professor in Civil<br>Engineering                 | Member             | pbnangare@aissmscoe.com       | 9423031807        |
| 3     | Ms M V Waghmare,<br>Assistant Professor in Civil<br>Engineering                | Member             | mvwaghmare@aissmscoe.com      | 9881693021        |
| 4     | Mr S V Chaitanya,<br>Assistant Professor in<br>Mechanical Engineering          | Member             | svchaitanya@aissmscoe.com     | 9767217566        |
| 5     | Ms S S Chauhan,<br>Finance Accounts Officer                                    | Member             | sschauhan@aissmscoe.com       | 9765492724        |
| 6     | <b>Shri Sushant Rajendra Patil,<br/>General Secretary (Student<br/>Member)</b> | <b>Member</b>      | <b>srpatil@rediffmail.com</b> | <b>0000000000</b> |

#### 5.11 Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University (Committee appointment as per SPPU letter No. CA/4197, dt. 21.12.2012)

| Sr No | Name and address of the member  | Designation | e-mail                     | Contact number             |
|-------|---|-------------|----------------------------|----------------------------|
| 1     | Adv Shrikant Narayan Patil<br>C-45, Swapna nagari, Karve Road, Near Aurved<br>Rasshala, Pune - 411004   | Advocate    | dyracademic@unipune.ac.in  | 020-25691233<br>9371005807 |
| 2     | Dr Pravin Digambar Choudhari, Progressive<br>Education Society's Modrn College of Pharmacy,<br>Sector No.21, Yamunanagar, Nigdi, Pune –<br>411044 | Principal   | pdchaudhari@rediffmail.com | 020-27661314<br>9850179873 |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|   |   |           |                           |                            |
|---|---|-----------|---------------------------|----------------------------|
| 3 | Dr E B Khedkar<br>Dr D Y Patil School of Management, Lohagaon, Pune   | Director  | dyracademic@unipune.ac.in | 020-25691233<br>9822621000 |
| 4 | Dr Milind Vasant Telang<br>Sinhgad Technical Education Society's Sinhgad College of Architecture, Vadgaon Bk, Sinhgad Raod, Tal-Haveli, Dist-Pune | Principal | scoa@sinhgad.edu          | 020-24351439<br>9822679588 |
| 5 | Dr Dattatraya Shankar Bormane<br>JSPM's Rajashree Shahu College of Engineering, Thathawade, Pune  | Principal | bdattatraya@yahoo.com     | 020-22933424<br>9850282286 |

#### 5.12 Establishment of Internal Complaint Committee (ICC)

| Sr No | Name and address of the member   | Designation        | e-mail                   | Contact number |
|-------|--|--------------------|--------------------------|----------------|
| 1     | <b>Dr (Mrs) P S Gajjal</b> , Associate Professor in Mechanical Engineering | <b>Coordinator</b> | psgajjal@aissmscoe.com   | 7776920305     |
| 2     | Ms S J Pachouly, Assistant Professor in Computer Engineering               | Member             | sjpachouly@aissmscoe.com | 9623433699     |
| 3     | Ms V S Dandawate, Librarian  | Member             | vsdanawate@aissmscoe.com | 9689139765     |
| 4     | Mr S S Pimpale, Registrar  | Member             | sspimpale@aissmscoe.com  | 8007959494     |
| 5     | Mr M D Bhalerao, Senior Clerk  | Member             | mdbhalerao@yahoo.co.in   | 9922757647     |
| 6     | Mr D S Kulkarni, Technical Assistant                                       | Member             | dskulkarni@aissmscoe.com | 9921195926     |

#### 5.13 Establishment of Committee for SC/ST

| Sr No | Name and address of the member                            | Designation        | e-mail                   | Contact number |
|-------|---|--------------------|--------------------------|----------------|
| 1     | <b>Dr N N Shejwal</b> , Assistant Professor in Chemistry  | <b>Coordinator</b> | nnshejwal@aissmscoe.com  | 9422309104     |
| 2     | Dr P M Dange, Associate Professor in Chemical Engineering | Member             | pmdange@aissmscoe.com    | 8097399142     |
| 3     | Ms M V Waghmare, Assistant Professor in Civil Engineering | Member             | mvwaghmare@aissmscoe.com | 9881693021     |
| 4     | Mr N V Walke, Workshop Instructor                         | Member             | nvwalke@aissmscoe.com    | 9890614091     |

#### 5.14 Internal Quality Assurance Cell

| Sr No | Category                | Name and address of the member                                 | Designation             | e-mail                   | Contact number |
|-------|-------------------------|--|-------------------------|--------------------------|----------------|
| 1     | Chairperson             | Dr D S Bormane, Principal                                      | Head of the Institution | principa@aissmscoe.com   | 9850282286     |
| 2     | IQAC Coordinator        | Dr S H Wankhade, Associate Professor in Mechanical Engineering | Coordinator             | shwankhade@aissmscoe.com | 9689916950     |
| 3     | Administrative officers | Dr S R Parekar, Professor in Civil Engineering                 | HoD Civil               | srparekar@aissmscoe.com  | 9922932711     |
|       |                         | Dr A A Godbole, Professor in Electrical Engineering            | HoD Electrical          | aagodbole@aissmscoe.com  | 9850503410     |
|       |                         | Dr D G Bhalke, Professor in E&TC Engineering                   | NAAC Coordinator        | dgbhalke@aissmscoe.com   | 9028299230     |
|       |                         | Mr A B Bhonsle   | Administrative Officer  | abbhonsale@aissmscoe.com | 9422083341     |
|       |                         | Mr S P Pimpale   | Registrar               | sppimpale@aissmscoe.com  | 8007959494     |

Place : Pune

Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



|   |                   |   |  |                           |            |
|---|-------------------|---|--|---------------------------|------------|
| 4 | Faculty           | Dr M S Deshpande, Professor in Chemistry                        | Prof, Chemical Engg                        | msdeshpande@aissmscoe.com | 7588696582 |
|   |                   | Dr S V Chaitanya, Assistant Professor in Mechanical Engineering | AP, Mechanical Engg                        | svchaitanya@aissmscoe.com | 9767217566 |
|   |                   | Dr M H Dhend, Assistant Professor in Electrical Engineering     | AP, Electrical Engg                        | mhdhend@aissmscoe.com     | 9420696493 |
|   |                   | Dr S F Sayyad, Assistant Professor in Computer Engineering      | AP, Computer Engg                          | ssshaikh@aissmscoe.com    | 9422777597 |
| 5 | Management member | Mr S P Shinde   | Joint Secretary, AISSMSociety              | honjtsecretary@gmail.com  | 9422036902 |
| 6 | Student member    | Mr S R Patil  | Student General Secretary                  |                           |            |
| 7 | Employer          | Mr A S Tambe  | MD, Reanu Microelectronics Pvt Ltd, Pune   |                           |            |
|   | Industrialist     | Mr R R Deshpande  | Jt MD, Kirloskar Oil Engines Limited, Pune |                           |            |
|   | Parent            | Mr H J Joshi  | Joint Director, JSPM, Pune                 |                           |            |

|            |                   |
|------------|-------------------|
| <b>(6)</b> | <b>Programmes</b> |
|------------|-------------------|

| Sr No | Name of Programmes approved by AICTE  | Programmes Accredited by AICTE | Status of Accreditation of the Courses | Courses for which applied for Accreditation              | Status of Accreditation<br>(Preliminary / Applied for SAR and result awaited / Applied for SAR and visits completed / Results of the visits awaited / Rejected / Approval for ... Courses) |
|-------|---|--------------------------------|--|--|--|
| 1     | Chemical Engineering  | No                             | Not Applicable                         | The National Assessment and Accreditation Council (NAAC) | Accredited with A+ Grade for 5 years validity till 25.09.2023 (CGPA 3.29)  |
| 2     | Civil Engineering   |                                |  |  |  |
| 3     | Computer Engineering  |                                |  |  |  |
| 4     | Electrical Engineering  |                                |  |  |  |
| 5     | Electronics and Telecommunication Engineering                                 |                                |  |  |  |
| 6     | Mechanical Engineering  |                                |  |  |  |
| 7     | Mechanical Engineering (Sandwich Pattern)                                     |                                |  |  |  |
| 8     | Production Engineering (Sandwich Pattern)                                     |                                |  |  |  |
| 9     | ME -Chemical Engineering  |                                |  |  |  |
| 10    | ME - Civil Engineering (Structural Engineering)                               |                                |  |  |  |
| 11    | ME -Computer Engineering  |                                |  |  |  |
| 12    | ME - Electrical Engineering (Power Electronics and Drives)                    |                                |  |  |  |
| 13    | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) |                                |  |  |  |
| 14    | ME - Mechanical Engineering (Automotive Engineering)                          |                                |  |  |  |
| 15    | ME - Mechanical Engineering (Design Engineering)                              |                                |  |  |  |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

**For each Programme the following details are to be given :**

| Sr No | Name of the programmes  | No of seats | Duration | Cut off marks / rank of admission during the last three years | Fee      | Placement facilities  | Campus Placement in last three years with |
|-------|---|-------------|----------|---|----------|---|---|
| 1     | Chemical Engineering  | 60          | 4 yrs    | 2017-18 =105-46*  | 109500/- | Soft Skill / Aptitude / company specific training.  | 2017-18 =41                               |
|       |   |             |          | 2018-19 =127-41*  | 107500/- |   | 2018-19 =42                               |
|       |   |             |          | 2019-20 =98.06-18.13**  | 136000/- |   | 2019-20 =30                               |
| 2     | Civil Engineering   | 120         | 4 yrs    | 2017-18 =145-54*  | 109500/- | Employability Tests.  | 2017-18 =3                                |
|       |   |             |          | 2018-19 =144-52*  | 107500/- |   | 2018-19 =12                               |
|       |   |             |          | 2019-20 =93.54-11.43**  | 136000/- |   | 2019-20 =0                                |
| 3     | Computer Engineering  | 60          | 4 yrs    | 2017-18 =131-73*  | 109500/- | Add on industry based courses.  | 2017-18 =69                               |
|       |   |             |          | 2018-19 =129-49*  | 107500/- |   | 2018-19 =167                              |
|       |   |             |          | 2019-20 =98.30-20.54**  | 136000/- |   | 2019-20 =119                              |
| 4     | Computer Engineering (Second Shift)   | 60          | 4 yrs    | 2017-18 =118-67*  | 109500/- | Certificate courses.  | 2017-18 =69                               |
|       |   |             |          | 2018-19 =135-67*  | 107500/- |   | 2018-19 =167                              |
|       |   |             |          | 2019-20 =97.49-66.88**  | 136000/- |   | 2019-20 =119                              |
| 5     | Electrical Engineering  | 60          | 4 yrs    | 2017-18 =108-58*  | 109500/- | Interview / GD rooms Audio-Visual systems, A/C Seminar hall, Computer facilities with internet. | 2017-18 =34                               |
|       |   |             |          | 2018-19 =113-54*  | 107500/- |   | 2018-19 =12                               |
|       |   |             |          | 2019-20 =91.78-20.15**  | 136000/- |   | 2019-20 =21                               |
| 6     | Electronics and Telecommunication Engineering                                 | 60          | 4 yrs    | 2017-18 =106-59*  | 109500/- |   | 2017-18 =26                               |
|       |   |             |          | 2018-19 =110-49*  | 107500/- |   | 2018-19 =12                               |
|       |   |             |          | 2019-20 =95.02-22.41**  | 136000/- |   | 2019-20 =10                               |
| 7     | Mechanical Engineering  | 120         | 4 yrs    | 2017-18 =133-51*  | 109500/- |   | 2017-18 =62                               |
|       |   |             |          | 2018-19 =122-43*  | 107500/- |   | 2018-19 =54                               |
|       |   |             |          | 2019-20 =94.86-15.62**  | 136000/- |   | 2019-20 =61                               |
| 8     | Mechanical Engineering (Sandwich Pattern)                                     | 60          | 4 yrs    | 2017-18 =118-39*  | 109500/- |   | 2017-18 =21                               |
|       |   |             |          | 2018-19 =111-61*  | 107500/- |   | 2018-19 =15                               |
|       |   |             |          | 2019-20 =86.65-21.29**  | 136000/- |   | 2019-20 =6                                |
| 9     | Production Engineering (Sandwich Pattern)                                     | 60          | 4 yrs    | 2017-18 =103-52*  | 109500/- |   | 2017-18 =31                               |
|       |   |             |          | 2018-19 =104-43*  | 107500/- |   | 2018-19 =7                                |
|       |   |             |          | 2019-20 =75.06-20.45**  | 136000/- |   | 2019-20 =8                                |
| 10    | ME -Chemical Engineering  | 18          | 2 yrs    | 2017-18 =18.05-7.11*  | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =15.33-8*   | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =20.33-7.33*  | 136000/- |   | 2019-20 =0                                |
| 11    | ME - Civil Engineering (Structural Engineering)                               | 18          | 2 yrs    | 2017-18 =74.20-03.01*   | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =36.9-4.03*   | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =27.37-7.70*  | 136000/- |   | 2019-20 =0                                |
| 12    | ME -Computer Engineering  | 18          | 2 yrs    | 2017-18 =16.10-0.67*  | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =15.33-1.33*  | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =18-11*   | 136000/- |   | 2019-20 =0                                |
| 13    | ME - Electrical Engineering (Power Electronics and Drives)                    | 18          | 2 yrs    | 2017-18 =42.0-5.67*   | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =69.96-6.33*  | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =71.63-66.27*   | 136000/- |   | 2019-20 =0                                |
| 14    | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | 18          | 2 yrs    | 2017-18 =73.80-3.33*  | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =8.00*  | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =10-8.65*   | 136000/- |   | 2019-20 =0                                |
| 15    | ME - Mechanical Engineering (Automotive Engineering)                          | 18          | 2 yrs    | 2017-18 =43.2-0.56*   | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =11.78-6.84*  | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =62.70-9.80*  | 136000/- |   | 2019-20 =0                                |
| 16    | ME - Mechanical Engineering (Design Engineering)                              | 18          | 2 yrs    | 2017-18 =63.91-1.88*  | 79500/-  |   | 2017-18 =0                                |
|       |   |             |          | 2018-19 =60.00-7.17*  | 107000/- |   | 2018-19 =0                                |
|       |   |             |          | 2019-20 =36.6-4.39*   | 136000/- |   | 2019-20 =0                                |

\* Total CET score, \*\* Total percentile of CET

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

**Placement :**

| Sr No | Name of the programmes  | Placement facilities  | Campus Placement in last 3 years with |      |      | Salary  |          |         |
|-------|---|---|---------------------------------------|------|------|---------|----------|---------|
|       |   |   | 2017                                  | 2018 | 2019 | Minimum | Maximum  | Average |
| 1     | Chemical Engineering  | Soft Skill / Aptitude / company specific training.  | 41                                    | 42   | 30   | 3 LPA   | 6 LPA    | 4.5 LPA |
| 2     | Civil Engineering   |   | 3                                     | 12   | 0    | 3 LPA   | 6 LPA    | 4.5 LPA |
| 3     | Computer Engineering  |   | 69                                    | 167  | 119  | 3 LPA   | 6.62 LPA | 4.5 LPA |
| 4     | Electrical Engineering  | Employability Tests.  | 34                                    | 12   | 21   | 3 LPA   | 6 LPA    | 4.5 LPA |
| 5     | Electronics and Telecommunication Engineering                                 |   | 26                                    | 12   | 10   | 3 LPA   | 6 LPA    | 4.5 LPA |
| 6     | Mechanical Engineering  |   | 62                                    | 54   | 61   | 3 LPA   | 12.4 LPA | 4.5 LPA |
| 7     | Mechanical Engineering (Sandwich Pattern)                                     | Add on industry based courses.  | 21                                    | 15   | 6    | 3 LPA   | 6 LPA    | 4.5 LPA |
| 8     | Production Engineering (Sandwich Pattern)                                     |   | 31                                    | 7    | 8    | 3 LPA   | 6 LPA    | 4.5 LPA |
| 9     | ME -Chemical Engineering  |   | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 10    | ME - Civil Engineering (Structural Engineering)                               | Certificate courses.  | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 11    | ME -Computer Engineering  |   | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 12    | ME - Electrical Engineering (Power Electronics and Drives)                    |   | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 13    | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | Interview / GD rooms Audio-Visual systems, A/C Seminar hall, Computer facilities with internet. | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 14    | ME - Mechanical Engineering (Automotive Engineering)                          |   | 0                                     | 0    | 0    | 0       | 0        | 0       |
| 15    | ME - Mechanical Engineering (Design Engineering)                              |   | 0                                     | 0    | 0    | 0       | 0        | 0       |

**Name and duration of programme (s) having Twinning and Collaboration with Foreign University(s) and being run in the same campus along with status of their AICTE approval. If there is Foreign Collaboration, give the University.(Not Applicable)**

|   |  |
|---|--|
| Name of the University  |  |
| Address   |  |
| Website   |  |
| Accreditation status of the University in its Home Country  |  |
| Ranking of the University in the Home Country   |  |
| Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country |  |
| Nature of Collaboration   |  |
| Conditions of Collaboration   |  |
| Complete details of payment a student has to make to get the full benefit of Collaboration  |  |

**For each programme Collaborated provide the following :(Not Applicable)**

|  |  |
|--|--|
| Programme Focus  |  |
| Number of seats  |  |
| Admission procedure  |  |
| Fee  |  |
| Placement Facility   |  |
| Placement Records for last three years with minimum salary, maximum salary and average salary  |  |
| Whether the Collaboration programme is approved by AICTE? If not whether the Domestic / Foreign University has applied to AICTE for approval |  |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

(7) Faculty :

| Sr No | Name of programme    | Name of the Faculty members               | Designation                                       | Nature of appointment (Permanent, Temporary, Adjunct, Visiting) | Remarks |
|-------|----------------------|---|---|---|---------|
| 1     | E&TC Engineering     | Dr Dattatraya Shankar Bormane             | Principal   | Permanent   |         |
| 2     | Chemical Engineering | Dr Parmanand Namdeoji Dange               | Associate Professor in Chemical Engineering & HOD | Permanent   |         |
| 3     | Chemical Engineering | Dr (Mrs) Manjusha Sunil Deshpande (Joshi) | Professor in Chemistry                            | Permanent   |         |
| 4     | Chemical Engineering | Dr Kanhaiya Rangnathlal Jethani           | Professor in Chemical Engineering                 | Temporary   |         |
| 5     | Chemical Engineering | Shri Abhijeet Shankar Jadhav              | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 6     | Chemical Engineering | Dr Makrand Yashwant Naniwadekar           | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 7     | Chemical Engineering | Ms Hemlata Laxmanrao Kamble               | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 8     | Chemical Engineering | Shri Prashant Motiram Warke               | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 9     | Chemical Engineering | Shri Kiran Bharatlal Gandhi               | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 10    | Chemical Engineering | Dr Suhas Baburao Ghugare                  | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 11    | Chemical Engineering | Ms KanchanNitinBawankar                   | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 12    | Chemical Engineering | Dr Ashish Vishvanth Mohod                 | Assistant Professor in Chemical Engineering       | Permanent   |         |
| 13    | Chemical Engineering | Shri Rajendra Saudagar Raut               | Assistant Professor in Chemical Engineering (PG)  | Permanent   |         |
| 14    | Chemical Engineering | Shri Pravin Sudhakar Tadkar               | Assistant Professor in Chemical Engineering       | Temporary   |         |
| 15    | Civil Engineering    | Dr Uttam Ramchandra Awari                 | Associate Professor in Civil Engineering & HOD    | Permanent   |         |
| 16    | Civil Engineering    | Dr Suresh Ramraje Parekar                 | Professor in Civil Engineering (PG)               | Permanent   |         |
| 17    | Civil Engineering    | Dr (Mrs) Vidya NitinPatil (Desai)         | Associate Professor in Civil Engineering          | Permanent   |         |
| 18    | Civil Engineering    | Shri Prakash Baburao Nangare              | Assistant Professor in Civil Engineering          | Permanent   |         |
| 19    | Civil Engineering    | Shri RavindraDadasoNalawade               | Assistant Professor in Civil Engineering          | Permanent   |         |
| 20    | Civil Engineering    | Shri Sanjay DevidasNagrle                 | Assistant Professor in Civil Engineering          | Permanent   |         |
| 21    | Civil Engineering    | Shri DnyaneshwarVasantWadkar              | Assistant Professor in Civil Engineering          | Permanent   |         |
| 22    | Civil Engineering    | Shri VivekSheshraoChavhan                 | Assistant Professor in Civil Engineering          | Permanent   |         |
| 23    | Civil Engineering    | Shri PankajRamnathModak                   | Assistant Professor in Civil Engineering          | Permanent   |         |
| 24    | Civil Engineering    | Mrs KalyaniNinadKulkarni (Sant)           | Assistant Professor in Civil Engineering          | Permanent   |         |
| 25    | Civil Engineering    | Shri Ganesh ChandrakantChikute            | Assistant Professor in Civil Engineering          | Permanent   |         |
| 26    | Civil Engineering    | Mrs Megha Sumedh Chiwande                 | Assistant Professor in Civil Engineering          | Permanent   |         |
| 27    | Civil Engineering    | Shri Uttam Jalindhar Jadhav               | Assistant Professor in Civil Engineering          | Permanent   |         |
| 28    | Civil Engineering    | Mrs Sonal Amit Chavan                     | Assistant Professor in Civil Engineering          | Permanent   |         |
| 29    | Civil Engineering    | Mrs Manisha Vaibhav Waghmare              | Assistant Professor in Civil Engineering (PG)     | Permanent   |         |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|    |                        |  |  |           |  |
|----|------------------------|--|--|-----------|--|
| 30 | Civil Engineering      | Shri Chetan Shivaji Misal                | Assistant Professor in Civil Engineering               | Temporary |  |
| 31 | Civil Engineering      | Ms Aparna Mahadeorao Deulkar             | Assistant Professor in Civil Engineering               | Temporary |  |
| 32 | Civil Engineering      | Mrs Sneha Purushottam Khedekar           | Assistant Professor in Civil Engineering               | Temporary |  |
| 33 | Civil Engineering      | Ms Shalaka Sanjay Shah                   | Assistant Professor in Civil Engineering               | Temporary |  |
| 34 | Civil Engineering      | Ms Kojagiri Dagadu Kashid                | Assistant Professor in Civil Engineering               | Temporary |  |
| 35 | Computer Engineering   | Dr Dwarkoba Pandurang Gaikwad            | Associate Professor in Computer Engineering (PG) & HOD | Permanent |  |
| 36 | Computer Engineering   | Dr (Mrs) Madhavi Ajay Pradhan            | Associate Professor in Computer Engineering            | Permanent |  |
| 37 | Computer Engineering   | Dr (Mrs) Shabnam Farook Sayyad (Shaikh)  | Assistant Professor in Computer Engineering            | Permanent |  |
| 38 | Computer Engineering   | Shri Nitin Ramesh Talhar                 | Assistant Professor in Computer Engineering            | Permanent |  |
| 39 | Computer Engineering   | Shri Anilkumar Jaganathrao Kadam         | Assistant Professor in Computer Engineering            | Permanent |  |
| 40 | Computer Engineering   | Dr Shashikant Viswasrao Athawale         | Assistant Professor in Computer Engineering            | Permanent |  |
| 41 | Computer Engineering   | Ms Sonali Ramdas Nalamwar                | Assistant Professor in Computer Engineering            | Permanent |  |
| 42 | Computer Engineering   | Ms Anuradha Shriram Deokar               | Assistant Professor in Computer Engineering            | Permanent |  |
| 43 | Computer Engineering   | Ms Bhushra Raziuddin Quazi (Aslam Sayad) | Assistant Professor in Computer Engineering            | Permanent |  |
| 44 | Computer Engineering   | Shri Amol Mahadeo Jagtap                 | Assistant Professor in Computer Engineering            | Permanent |  |
| 45 | Computer Engineering   | Ms Mrs Vidya Avinash Gire (Waykule)      | Assistant Professor in Computer Engineering            | Permanent |  |
| 46 | Computer Engineering   | Mrs Deepali Milind Ujlambkar             | Assistant Professor in Computer Engineering            | Permanent |  |
| 47 | Computer Engineering   | Shri Sumedh Gangadhar Dhengre            | Assistant Professor in Computer Engineering            | Permanent |  |
| 48 | Computer Engineering   | Mrs Shikha Jalaji Pachouly               | Assistant Professor in Computer Engineering            | Permanent |  |
| 49 | Computer Engineering   | Ms Ankita Aditya Gupta                   | Assistant Professor in Computer Engineering            | Temporary |  |
| 50 | Computer Engineering   | Mrs Bhakti Amit Patil                    | Assistant Professor in Computer Engineering            | Temporary |  |
| 51 | Computer Engineering   | Ms Manasi Mahadeo Phadatare              | Assistant Professor in Computer Engineering            | Temporary |  |
| 52 | Computer Engineering   | Shri Nilesh Shrikant Devekar             | Assistant Professor in Computer Engineering            | Temporary |  |
| 53 | Computer Engineering   | Shri Swamiraj Shahajirao Jadhav          | Assistant Professor in Computer Engineering            | Temporary |  |
| 54 | Computer Engineering   | Ms Swati Shripadrao Deshmukh             | Assistant Professor in Computer Engineering            | Temporary |  |
| 55 | Computer Engineering   | Ms Minal Mallikarjun Swami               | Assistant Professor in Computer Engineering            | Temporary |  |
| 56 | Computer Engineering   | Ms Snehal Sambhaji Kolte                 | Assistant Professor in Computer Engineering            | Temporary |  |
| 57 | Electrical Engineering | Dr (Mrs) Ashwini Avinash Godbole         | Professor in Electrical Engineering (PG)& HOD          | Permanent |  |
| 58 | Electrical Engineering | Dr (Mrs) Mangala Hemant Dhend            | Assistant Professor in Electrical Engineering          | Permanent |  |
| 59 | Electrical Engineering | Shri Shivnandagouda Kallanagouda Biradar | Assistant Professor in Electrical Engineering          | Permanent |  |
| 60 | Electrical Engineering | Mrs Aishwrya Ashish Apte                 | Assistant Professor in Electrical Engineering          | Permanent |  |
| 61 | Electrical Engineering | Shri Laxman Shivaji Godse                | Assistant Professor in Electrical Engineering          | Permanent |  |
| 62 | Electrical Engineering | Ms Swetha Rajan Lengade                  | Assistant Professor in Electrical Engineering          | Permanent |  |

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



|    |                        |  |   |           |  |
|----|------------------------|--|---|-----------|--|
| 63 | Electrical Engineering | Shri Vasudeo Shrikant Ponkshe                | Assistant Professor in Electrical Engineering                   | Permanent |  |
| 64 | Electrical Engineering | Mrs Padmaja Krunshnakanth Sankala (Kakanuru) | Assistant Professor in Electrical Engineering                   | Permanent |  |
| 65 | Electrical Engineering | Mrs Vishakha NitinTarange (Deokate)          | Assistant Professor in Electrical Engineering                   | Permanent |  |
| 66 | Electrical Engineering | Shri Charudatta Dileep Rao Kulkarni          | Assistant Professor in Electrical Engineering                   | Permanent |  |
| 67 | Electrical Engineering | Shri Rahul Sadashiv Shinde                   | Assistant Professor in Electrical Engineering                   | Temporary |  |
| 68 | Electrical Engineering | Dr (Mrs) Deepika Srivastava                  | Assistant Professor in Electrical Engineering                   | Temporary |  |
| 69 | Electrical Engineering | Mrs SreerexhaVadi                            | Assistant Professor in Electrical Engineering                   | Temporary |  |
| 70 | Electrical Engineering | Ms Simeen Shabbir Mujawar                    | Assistant Professor in Electrical Engineering                   | Temporary |  |
| 71 | E&TC Engineering       | Dr Daulappa Guranna Bhalke                   | Professor in Electronics and Telecommunication Engineering& HOD | Permanent |  |
| 72 | E&TC Engineering       | Mrs Kirtimalini Bhalchandra Chaudhari        | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 73 | E&TC Engineering       | Shri Aslam Yusuf Kazi                        | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 74 | E&TC Engineering       | Shri Nitin Pandurang Mawale                  | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 75 | E&TC Engineering       | Ms Vismita Devidas Nagrale                   | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 76 | E&TC Engineering       | Ms Vidya Vijay Deshmukh                      | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 77 | E&TC Engineering       | Dr (Mrs) Prachi Prashant Vast (Kalsekar)     | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 78 | E&TC Engineering       | Mrs Vaishnavi Sunil Navale                   | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 79 | E&TC Engineering       | Mrs Yogita Pradip Lad                        | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 80 | E&TC Engineering       | Shri Santosh BaburaoDhekale                  | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 81 | E&TC Engineering       | Shri Vipin BhaskarraoGawai                   | Assistant Professor in Electronics Engineering                  | Permanent |  |
| 82 | E&TC Engineering       | Mrs Rajeshri Rahul Itkarkar                  | Assistant Professor in E&TC Engineering                         | Temporary |  |
| 83 | E&TC Engineering       | Ms Smita Anil Takalkar                       | Assistant Professor in E&TC Engineering                         | Temporary |  |
| 84 | Mechanical Engineering | Dr Bhanudas Dattatraya Bachchhav             | Professor in Mechanical Engineering (PG) & HOD                  | Permanent |  |
| 85 | Mechanical Engineering | Dr Avinash Vishvanath Waghmare               | Associate Professor in Mechanical Engineering                   | Permanent |  |
| 86 | Mechanical Engineering | Dr Dinesh Yashwant Dhande                    | Associate Professor in Mechanical Engineering (PG)              | Permanent |  |
| 87 | Mechanical Engineering | Dr Mangesh Ravindra Phate                    | Associate Professor in Mechanical Engineering                   | Permanent |  |
| 88 | Mechanical Engineering | Dr (Mrs) Priya Shekhar Gajjal                | Associate Professor in Mechanical Engineering                   | Permanent |  |
| 89 | Mechanical Engineering | Dr Manish Sheshrao Deshmukh                  | Associate Professor in Mechanical Engineering (PG)              | Permanent |  |
| 90 | Mechanical Engineering | Dr Shrikant Vasudeo Chaitanya                | Assistant Professor in Mechanical Engineering                   | Permanent |  |
| 91 | Mechanical Engineering | Dr Chandrakishor Shrirang Choudhari          | Assistant Professor in Mechanical Engineering                   | Permanent |  |
| 92 | Mechanical Engineering | Shri Sunil Ramsing Patil                     | Assistant Professor in Mechanical Engineering                   | Permanent |  |
| 93 | Mechanical Engineering | Shri Prashant Vasant Rao Deshmukh            | Assistant Professor in Mechanical Engineering                   | Permanent |  |

Place : Pune

Date : 01 August 2020

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**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|     |                        |                                     |  |           |  |
|-----|------------------------|-------------------------------------|--|-----------|--|
| 94  | Mechanical Engineering | Shri Anil Pundlik Desale            | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 95  | Mechanical Engineering | Shri Rahul Ashok Marne              | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 96  | Mechanical Engineering | Dr Chandrashekhar Suresh Dharankar  | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 97  | Mechanical Engineering | Dr Shirish Jaysing Navale           | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 98  | Mechanical Engineering | Shri Mangesh Umakant Gan            | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 99  | Mechanical Engineering | Shri Omprakash Anandrao More        | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 100 | Mechanical Engineering | Shri Pankaj Shankarrao Aglawe       | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 101 | Mechanical Engineering | Shri Milind Sadashiv Swami          | Assistant Professor in Mechanical Engineering (Sandwich) | Permanent |  |
| 102 | Mechanical Engineering | Mrs Ashwini Tanaji Thombare (Tonde) | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 103 | Mechanical Engineering | Mrs Margi Pritesh Shah (Chokshi)    | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 104 | Mechanical Engineering | Shri Gopal Pandurang Lohar          | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 105 | Mechanical Engineering | Shri Manoj Ramesh Dahake            | Assistant Professor in Mechanical Engineering            | Permanent |  |
| 106 | Mechanical Engineering | Shri Manoj Prakash Bauskar          | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 107 | Mechanical Engineering | Shri Shivaraj SangappaVadgeri       | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 108 | Mechanical Engineering | Shri Dhananjay Sanjay Mane          | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 109 | Mechanical Engineering | Shri Aditya Ramakant Takalkar       | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 110 | Mechanical Engineering | Shri Nitin Narayan Gotkhindikar     | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 111 | Mechanical Engineering | Shri Kaustubh Laxman Kumbhar        | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 112 | Mechanical Engineering | Shri Vipin Suresh Wagare            | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 113 | Mechanical Engineering | Ms.Sonali Shrikant Patil            | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 114 | Mechanical Engineering | Shri Patunkar Mandar Manohar        | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 115 | Mechanical Engineering | Shri Kolambe Kundan Suresh          | Assistant Professor in Mechanical Engineering            | Temporary |  |
| 116 | Production Engineering | Dr Sandeep HaribhauWankhade         | Associate Professor in Production Engineering& HOD       | Permanent |  |
| 117 | Production Engineering | Shri Vishnu Yallappa Sonawane       | Assistant Professor in Production Engineering            | Permanent |  |
| 118 | Production Engineering | Shri Diwakar Haribhau Joshi         | Assistant Professor in Production Engineering            | Permanent |  |
| 119 | Production Engineering | Shri Veejhay Dinkarrao Dholle       | Workshop Supdt.  | Permanent |  |
| 120 | Production Engineering | Shri Mandar Arvind Kelkar           | Assistant Workshop Superintendent                        | Permanent |  |
| 121 | Production Engineering | Shri Nitin Gajanan Shekapure        | Assistant Professor in Production Engineering            | Permanent |  |
| 122 | Production Engineering | Shri Sachin Shrikant Kallurkar      | Assistant Professor in Production Engineering            | Permanent |  |
| 123 | Production Engineering | Shri Sumedh Nilkanth Chiwande       | Assistant Professor in Production Engineering            | Permanent |  |
| 124 | Production Engineering | Shri Sandip Kondaji Bidgar          | Assistant Professor in Production Engineering            | Permanent |  |
| 125 | Production Engineering | Shri Mohan Lalitkumar Chanpur       | Assistant Professor in Production Engineering            | Permanent |  |

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|     |                        |   |   |           |  |
|-----|------------------------|---|---|-----------|--|
| 126 | Production Engineering | Ms Yogita Kashinath Funde                   | Assistant Professor in Production Engineering       | Permanent |  |
| 127 | First Year Engineering | Shri Vijay Rajaram Patil                    | Assistant Professor in Production Engineering       | Permanent |  |
| 128 | First Year Engineering | Dr Mahadeo Kedari Nikam                     | Associate Professor in Engineering Mathematics      | Permanent |  |
| 129 | First Year Engineering | Dr (Mrs) Supriya Kishor Upasani             | Associate Professor in Physics                      | Permanent |  |
| 130 | First Year Engineering | Dr Deepak Vitthal Nighot                    | Associate Professor in Chemistry                    | Permanent |  |
| 131 | First Year Engineering | Dr Nana Namdeo Shejwal                      | Assistant Professor in Physics                      | Permanent |  |
| 132 | First Year Engineering | Dr Amol Bhausaheb Patil                     | Assistant Professor in Engineering Mathematics      | Permanent |  |
| 133 | First Year Engineering | Shri Avinash Bansidhar Thakare              | Assistant Professor in Engineering Mathematics      | Permanent |  |
| 134 | First Year Engineering | Dr (Mrs) Shalaka Abhimanyu Virkar           | Assistant Professor in Physics                      | Permanent |  |
| 135 | First Year Engineering | Dr Pratik Arvind Nagawade                   | Assistant Professor in Chemistry                    | Permanent |  |
| 136 | First Year Engineering | Dr (Ms) Vrushali Shivsamb Kalyani           | Assistant Professor in Chemistry                    | Temporary |  |
| 137 | First Year Engineering | Ms Shital Ganesh Wani                       | Assistant Professor in Chemistry                    | Temporary |  |
| 138 | First Year Engineering | Ms Smita Popat Kale                         | Assistant Professor in Engineering Mathematics      | Temporary |  |
| 139 | First Year Engineering | Ms Sonali Arjun Jadhav                      | Assistant Professor in Engineering Mathematics      | Temporary |  |
| 140 | First Year Engineering | Shri Sudhir Tukaram Surase                  | Assistant Professor in Engineering Mathematics      | Temporary |  |
| 141 | First Year Engineering | Shri Ganesh Ashok Nimgire                   | Assistant Professor in Engineering Mathematics      | Temporary |  |
| 142 | First Year Engineering | Ms Mamta Suresh Nikam                       | Assistant Professor in Engineering Mathematics      | Temporary |  |
| 143 | First Year Engineering | Ms Priti Rajendra Satarkar                  | Assistant Professor in Civil Engineering            | Permanent |  |
| 144 | First Year Engineering | Ms Shilpi Sippi Bhuinyan                    | Assistant Professor in Civil Engineering            | Permanent |  |
| 145 | First Year Engineering | Mrs Marilyn Albert D'Cruz                   | Assistant Professor in Civil Engineering            | Temporary |  |
| 146 | First Year Engineering | Ms Suvidha Balwant Patil                    | Assistant Professor in Civil Engineering            | Temporary |  |
| 147 | First Year Engineering | Ms Amruta Manmath Shete                     | Assistant Professor in Civil Engineering            | Temporary |  |
| 148 | First Year Engineering | Ms Supriya Mohan Mangalekar                 | Assistant Professor in Computer Engineering         | Temporary |  |
| 149 | First Year Engineering | Ms Sonal Sanjay Ayare                       | Assistant Professor in Computer Engineering         | Temporary |  |
| 150 | First Year Engineering | Ms Aradhana Shashikant Ghorpade             | Assistant Professor in Computer Engineering         | Temporary |  |
| 151 | First Year Engineering | Shri Vikas Vithal Kulkarni                  | Assistant Professor in Electrical Engineering       | Temporary |  |
| 152 | First Year Engineering | Ms Almas Ambreen Mohammad Anisoddin         | Assistant Professor in Electrical Engineering       | Temporary |  |
| 153 | First Year Engineering | Mrs Bhagyashree Sudhir Suryavanshi (Bobdey) | Assistant Professor in Electrical Engineering       | Temporary |  |
| 154 | First Year Engineering | Shri Sudhir Purushottam Bhosale             | Assistant Professor in Electronics Engineering (PG) | Permanent |  |
| 155 | First Year Engineering | Shri Prafulla Raghunathrao Ahir             | Assistant Professor in Electronics Engineering      | Permanent |  |
| 156 | First Year Engineering | Ms Bhagyashri Uttam Patil                   | Assistant Professor in E&TC Engineering             | Temporary |  |
| 157 | First Year Engineering | Shri Yogesh Balwant Karandikar              | Assistant Professor in Mechanical Engineering       | Permanent |  |
| 158 | First Year Engineering | Shri Prashant Gangaram Kokare               | Assistant Professor in Mechanical Engineering       | Permanent |  |

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|     |                               |                                    |   |           |  |
|-----|-------------------------------|------------------------------------|---|-----------|--|
| 159 | First Year Engineering        | Shri Surajkumar Sanjayrao Khasbage | Assistant Professor in Mechanical Engineering | Temporary |  |
| 160 | First Year Engineering        | Shri Sagar Tukaram Gade            | Assistant Professor in Mechanical Engineering | Temporary |  |
| 161 | First Year Engineering        | Shri Sumant Shesherao Patil        | Assistant Professor in Mechanical Engineering | Temporary |  |
| 162 | First Year Engineering        | Shri Yogesh Ramesh Chandwade       | Assistant Professor in Production Engineering | Permanent |  |
| 163 | Training and Placement Office | Shri Jitendra Anand Khubani        | Training and Placement Officer                | Temporary |  |
| 164 | Gymkhana                      | Dr (Mrs) Manisha Manoj Kondhare    | Physical Director                             | Permanent |  |
| 165 | Library                       | Mrs Vrushali Sainath Dandawate     | Librarian                                     | Permanent |  |

Ratio :

|                          |                                    |                                    |
|--------------------------|------------------------------------|------------------------------------|
| Faculty : Student Ration | Permanent Faculty : Student Ration | Temporary Faculty : Student Ration |
| 01:20 (for UG)           | 01: 30                             | 01:54                              |
| 01:15 (for PG)           | 01:05                              | 00:00                              |

Number of Faculty employed and left during the last three years

| Sr No | Year       | Number of Faculty left the College |           |
|-------|------------|------------------------------------|-----------|
|       |            | Permanent                          | Temporary |
| 1     | 2017-2018  | 05                                 | 39        |
| 2     | 2018-2019  | 02                                 | 05        |
| 3     | 2019- 2020 | 01                                 | 09        |

(8) Profile of Principal and Faculty : Faculty profile Link : <https://drive.google.com/file/d/1XWscDt7Ekj-LKIOttYu6EWddCyDdQ2bK/view?usp=sharing>

|      |  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
|------|--|--|---------------------------------------|------|--------------|---------------|-------|--------------------|---------------------|-----------------|--------------|---------------|------|-------------------------------|--|
| i    | Name of the Faculty (Dr/Shri/Mrs/Ms Title-name-medal name-surname) |  |                                       |      |              |               |       |                    |                     |                 |              |               |      | I-card size resent photograph |  |
| ii   | Designation  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| iii  | Date of Birth (DD/MM/YY)   |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| iv   | Department   |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| v    | Date of Joining in Institute                                       |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| vi   | Unique Id  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| vii  | Educational Qualifications   | BE / B Tech                                      |                                       |      | ME / M Tech  |               |       | Ph.D               |                     |                 | Others       |               |      |                               |  |
|      |  | Percentage %                                     | Class / Grade                         | Year | Percentage % | Class / Grade | Year  | Year of registered | Year of awarded     | Titled of Ph.D. | Percentage % | Class / Grade | Year |                               |  |
|      |  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| viii | Work Experience in No of years                                     | Teaching   |                                       |      | Research     |               |       | Industry           |                     |                 | Others       |               |      |                               |  |
| vii  | Area of Specialization   |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| viii | Courses taught at Under Graduate / Post Graduate level             | Under Graduate (UG)                              | 1.                                    |      | 2.           |               | 3.    |                    | Post Graduate (PG)  | 1.              |              | 2.            |      | 3.                            |  |
| ix   | Research Guidance  | Field :  |                                       |      |              |               |       |                    | University :        |                 |              |               |      |                               |  |
| x    | No of papers published in National                                 | No of papers published in International Journals | No of papers published in Conferences |      | Master       |               | Ph. D |                    |                     |                 |              |               |      |                               |  |
|      |  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xi   | Project Carried out  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xii  | Patents  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xiii | Technology Transfer  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xiv  | Research Publications  |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xv   | No of Books published with details                                 |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |
| xvi  | Grants fetched: Amount (Rs)  | Principal Investigator: --                       |                                       |      |              |               |       |                    | Co-investigator: -- |                 |              |               |      |                               |  |
| xvii | Details of Interaction with Professional Institutions              |  |                                       |      |              |               |       |                    |                     |                 |              |               |      |                               |  |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
Dr Dattatraya Shankar Bormane  
Principal, AISSMSCOE, Pune-1

### (9) Fees

|   |   |                       |
|---|---|-----------------------|
| Details of fee, as approved by State Fee Committee, for the Institution | Tuition fees of   | <b>Rs. 1,20,676/-</b> |
|   | Development fees of   | <b>Rs. 15,324/-</b>   |
|   | <b>Total fees of</b>  | <b>Rs. 1,36,000/-</b> |
| Time schedule for payment of fee for the entire programme               | Till the cut of date as stipulated by the Director Technical Education/ Govt. of Maharashtra.                                     |                       |
| No of Fees waivers granted with amount and name of students             | NIL, But facility of Payment of fees in instalment is giving to students.   |                       |
| Number of scholarship offered by the Institution, duration and amount   | NIL, But the facility of scholarship, freeship, etc given by Govt of Maharashtra is made available to Reserved Category students. |                       |
| Criteria for fee waivers / scholarship                                  | NIL   |                       |
| Estimated cost of Boarding and Lodging in Hostels                       | Boarding and Lodging in Hostel Rs. <b>1,15,000/-</b> per annum per head.  |                       |

### (10) Admission

Number of seats sanctioned with the year of approval

| Sr No               | Name of the programmes  | Sanction Intake | Year of Approval |
|---------------------|---|-----------------|------------------|
| 1                   | Chemical Engineering  | 60              | 1996             |
| 2                   | Civil Engineering   | 120             | 2002 / 2012      |
| 3                   | Computer Engineering  | 60              | 1998             |
| 4                   | Computer Engineering (Second Shift)   | 60              | 2013             |
| 5                   | Electrical Engineering  | 60              | 1992             |
| 6                   | Electronics and Telecommunication Engineering                                 | 60              | 1992 / 2017      |
| 7                   | Mechanical Engineering  | 120             | 1992 / 2012      |
| 8                   | Mechanical Engineering (Sandwich Pattern)                                     | 60              | 1994             |
| 9                   | Production Engineering (Sandwich Pattern)                                     | 60              | 1994             |
| 10                  | ME -Chemical Engineering  | 18              | 2011             |
| 11                  | ME - Civil Engineering (Structural Engineering)                               | 18              | 2011             |
| 12                  | ME -Computer Engineering  | 18              | 2013             |
| 13                  | ME - Electrical Engineering (Power Electronics and Drives)                    | 18              | 2011             |
| 14                  | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | 18              | 2010 / 2018      |
| 15                  | ME - Mechanical Engineering (Automotive Engineering)                          | 18              | 2010             |
| 16                  | ME - Mechanical Engineering (Design Engineering)                              | 18              | 2013             |
| <b>Total Intake</b> |   | <b>786</b>      |                  |

Number of students admitted under various categories each year in the last three years

| Sr No.       | Under Graduate (UG) | 2017-2018   | 2018-2019   | 2019-2020   | Post Graduate (PG) | 2017-2018  | 2018-2019  | 2019-2020 |
|--------------|---------------------|-------------|-------------|-------------|--------------------|------------|------------|-----------|
| 1            | SC                  | 295         | 287         | 304         | SC                 | 13         | 13         | 9         |
| 2            | ST                  | 56          | 49          | 45          | ST                 | 0          | 0          | 0         |
| 3            | VJNT                |             |             |             | VJNT               |            |            |           |
| 4            | SBC                 |             |             |             | SBC                |            |            |           |
| 5            | OBC                 | 750         | 744         | 710         | OBC                | 35         | 24         | 14        |
| 6            | SEBC                | 0           | 0           | 0           | SEBC               | 0          | 0          | 0         |
| 7            | Open                | 1874        | 1835        | 1772        | Open               | 73         | 69         | 47        |
| <b>Total</b> |                     | <b>2976</b> | <b>2915</b> | <b>2831</b> | <b>Total</b>       | <b>121</b> | <b>106</b> | <b>70</b> |

Number of applications received during last two years for admission under Management Quota and number admitted

| Sr No | Particulars                | Academic Year 2018-2019 | Academic Year 2019-2020 |
|-------|----------------------------|-------------------------|-------------------------|
| 1     | No of application received |                         |                         |
| 2     | No of admitted students    |                         |                         |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
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## (11) Admission Procedure

|  |   |  |
|--|---|--|
| Mention the admission test being followed, name and address of the Test Agency and its URL (website)   | 1) <b>MH - CET</b> :- Test Conducted by DTE Mumbai, Govt. of Maharashtra (Website-www.dte.org.in) |  |
|  | 2) <b>AIEEE</b> :- Central Board of secondary Education, New Delhi.                               |  |
|  | 3) <b>JE Main</b> :-  |  |
|  | 4) <b>JE Advance</b> :-   |  |
| Number of seats allotted to different Test Qualified candidate separately (AIEEE / ECT (State conducted test / University tests / CMAT / GPAT) / Association conducted test) | 1) <b>MH - CET</b> :- 65% of sanctioned intake of each course                                     |  |
|  | 2) <b>AIEEE</b> :- 15% of sanctioned intake of each course  |  |
|  | 3) <b>JE Main</b> :-  |  |
|  | 4) <b>JE Advance</b> :-   |  |
|  | 5) <b>Institute level seats</b> :- 20% of sanctioned intake of each course                        |  |
| Calendar for admission against Management / vacant seats   | Last date of request for applications   |  |
|  | Last date of submission of applications   |  |
|  | Dates for announcing final results  |  |
|  | Release of admission list (main list and waiting list shall be announced on the same day)         |  |
|  | Date for acceptance by the candidate (time given shall in no case be less than 15 days)           |  |
|  | Last date for closing of admission  |  |
|  | Starting of the Academic session  |  |
|  | The waiting list shall be activated only on the expiry of date of main list                       |  |
|  | The policy of refund of the fee, in case of withdrawal, shall be clearly notified                 |  |

## (12) Criteria and Weightages for Admission

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

- 1) **CAP admission** : Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

### 2) **Institute level and vacant seat admission** :

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together.

Diploma holders who have passed the Diploma course in Engineering / Technology with minimum of 50 % marks and medium of instruction as English from Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics situate in or outside the Maharashtra state.

**Mention the minimum level of acceptance, if any**

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
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Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years (2017-18, 2018-19, 2019-20)

| Sr No | Name of the programmes  | Cut-off levels of percentage and percentile score |             |              |
|-------|---|---|-------------|--------------|
|       |   | 2017-18 (*)                                       | 2018-19 (*) | 2019-20 (**) |
| 1     | Chemical Engineering  | 105-46  | 127-41      | 98.06-18.13  |
| 2     | Civil Engineering   | 145-54  | 144-52      | 93.54-11.43  |
| 3     | Computer Engineering  | 131-73  | 129-49      | 98.30-20.54  |
| 4     | Computer Engineering (Second Shift)   | 118-67  | 135-67      | 97.49-66.88  |
| 5     | Electrical Engineering  | 108-58  | 113-54      | 91.78-20.15  |
| 6     | Electronics and Telecommunication Engineering                                 | 106-59  | 110-49      | 95.02-22.41  |
| 7     | Mechanical Engineering  | 133-51  | 122-43      | 94.86-15.62  |
| 8     | Mechanical Engineering (Sandwich Pattern)                                     | 118-39  | 111-61      | 86.65-21.29  |
| 9     | Production Engineering (Sandwich Pattern)                                     | 103-52  | 104-43      | 75.06-20.45  |
| 10    | ME -Chemical Engineering  | 18.05-7.11  | 15.33-8     | 20.33-7.33   |
| 11    | ME - Civil Engineering (Structural Engineering)                               | 74.20-03.01                                       | 36.9-4.03   | 27.37-7.70   |
| 12    | ME -Computer Engineering  | 16.10-0.67  | 15.33-1.33  | 18-11        |
| 13    | ME - Electrical Engineering (Power Electronics and Drives)                    | 42.0-5.67   | 69.96-6.33  | 71.63-66.27  |
| 14    | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | 73.88-3.33  | 8-8         | 10-8.65      |
| 15    | ME - Mechanical Engineering (Automotive Engineering)                          | 43.2-0.56   | 11.78-6.84  | 62.70-9.80   |
| 16    | ME - Mechanical Engineering (Design Engineering)                              | 63.91-1.88  | 60.00-7.17  | 36.6-4.39    |

(\*) Total CET score, (\*\*) Total percentile of CET

Display marks scored in Test etc. and in aggregate for all candidates who were admitted

### (13) List of Applicants

List of candidate whose applications have been received along with percentile / percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats.

### (14) Results of Admission under Management seats / vacant seats

|  |  |
|--|--|
| Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over) |  |
| Score of the individual candidate admitted arranged in order or merit  |  |
| List of candidate who have been offered admission  |  |
| Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate  |  |
| List of the candidate who joined within the date, vacancy position in each category before operation of waiting list   |  |

Place : Pune  
Date : 01 August 2020

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**(15) Information of Infrastructure and Other Resources Available**

| Particulars  | Nos.     | Size / Capacity |
|--|----------|-----------------|
| Number of Class Rooms and size of each                             | 38       | 66 / 2396       |
| Number of Tutorial rooms and size of each                          | 09       | 33 / 286        |
| Number of Laboratories and size of each                            | 75       | 120 / 5514      |
| Number of Drawing Halls with capacity of each                      | 01       | 120 / 132       |
| Number of Computer Centres with capacity of each                   | 07       | 150 / 1050      |
| Central Examination Facility, Number of rooms and capacity of each | 04       | 66 / 244        |
| Barrier Free Built Environment for disabled and elderly persons    | Adequate | Adequate        |
| Occupancy Certificate  | Yes      | Yes             |
| Fire and Safety Certificate  | Yes      | Yes             |
| Hostel Facilities  | 03       | 4530 /200 stu.  |

**Library**

| Branch   | Number of books available | Number of Titles available | Number of Journals available | List of online National Journals subscribed | List of online International Journals subscribed | E-library facilities                        |
|--|---------------------------|----------------------------|------------------------------|---|--|---|
| Chemical Engineering                                       | 3255                      | 677                        | 6                            |   | --   | Knimbus Digital Library with remote access, |
| Civil Engineering  | 3156                      | 481                        | 6                            |   | --   |   |
| Computer Engineering                                       | 3871                      | 1009                       | 3                            |   | --   | DELNET Access                               |
| Electrical Engineering                                     | 3902                      | 875                        | 6                            |   | --   |   |
| E & TC Engineering   | 5185                      | 1369                       | 6                            |   | --   | Caliber Digital Library                     |
| Mechanical Engineering                                     | 4108                      | 802                        | 3                            |   | --   |   |
| Mechanical Engineering (Sandwich Pattern)                  | 2101                      | 461                        | 2                            |   | --   |   |
| Production Engineering (Sandwich Pattern)                  | 4029                      | 1001                       | 6                            |   | --   |   |
| Engineering Science  | 2189                      | 413                        | 14                           |   | --   |   |
| Other  | 1071                      | 538                        | 10                           |   | --   |   |
| ME – Chemical Engineering                                  | 189                       | 80                         | 5                            |   | --   |   |
| ME – Civil Engineering (Structural Engineering)            | 579                       | 169                        | 5                            |   | --   |   |
| ME – Computer Engineering                                  | 527                       | 96                         | 3                            |   | --   |   |
| ME – Electrical Engineering (Power Electronics and Drives) | 277                       | 94                         | 5                            |   | --   |   |
| ME – E&TC Engineering (VLSI Embedded System)               | 845                       | 238                        | 5                            |   | --   |   |
| ME – Mechanical Engineering (Automotive Engineering)       | 216                       | 73                         | 3                            |   | --   |   |
| ME – Mechanical Engineering (Design)                       | 363                       | 101                        | 3                            |   | --   |   |
| Ph D – Chemical Engineering                                | 46                        | 39                         | 0                            |   | --   |   |
| Ph D - Mechanical Engineering                              | 19                        | 19                         | 0                            |   | --   |   |
| <b>Total</b>   | <b>35928</b>              | <b>8535</b>                | <b>91</b>                    |   | <b>--</b>  |   |

**Laboratory and Workshop****List of Major Equipment / Facility in each Laboratory / Workshop**

| Sr No | Department           | Name of Laboratory    | Name of Major Equipment / Facility  |
|-------|----------------------|-----------------------|---|
| 1     | Chemical Engineering | 1) Project laboratory | 1. Spectrophotometer (Chemito UV 2600 Spectrascan double beam UV visible)<br>2. Gas Chromatography (Model GC 8610)<br>3. Lab Model Autoclavable Bioreactor<br>4. High Performance Liquid Chromatograph<br>5. Peristaltic Pump<br>6. Deep Freezer<br>7. High Speed Centrifuge<br>8. Probe Sonicator<br>9. Rotary Vacuum Evaporator<br>10. Laminar Flow<br>11. Water Bath Shaker (Remi) |

Place : Pune

Date : 01 August 2020

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|   |                   |                                 |  |
|---|-------------------|---------------------------------|--|
|   |                   | 2) Heat Transfer                | 1. Shell & Tube Heat Exchanger<br>2. Finned tube heat exchanger<br>3. Double Pipe Heat Exchanger<br>4. Plate Type Heat Exchanger (Water to Water)  |
|   |                   | 3) Mass Transfer                | 1. Fluidized bed dryer<br>2. Wetted Wall Column<br>3. Cooling Tower<br>4. Gas Absorption Column<br>5. Sieve Tray<br>6. Fluidized Bed Dryer<br>7. Natural Draft Tray Dryer<br>8. Digital Weighing Balance LC 0.01G York<br>9. Schelibel Extraction Column<br>10. Adsorption in Silica Gel<br>11. Bubble Cap Distillation Column<br>12. Sieve Plate Distillation Column  |
|   |                   | 4) Fluid Mechanics Laboratory   | 1. Verification of Bernoullis Theorems<br>2. Flow measurement Venturimeter and Orificemeter<br>3. Losses in Pipe fitting apparatus<br>4. Pipe Friction (Recirculating type)<br>5. Centrifugal Pump   |
|   |                   | 5) Software Laboratory          | 1. Lenovo Thinkcenter Desktops (27 nos)<br>2. Sony LED 50" Model W-50W800D<br>3. Lenovo Desktop PC<br>4. Laptop Lenovo<br>5. Chem CAD (CC) Software Visual Studio 2005<br>6. Professional Auto Desk Inventor Professional 11<br>Auto Desktop Inventor Professional Educational License<br>7. Autodesk product AutoCAD perpetual Lic Educational<br>8. MATLAB, Simulink and tool boxes (26 users)<br>9. Unisim Design Academic Programs (100 users)<br>10. Ansys Academic Teaching (CFD Module) (5 users)<br>11. MATlab, Simulink and Control tool boxes (05 users) |
|   |                   | 6) Mechanical Operations        | 1. Magnetic Separator  |
|   |                   | 7) Central Research Laboratory  | 1. Environmental Discovery System<br>2. Waste Water Treatment Plant  |
|   |                   | 8) Process Dynamics and Control | 1. PC based PID Controller<br>2. Conductivity type Level Controller<br>3. Cascade Control System<br>4. Ratio Control Setup<br>5. Interacting and Non-Interacting System  |
|   |                   |                                 |  |
| 2 | Civil Engineering | 1) Surveying Store              | 1) Total Station GTS 236N<br>2)Micro-optic 1 second theodolite,<br>3) Rotating Laser level,<br>4) Digital planimeter   |
|   |                   | 2) Fluid Mechanics              | 1)Wind Tunnel,<br>2) Pelton wheel turbine test rig,<br>3) Hydraulic bench,<br>4) Centrifugal pump<br>5) Pressure Transducer Apparatus  |
|   |                   | 3) Testing of Materials         | 1) Electronic Universal Testing Machine 1000 kN capacity,<br>2) Compression Testing Machine 3000 kN capacity,<br>3)Torsion Testing Machine,<br>4)Pendulum Impact Testing Machine,<br>5)Concrete Permeability Apparatus<br>6) Digital Rebound hammer<br>7) Pulse Velocity Time measurer   |
|   |                   | 4) Transportation Engineering   | 1) Marshal Stability testing Machine,<br>2) Loss Angeles Testing Machine, 3) Ductility testing Machine   |

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|   |                      |                              |   |
|---|----------------------|------------------------------|---|
|   |                      |                              | 4) Bitumen extractor, Digital   |
|   |                      | 5) Environmental Engineering | 1) BOD Incubator, Make – Classic<br>2) Gas Analyzer<br>3) High Volume Sampler   |
|   |                      | 6) Geotechnical Engineering  | 1) Direct Shear Test Apparatus<br>2) Consolidation Test Apparatus   |
|   |                      | 7) Computer Centre           | 1) Projector Thosiba<br>2) Plotter<br>3) UPS 7.5 KVA Double Convension 1GBT<br>4) Laptop  |
|   |                      | 8) Structural Dynamics       | 1) Vertical shake table,<br>2) Horizontal shake table   |
|   |                      | 9) Engineering Geology       | Various type of rocks and minerals  |
| 3 | Computer Engineering | 1) Microprocessor Laboratory | 1) Digital Trainer Kit (06 Nos)<br>2) Digital Trainer Kit (09 Nos)<br>3) LENOVO i3 (20 Nos)<br>4) UPS 7.5 KVA (01 No)<br>5) D-link 24 Port Switch (No.01)<br>6) AC Intex 1T Split AC (Nos. 02)<br>7) HP LaserJet 1020 Plus (No.01)<br>8) Arduino Basic Strater KIT<br>9) Web Canera<br>10) Head Phone<br>11) Tablet   |
|   |                      | 2) DELD Laboratory           | 1) Microprocessor Interfacing Cards (04 Nos)<br>a) 8259 PERIWARE/01,<br>b) 8255 PERIWARE/03,<br>c) 8253 PEERIWARE/04<br>d) 8279 PERIWARE/05<br>2) CABLE FOR INTERCAFINING<br>a) 26 PIN FRC CABLE (02 Nos)<br>b) 50 PIN FRC CABLE (02 Nos)<br>3) 8086 Microprocessor kit with 16*2 line LCD display. Power supply, 101 IBM keyboard, model XPO-86 (08 Nos)<br>4) 8251 study card (02 Nos)<br>5) Stepper Motor with DC motor study card (01 No)<br>6) 8051 microcontroller trainer (10 Nos)<br>7) 8051 microcontroller trainer (10 Nos)<br>8) 20 MHZ dual trace microcontroller based oscilloscope model cadd0 802 pt (01 No)<br>9) UPS 7.5 KVA (02 Nos)<br><br>10) Combo Drive (Sony)<br>11) CD Writer Internal Sony<br>12) Dyna Keyboard and Display study card (8279)<br>study card 8253<br>study card 8259<br>ADC 8-Bit study card<br>ADC 12-Bit study card<br>8-Bit DAC study card<br>13) Microfriend Dyna 8086 (6 Nos)<br>8251 Study Card<br>14) Stepper Motor Control Study Card<br>15) Stepper Motor 12V, Cable Connector Set with keyboard (6 Nos)<br>17) Dyna Keyboard & Display Study Card (8279)<br>study card 8253<br>18) ADC 8-Bit study card<br>8-Bit DAC study card<br>8251 Study Card<br>19) Microfriend Dyna 8086 (4 Nos)<br>20) Cable Connector Set with keyboard (4Nos)<br>21) Stepper Motor 12V, |

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|  |  |                                |  |
|--|--|--------------------------------|--|
|  |  |                                | <p>Stepper Motor Control Study Card</p> <p>Dual Power regulated Power Supply 0 – 30V (Falcon Make)</p> <p>Dual Trace microcontroller based oscilloscope (01 No)</p> <p>22) Microcontroller and Microporcessor Kit with stepper Motor (2 Nos)</p> <p>23) D-Link Switch 24 Port</p> <p>24) Desktop Computers Make : LENOVO Core i3(3.3MHz MB Cache), 500GB SATA HDD, 4GB Ram DDR 3, 18.5" LED Display Screen, DVD RW Drive, onboard Graphics card, usb multimedia keyboard, usb optical mouse, preloaded windows 7 license with free Antivirus (20 Nos.)</p> <p>25) Lenovo Desktop Computer : intel E7500 core 2 duo</p> <p>26) 6KVA UPS Batteries 12v /26/AH 5MF</p> <p>27) UPS 7.5 KVA</p> <p>28) D-Link Switch 24 Port</p> <p>29) HP LaserJet 1020 Plus</p> |
|  |  | 3) Linux Laboratory            | <p>1) Rack 9U (Q -01)</p> <p>2) Webcam Logitech (Q - 01)</p> <p>3) Web cam (Q - 05)</p> <p>4) Speaker Mercury (Q - 01)</p> <p>5) Creative 2.1 Speaker (Q - 01)</p> <p>6) UPS Dynamit 6 KVA (Q - 01)</p> <p>7) HDD External (Q - 05)</p> <p>8) Telephone Instrument</p> <p>8) Lenovo core i7 8 GB Ram 1TB HDD (Q - 23)</p> <p>9) Printer HP 1020 Plus (Q - 01)</p> <p>10) Switch Dlink 24 Ports (Q - 01)</p> <p>11) Projector Hitachi make and Screen (Q - 01)</p>  |
|  |  | 4) Computer Network Laboratory | <p>1) Switch 3COM 24 Port 10/100 Mbps (Q - 01)</p> <p>2) RACK 6U (Q - 01)</p> <p>3) Printer HP LASER JET 1020 (Q - 01)</p> <p>3) LCD(Toshiba) (Q - 01)</p> <p>4) Creative 2.1 Speaker (Q - 01)</p> <p>5) 24 D-link 3024 switch (Q - 01)</p> <p>Router CISCO 1841 with two Ethernet port (Q - 01)</p> <p>6) Lenovo Desktop Computer Core i7 (Q-25)</p> <p>7) Printer HP LASER JET Pro MFP-M227 (Q - 01)</p> <p>8) UPS 7.5 KVA (Q-01)</p>  |
|  |  | 5) Multimedia Laboratory       | <p>1) Lenovo Core I3</p> <p>2) DLINK SWITCH 24 PORT</p> <p>3) RACK 6U (01 No)</p> <p>4) CRIMPING TOOL D-link</p> <p>5) Dynamic Ups -6 KVA (01 No.)</p> <p>6) Cannon Digital Camera power shot</p> <p>7) Creative 2.1 Speaker (No. 01)</p> <p>8) Printer HP 1020</p> <p>9) USB HDD 1 TB</p> <p>10) Printer HP LASER JET Pro MFP-M227</p>  |
|  |  | 6) Design Laboratory           | <p>1) Wipro Desktop Computer intel 2.2GHZ Core 2Duo E4500, Intel 945gc Chipset, 1GB DDR2 Ram, 160GB HDD Sata 7200RPM DVD RW, multimedia keyboard, optical mouse, 17" TFT Monitor, Windows Xp Pro Sp2 (Q - 11) (11 Nos)</p> <p>2) DLINK SWITCH 24 PORT (Q – 01) 01)</p> <p>3) RACK 6U (Q -01)</p> <p>4) Lenovo Desktop Computer Intel E7500 Core 2 Duo 2.93GHZ SD RAM DDR2GB ext. upto 8GB HDD Sata 320GB, Cache memory 3MB L2 Cache, DVD RW, 18.5" TFT monitor, Keyboard Multimedia, Optical Mouse scroll, lan 10/100/1000 MBPs PCI modem 56KBps, audio chipset realtek888s, video interface (Q - 20)</p> <p>5) UPS 7.5 KVA Batteries with Rack (Q - 01)</p> <p>6) Printer HP 1020 Plus (Q - 01)</p> <p>7) AC Intex 1T Split AC (Q - 02)</p>                 |
|  |  | 7) Software Laboratory         | <p>1) UPS: 7.5 KVA online sine wave ups with 12C/18ah smf batteries, Orchid make for 30 min Backup (Q - 01)</p> <p>2) Mercury Multimedia Speakers (Q - 02)</p> <p>3) Creative 2.1 Speaker (Q - 01)</p> <p>4) Switch 24 port Dlink 1026 (Q - 02)</p>  |

Place : Pune  
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|   |                        |                               |  |
|---|------------------------|-------------------------------|--|
|   |                        |                               | 5) Rack 6U with hardware (Q - 01)<br>6) LCD Projector BenQ Make MX 660P (Q - 01)<br>7) Projection Screen 6 x 8 (Q - 01)<br>8) 2 TR Split AC (Q - 04)<br>9) Printer HP 1020 Plus (Q - 01)<br>10) Lenovo Desktop V520151KL 10NLS08W00, Core i5, 4 GB RAM, 1 TB HDD, DVDRW, KBMD, 2 GB Graphics Card, 18:5" Screen, Win - 10 Warranty 3 Years (Q - 30)<br>UPS 7.5 KVA (Q-01)  |
|   |                        | 8) PG Laboratory              | 1) Lenovo Edge 73-Intelcore i7<br>2) UPS 7.5 KVA<br>3) 12 U Rack<br>4) D-link 24 port<br>5) Printer HP 1020<br>6) USB DVD R/W LG<br>7) Projector Sony VPLDX 220  |
| 4 | Electrical Engineering | 1) Core Lab                   | 1) Dual Power supply Scientific -12-24v DC supply<br>2) Wall Board to Study a) Staircase Wiring b) Looping in System) Fluorescent Tube<br>3) Sodium & Mercury vapour Lamp<br>4) 1 phase Lamp Bank 3 No<br>5) Verification of superposition theorem   |
|   |                        | 2) Electrical Machines        | 1) D.C. Motor shunt 3 KW, 1500 rpm , 230v, 11 Amps with break pulley<br>2) Coupled set of 5 kVA alternator 440V with D.C.Compound Generator rating alternator 5KVA, 440v, 7 Amp<br>3) Coupled set of Alternator with D.C.Shunt Generator Alternator Rating 5 KVA, 440V, 7 Amp , 1500 rpm,Generator 230V, 28 Amp, 1500 Rpm<br>4) D.C.Machine shunt 230v, 1500 rpm with break and pulley arrangement<br>5) Three Phase Squirrel cage I.M. with generator<br>6) 3 phase Slip ring Induction Motor with generator<br>7) Rectifier D.C. Power Supply<br>8) 1 phase Transformer 1 KVA,230/115 V Primary with centre tap and 86.6%<br>9) 5Kw DC shunt motor coupled DC Gen.<br>10) 5KVA alternator coupled 7.5 DC shunt motor |
|   |                        | 3) Power Electronics & Drives | 1) SCR Converters with RLC Loads, 1 phase Half & Full Converter<br>2) 3 phase Half & Full converter<br>3) Reversible Regenerative DC drive AC 230 volts, 50 hz input<br>4) DC. drive for 5 to 10 hp motor<br>5) Single phase Converter fed separately excited DC motor drive<br>6) Three phase converter fed separately excited DC Motor Drive<br>7) TechLab Power Scope<br>8) BLDC motor drive<br>9) Vector controlled IM motor<br>10) Switch mode DC-DC converter trainer<br>11) Microcontroller Based Three Phase Induction Motor Drive Trainer kit<br>12) Speed control of 3 ph. Induction M/c. using AC voltage controller<br>13) Chopper FED DC motor<br>14) 3 Phase inverter trainer                            |
|   |                        | 4) Power Systems              | 1) Switchgear Testing Panel<br>2) 200 KVA,11 KV transformer with power cables<br>3) 4 pole structure switch yard with HT equipment<br>4) Main power Control panel<br>5) Sub power control panel<br>6) LT Distribution panel<br>7) LT Substation Panel<br>8) Merz price protection panel<br>9) Transmission line model.   |

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|  |  |  | 10) PLC SCADA<br>11) Air Circuit breaker 500A/415 V<br>12) Convey or control by PLC Sciencetech 2425<br>13) Speed Control of DC Motor by PLC<br>14) Digital Storage oscilloscope<br>Tektronix make   |
|  |  | 5) High Voltage Engineering                          | 1) 10 cm Sphere Gap<br>2) Transformer Oil Tester<br>3) Horn Gap Arrester<br>4) Rod Gap Assembly Unit.<br>6) H.V.Door locking System.<br>7) Thermocouple Trainer Kit<br>8) Movable Corona Cage  |
|  |  | 6) Electrical Measurement, Instrumentation & Control | 1) PID Controller Trainer Kit<br>2) Control Sys. Trainer Kit<br>3) Digital Storage oscilloscope<br>Tektronix make<br>4) Phase Shifting transformer<br>5) Programmable Logic Controller<br>6) Liquid level measurement kit<br>7) Anderson Bridge kit<br>8) Kelvin Double Bridge kit<br>9) A.C.servomotor with loading arrangement<br>10) D.C. Position control system with I/P & O/P Potentiometer with manual  |
|  |  | 7) Computer Centre                                   | 1) Wipro P4 3 GHz with CD ROM, 17" monitor<br>2) UPS 0.5 kVA, APC make<br>3) UPS 7.5kVA, technovision<br>4) HP 1410 Printer Ink jet<br>5) Desktop PC Lenovo I3 Processor<br>6) Desktop pc core i5 Lenovo<br>7) UPS 5KVA online Champion make<br>8) BENQ Projector With Standard Accessories<br>9) Server IBM Xeon<br>10) Desktop pc I5 Proc 4GB Ram<br>11) MATLAB 2015 B (Upgrade 2014 )<br>12) Hitachi Projector M-3042WN   |
|  |  | 8) Applied Electronics                               | 1) Analog and Digital Trainer kit XPO CT<br>2) Caddo – 920 model CRO20 MHz CRT readout oscilloscope with cursor measurement, digital pulse rotary switch, CT facility, Adj. HO and HS upto 1 mV<br>3) MH2 function generator model fg2MD<br>4) 30 MHz dual Oscilloscope.<br>5) 8051 Microcontroller Trainer kit with LCD display with cable , connectors , keyboard and power supplyDYNA-51<br>6) Pic Microcontroller Trainer Kit<br>7) 8051 Microcontroller Trainer kit<br>8) Atmega 328p based development board smartduino .acclerfacing kit. |
|  |  | 9) Project Lab                                       | 1) Power quality analyzer<br>2) ETAP Power Station version-2<br>3) 3 Phase Transformer 3KVA Ratio 1:1<br>4) Variable DC Source 0-60V, 10A<br>5) MATLAB Software  |
|  |  | 10) M.E Hardware                                     | 1) DSP trainer kit TMS320F28335<br>2) DSP trainer kit TMS 320F2812<br>3) 3 ph. IPM based power module<br>4) 3 PH. 3 Hp AC motor Eddy current load set up<br>5) 1.1 HP. BLDC Motor with eddy current load<br>6) 1.2 hp, PMSM Motor with eddy current loading arrangement<br>7) LCR Meter<br>8) Hitachi Projector Model no 3042 WN<br>9) Power Quality Analyser<br>10) MATLAB Software<br>11) 3 Ph. Rotation Indicator kit<br>12) Battery Tester   |

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|   |   |   |  |
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|   |   |   | 13) Arbitray function Generator  |
| 5 | Electronics and Telecommunicatio<br>n Engineering | 1) Process Automation & Instrumentatio<br>n Lab | 1) Spectrophotometer<br><br>2)MEDISCOPE DOUBLE TRACE   |
|   |   | 2) Basic Elex Lab (BEE)                         | 1)CRO 30MHz(5 IN 1 Test Lab TL401)   |
|   |   | 3) Project Lab                                  | 1) Digital Storage Scope Tektronix Make<br>2) 6 1/2 DIGITAL MULTIMETER (AGILENT)<br>3) Digital Phosphor Scope Tektronix<br>4) Digital Storage Scope Tektronix<br>5) Universal test and mesuring system   |
|   |   | 4) Circuit & Simulation Lab                     | 1) Aplab 100 MHz DSO (Model D36100 CA)<br>2) Aplab 100 MHz DSO (Model D36100 CA)<br>3) 6½Digit Digital Multimeter (Agilent ModelNo.34410 A)<br>4) Digital Phosphor Oscilloscope Tektronix Make Model (DPO 2012)  |
|   |   | 5) Power Lab                                    | 1) Isolated Channel Digital Storage Power Scope Tektronix Make Model No. TDS 2014 B  |
|   |   | 6) Communicati<br>on Lab                        | 1) RF Signal Synthesizer Model No. HP 33120A<br>2) 6½Digit Digital Multimeter (AgilentModelNo.34410 A)<br>3) Spectrum Analyser with Tracking Generator.<br>4) Vector Network Analyzer  |
|   |   | 7) VLSI Lab                                     | 1) Desktop Computer Lenovo: Intel Core i5 Processor, Intel M/B, 4gb Ram, 1TB HDD, 19.5" LED, DVD RW, Keyboard & Mouse ( 3 Years Warrenty direct from Vender-Lenovo)<br>2) HP Laserjet Printer HP 1106<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA, III Phase - 1 Phase with 24 Batteries 12V26A II<br>4) Spartan III based DSP in VLSI Trainer Model - MX53FK_DSP<br>5) Xilinx Spartan 3FPGA<br>6) VLSI Training Unit with FPGA/ CPLD<br>7) Latest Version of VLSI, Multi Vendor VLSI, Trainer Unit ( Make - Mechatronics, Model - MV) |
|   |   | 8) Signal Processing & Embedded Lab             | 1) Desktop Computer Lenovo: Intel Core i5 Processor, Intel M/B, 4gb Ram, 1TB HDD, 19.5" LED, DVD RW, Keyboard & Mouse ( 3 Years Warrenty direct from Vender-Lenovo)<br>2) Printer HP 1020 LaserJet<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA, III Phase - 1 Phase with 24 Batteries 12V26A II<br>4) Embedded Systems Development Kit(ARM-7)<br>5) Embedded Systems Development Kit (uC89C51)<br>6) Universal Programmer<br>7) ARM CORTEX M3 Trainer Kit with LPC 1768 Processor  |
| 6 | Mechanical Engineering                            | 9) Post Graduate Lab                            | 1) Desktop Computer LENOVO Intel E7500 Core2Duo 2.93 GHz<br>2) Printer HP 1007 LJ<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA, III Phase - 1 Phase with 24 Batteries 12V26A II   |
|   |   | 1) Metallurgy Lab                               | 1) Universal Testing Machine<br>2) Ultrasonic Test Rig<br>3) Vickers Hardness Tester<br>4) Inverted Microscope with image analysis System & Software<br>5) Standard Samples of Metallurgical Microstructure<br>6) Computerised Rockwell and Hardness Tester<br>7) Polishing Machine (Double Disk)<br>8) Digital Impact Testing Machine   |
|   |   | 2) Heat Engine Lab                              | 1)Two stage reciprocating air compressor Test rig<br>2) Diesel Generator set   |

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|   |                        |  | 3) Exhaust Gas analyser<br>4) Vapour absorption test rig<br>5) Smoke meter<br>6) Computerised Single Cylinder Engine Test Rig<br>7) 3 cylinder four stroke petrol Engine Test Rig setup<br>8) Hydrogen Gas leak Detector<br>9) Air Compressor<br>10) Steam Power Plant  |
|   |                        | 3) Heat Transfer Laboratory                      | 1) Experimental setup of Computer Integrated Heat Transfer Through Fin in Natural Convection<br>2) Heat Pipe Demonstrator<br>3) Insulating Power Apparatus<br>4) Pin fin Apparatus<br>5) Forced convection  |
|   |                        | 4) Theory of Machines Laboratory                 | 1) Epicyclic gear train test rig<br>2) Governor (Centrifugal) Model<br>3) Clutch Test Rig<br>4) Dynamometer<br>5) Torsion testing machine   |
|   |                        | 5) Dynamics of Machinery Laboratory              | 1) Vibrometer<br>2) Whirling of shaft apparatus   |
|   |                        | 6) Fluid Machinery Laboratory                    | 1) Pelton wheel turbine test rig<br>2) Francis turbine test rig<br>3) Impact of Jet Apparatus<br>4) Centrifugal pump test rig   |
|   |                        | 7) Fluid Power laboratory                        | 1) Hyd. Accumulator Intensifier and press<br>2) Hydraulic Circuit Trainer<br>3) Pneumatic Circuit Trainer   |
|   |                        | 8) Refrigeration and Air Conditioning Laboratory | 1) Vapour compression refr. Test rig<br>2) Ice plant test Rig<br>3) Air Conditioner cycle test rig<br>4) Rotary air compressor (vane type)  |
|   |                        | 9) Metrology and Quality Control Laboratory      | 1) Autocollimator & Angle Decker<br>2) Tool makers microscope<br>3) Profile Projector<br>4) Portable digital surface finish Tester  |
|   |                        | 10) Computer Aided Design Laboratory             | 1) Desktop Computers make: Lenovo (44Nos)<br>2) IBM Server (1 Nos.)<br>3) True on line UPS (7.5 KVA) (02No)<br>4) 2 TR Split AC with reciprocating wall mounted.  |
|   |                        | 11) Computer Aided Engineering Laboratory        | 1) Desktop Computers make:Lenovo (10 Nos)<br>2) Desktop Computers make:Lenovo I 5 (20 Nos)<br>3) Desktop Computers make:Lenovo I 3 (10 Nos)<br>5) LE Grand Numeric UPS 7.5 KVA  |
|   |                        | 12) Computer Graphics laboratory                 | 1) Plotter (01 No) AO Size Color<br>2) Computer-Lenovo (45 Nos.) (Location 217)<br>3) True on line UPS 7.5 KVA(03No)  |
| 7 | First Year Engineering | 1)Engineering Chemistry Laboratory               | 1) Muffle Furnace<br>2) Glass Distillation Unit<br>3) High Precision Digital Balance with standard breeze shield  |
|   |                        | 2) Engineering Physics Laboratory                | 1) Ultrasonic Interferometer Complete Setup (For Solid)<br>2) He-Ne Laser Kit Complete Setup<br>3) Desktop Computer, Printer<br>4) DLP Projector System   |
| 8 | Production Engineering | 1)CAD CAM Lab                                    | 1)C.N.C.(TMW 200) Lathe (01)<br>2)Wipro Personal Computer(02)<br>3)Wipro Desktop Personal Computer (03)<br>4)Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos.and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos.and eMplant- 02 Nos. )<br>5)Computer Software Autodesk Inventor Professional Edu. License<br>6)Desktop Computer Lenovo(14)<br>7)UPS 7.5 KVA (02)<br>8)Desktop Computer Lenovo (02)<br>9)HP Laserjet M123 NF (01) |

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|   |          |                                      | 10)Lenova Thinkcentre Desktop (17)<br>11)Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user<br>12) Unigraphics 8.0 Cam Express (Simulation, Modeling, Tool Path Generation) 20 user<br>13)ANSYS Academic Teaching + CFD Version 16.2 for(25 user)<br>14)Desktop Computer Lenovo (10 nos.)   |
|   |          | 2) Robot and Automation Lab          | 1)PLC Programming Kit (01)<br>2)Set up for Mechatronics System Using Components, Sensors,Actuators & Microcontroller (Bottle Filling Plant)(01)<br>3) Robotic Arm System (01 nos.)<br>A) Six Axis Robot Arm B) Servo Power Supply<br>C) Ultrasonic Range Finder D) Flexiforce Sensor<br>E) Colour Sensor Evaluation Kit<br>4)Process Line Simulation (Physical model), table mounted (01 nos.)<br>5)Microcontroller & Microprocessor Kit (02 nos.)<br>6)Pneumatic Trainer Kit With Different Pneumatic Components ( 01 nos.)<br>7)Hydraulic Trainer Kit With Different Hydraulic Components ( 01 nos.)<br>8)Transparent Pneumatic Trainer(01 nos.)<br>9)Measurement & Control of Level(01 nos.)<br>10)Measurement & Control of Pressure ( 01 nos.) |
|   |          | 3) Tool Engineering Lab              | 1)Various Types of Cutting Tools, Clamping Devices, Nuts, Drill Bushes etc.<br>2)Single Spindle Automat (Chuck Type) (01)<br>3)Lathe & Drill Tool Dynamometer & Control Panel (01each)   |
|   |          | 4) NonTraditional Machine            | 1)EDM Demo Setup-2 Speciman Electrodes with tool holders, Fully charged dielectric tank, Mosfet Controller (01)  |
|   |          | 5) Production Management Lab         | 1)Wipro Personal Computer (04)<br>2) Systat Statistical Software -Version 12 (01)<br>3)Data Acquisition System (32 Channel Input/Output Make :Advantec) (01)   |
|   |          | 6)Advanced Production Technology Lab | 1)Advanced Hydraulic Trainer<br>2)Hydraulic Press<br>3)Advanced Pneumatic Circuit Trainer<br>4)Gear Pump Test Rig  |
|   |          | 7) Department Central Facility       | 1)Projector Beng M X 660P with Std. Accessories ( 03 nos.)<br>2)Projection Screen 8 X 10 WNSP Crystal (01 nos.)<br>3)Projection Screen 6 X 8 WNSP Crystal (02 nos.)<br>4)ITC Electron model T-6236B Public Voice amplifier (01 nos.)<br>5)Laptop Lenovo thinkpad E450 with carry case (01 nos.)<br>6)SAGA Interactive Board  |
| 9 | Workshop | 1)                                   |  |
|   |          | 2)                                   |  |
|   |          | 3)                                   |  |

### List of Experimental Setup in each Laboratory / Workshop

| Sr No | Department           | Name of Laboratory                   | Name of Experimental Setup  |
|-------|----------------------|--------------------------------------|---|
| 1     | Chemical Engineering | 1) Mass Transfer- I                  | 1. Natural Draft Tray Dryer<br>2. Diffusion of Acetone in Still air<br>3. Rotary Dryer<br>4. Fluidized bed dryer<br>5. Humidification<br>6. Dehumidification<br>7. Wetted wall Column<br>8. Cooling Tower<br>9. Gas Absorption Column<br>10. Conductivity meter   |
|       |                      | 2) Mass Transfer-II                  | 1. Simple Distillation<br>2. Fractional Distillation Unit<br>3. Magnetic Stirrer with temp Indicator (Crystallization)<br>4. York Scheibel Extraction Column<br>5. Adsorption in Silica Gel<br>6. Bubble Cap Distillation Column<br>7. Seive Plate Distillation Column  |
|       |                      | 3) Mechanical Operation Lab          | 1. Sigma Mixer<br>2. Sieve Shaking Machine<br>3. Blake Jaw Crusher<br>4. Ball Mill<br>5. Bhrustone Mill (Pulverizer)<br>6. Cyclone Separator<br>7. Magnetic Seperator<br>8. Sieve Shaker- Capacity 2 Kg   |
|       |                      | 4) Fluid Mechanics Lab               | 1. Verification of Bernoullis Theorems<br>2. Flow measurement Venturimeter and Orificemeter<br>3. Losses in Pipe fitting apparatus<br>4. Pipe Friction (Recirculating type)<br>5. Centrifugal Pump<br>6. Reynolds Apparatus   |
|       |                      | 5) Process Dynamics & Control Lab    | 1. Manometer response apparatus<br>2. On-off controller set up<br>3. PID controller setup (Trainer)<br>4. Two tank Interacting and non interacting<br>5. PC based PID Controller<br>6. Conductivity type level controller<br>7. Cascade Control System<br>8. Ratio Control Setup<br>9. Interacting and Non Interacting system   |
|       |                      | 6) Process Instrumentation & Control | 1. Dead weight pressure guage tester<br>2. Calibration of bimetallic thermometer<br>3. pH Meter apparatus<br>4. Air purge level measurement apparatus<br>5. Control Valves<br>6. Calibration of RTD<br>7. Refractometer<br>8. Conductivity meter  |
|       |                      | 7) Chemical Reaction Engineering Lab | 1. Water Distillation Unit<br>2. Magnetic stirrer with hot plate<br>3. Oil Bath<br>4. Heating Mantle<br>5. Automatic Titration Unit<br>6. Constant temperature water bath<br>7. Rotary Vacuum Evaporator<br>8. Ultrasonic Horn<br>9. Digital Conductivity Meter<br>10. Continuous Stirred tank reactor<br>11. Plug Flow Reactor |
|       |                      | 8) Heat Transfer Lab                 | 1. Natural convection apparatus<br>2. Heat transfer from a cylindrical spine in natural convection<br>3. Stefan Boltzman apparatus<br>4. Thermal conductivity of metal rod<br>5. Lagged pipe apparatus  |

Place : Pune

Date : 01 August 2020

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|  |  |                  | 6. Heat transfer in Forced Convection<br>7. Thermal Conductivity of Insulating Powder<br>8. Shell & Tube Heat Exchanger<br>9. Finned tube heat exchanger<br>10. Double Pipe Heat Exchanger<br>11. Plate type Heat Exchanger  |
|  |  | 9) Chemistry Lab | 1. Contech Electronics Balance<br>2. Thermostability Controlled Water Bath<br>3. Water Suction Pump for Filtration<br>4. Digital Water & Soil Analysis Kit<br>5. Heating Mantle<br>6. Flame Photometer<br>7. Single Pan Balance<br>8. Digital Colourimeter   |
|  |  | 10 ) Project Lab | 1. Redwood viscometer<br>2. Contrjason apparatus<br>3. Pensky martin apparatus<br>4. Orsat apparatus<br>5. Bomb calorimeter<br>6. Electronics Weighing Balance<br>7. Round Water Bath<br>8. Temperature cum humidity sensor<br>9. Heating Mantle<br>10. RQ-124 A/D Medium Duty stirrer<br>11. Rocker vacuum Pump<br>12. Microwave oven<br>13. Chemito UV 2600 Spectrascan double beam UV visible Spectrophotometer<br>14. Gas chromatography Model GC 8610<br>15. Centrifuge<br>16. Laboratory Oven<br>17. Air compressor<br>18. Vacuum Oven<br>19. Lab Model Autoclavable Bioreactor<br>20. High Speed Centrifuge<br>21. Vinyl Anaerobic Chamber<br>22. Orbital Shaker Incubator<br>23. Colony Counter<br>24. Laminar Flow<br>25. High performance Liquid Chromatography (HPLC)<br>26. Ultra Sonic Bath.<br>27. IR Oven<br>28. Microscope<br>29. Water bath with heater & stirrer<br>30. Autoclave (Jacketed with digital microprocessor)<br>31. Temperature controlled bath circulator<br>32. Piston Pump<br>33. Hand Held Refractometer<br>34. Induction heater<br>35. Pressure Cooker<br>36. Mixer grinder<br>37. Iodine Value Meter<br>38. Peristaltic Pump<br>39. Digital COD digester<br>40. Multistation Heating Mantle<br>41. UV Chamber<br>42. Extend C-18 Analytical Column<br>43. Multistation Heating Mantle<br>44. Probe Sonicator<br>45. Overhead Stirring Motor with Stand<br>46. Double beam UV Spectrophotometer |
|  |  | 11) Software Lab | 1. HP Laser Jet Printer<br>2. Lenovo Desktop PC Qty: 16 nos<br>3. LCD Projector<br>4. Laptop Lenovo<br>5. Lenovo Thinkcentre Desktops (27 nos)<br>6. Sony LED 50" Model W-50W800D  |

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|---|-------------------|--------------------------|---|
|   |                   |                          | 7. Desktop Computer Lenovo i3<br>8. Lenovo Desktop PC (i3)<br>9. SAGA Interactive Board<br>10. Webcam Logitech C270 720p/30<br>11. Headphone logitech h111 Stereo<br>12. Headset 1.8 Mtr cable Single 3.5mm Jack  |
|   |                   | 12) Central Research Lab | 1. Environmental Discovery System<br>2. Waste Water Treatment Plant   |
| 2 | Civil Engineering | 1) Surveying Store       | <b>Surveying</b><br>1. Measurement of magnetic bearings of sides of a triangle or polygon, correction for local attraction and calculations of true bearings using prismatic compass.<br>2. Plane table survey by Intersection method.<br>3. Finding horizontal and vertical distance using Tacheometer.<br>4. Simple and differential levelling with at least three change points using digital level.<br>5. Measurement of horizontal angles (by repetition method) using Vernier Transit Theodolite.<br><b>Advance Surveying</b><br>1. Measurement of horizontal and vertical angles with 11 theodolite.<br>2. Determination of elevation of inaccessible objects by trigonometrical levelling.<br>3. Practical based on various special functions available in a total station such as remote elevation measurements, remote distance measurements and co-ordinate stakeout .<br>4. Establishing control station using single or dual frequency GPS receiver<br>5. Study and use of nautical sextant and measurement of horizontal angles<br>6. Plotting of river cross-section by hydrographic surveying<br>7 Solution to three point problem by analytical method<br>8. Study of aerial photograph and finding out the scale of the photograph.<br>9. Determination of air base distance using mirror stereoscope.<br>10. Determination of difference in elevation by parallax bar. |
|   |                   | 2) Fluid Mechanics       | <b>Fluid Mechanics I</b><br>1. Measurement of viscosity by Redwood viscometer.<br>2. Measurement of pressures using different pressure measuring devices (including transducers /state of arts digital instruments also).<br>3. Determination of stability of floating bodies using ship models.<br>4. Experimental verification of Bernoulli's theorem with reference to loss of energy<br>5. Calibration of Venturimeter / Orifice meter.   |

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|  |  |                         | <p>6. Drawing flow net by electrical analogy for flow below weir (with &amp; without sheet pile)</p> <p>7. Plotting the pattern of laminar flow using Reynolds apparatus or Heleshaw's apparatus.</p> <p>8. Transition of Laminar and turbulent flow through pipes.</p> <p>9. Determination of, minor loss in a pipe system/friction factor for a given pipe.</p> <p><b>Fluid Mechanics II</b></p> <p>1. Flow around a Circular Cylinder/Aerofoil</p> <p>2. Study of Uniform Flow Formulae of Open channel.</p> <p>3. Velocity Distribution in Open Channel Flow.</p> <p>4. Calibration of Standing Wave Flume/Venturi flume</p> <p>5. Study of Hydraulic Jump as Energy Dissipater. 6. Impact of Jet on flat plate and curved vane</p> <p>7. Characteristics of a Pelton Wheel</p> <p>8. Characteristics of a Centrifugal Pump</p> <p>9. Calibration of Notch</p>  |
|  |  | 3) Testing of Materials | <p><b>Strength of Material</b></p> <p>1. Tension test on mild and TMT steel.</p> <p>2. Shear (Single &amp; Double) test on mild steel.</p> <p>3. Torsion test on mild steel.</p> <p>4. Impact (I &amp; C) test on mild steel, aluminum, brass.</p> <p>5. Compression test on timber (Parallel &amp; Perpendicular)</p> <p>6. Bending test on timber and plywood.</p> <p>7. Field tests, Water absorption and efflorescence test on bricks.</p> <p>8. Compressive strength test on bricks</p> <p>9. Flexural strength of flooring tiles.</p> <p>10. Abrasion test of flooring tiles.</p> <p><b>Concrete Technology</b></p> <p>1. Fineness and standard consistency of cement.</p> <p>2. Initial and final setting time and soundness of cement.</p> <p>3. Compressive strength of cement.</p> <p>4. Fineness of fly ash</p> <p>5. Moisture content, silt content, density and Specific gravity of fine aggregate</p> <p>6. Fineness modulus by sieve analysis of fine aggregate.</p> <p>7. Moisture content, water absorption, density and Specific gravity of coarse aggregate</p> <p>8. Fineness modulus by sieve analysis and gradation of fine aggregates.</p> <p>9. Workability of concrete by slump test, compaction factor, Vee Bee test, effect of</p> |

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|  |  |                               | <p>admixture and retarders on setting time concrete.</p> <p>10. Compressive strength test of concrete by crushing and Rebound hammer.</p>  |
|  |  | 4) Transportation Engineering | <p>1. Aggregate Impact Value Test,</p> <p>2. Aggregate Crushing Strength Test</p> <p>3. Los Angeles Abrasion Test</p> <p>4. Shape Test (Flakiness Index and Elongation Index)</p> <p>5. Specific Gravity and Water Absorption Test by basket method</p> <p>6. Stripping Value Test</p> <p>7. Penetration Test</p> <p>8. Ductility Test</p> <p>9. Viscosity Test (Tar Viscometer)</p> <p>10. Softening Point Test</p> <p>11. Flash Point &amp; Fire Point Test</p> <p>12. Specific Gravity Test</p> <p>13. Bitumen Extraction Test</p> <p>14. Marshall Stability Test</p>   |
|  |  | 5) Environmental Engineering  | <p><b>Environmental Engineering I</b></p> <p>1. pH and Alkalinity of raw water, soft drinks &amp; tea.</p> <p>2. Total hardness and components of raw water.</p> <p>3. Chlorides in water.</p> <p>4. Chlorine demand and residual chlorine.</p> <p>5. Sodium or Potassium or Calcium using flame photometer.</p> <p>6. Turbidity and optimum dose of alum.</p> <p>7. Fluorides or Iron contents in water.</p> <p>8. Most Probable Number (MPN)</p> <p>9. Ambient air quality monitoring for PM10/PM2.5, SO<sub>2</sub> &amp; NO<sub>x</sub>.</p> <p>10. Measurement of noise levels at various locations using sound level meter,</p> <p><b>Environmental Engineering II</b></p> <p>1. Solids -Total solids, suspended solids, volatile solids, settle able solids &amp; non settle able solids.</p> <p>2. Sludge Volume Index.</p> <p>3. Dissolved oxygen.</p> <p>4. Bio-Chemical Oxygen Demand.</p> <p>5. Chemical Oxygen Demand.</p> <p>6. Electrical Conductivity.</p> <p>7. Determination of Phosphates by spectrophotometer.</p> <p>8. Determination of Nitrates by spectrophotometer.</p> <p>9. Determination of heavy metals like Cr<sup>6+</sup> or Zn or Ni or Cd.</p> <p>10. Determination of total nitrogen by Kjeldal method.</p> |
|  |  | 6) Geotechnical Engineering   | <p>1. Water content determination by any two methods a) Oven drying method, b) Infrared, moisture method, c) calcium carbide method</p> <p>2. Specific gravity determination by Pycnometer /density bottle.</p> <p>3. Sieve analysis, particle size determination and IS classification as per I.S. Codes.</p> <p>4. Determination of Consistency</p>  |

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Date : 01 August 2020

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|   |                      |                              |  |
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|   |                      |                              | limits and their use in soil classification as per I.S. Codes.<br>5. Field density test by a) Core cutter<br>b) Sand Replacement and c) Clod method<br>6. Determination of coefficient of permeability by a) Constant head and b) Variable head method.<br>7. Direct shear test.<br>8. Unconfined compression test.<br>9. Vane Shear test.<br>10. Standard Proctor test / Modified Proctor test.<br>11. Differential free swell test.<br>12. Triaxial test<br>13. Swelling Pressure test   |
|   |                      | 7) Engineering Geology       | Megascopic identification of rocks and mineral specimens   |
| 3 | Computer Engineering | 1) Microprocessor Laboratory | 1) Digital Trainer Kit (06 Nos)<br>2) Digital Trainer Kit (09 Nos)<br>3) LENOVO i3 (20 Nos)<br>4) UPS 7.5 KVA (01 No)<br>5) D-link 24 Port Switch (No.01)<br>6) AC Intex 1T Split AC (Nos. 02)<br>7) HP LaserJet 1020 Plus (No.01)<br>8) Arduino Basic Strater KIT<br>9) Web Canera<br>10) Head Phone<br>11) Tablet  |
|   |                      | 2) DELD Laboratory           | 1) Microprocessor Interfacing Cards (04 Nos)<br>a)8259 PERIWARE/01,<br>b)8255 PERIWARE/03,<br>c)8253 PEERIWARE/04<br>d)8279 PERIWARE/05<br>2) CABLE FOR INTERCAFINING<br>a) 26 PIN FRC CABLE (02 Nos)<br>b) 50 PIN FRC CABLE (02 Nos)<br>3) 8086 Microprocessor kit with 16*2 line LCD display. Power supply,101 IBM keyboard, model XPO-86 (08 Nos)<br>4) 8251 study card (02 Nos)<br>5) Stepper Motor with DC motor study card (01 No)<br>6) 8051 microcontroller trainer (10Nos)<br>7) 8051 microcontroller trainer (10Nos)<br>8) 20 MHZ dual trace microcontroller based oscilloscope model cadd0 802 pt (01 No)<br>9) UPS 7.5 KVA(02 Nos)<br>10) Combo Drive (Sony)<br>11) CD Writer Internal Sony<br>12) Dyna Keyboard and Display study card (8279)<br>study card 8253<br>study card 8259<br>ADC 8-Bit study card<br>ADC 12-Bit study card<br>8-Bit DAC study card<br>13) Microfriend Dyna 8086 (6 Nos)<br>8251 Study Card<br>14) Stepper Motor Control Study Card<br>15) Stepper Motor 12V,Cable Connector Set with keyboard (6 Nos)<br>17) Dyna Keyboard & Display Study Card (8279)<br>study card 8253<br>18) ADC 8-Bit study card<br>8-Bit DAC study card<br>8251 Study Card<br>19) Microfriend Dyna 8086 (4 Nos) |

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|  |  |                                | 20) Cable Connector Set with keyboard (4Nos)<br>21) Stepper Motor 12V, Stepper Motor Control Study Card<br>Dual Power regulated Power Supply 0 – 30V (Falcon Make)<br>Dual Trace microcontroller based oscilloscope (01 No)<br>22) Microcontroller and Microprocessor Kit with stepper Motor (2 Nos)<br>23) D-Link Switch 24 Port<br>24) Desktop Computers Make : LENOVO Core i3(3.3MHz MB Cache), 500GB SATA HDD, 4GB Ram DDR 3, 18.5" LED Display Screen, DVD RW Drive, onboard Graphics card, usb multimedia keyboard, usb optical mouse, preloaded windows 7 license with free Antivirus (20 Nos.)<br>25) Lenovo Desktop Computer : intel E7500 core 2 duo<br>26) 6KVA UPS Batteries 12v /26/AH 5MF<br>27) UPS 7.5 KVA<br>28) D-Link Switch 24 Port<br>29) HP LaserJet 1020 Plus |
|  |  | 3) Linux Laboratory            | 1) Rack 9U (Q-01)<br>2) Webcam Logitech (Q -01)<br>3) Web cam (Q – 05)<br>4) Speaker Mercury (Q – 01)<br>5) Creative 2.1 Speaker (Q – 01)<br>6) UPS Dynamit 6 KVA (Q – 01)<br>7) HDD External (Q – 05)<br>8) Telephone Instrument<br>9) Lenovo core i7 8 GB Ram 1TB HDD (Q - 23)<br>10) Printer HP 1020 Plus (Q - 01)<br>11) Switch Dlink 24 Ports (Q - 01)<br>12) Projector Hitachi make and Screen (Q - 01)  |
|  |  | 4) Computer Network Laboratory | 1) Switch 3COM 24 Port 10/100 Mbps (Q - 01)<br>2) RACK 6U (Q - 01)<br>3) Printer HP LASER JET 1020 (Q - 01)<br>3) LCD(Toshiba) (Q - 01)<br>4) Creative 2.1 Speaker (Q - 01)<br>5) 24 D-link 3024 switch (Q - 01)<br>Router CISCO 1841 with two Ethernet port (Q - 01)<br>6) Lenovo Desktop Computer Core i7 (Q-25)<br>7) Printer HP LASER JET Pro MFP-M227 (Q - 01)<br>8) UPS 7.5 KVA (Q-01)   |
|  |  | 5) Multimedia Laboratory       | 1) lenovo Core I3<br>2) DLINK SWITCH 24 PORT<br>3) RACK 6U (01 No)<br>4) CRIMPING TOOL D-link<br>5) Dynamic Ups -6 KVA (01 No.)<br>6) Cannon Digital Camera power shot<br>7) Creative 2.1 Speaker (No. 01)<br>8) Printer HP 1020<br>9) USB HDD 1 TB<br>10) Printer HP LASER JET Pro MFP-M227   |
|  |  | 6) Design Laboratory           | 1) Wipro Desktop Computer intel 2.2GHZ Core 2Duo E4500, Intel 945gc Chipset, 1GB DDR2 Ram, 160GB HDD Sata 7200RPM DVDRW, multimedia keyboard, optical mouse, 17" TFT Monitor, Windows Xp Pro Sp2 (Q - 11) (11 Nos)   |

Place : Pune  
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|   |                        |                           |   |
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|   |                        |                           | 2) DLINK SWITCH 24 PORT (Q – 01)<br>3) RACK 6U (Q – 01)<br>4) Lenovo Desktop Computer Intel E7500 Core 2 Duo 2.93GHZ SD RAM DDR2GB ext. upto 8GB HDD Sata 320GB, Cache memory 3MB L2 Cache, DVDRW, 18.5" TFT monitor, Keyboard Multimedia, Optical Mouse scroll, lan 10/100/1000 MBPs PCI modem 56KBps, audio chipset realtek888s, video interface (Q - 20)<br>5) UPS 7.5 KVA Batteries with Rack (Q - 01)<br>6) Printer HP 1020 Plus (Q - 01)<br>7) AC Intex 1T Split AC (Q - 02)  |
|   |                        | 7) Software Laboratory    | 1) UPS: 7.5 KVA online sine wave ups with 12C/18ah smf batteries, Orchid make for 30 min Backup (Q – 01)<br>2) Mercury Multimedia Speakers (Q - 02)<br>3) Creative 2.1 Speaker (Q – 01)<br>4) Switch 24 port Dlink 1026 (Q – 02)<br>5) Rack 6U with hardware (Q – 01)<br>6) LCD Projector BenQ Make MX 660P (Q - 01)<br>7) Projection Screen 6 x 8 (Q – 01)<br>8) 2 TR Split AC (Q - 04)<br>9) Printer HP 1020 Plus (Q - 01)<br>10) Lenova Desktop V520151KL 10NLS08W00, Core i5, 4 GB RAM, 1 TB HDD, DVDRW, KBMD, 2 GB Graphics Card, 18:5" Screen, Win - 10 Warranty 3 Years (Q - 30)<br>UPS 7.5 KVA (Q-01)   |
|   |                        | 8) PG Laboratory          | 1) Lenovo Edge 73-Intelcore i7<br>2) UPS 7.5 KVA<br>3) 12 U Rack<br>4) D-link 24 port<br>5) Printer HP 1020<br>6) USB DVD R/W LG<br>7) Projector Sony VPLDX 220   |
| 4 | Electrical Engineering | 1)Electrical Machines Lab | 1) D.C. Motor shunt 3 KW, 1500 rpm , 230v, 11 Amps with break pulley<br>2) Coupled set of 5 kVA alternator 440V with D.C.Compound Generator rating alternator 5KVA, 440v, 7 Amp<br>3) Coupled set of Alternator with D.C.Shunt Generator Alternator Rating 5 KVA, 440V, 7 Amp , 1500 rpm, Generator 230V, 28 Amp, 1500 Rpm<br>4) D.C.Machine shunt 230v, 1500 rpm with break and pulley arrangement<br>5) Three Phase Squirrel cage I.M. with generator<br>6) 3 phase Slip ring Induction Motor with generator<br>7) Rectifier D.C. Power Supply<br>8) Single Phase A.C. series Motor<br>9) Single phase Capacitor start motor rating 230V, 750 watt<br>10) Synchronising panel<br>11) 5KVA alternator coupled 7.5 DC shunt motor<br>12) 5Kw DC shunt motor coupled DC Gen.<br>13) 3 Ph. Squiral cage Ind motor<br>14) 1 phase Lamp Bank 3 No |

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|  |  |                                  | 15) 3 Phase Transformer 3KVA Ratio 1:1<br>16) Lamp Bank 3 Ph, 230/415 V   |
|  |  | 2)Hardware M E                   | 1) Power quality analyzer<br>2) Desktop PC lenova core 2 duo intel 2.93 Ghz. 2 G.B. DDR2 SD RAM With DVD Rw Drive 17" TFT Monitor, Windows 7<br>3) Desktop lenova edge Core i5 4 GB, 500 GB, DVD RW with win 7 19.5 inch LED monitor<br>4) DSP trainer kit TMS320F28335<br>5) 3 ph. IPM based power module<br>6)3 PH. 3 Hp AC motor Eddy current load set up<br>7)1.1 HP. BLDC Motor with eddy current load<br>8)1.2 hp, PMSM Motor with eddy current loading arrangement<br>9)DSO Four Channel color digital oscilloscope                                    |
|  |  | 3)Power Electronics & Drives Lab | 1) Three phase converter fed separately excited DC Motor Drive<br>2) Single phase Converter fed separately excited DC motor drive<br>3) Reversible Regenerative DC drive AC 230 volts, 50 hz input<br>4) 3 phase Microprocessor based firing kit<br>5) 3 phase Half & Full converter<br>6) SCR Converters with RLC Loads, 1 phase Half & Full Converter<br>7) DC. drive for 5 to 10 hp motor<br>8) BLDC motor drive<br>9) Speed control of 3 ph. Induction M/c. using AC voltage controller<br>10) 3 Phase inverter trainer<br>11) Vector controlled IM motor |
|  |  | 4)Applied Electronics Lab        | 1) Analog and Digital Trainer kit XPO CT<br>2) Opam amp kit –P16<br>3) MH2 function generator model fg2MD<br>4) 0 Mh2 dual Oscilloscope.<br>5) 8051 Microcontroller Trainer kit with LCD display with cable , connectors , keyboard and power supplyDYNA-51<br>6) Pic Microcontroller Trainer Kit<br>7) Peripherals For PIC Microcontroller<br>8) Atmega 328p based development board sumartduina .acclerfacing kit.  |
|  |  | 5)Power system Lab               | 1) 200 KVA,11 KV transformer with power cables<br>2) 4 pole structure switch yard with HT equipment<br>3) Main power Control panel<br>4) Sub power control panel<br>5) LT Distribution panel<br>6) PLC SCADA<br>7) Transmission line model.<br>8) Speed Control of DC Motor by PLC<br>9) Air Circuit breaker 400a , L & T Make<br>10) Convey or control by PLC Scientech 2425   |

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|   |   | 6)Core lab.(BEE lab)                        | 1) Sodium & Mercury vapour Lamp<br>2) 1 phase Lamp Bank 3 No<br>3) Verification of superposition theorem<br>4) Dimmer stat 1 phase 4 no<br>5) Meggar.   |
|   |   | 7)Software Lab (Computer Center)            | 1) Dsktop pc core i5 Lenovo<br>2) MATLAB 2014<br>3) Desktop PC Lenovo I3 Processor<br>4) Wipro P4 3 GHz with CD ROM, 17" monitor<br>5) license copy of Turbo C"<br>6) Desktop PC Lenovo I3 Processor<br>7) Desktop PC Wipro interl 2.2 Ghz. Core2 Duo With DVD Rw Drive<br>17" TFT Monitor, Windows XP Professional<br>8) Matlab 25 User<br>9) Server IBM Xeon<br>10) Desktop pc I3 Proc 4GB Ram<br>11) Hitachi Projector M-3042WN<br>12) SAGA SMART BOARD<br>13) MATLAB 2015 B (Upgrade 2014 ) |
|   |   | 8)Electrical Measurement Lab                | 1)Phase Shifting transformer<br>2)Power factor meter<br>3)Lamp Bank 3Ph, 230/440 V, 10 A<br>4)Pressure measurement kit<br>5)Programmable Logic Controller<br>6)Liquid level measurement kit   |
|   |   | 9)Control System Lab                        | 1)Synchro transmitter receiver<br>2)Digital Storage oscilloscope Tektronics make<br>3)PID Controller Trainer Kit<br>4)PC based potentio meter error detector<br>5)A.C.servomotor with loading arrangement   |
|   |   | 10)High voltage Engg. Lab                   | 1)Transformer Oil Tester<br>2)Horn Gap Arrester<br>3)Moveble Corna Cage<br>4)Rod Gap Assembly Unit.<br>5)Thermocouple Trainer Kit<br>6)10 cm Sphere Gap   |
| 5 | Electronics and Telecommunication Engineering | 1) Process Automation & Instrumentation Lab | 1) Kit of measurement of wave forms of electrotherapy<br>2) Calibration of I to P Converter<br>3) Flow Control System Trainer<br>4) Water Temperature Control System Trainer<br>5) Air Temperature Control System Trainer<br>6) SCADA Application Software for any of above System<br>7) communication smart transmitter<br>8) control valve charetarstic   |
|   |   | 2) Basic Elex Lab (BEE)                     | 1)Study of signal BJT CE amplifier with open test point<br>2)Study of summing amplifier using OP Amp With open test point<br>3)Study of difference amplifier using OP Amp With open test point<br>4)Study of Astable multivibrator using 555 with open test point<br>5)Digital trainer kit with 10 i/p & o/p and display with open test point   |
|   |   | 3) Project Lab                              | 1) Digital Trainer (Logsun)<br>2) Digital Trainer (Sigma)   |

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|  |  |                                     |   |
|  |  | 4) Circuit & Simulation Lab         |   |
|  |  | 5) Power Lab                        | 1) V/F Controlled AC Induction Motor Drive / VFD (with Induction Motor)<br>2) Speed Control of Universal Motor (with Motor)<br>3) Feedback Control of DC Motor Drive / 1 Phase LCC drive (with Motor)<br>4) Cycloconverter 3 Phase  |
|  |  | 6) Communication Lab                | 1) Microwave Test Bench Klystron<br>2) Microwave Test Bench Gunn Diode<br>3) Antenna Trainer System (Model RFL - AMS- A)  |
|  |  | 7) VLSI Lab                         | <b>PLC and HDL Programming Lab</b><br>1) Simulate Half adder and Full Adder using VHDL<br>2) Simulate 4:1 Mux using VHDL<br>3) Simulate all types of Flip Flops using VHDL<br>4) Simulate Shift Register(Left and Right shift) using VHDL<br>5) Simulate Half adder and Full Adder using Verilog<br>6) Simulate 3:8 Decoder using Verilog<br>7) Simulate Counter using Verilog<br>8) Simulate ALU using Verilog   |
|  |  | 8) Signal Processing & Embedded Lab | <b>Computer Networks</b><br>1) Study of network commands & IP address configurations<br>2) Study of Cable tester for fault detection of UTP-CAT5 Cross / Straight LAN cable.<br>3) Implementation of LAN using star topology and connectivity between two computers using cross over UTP CAT5 cable. (Cisco Packet Tracer)<br>4) Installation and configuration of Web Server and hosting web page using HTML programming. (Cisco Packet Tracer)<br>5) Installation and configuration of Proxy Server.<br>6) Installation and configuration of Telnet server for Telnet Communication. (Teamviewer)<br>7) Write a program in „C“ for Encryption and Decryption (RSA Algorithm).<br>8) Write a program in „C“ for Shortest Path algorithm.<br>9) Connectivity of LAN computers to Internet using Dial-Up modem/leased line Modem /Mobile Handset. (Installation and configuration).<br>10) Installation of Suitable Protocol Analyzing software and Analysis of Intranet activities. (Wireshark) |

Place : Pune

Date : 01 August 2020

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|   |                        |                          |  |
|---|------------------------|--------------------------|--|
|   |                        |                          | <p><b>Advanced Processor</b></p> <ol style="list-style-type: none"> <li>1) Interfacing LPC2148 with GLCD to display image on it.</li> <li>2) Using UART of LPC2148 for serial reception and transmission from/to computer.</li> <li>3) Interfacing GSM with LPC2148 for sending and receiving message and voice call.</li> <li>4) Interfacing GPS with LPC2148 for finding current location latitude and longitude values.</li> <li>5) Using built-in ADC of LPC2148 for displaying its values (Programming built-in ADC with interrupt and without interrupt)</li> <li>6) Interfacing SD card to LPC2148 using SPI.</li> <li>7) Discrete Fourier Transform Using FFT Algorithm on TMS320C6748 DSP Development kit.</li> <li>8) Discrete Fourier Transform Using DFT FFT Radix 2 Algorithm on TMS320C6748 DSP Development kit.</li> </ol> <p><b>Embedded Processors</b></p> <ol style="list-style-type: none"> <li>1) Introduction to CCS</li> <li>2) Blinking an onboard LED</li> <li>3) LED control using a switch</li> <li>4) Interrupt programming through GPIO</li> <li>5) Pulse Width Modulation</li> <li>6) Interfacing potentiometer with MSP430</li> <li>7) Interfacing LPC2148 to Seven Segment / RGB LED</li> <li>8) Interfacing LPC2148 to LCD</li> <li>9) Interfacing LPC2148 for internal ADC on interrupt basis</li> <li>10) UART Interfacing LPC2148 in embedded system (GSM/GPS)</li> <li>11) Generation of PWM signal for motor control using LPC2148</li> </ol> |
|   |                        | 9) Post Graduate Lab     |  |
| 6 | Mechanical Engineering | 1) Metallurgy Laboratory | <ol style="list-style-type: none"> <li>1) Metallurgical Microscope (Monocular)</li> <li>2) Metallurgical Microscope (Binocular)</li> <li>3) Universal testing machine</li> <li>4) Abrasive belt Grinder</li> <li>5) Magnetic particle crack detector unit</li> <li>6) Poldi Hardness tester</li> <li>7) Ultrasonic test rig</li> <li>8) Vickers Hardness Tester</li> <li>9) Inverted Microscope</li> <li>10) Metallurgical Trinocular Microscope</li> <li>11) Computerized Rockwell cum Brinell Hardness tester</li> <li>12) Polishing machine (Double Disc)</li> <li>13) Digital Impact testing Machine</li> <li>14) Cupping testing machine</li> </ol>   |

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|  |  |  |  |
|--|--|--|--|
|  |  |  | (Erichsen)   |
|  |  | 2) Heat Engine Laboratory                        | 1) Two stage reciprocating air compressor Test rig<br>2) Diesel Generator set<br>3) Exhaust Gas analyser<br>4) Vapour absorption test rig<br>5) Smoke meter<br>6) Computerized Single Cylinder Engine Test Rig<br>7) 3 cylinder four stroke petrol Engine Test Rig set up<br>8) Experimental set up for investigation on performance of S I Engine fuel with Hydrogen Gas as an alternative fuel<br>9) Hydrogen Gas leak Detector<br>10) Regulator -Two stage Hydrogen gas & Flash back arrestor<br>11)Flow meter for Hydrogen Gas<br>12) I C Engine Test Rig(Single cylinder) 13)Air Compressor<br>14) Steam Power Plant<br>15)Bomb calorimeter<br>16)Orsat Apparatus |
|  |  | 3) Heat Transfer Laboratory                      | 1)Insulating powder setup<br>2) Composite slab setup<br>3)Pin Fin set up<br>4) Natural Convection set up<br>5) Forced Convection setup<br>6) Stefan boltzmann's constant setup<br>7)Emissivity of test plate setup<br>8) Critical Heat flux setup<br>9) Heat pipe demonstrator   |
|  |  | 4) Theory of Machines Laboratory                 | 1) Trifilar suspension apparatus<br>2) Epicyclic gear train test rig<br>3) Governor (Centrifugal) apparatus<br>4) Clutch Test Rig<br>5) Dynamometer setup<br>6) Torsion testing machine<br>7) To study manufacturing of gear using gear generation with rack as a cutter and to generate involute profile  |
|  |  | 5) Dynamics of Machinery Laboratory              | 1) Universal governor Apparatus<br>2) Motorised Gyroscope Apparatus<br>3) CAM analysis machine<br>4) Vibration Lab<br>5) Computerized Wheel Balancing Machine<br>6)Whirling of shaft apparatus   |
|  |  | 6) Fluid Machinery Laboratory                    | 1) Pelton wheel turbine test rig<br>2) Centrifugal pump test rig<br>3) Francis turbine test rig<br>4) Impact of Jet Apparatus  |
|  |  | 7) Fluid Power Laboratory                        | 1) Hyd. Accum. Intensifier and press<br>2) Hydraulic ckt. Trainer<br>3) Pneumatic ckt trainer<br>4) Gear pump test rig   |
|  |  | 8) Refrigeration And Air Conditioning Laboratory | 1) Vapour compression refr. Test rig<br>2) Ice plant test Rig<br>3) A/C cycle test rig<br>4) Rotary air compressor (vane type)<br>5) Hermetically sealed compressor cut section  |

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|  |  |   |   |
|--|--|---|---|
|  |  |   | 6) Cut section models of Refrigeration & condenser<br>7) Cut section models of Expansion valve  |
|  |  | 9) Metrology and Quality Control Laboratory | 1) Optical Flat Monochromatic Light<br>2) Optical Flat Specimen Set<br>3) Autocollimator & Angle Decker<br>4) Floating carriage micrometer<br>5) Tool makers microscope<br>6) Profile Projector<br>7) Dial calibration tester<br>8) Portable digital surface finish tester<br>9) Electronic comparator twin channel   |
|  |  | 8) Computer Aided Design Laboratory         | 1) 2-D sketching with geometrical and dimensional constraints<br>2) Solid & Surface modeling for simple mechanical components<br>3) Assembly modeling (Output file as Assembly drawing and detailing) of the parts modeled in Practical assignment<br>4) Reverse Engineering of surface/solid modeling using Point Cloud Data.<br>5) Assembly Modeling by importing parts/components from free online resources like CAD and Product development software websites, forums, blogs, etc.<br>6) Demonstration on CAD Customization (with introduction to programming languages, interfacing)<br>7) Program on Roots of Equation<br>8) Program on Simultaneous Equations<br>9) Demonstration of optimization technique using suitable solver.<br>10) Program on ODE<br>11) Program on PDE (Validation by suitable solver): Laplace equation<br>12) Program on Curve Fitting using Least square technique<br>13) Program on Interpolation<br>14) Program on Numerical Integration |
|  |  | 9) Computer Aided Engineering Laboratory    | 1) Demonstration of Application Programming Interface (API).<br>2) Stress and deflection analysis of Beam (FEA).<br>3) Stress and deflection analysis of 2D truss (FEA).<br>4) Stress and deflection analysis of any Mechanical Component using FEA software and validate the results by analytical methods (FEA).<br>5) Tool path generation and simulation for Turning – Grooving and Threading with help of suitable software.<br>6) Tool path generation and simulation for Milling – Facing, Pocketing, Contouring and drilling, etc. with help of suitable software.  |

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|   |                        |                                     |   |
|---|------------------------|-------------------------------------|---|
|   |                        |                                     | <p>7) Case study on Rapid Prototyping - Exporting STL files from 3D CAD models, structure of STL files, etc.</p> <p>8) Case study based on modeling and analysis of structural system (Industry Based)</p> <p>9) Manufacturing of machine component using additive manufacturing or Using CNC simulator software.</p>   |
|   |                        | 10) Computer Graphics Laboratory    | <p>1) Construct any Engineering Curve by any method</p> <p>2) Orthographic view of any machine element along with sectional view.</p> <p>3) Draw Isometric views for given orthographic views.</p> <p>4) Draw the development of lateral surface of a solid/ truncated solid</p> <p>5) Draw the isometric or Orthographic view of a product /object</p>   |
|   |                        | 11) Basic Mechanical Laboratory     | 1) Models of BME  |
|   |                        | 12) Mechatronics Laboratory         | <p>1) Temp Calibration Test Rig</p> <p>2) Digital Multimeter</p>  |
| 7 | First Year Engineering | 1) Engineering Chemistry Laboratory | <p>1) pH Metry</p> <p>2) Beer's Lambert's Law</p> <p>3) Conductivity Titration</p>  |
|   |                        | 2) Engineering Physics Laboratory   | <p>1) Newton's Ring</p> <p>2) Ultrasonic Interferometer</p> <p>3) He-Ne Laser Kit</p> <p>4) Hall Effect</p> <p>5) Solar Cell, Malus Law, Energy Band Gap Complete setup</p>   |
| 8 | Production Engineering | 1) CAD/CAM Lab                      | <p>1) C.N.C.(TMW 200) Lathe</p> <p>2) Unigraphics Mfg. Bundle 10 nos. and (FEMAP + NASTRAN) 5 nos. and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos. and eMplant- 02 Nos. )</p> <p>3) Computer Software Autodesk Inventor Professional Edu. License</p> <p>4) Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user</p> <p>5) Unigraphics 8.0 Cam Express (Simulation, Modeling, ToolPath Generation) 20 user</p> <p>6) ANSYS Academic Teaching + CFD Version 16.2 for(25 user)</p>   |
|   |                        | 2) Robot and Automation Lab         | <p>1) PLC Programming Kit (01)</p> <p>2) Set up for Mechatronics System Using Components, Sensors, Actuators &amp; Microcontroller (Bottle Filling Plant)(01)</p> <p>3) Robotic Arm System</p> <p>A) Six Axis Robot Arm, B) Servo Power Supply</p> <p>C) Ultrasonic Range Finder, D) Flexiforce Sensor</p> <p>E) Colour Sensor Evaluation Kit</p> <p>4) Process Line Simulation (Physical model), table mounted</p> <p>5) Microcontroller &amp; Microprocessor Kit</p> <p>6) Pneumatic Trainer Kit With Different Pneumatic Components</p> <p>7) Hydraulic Trainer Kit With Different Hydraulic Components</p> <p>8) Transparent Pneumatic Trainer</p> <p>9) Measurement &amp; Control of Level</p> |

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|   |          |                                       |  |
|---|----------|---------------------------------------|--|
|   |          |                                       | 10) Measurement & Control of Pressure  |
|   |          | 3) Tool Engineering Lab               | 1) Various Types of Cutting Tools, Clamping Devices, Nuts, Drill Bushes etc.<br>2) Single Spindle Automat (Chuck Type)<br>3) Lathe & Drill Tool Dynamometer & Control Panel (01each) |
|   |          | 4) Non Traditional Machine            | EDM Demo Setup-2 Specimen Electrodes with tool holders, Fully charged dielectric tank, Mosfet Controller   |
|   |          | 5) Production Management Lab          | 1) Systat Statistical Software -Version 12<br>2) Data Acquisition System (32 Channel Input/ Output Make :Advantec)   |
|   |          | 6) Advanced Production Technology Lab | 1) Advanced Hydraulic Trainer<br>2) Hydraulic Press<br>3) Advanced Pneumatic Circuit Trainer<br>4) Gear Pump Test Rig  |
|   |          |                                       |  |
| 9 | Workshop | 1)                                    |  |
|   |          | 2)                                    |  |
|   |          | 3)                                    |  |

Computing Facilities

|   |                |
|---|----------------|
| Internet Bandwidth                      | 155 MBPS       |
| Number and configuration of System      | 809            |
| Total number of system connected by LAN | 809            |
| Total number of system connected by WAN | 809            |
| Major software packages available       | As given below |

| Special purpose facilities available (e.g.Software, design tools, etc) |                        |  |
|--|------------------------|--|
| Sr No  | Department             | Software, Design Tools Available   |
| 1  | Chemical Engineering   | 1) Chem CAD (CC) Software (10 users)<br>2) Visual Studio 2005 Professional<br>3) Auto Desk Inventor Professional 11<br>4) Auto Desktop Inventor Professional Educational License<br>5) Autodesk product AutoCAD perpetual Lic Educational (10 Users)<br>6) MATLAB (26 Users) Simulink (02), Control tool box (02), System Identification Tool boxes (02) Partial Differential Equation toolbox (01), Neural Network Toolbox (01)<br>7) Unisim Design Academic Programs (100 users)<br>8) Ansys Academic Teaching (CFD Module) (5 users)<br>9) Matlab, Simulink and Control tool boxes            |
| 2  | Civil Engineering      | 1) Auto CAD Civil 3D 21 User 2) Revit Architecture<br>3) ETABS 4) Revit Structure<br>5) Revit MEP 6) STADD Pro.<br>7) Auto Desk MAP 8) SAAP<br>9) ETP and WTP  |
| 3  | Computer Engineering   | 1) Oracle 9i (5 users)<br>2) Vstudio.NET Pro 2002 Win32 ENG OLP NL AE (01 users)<br>3) Vstudio.NET Pro 2003 Win32 ENG OLP NL AE (25 users)<br>4) ORACLE 10g Std. Edition one for 25 users with one media<br>5) Auto Desk 3 CD's max 8.0 with kit<br>6) Internet developer suite ( Oracle D2K with media)<br>7) Xilinx 11.2 VLSI Design (25 User)<br>8) ETNL Language Lab (one teacher Cons.<br>9) Matlab 2 User<br>10) Microsoft Campus Agreement (Operating System)<br>11) Fedora 20 12) MongoDB<br>13) Eclipse 14) Python<br>15) My SQL 16) Netbeans<br>17) Ubuntu 18) Blender<br>19) Libgraph |
| 4  | Electrical Engineering | 1) DSP trainer kit TMS320F28335<br>2) Power quality analyzer<br>3) ETAP Power Station version-2<br>4) Variable DC Source 0-60V, 10A  |

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|   |   |   |
|---|---|---|
|   |   | 5) Power Quality Analyser<br>6) MATLAB Software<br>7) Battery Tester<br>8) Arbitrary function Generator   |
| 5 | Electronics and Telecommunication Engineering | 1) MICROSOFT WINDOWS 7<br>2) MICROSOFT OFFICE 10<br>3) QUICK HEAL ENDPOINT SECURITY<br>4) ADOBE ACROBAT READER<br>5) WINRAR<br>6) JAVA TOOLS<br>7) MICROCHIP MPLAB<br>8) PROTEUS 8<br>9) MULTISIM 10<br>10) PSIM 9 ( 1 COPY FOR 15 USERS )<br>11) MATLAB 2010A COMMON<br>12) XILINX 9.2I<br>13) MENTOR ( 1 COPY FOR 20 USERS )<br>14) DEV D++<br>15) ECLIPSE<br>16) SIDE - 51 & ARM , SPJ TERMINAL, FLASH MAZIC<br>17) MICROWIND SOFTWARE VERSION 3.1 N12 LOGIC ( 1 COPY FOR 15 USERS)<br>18) PYTHON 2.7<br>19) EM/MICROWAVE SIMULATION SOFTWARE VERSION 5 (FEKO5)<br>20) SOFTWARE FOR ONLINE EXAMINATION SYSTEM - VIDYACARE ONLINE EXAMINATION SYSTEM CLOUD BASED + LOCAL INSTALLATION HASTING SPACE FOR EXAMINATION INSTANCE. LICENCED FOR SINGLE DEPARTMENT UNLIMITED STUDENTS UNLIMITED STAFF.<br>21) LINUX |
| 6 | Mechanical Engineering                        | 1) PRO/E WILDFIRE 4.0<br>2) MatLab 7.0 Common<br>3) MATLab 10 Common<br>4) ANSYS Software 13.0<br>5) Matlab 16 B Academic version<br>6) ANSYS Software 16.02<br>7) Master CAM X 9<br>8) Auto Desk Product AutoCAD 2009<br>9) Altair HyperWorks 125 Hyper<br>10) MSC ADAMS software<br>11) MATLAB R2014a<br>12) LCD Projectors<br>13) SAGA Board (smart board)<br>14) DB Meter for Noise Measurement<br>15) 3D Printer   |
| 7 | First Year Engineering                        | 2)<br>3)  |
| 8 | Production Engineering                        | 1) Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos.and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos.and eMplant- 02 Nos. )<br>2) Computer Software Autodesk Inventor Professional Edu. License<br>3) Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user<br>4) Unigrahics 8.0 Cam Express (Simulation, Modeling,ToolPath Generation) 20 user<br>5) ANSYS Academic Teaching + CFD Version 16.2 for(25 user)<br>6) JASP- Version 2 (Janatics Animation Software & Pneumatics)<br>7) Systat Statistical Software -Version 12  |
| 9 | Workshop                                      | 1)<br>2)<br>3)  |

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## Innovation Cell

AISSMS COE has formed Institute Innovation council for start up- innovation activities. This council aims to support creating world class innovators and entrepreneurship along with graduation course of engineering. Through IIC our students as well as faculties are attending different online sessions and competitions like, SIH, National Innovation Contests, KAPILA -IPR and leadership program. We have registered and submitted more than 100 SIH problem solutions in 2019-20 and got shortlisted for 3 software solutions and 2 hardware solutions. We won one prize in final Hardware SIH 2019-20 which was conducted at IIT Hyderabad. We submitted around 11 Software + hardware solutions in SIH 2020. We have submitted two prototypes in National Innovation Contest 2020 and got selected for mentoring from expert assigned by MIC. With Innovation spirit we have arranged online (Covid 19) webinar series and online start up competition in May – June 2020.

Also we are providing incubation facilities with the state of the art physical infrastructure, in terms of capital equipments and operating facilities made available to their start-ups, coupled with the availability of sectoral experts for mentoring. Apart from this, business planning support, access to seed capital, industry partnerships, training and other relevant components required for supporting innovative start-ups will be provided. With this we achieved one successful start-up turned in registered company before completion of graduation in 2020-21.

## Social Media Cell

Media is a gift of technology that provides us with the medium for mass communication. Communication tools used to store and deliver information or data. Social media plays an important role in every student's life. It is easier and convenient to access information, provide information and communicate via social media. Teachers and students are connected to each other and can make good use of these platforms. Platforms like Facebook, LinkedIn, Instagram, YouTube and Twitter are used by almost everyone. Print Media includes newspapers, weeklies, magazines, blogs, banners, graphics, posters and other forms of printed material. In order to effectively make use of media, it has been decided to publicize our College events through social and print media

## Compliance of the National Academic Depository (NAD), applicable to PGCM / PGDM Institutions and University Departments.

### List of facilities available

|                                   |  |
|-----------------------------------|--|
| Games and Sport facilities        |  |
| Extra – Curricular Activities     |  |
| Soft Skill Development Facilities |  |

### Teaching Learning Process

|   |  |
|---|--|
| Curricula and syllabus for each of the programmes as approved by the University | Link : <a href="https://drive.google.com/file/d/1lcnArbz5pffe3jMn9LrvN0N17covAUve/view?usp=sharing">https://drive.google.com/file/d/1lcnArbz5pffe3jMn9LrvN0N17covAUve/view?usp=sharing</a>     |
| Academic Calendar of the University   | Link : <a href="https://drive.google.com/file/d/1ohnjUikHvkHIV_XU-GMf5VAjz7fx_CrL/view?usp=sharing">https://drive.google.com/file/d/1ohnjUikHvkHIV_XU-GMf5VAjz7fx_CrL/view?usp=sharing</a>     |
| Academic Time Table with the name of the Faculty members handling the Course    | Link : <a href="https://drive.google.com/drive/folders/1aS48bdYxCDw_QAsCa5-NpxuHTVlpOgDO?usp=sharing">https://drive.google.com/drive/folders/1aS48bdYxCDw_QAsCa5-NpxuHTVlpOgDO?usp=sharing</a> |
| Teaching Load of each Faculty   | Link : <a href="https://drive.google.com/drive/folders/1-8qj0iKeQ7D42NHMJ9gvp2P9PcZypD1O?usp=sharing">https://drive.google.com/drive/folders/1-8qj0iKeQ7D42NHMJ9gvp2P9PcZypD1O?usp=sharing</a> |
| Internal Continuous Evaluation System and place                                 | Link : <a href="https://drive.google.com/file/d/1EAeC8Ev1RJTi_hRkAmKDFf_IB6ziCaeE/view?usp=sharing">https://drive.google.com/file/d/1EAeC8Ev1RJTi_hRkAmKDFf_IB6ziCaeE/view?usp=sharing</a>     |
| Students assessment of Faculty, System in place                                 | Link : <a href="https://drive.google.com/file/d/1IMeSMcZHsRPfoS8db5O4itgrONdo0GPS/view?usp=sharing">https://drive.google.com/file/d/1IMeSMcZHsRPfoS8db5O4itgrONdo0GPS/view?usp=sharing</a>     |

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For each Post Graduate (PG) Course give the following

|                     |  |
|---------------------|--|
| Title of the Course | 1) ME – Chemical Engineering<br>2) ME – Civil Engineering (Structural Engineering)<br>3) ME – Computer Engineering<br>4) ME - Electrical Engineering (Power Electronics and Drives)<br>5) ME – Electronics and Telecommunication Engineering (VLSI and Embedded Systems)<br>6) ME – Mechanical Engineering (Automotive Engineering)<br>7) ME – Mechanical Engineering (Design Engineering) |
|---------------------|--|

|   |   |
|---|---|
| Curricula and Syllabi                                       | Link<br>: <a href="https://drive.google.com/file/d/1h6S9tMtWHuXtMRQ1ZozFSZKIHzFJ2TN/view?usp=sharing">https://drive.google.com/file/d/1h6S9tMtWHuXtMRQ1ZozFSZKIHzFJ2TN/view?usp=sharing</a> |
| Laboratory facilities exclusive to the Post Graduate Course | As given below  |

| Laboratory facilities exclusive to the Post Graduate Course |   |   |
|---|---|---|
| Sr No   | Department                                    | Laboratory facilities exclusively for PG courses  |
| 1   | Chemical Engineering                          | 1) Lenovo Desktop PC (i3)<br>2) Ansys Academic Teaching (CFD Module)<br>3) Double beam UV Spectrophotometer<br>4) Gas chromatography Model GC 8610<br>5) Lab Model Autoclavable Bioreactor<br>6) High performance Liquid Chromatography (HPLC)<br>7) Digital COD Digestor   |
| 2   | Civil Engineering                             | <b>Structural Dynamics Lab</b><br>Vertical shake table, Horizontal shake table  |
| 3   | Computer Engineering                          | 1) Lenovo Desktop PC (i7)    2) Anaconda<br>3) Tensorflow                      4) Python<br>5) CCTV Camera                  6) Printer<br>7) Internet Facility  |
| 4   | Electrical Engineering                        | 1) DSP trainer kit TMS320F28335<br>2) DSP trainer kit TMS 320F2812<br>3) 3 ph. IPM based power module<br>4) 3 PH. 3 Hp AC motor Eddy current load set up<br>5) 1.1 HP. BLDC Motor with eddy current load<br>6) 1.2 HP, PMSM Motor with eddy current loading arrangement<br>7) LCR Meter<br>8) Hitachi Projector Model no 3042 WN<br>9) Power Quality Analyser<br>10) MATLAB Software<br>11) 3 Ph. Rotation Indicator kit<br>12) Battery Tester<br>13) Arbitray function Generator |
| 5   | Electronics and Telecommunication Engineering | 1) Desktop Computer LENOVO Intel E7500 Core2Duo 2.93 GHz<br>2) Printer HP 1007 LJ<br>3) UPS & Batteries Legrand Numeric UPS 7.5 KVA, III Phase - 1 Phase with 24 Batteries 12V26A II  |
| 6   | Mechanical Engineering                        | 1) <b>P G Lab (Mechanical Automotive Engineering)</b><br>i) Chassis Dynamometer<br>2) <b>PG Software Laboratory (Auto)</b><br>i)Lenovo PC EDGE 73 I7, 8 GB RAM, 2 GB Graphics card<br>ii)True online UPS 7.5 KVA)<br>3) <b>P G Lab (Mechanical Design Engineering)</b><br>i) FFT Analyser<br>4) <b>Automotive systems Lab</b><br>i) Cut section model of Petrol Engine<br>ii) Cut Section Model of Differential   |

|                                  |        |
|----------------------------------|--------|
| Academic Calendar and frame work | Link : |
|----------------------------------|--------|

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**(16) Enrollment of students in the last 3 years**

| Sr No        | Branch  | Sectioned Intake | No of Enrollment |            |            |
|--------------|---|------------------|------------------|------------|------------|
|              |   |                  | 2017-2018        | 2018-2019  | 2019-2020  |
| 1            | Chemical Engineering  | 60               | 52               | 60         | 51         |
| 2            | Civil Engineering   | 120              | 125              | 122        | 114        |
| 3            | Computer Engineering  | 60               | 65               | 63         | 74         |
| 4            | Computer Engineering (Second Shift)   | 60               | 60               | 60         | 66         |
| 5            | Electrical Engineering  | 60               | 54               | 51         | 61         |
| 6            | Electronics and Telecommunication Engineering                                 | 60               | 57               | 52         | 62         |
| 7            | Mechanical Engineering  | 120              | 124              | 127        | 107        |
| 8            | Mechanical Engineering (Sandwich Pattern)                                     | 60               | 62               | 64         | 52         |
| 9            | Production Engineering (Sandwich Pattern)                                     | 60               | 53               | 37         | 17         |
| 10           | ME -Chemical Engineering  | 18               | 4                | 1          | 3          |
| 11           | ME - Civil Engineering (Structural Engineering)                               | 18               | 18               | 17         | 19         |
| 12           | ME -Computer Engineering  | 18               | 6                | 3          | 2          |
| 13           | ME - Electrical Engineering (Power Electronics and Drives)                    | 18               | 7                | 6          | 2          |
| 14           | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | 18               | 6                | 1          | 2          |
| 15           | ME - Mechanical Engineering (Automotive Engineering)                          | 18               | 9                | 4          | 4          |
| 16           | ME - Mechanical Engineering (Design Engineering)                              | 18               | 14               | 8          | 5          |
| <b>Total</b> |   | <b>786</b>       | <b>716</b>       | <b>676</b> | <b>641</b> |

**(17) List of Research Projects/ Consultancy Works**

|   |                |
|---|----------------|
| Number of Projects carried out, funding agency, Grant received                    | As given below |
| Publications (if any) out of research in last three years out of masters projects | As given below |
| Industry Linkage  | As given below |
| MOUs with Industries (minimum 3)  | As given below |

**Number of Projects carried out, funding agency, Grant received (last three years) 2019-20, 18-19, 17-18)**

| Chemical Engineering |  |   |                      |                |
|----------------------|--|---|----------------------|----------------|
| S N                  | Title of the Project   | Principal Investigator                          | Amount Received (Rs) | Funding Agency |
| 1                    | Studies of some Novel Anti_mico bacterium agents   | Dr. M S Despande                                | Rs 2,30,000          | BCUD PUNE      |
| 2                    | Value added products from Karanja using novel techniques   | Dr S P Danao, Prof.V L Gole and Prof P S Tadkar | Rs 2,75,000          | BCUD PUNE      |
| 3                    | Rejuvenation of Effluent Remediation by continuous flow with visible light induced reactor using nanoparticles | Dr A V Mohod                                    | Rs 40000             | IEI Kolkatta   |
| Civil Engineering    |  |   |                      |                |
| S N                  | Title of the Project   | Principal Investigator                          | Amount Received (Rs) | Funding Agency |
| 1                    | Nil  |   |                      |                |

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

| Computer Engineering             |   |                        |                      |  |
|----------------------------------|---|------------------------|----------------------|--|
| S<br>N                           | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency   |
| 1                                |   |                        |                      |  |
| 2                                |   |                        |                      |  |
| Electrical Engineering           |   |                        |                      |  |
| S<br>N                           | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency   |
| 1                                |   |                        |                      |  |
| 2                                |   |                        |                      |  |
| Electronics and Tele Engineering |   |                        |                      |  |
| S<br>N                           | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency   |
| 1                                |   |                        |                      |  |
| 2                                |   |                        |                      |  |
| Mechanical Engineering           |   |                        |                      |  |
| S<br>N                           | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency   |
| 1                                | Tribological Performance Evaluation of Non Asbestos organic Brake Pad Materials                             | Dr B D Bachchhav       | 25000/-              | IE(I) R&D Cell   |
| 2                                | Wind Analysis of Canopy, Pitch-roof and Square Tall Building with Different Shape Using Wind Tunnel and CFD | Mr P V Deshmukh        | 20000/-              | IEI R&D Cell<br>Technical Department<br>The Institution of Engineers (India) |
| 3                                | Onion Harvesting Machine” under Unnat Bharat Abhiyan Scheme.  | Mr M S Swami           | 1,00,000/-           | MHRD, Govt. of Maharashtra under Unnat Bharat Abhiyan                        |
| 4                                | Development Of Latent Heat Energy Storage For Solar Applications  | Dr A V Waghmare        | 1,50,000/-           | BCUD Pune  |
| 5                                | Ultrasonic Measurement Of Fluid Film Thickness In A Bearing   | Dr D Y Dhande          | 1,50,000             | BCUD Pune  |
| 6                                | Investigations on Performance of Spark Ignition Engine Fuelled with Hydrogen Gas as an                      | Dr S J Navale          | 1,15,000             | BCUD Pune  |

Place : Pune

**Date : 01 August 2020**

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|                        |   |                        |                      |                |
|------------------------|---|------------------------|----------------------|----------------|
|                        | Alternate Fuel  |                        |                      |                |
| 7                      | Automation for Bone Alignment in Post-Surgery Monitoring and Control for Biomedical Instrumentation | Prof P S Aglawe        | 2,00,000             | BCUD Pune      |
| First Year Engineering |   |                        |                      |                |
| S<br>N                 | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency |
| 1                      |   |                        |                      |                |
| 2                      |   |                        |                      |                |
|                        |   |                        |                      |                |
| Production Engineering |   |                        |                      |                |
| S<br>N                 | Title of the Project  | Principal Investigator | Amount Received (Rs) | Funding Agency |
| 2019-20                |   |                        |                      |                |
| 1                      | Nil   | -----                  | -----                | -----          |
| 2018-19                |   |                        |                      |                |
| 1                      | Nil   | -----                  | -----                | -----          |
| 2017-18                |   |                        |                      |                |
| 1                      | Nil   | -----                  | -----                | -----          |

**ME: Publications (if any) out of research in last three years out of Masters projects (last three years)**

| Chemical Engineering                           |  |
|--|--|
| Authors  | Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)   |
| Madhura Kulkarni, P. N. Dange, V. S. Vitankar, | Design and Mathematical Modeling of Cyclone Separataor Using OPENFOAM, International Journal of Research and Analytical Reviews, 2019, Volume 6, Issue 2, ISSN: 2348-1269    |
| Mangesh Kulkarni, RajendraRaut                 | Design of 40 KLPD absolute alcohol plant by MSDH Process, International Journal of Innovative Research and Technology, , 2020, Volume 7, Issue 2, 214 – 220, ISSN: 2348-1269 |
| Jyoti D. Nikam, Rajendra                       | Distillery Waste Water (Spent Wash ) Biomethanation- Waste to  |

Place : Pune  
**Date : 01 August 2020**

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**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|  |   |
|--|---|
| S. Raut, K. R. Jethani                               | Energy Generation. International Journal of Advanced Research (IJAR), 2019, Vol. 7, 228-233, ISSN: 2320-5407  |
| VarshaYadhav, Rajendra S Raut ,                      | Acid Based Hydrolysis Treatment of Sugar Cane Leaves to Manufacture Ethanol, International Journal for Science and Advanced Research in Technology, Volume 4,(2018) 6-10, ISSN: 2395-1052   |
| Civil Engineering                                    |   |
| <b>Authors</b>                                       | <b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>   |
| Uttam R. Awari and Swati A. Kulkarni, Neha K. Berde, | Behavior of Reduced Beam Section Moment Connection with Varying Thickness of Continuity Plate, International Journal of Sustainable Construction Engineering & Technology (ISSN: 2180-3242) Vol 8, No 1, October 2017, pp 77-83                                       |
| Uttam R Awari, Prajot Vikas Dhadge                   | Experimental investigation of compressive strength of composite GFRP double skin tubular column, International Journal of Current Advanced Research (O: 2319-6475, ISSN: P: 2319-6505), Volume 8, Issue 04 (A), April 2019, pp 17166-17170                            |
| Chetan N. Bhatiwal and Uttam R. Awari,               | Experimental investigation on bamboo reinforcement in curved bema, International Journal of Current Advanced Research (O: 2319-6475, ISSN: P: 2319-6505), Volume 8, Issue 04 (D), April 2019, pp 18276-18280  |
| Dattaprasad H. Galphade and Uttam R. Awari,          | Confinement of reinforced concrete column with UPVC, International Journal of Current Advanced Research (O: 2319-6475, ISSN: P: 2319-6505), Volume 8, Issue 04 (F), April 2019, pp 8419-18422   |
| Jayesh S. Gosavi and Uttam R Awari,                  | Experimental investigation on effect of micro silica on high-strength concrete, International Journal of Current Advanced Research (O: 2319-6475, ISSN: P: 2319-6505), Volume 8, Issue 04 (A), April 2019, pp 18055-18060   |
| Uttam R. Awari and Ajay R. Gajbhiye,                 | Flexural behavior of reinforced concrete beams retrofitted with GFRP: An Experimental Approach, The Indian Concrete Journal, March 2020, pp 30-36   |
| Dr P B Nangare                                       | A research paper on, “CFD Modelling of Flow Over Stepped Spillway – A Review”, Published in International Journal of Innovative Research in Technology (IJIRT), pp , Vol. 6, Issue 1, June 2019 ISSN: 2349-6002.  |
| Dr P B Nangare                                       | A research paper on, “Hydraulic Model Investigations of Plain and Slotted Roller Buckets for Stepped Spillway”, Published in International Journal of Engineering, Technology & Applied Science Research (ETASR), Vol. 9, No. 4, August 2019, PP: 4419-4422           |
| Dr P B Nangare                                       | A research paper on, “Energy Dissipation in Solid Roller Bucket and Controlled Stilling Basin for Ogee Stepped Spillway”, Published in International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878 (Online), Volume-8 Issue-4, November 2019. |

Place : Pune  
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|                      |  |
|----------------------|--|
| Dr R D Nalawade      | “Prediction of CBR Value of Stabilized of Black Cotton Soil use for Road Construction” International Journal of Engineering and Advanced Technology (IJEAT), DOI:10.35940/ijeat.C5667.029320 Vol. 9, Issue 3. ISSN No. 2249-8958, PP 2317-2322. February 2020. |
| Dr S D Nagrale       | Optimizing MSW Transportation Routes for Pune City using MATLAB International Journal Of Recent Technology and Engineering (IJRTE) e ISSN1792-8036   |
| Dr D V Wadkar        | Application of Feed Forward Neural Network for Prediction of Optimum Coagulant Dose in Water Treatment Plant Journal of Hydraulic Engineering 2278-3075 (Online)], Vol 08 Issue 12,pp.1853-  |
| Dr D V Wadkar        | Modelling of Chlorine and Coagulant Dose in a Water Treatment Plant by Artificial Neural Networks Engineering, Technology & Applied Science Research 9(3), June 2019 eISSN 1792-8036 pISSN 2241-4487   |
| G C Chikute          | Failures of Gabion WallsID-J97310881019, International journal of innovative technology and exploring Engineering, opus indexed , 2278-3075  |
| G C Chikute          | Techno-Economical Analysis of Gabion Retaining Wall against Conventional Retaining Walls, (IRJET), FTP682608, ISSN: E-23950056 P-23590072  |
| M V Waghmare         | Nonlinear Analysis of RC structure under Multiple Earthquakes”, International Journal for Modern Trends in Science and Technology ISSN: 2455-3778  |
| M V Waghmare         | Seismic Analysis of Diagrid and Buckling restrained Braced structural System” International Journal for Modern Trends in Science and Technology ISSN: 2455-3778  |
| S A Chavan           | Study of Ergonomics and Safety in high rise building IJIRT , 2349-6002   |
| Computer Engineering |  |
| <b>Authors</b>       | <b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>  |
| Dr D P Gaikwad       | User-Level Sentiment Analysis Technique in one Go Social Network and E-commerce,” Journal of Emerging Technologies and Innovative Research, Volume 7, Issue 2, February 2020.  |
| Dr D P Gaikwad       | “Ensemble of Rule Learner and Sequential Minimum Optimization Algorithm for Intrusion Detection System,” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019.                             |
| Dr. D P Gaikwad      | “User-level Sentiment Analysis Technique on Social Network and E-commerce in One Go,” In Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, ISSN-2349-5162, Page No. 160-163, June, 2019.  |
| Dr. D P Gaikwad      | “Performance of Multilayer Perceptron Based Sentiment Analysis on Hyper Parameters and optimizers,” In Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, ISSN NO. 2349-5262, Page No: 408-416, May-2019.                            |

Place : Pune  
Date : 01 August 2020

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**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

|   |   |
|---|---|
| Deepali Ujalambkar , Siddhant Suryawanshi, Pooja Nangude , Mehul Thapar , Purva Suryawanshi | “Soft Approach for Plant Pathology”,JETIR ,April 2020, Volume 7, Issue 4  |
| Bushra Quazi,<br>Neha Deshpande,<br>Payal Sawase,<br>Pratiksha Gaikwad,<br>Aishwaray Sathe  | “DISEASE PREDICTION BY MACHINE LEARNING OVER BIG DATA”<br>IJACSET June 2020, Volume 1, Issue 6, ISSN- 2582-323X   |
| Bushra Quazi,Kalyani Shingane,<br>Jyoti Suryawanshi,<br>Shabdaja Jagdhane,                  | “Camera Based Assistant for Blind People Using RaspberryPi”<br>Volume 9, Issue 6, June 2020   |
| Sumedh Dhengre, Dhanpradha bhoite, Ankita Kamble, Vishakha Kamble                           | Enabling authentication and Access Control-Based<br>Data Sharing with personal Information Hiding for<br>Secure Cloud Storage IJFMR   Volume 1, Issue 3, 2019 ISSN: 2582-2160                                   |
| Bhakti Patil, Vedant Digraskar,Vikas Agarwal, Amit Deokar                                   | Intelligent Agriculture System With Crop Selection Using IOT<br>,International Journal For Research & Development In<br>Technology(IJRDT), Volume-12,Issue-6(Dec-19)<br>ISSN (O) :- 2349-3585                   |
| A S Deokar and Ashlesha Gaikwad   | Dermatological Disorder Detection Using Machine Learning,International Journal of Innovative Science and Research Technology(IJISRT), Volume 5, Issue 6, June – 2020, ISSN No:-2456-2165                        |
| A S Deokar and Pratik Keluskar  | Garbage Monitoring System” Iconic Research And Engineering Journals(IRE) ,Feb 2020 ,Volume 3 Issue 8 , ISSN: 2456-8880  |
| A S Deokar and, Pratik Keluskar   | IoT Trash Bin”, Iconic Research And Engineering Journals(IRE), JUN 2020 ,Volume 3 Issue 12 , ISSN: 2456-8880  |
| A S Deokar and Shivani Tilekar  | Dermatological Disorder Detection Through Machine Learning“, International Journal of Research In Electronics And Computer Engineering (IJRECE) Vol. 7 Issue 4 Oct.-Dec 2019 ,ISSN: 2393-9028 , ISSN: 2348-2281 |
| Dr Madhavi Pradhan<br>Tejas Rajurkar, Piyush Ingle , Akshata Kadam, Sharayu Yadav           | " Open Banking using Voice Enabled Personal Assistants" published in International Journal for Research in Applied Science & Engineering Technology (IJRASET), July 2020, Volume 8, Issue VII, ISSN: 2321-9653  |
| Dr Madhavi Pradhan,   | " Fake News Detection Methods : Machine Learning Approach" published in International Journal for Research in Applied Science & Engineering Technology  |

Place : Pune  
Date : 01 August 2020

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|   |   |
|---|---|
| Rohan Diman,<br>Ankita Shinde,<br>Shreyas Ghorphade, Swapnil Jawale           | (IJRASET), July 2020, Volume 8, Issue VII, ISSN: 2321-9653  |
| Shikha Pachouly1, Neha Bhondve, Ashutosh Dalvi, Vinit Dhande, Neerav Bhamare  | “Driver Drowsiness Detection using Machine Learning” International Journal for Research in Applied Science & Engineering Technology (IJRASET)ISSN: 2321-9653                  |
| Prof. Shikha Pachouly<br>Reetik Mathankar, Vipul Karande, Rahul Hipparkar,    | “UID based Payment Interface” International Journal for Research in Applied Science & Engineering Technology (IJRASET)<br>Volume 8 Issue I, Jan 2020”ISSN: 2321-9653          |
| Prof. Shikha Pachouly<br>Reetik Mathankar, Vipul Karande, Rahul Hipparkar,    | “Payment Interface using Face Recognition” International Journal for Research in Applied Science & Engineering Technology (IJRASET)<br>Volume 8 Issue VI June 2020            |
| V V Waykule<br>Deepali Mahale, Nikita Habib, Mrunal Kaledhonkar               | “IOT Powered Wearable to Assist Individuals :Survey” published in Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162, Vol 7, Issue6, June 2020  |
| V V Waykule<br>Suyash Sutar<br>Suraj Nair<br>Tejas Sonawane<br>Vrushabh Mulik | ”Typographic Portrait Generator Using Image Processing “ in Internation Journal for R Applied Science and Engg Technology(IJRASET)<br>ISSN: 2321-9653 Vol 8,Issue 7,July 2020 |
| Electrical Engineering  |   |
| <b>Authors</b>  | <b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>   |
|   |   |
|   |   |
| Electronics and Tele Engineering  |   |
| <b>Authors</b>  | <b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>   |
| Mechanical Engineering  |   |
| <b>Authors</b>  | <b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>   |

|  |   |
|--|---|
| Kishor N. Hendre,<br>Bhanudas D. Bachchhav,<br>Harijan H. Bagchi., | “Frictional Characteristics of Brake Pad Materials Alternative to Asbestos”, International Journal of Engineering and Advanced Technology (IJEAT), Vol: 9, Issue: 2, (December 2019), pp. 694-698. [DOI: 10.35940/ijeat.B3170.129219]   |
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| Hendre K. N., Bachchhav<br>B. D.                                   | Screening of organic brake pad materials using MADM Technique”, Advances in Intelligent Syst., Computing, Vol. 949, : Advanced Engineering Optimization Through Intelligent Techniques, <a href="https://doi.org/10.1007/978-981-13-8196-6_40">https://doi.org/10.1007/978-981-13-8196-6_40</a> , 2020, Springer Nature   |
| Hendre K. N., Bachchhav<br>B. D.,                                  | Critical property assessment of novel brake pad materials by AHP, Journal of Manufacturing Engineering, Vol: 13 Issue: 3, (Sept. 2018), pp. 148-151.  |
| Sagar Rudrabhate<br>S V Chaitanta                                  | Diesel car emissions and emission control technologies to meet Bharat stage VI norms, International research journal of Engineering and Technology (IRJET), Vol-4, Issue: 10, Oct 2017 e-ISSN: 2395-0056  |
| Sagar Rudrabhate<br>S V Chaitanta                                  | Comparison between EGR and SCR Technologies, International research journal of Engineering and Technology (IRJET), Vol-2, Issue: 3, June- 2017, e-ISSN- 2394-8299   |
| Nayankumar Dhanvij<br>Gajjal P S                                   | Tribological performance evaluation and wear of EN24 for PGT of CNC bending machine, International Conference of Innovative and Advanced Engineering Research, ICIAER-2019  |
| Nayankumar Dhanvij<br>Gajjal P S                                   | Performance evaluation of EN24 for planetary gear transmission of CNC bending machine, Journal of the Brazillian Society of Mechanical Sciences and Engineering, ISSN: 1678-5878, vol 42, nu 6, DOI 10.1007/s40430-020-02392-5  |
| Lanjewar G.H.<br>Dhande D.Y.<br>Pande D.W.                         | Implementation of CFD–FSI Technique Coupled with Response Surface Optimization method for Analysis of Three-Lobe Hydrodynamic Journal Bearing, Journal of Institution of Engineers (Part C), 100, 955-966 (2019), DOI : <a href="https://doi.org/10.1007/s40032-018-0492-0">https://doi.org/10.1007/s40032-018-0492-0</a> |
| Lanjewar G.H.<br>Dhande D.Y.<br>Pande D.W.                         | Numerical analysis of three lobe hydrodynamic journal bearing using CFD–FSI technique based on response surface evaluation, Journal of Brazilian Society for Mechanical Sciences and Engineering, 40 (393), 2018, DOI:  |
| Amol Khokle and C S<br>Choudhari                                   | Experimental testing of a tracked power tiller for ploughing activity, International Journal of Trend in Research and Development, ISSN 2394 – 9333, 2017   |

MOUs with Industry (academic year 2019-20)

| Chemical Engineering |                  |                    |                         |
|----------------------|------------------|--------------------|-------------------------|
| Sr. No.              | Name of Industry | Date of MoU Signed | Valid upto (00/00/0000) |
|                      |                  |                    |                         |
|                      |                  |                    |                         |
| Civil Engineering    |                  |                    |                         |
| Sr. No.              | Name of Industry | Date of MoU Signed | Valid upto (00/00/0000) |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
Dr Dattatraya Shankar Bormane  
Principal, AISSMSCOE, Pune-1

|                                  |                                    |                           |                                |
|----------------------------------|------------------------------------|---------------------------|--------------------------------|
|                                  | <b>NIL</b>                         |                           |                                |
|                                  |                                    |                           |                                |
| Computer Engineering             |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
|                                  |                                    |                           |                                |
|                                  |                                    |                           |                                |
| Electrical Engineering           |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
|                                  |                                    |                           |                                |
|                                  |                                    |                           |                                |
| Electronics And Tele Engineering |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
|                                  |                                    |                           |                                |
|                                  |                                    |                           |                                |
| Mechanical Engineering           |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
| 1                                | Mettchnik Pvt Ltd                  | 10/10/2019                | 10/10/2024                     |
| 2                                | Avishkar Engineers Pvt.Ltd         | 31/12/2019                | 31/12/2020                     |
| First Engineering                |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
|                                  |                                    |                           |                                |
|                                  |                                    |                           |                                |
| Production Engineering           |                                    |                           |                                |
| <b>Sr. No.</b>                   | <b>Name of Industry</b>            | <b>Date of MoU Signed</b> | <b>Valid upto (00/00/0000)</b> |
| 01                               | Aarohi Industry, Saswad, Pune      | 08/01/2021                | 07/01/2026                     |
| 02                               | Univision Automation, Saswad, Pune | 08/01/2021                | 07/01/2026                     |
| 03                               | MIS, Pune                          | 14/10/2017                | 14/10/2022                     |
| 04                               | Sofcon Pvt Ltd, Pune               | 12/10/2017                | 11/10/2022                     |
| 05                               | Elon Power, Pvt Ltd                | 28/12/2020                | 27/12/2025                     |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

| Sr. No. | Name of Industry | Date of MoU Signed | Valid upto (00/00/0000) |
|---------|------------------|--------------------|-------------------------|
|         |                  |                    |                         |
|         |                  |                    |                         |

**(18) LOA and subsequent EOA till the current Academic Year**

| Sr No | Year | LOA / EOA approved letter No & date                                  | Remarks |
|-------|------|--|---------|
| 1     | 1992 | No. F.27-66/92-AICTE/, dated 19-08-1992                              |         |
| 2     | 1993 | No. F MS-66/B-III/RC(BB)/92/29110, dated 31-03-1994                  |         |
| 3     | 1994 | No. F MS-66/92/RC/94, dated 02-09-1994                               |         |
| 4     | 1995 | F.No. 740-89-201(E )/RC/94, dated 10-04-1995                         |         |
| 5     | 1996 | F.No. 740-89-201(E )/ET/96, dated 28-06-1996                         |         |
| 6     | 1997 | F.No. 740-89-201(E )/ET/97, dated 29-08-1997                         |         |
| 7     | 1998 | F.No. 740-89-201(E )/RC/94, dated 28-08-1998                         |         |
| 8     | 1999 | F.No. 740-89-201(E )/RC/94, dated 28-06-1999                         |         |
| 9     | 2000 | F.No. 740-89-201(E )/RC/94, dated 02-11-2000                         |         |
| 10    | 2001 | F.No. 740-89-201(E )/RC/94, dated 27-06-2001                         |         |
| 11    | 2002 | F.No. 740-89-201(E )/RC/94, dated 14-06-2002                         |         |
| 12    | 2003 | F.No. 740-89-201(E )/RC/94, dated 25-06-2003                         |         |
| 13    | 2004 | F.No. 740-89-201(E )/RC/94, dated 14-05-2004                         |         |
| 14    | 2005 | F.No. 740-89-201(E )/RC/94, dated 24-06-2005                         |         |
| 15    | 2006 | F.No. 740-89-201(E )/RC/94, dated 19-05-2006                         |         |
| 16    | 2007 | F.No. 740-89-201(E )/RC/94, dated 14-05-2007                         |         |
| 17    | 2008 | F.No. 740-89-201(E )/RC/94, dated 02-05-2008                         |         |
| 18    | 2009 | 3 F.No. 740-89-201(E )/RC/94, dated 15-06-2009                       |         |
| 19    | 2010 | No. Western Region, Maharashtra/1-4279045/2010/EOA, dated 08-11-2010 |         |
| 20    | 2011 | F.No. Western/1-404489611/2011//EOA, dated 01-09-2011                |         |
| 21    | 2012 | F.No. Western/1-690904961/2012//EOA, dated 10-05-2012                |         |
| 22    | 2013 | F.No. Western/1-1413196742/2013/EOA, dated 19-03-2013                |         |
| 23    | 2014 | F.No. Western/1-2014168989/2014/EOA, dated 04-06-2014                |         |
| 24    | 2015 | F.No. Western/1-2453832772/2015/EOA, dated 07-04-2015                |         |
| 25    | 2016 | F.No. Western/1-2809433078/2016/EOA, dated 05-04-2016                |         |
| 26    | 2017 | F.No. Western/1-3323510836/2017/EOA/Corrigendum-1, dated 27-05-2017  |         |
| 27    | 2018 | F.No. Western/1-3508448206/2018/EOA, dated 10-04-2018                |         |
| 28    | 2019 | F.No. Western/1-4259356245/2019/EOA, dated 10-04-2019                |         |
| 29    | 2020 | F.No. Western/1-7014283393/2020/EOA, dated 30.04.2020                |         |

Place : Pune  
**Date : 01 August 2020**

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

(19) Accounted audited statement for the last three years (2016-2017, 2017-2018 & 2018-2019)

**Income and expenditure:**

| Sr No               | Income                              | 2016-2017           | 2017-2018           | 2018-2019           |
|---------------------|-------------------------------------|---------------------|---------------------|---------------------|
| 1                   | Income From Central Govt            | 0.00                | 0.00                | 0.00                |
| 2                   | Income From UGC                     | 0.00                | 0.00                | 0.00                |
| 3                   | Income From State Govt              | 0.00                | 0.00                | 0.00                |
| 4                   | Income From Other Bodies            | 0.00                | 0.00                | 0.00                |
| 5                   | Income From Student Fees            | 303486395.00        | 315742715.00        | 310405981.00        |
| 6                   | Income From Other/ Internal Revenue | 4384311.50          | 1040138.00          | 0.00                |
| 7                   | Income From Donations               | 0.00                | 0.00                | 0.00                |
| <b>Total Income</b> |                                     | <b>307870706.50</b> | <b>316782853.00</b> | <b>310405981.00</b> |

| Sr No                    | Expenditure                    | 2016-2017           | 2017-2018           | 2018-2019           |
|--------------------------|--------------------------------|---------------------|---------------------|---------------------|
| 1                        | Salary Teaching Staff          | 151825230.99        | 189433957.00        | 162825631.00        |
| 2                        | Equipment                      | 16503738.00         | 17848349.00         | 26460565.00         |
| 3                        | Remuneration to Visiting/Guest | 227039.00           | 354704.00           | 0.00                |
| 4                        | Building Maintenance           | 5054083.00          | 5054083.00          | 5054083.00          |
| 5                        | Salary Non-teaching Staff      | 39601466.00         | 42430466.00         | 40301919.00         |
| 6                        | Other Expenditure              | 80892345.00         | 89979500.00         | 89949801.00         |
| 7                        | Library                        | 2947668.00          | 1860676.00          | 4068766.00          |
| <b>Total Expenditure</b> |                                | <b>297051569.99</b> | <b>346961735.00</b> | <b>328660765.00</b> |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



## (20) Best Practices adopted, if any

### BEST PRACTICE-1 TITLE: UGC PARAMARSHA SCHEME :

AISSMS COE Pune is recognized as mentor institute under UGC Paramarsh scheme. Institute has identified following institutes as mentee institutes.

- i. Dnyashree Institute of Engineering and Technology, Satara
- ii. TPCT's College of Engineering, Osmanabad
- iii. Parikrma Group of Institutes, Kasti, Dist Nagar
- iv. CSMMS Chh. Shahu College of Engineering, Aurangabad
- v. SSGM College of Engineering, Shegaon
- vi. MET institute of Computer Applications, Mumbai

Different activities are carried out by AISSMS COE during 2019-20 for all mentee institutes for quality improvement.

- i. Visit to all mentee institutes by principal, IQAC coordinator, NAAC coordinator and administrative officer.
- ii. Workshop, sessions by AISSMS faculty on different topics such as CO-PO-PEO-PSO mapping, assessment and attainment, Teaching learning and evaluation, Curriculum aspects, Institute values and best practices, Library practices and ICT tools, Student support and role of professional bodies and student chapters
- iii. Visit of all mentee institutes faculty to AISSMS to have interaction with all NAAC criteria In-charges, Visit to common facilities, Visit to IQAC Cell, NSS Unit, Cultural unit, Library, Language Lab, visit to different laboratories

All these activities under Paramarsh scheme are reviewed by RUSA representatives in PARAMARSH meet conducted online on 21<sup>st</sup> May 2020.



Visit to Dnyashree Institute of Engineering and Technology, Satara

### BEST PRACTICE-2 TITLE: ONE FACULTY ONE INDUSTRY DRIVE

**Objectives of the practice:** This practice is implemented to enhance association with relevant industry for providing industrial exposure to the students and faculty. With the involvement of the entire faculty of the institute, following are the objectives set.

1. To organize visits to the industry for the students and faculty.
2. To organize expert lectures by industry person for the students and faculty.
3. To organize short term training programme by the industry for the students and faculty.
4. To encourage students for joining industrial internship during vacation.

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



5. To encourage students to undertake final year project in industry under the joint guidance of faculty and expert from industry.
6. To identify and sign memorandum of understanding with various industries for the mutual benefit.
7. To conduct human resource development programme by the faculty for industry personnel.
8. To establish linkage with various non government and government agencies.
9. To involve industry experts in need based curriculum development.
10. To offer consultancy and testing services to solve industrial problems.
11. To encourage faculty to undertake projects from industry.

**Context:** Industry is the major stake holder of technical institution. Continuous interaction between technical institution and industry is an essential requirement to enhance an employability of engineering graduates. AISSMS College of Engineering has been in association with various industries and providing very good industrial exposure to the students. In implementing the various industry related activities, following aspects were required to be addressed.

1. To be in continuous association with the industry, it is necessary to have single point of contact from the department/ institute side.
2. It is required to identify industries from different areas of engineering for providing industrial exposure to the students and faculty as per their field of interest.
3. Involvement of the faculty in industry institute interaction activities is always beneficial in strengthening the teaching – learning process in the department/institute.

In this context, institute has initiated “One Faculty One Industry Drive”.

**Practice:** In this “One faculty One Industry Drive”, every faculty of each department has identified one industry for the purpose of Industry Institute Interaction. With this drive, interaction with the industry has improved a lot and students and faculty as well, getting benefitted. To coordinate this activity, Industry Institute Coordinates at department and institute level are appointed forming Industry Institute Interaction committee. This drive has provided an opportunity to the entire faculty to have interaction with the industry as per their field of interest and the same has been resulted into association of department with wide spectrum of industries. Better interaction in between department and industry is possible because of the single point of contact from the department side. It helped the faculty to improve the interaction with industry (outside world). Interaction with industry helps faculty to provide real life problems, case studies to the students, especially in higher education institutes.

Evidences of success:

| Sr. No. | Nature of activity in association with industry | Number of activities in 1 <sup>st</sup> two years |
|---------|---|---|
| 01      | Industrial visits                               | 42  |
| 02      | Talk by industry expert                         | 52  |
| 03      | Industrial internship                           | 223   |
| 04      | MoU signed with industries                      | 40  |

### BEST PRACTICE-3 :INNOVATIVE LIBRARY

#### Objectives of the Practice

1. To Provide current library materials and databases that support the academic curriculum.
2. Broaden and update all collections to meet the needs of AISSMS College of Engineering’ all programs and support the various aspects of the institution: teaching, training, research and services.
3. Educate and assist college students and staff in the identification and effective use of information resources and enhance information literacy
4. To provide access to library resources and servers via web pages and online recourses, work closely with students and faculty to know their needs and interests.
5. To aware about economical, legal and social issues when using information, access and use information critically and legally.

**The Context :** Innovative Library is the most preferred activity for growth of the student as well as institutions. The main aim of this practice is to arrange various activities to develop reading habits among student which is beneficial for their overall development. Spread open access awareness between student and faculty. Main context of this activity is that how to bring the student and faculty to attend these activities from their academic schedule and make them aware about benefits of it.

#### The Practices :

**Author Meet Program :** Author meet program is organized by library to develop reading habits among students and give them a chance to interact with authors of books. They can ask their query and have face to face interaction with authors from various field. Organization of National Conferences, International Workshops For library professional.

Place : Pune

Date : 01 August 2020

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**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

To branding Institute Library name, Institute Library has organized various Conferences, National & International workshop for library professionals.

Spreading Open Access Awareness among students faculty-

Institute Library is working for spread awareness of Open Access resources among their patrons and library professional from other colleges. From Last two year library is winning Open Access Week Competition which is organized by INASP UK Library is getting 500\$ for this event.

Using social media platform for information dissemination

Library blog - <http://aissmscoelibrary.blogspot.in/>

Library face book page account-

<https://www.facebook.com/profile.php?id=100006593898126>

Library best user award:-

To attract more students to visit the library and use the resources, library is giving Best User award.

Library Website homepage for Information dissemination:-

Website created through open access source software to disseminate current information on various subjects to all the library users in time both online and physical.

**Link-** <http://aissmscoecentrallibrary.weebly.com>

User feedback practice through online feedback form

Link library feedback form - [https://docs.google.com/forms/d/e/1FAIpQLScbLP-TxOE4eB4\\_zALitxltzpjUgovz5VpMSRD93W0wVu2Veg/viewform](https://docs.google.com/forms/d/e/1FAIpQLScbLP-TxOE4eB4_zALitxltzpjUgovz5VpMSRD93W0wVu2Veg/viewform)

#### **NPTEL Local Chapter at College:-**

Institute Library has started NPTEL Local chapter at Institute level , Hard Disk of NPTEL contents, video lectures are installed in server and access provided through LAN.

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

## BEST PRACTICE-4 :INSTITUTIONAL DISTINCTIVENESS

### **Garudashwa....Aero Designing :**

The team **Garudashwa....Aero Designing** is form in the year 2015-16 in collaboration of all discipline students of the institute. This is one of the prime student activity club of institute which consecutively representing the institute as well as the country at international level. As the boundaries of technical education spreading wider and wider we need the do work in collaboration with all discipline of engineering to carry out the best output which will contribute in society growth and welfare.

### **Objective of Garudashwa:**

- 1) To inculcate multidisciplinary working culture in student
- 2) Sharpen technical abilities in 360 degree with conceptualization and innovations
- 3) Experimentation for real life problems
- 4) Enrich design , fabrication ,testing and presentation skills in students

**Journey:**Technological Development are geared up in all over the globe and we need to compete themselves to stand in global market. Competition plays vital role to assess ourselves in technological aspect. We prepare our students for all National and international competition which will make them ready for today's scenario. Team consecutively participating and securing remarkable positions in SAENational &International Aero Design Series that held in the USA every year.

### **Milestone:**

#### ❖ **International Level**

1. The 2016 SAE AERO DEISGN SERIES EAST

#### ❖ **Regular Class Awards 2015-16**

Successfully Completed 4 Rounds of Flight Competition

Overall Result-28<sup>th</sup> globally

Writing design report-20<sup>th</sup>globally

Presentation-32<sup>nd</sup> globally

Highest Payload Lifted-20<sup>th</sup>globally

Held at WEST SERIES Van huys Texas California USA.

2. The 2017 **SAE INTERNATIONAL AERO DEISGN SERIES EAST** USA21<sup>st</sup> to 23<sup>rd</sup> April 2017

#### ❖ **Regular ClassAwards 2016-17:**

Overall Result-26<sup>th</sup> globally.

Writing design report-32<sup>nd</sup> globally

Presentation-11<sup>th</sup> globally.

#### ❖ **Advanced ClassAwards 2016-17:**

Overall Result-14<sup>th</sup> globally.

Writing design report-15<sup>th</sup>globally

Presentation-14<sup>th</sup>globally.

Held at Lakeland, Florida, U.S.A.

#### ❖ **National Level : INDIA**

##### **Regular Class Awards 2016-17:**

Overall Result-1<sup>st</sup> in India.

Design Report-3<sup>rd</sup> in India.

#### ❖ **Winner-awarded the Overall 1<sup>st</sup> prize (1 Lakh & a Memento)**held at Anna University, Chennai, India

**Institutional Support:-**Institute is intended to provide undergraduate and graduate engineering students with a real-world design challenges. To accomplish that institute continuously motivating and providing innovative platform for student, by virtue of which student securing remarkable positions at national and international level. Institute provides funds and resources which require strengthening such activity. It helps students to enhance their technical competency.

One faculty adviser is also appointed to look after all critical issue regarding this activity and for proper guidance to the students.

Every year team members are got selected by standard process carried out on institute level. No of 11 students from all disciplines were selected every year.

1. Technical written test

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**

Principal, AISSMSCOE, Pune-1

2. Technical Interview
3. Personal Interview

**Outcomes:-**

- Enrich educational values and hands-on experience through exposure to today's technical and technological advancement.
- Expose Students with the nuances of conceptual design, manufacturing, System Integration/Test, and Sell-off through demonstration.
- Develop interpersonal communication skills, written and oral communication skills which plays vital role in the engineering workplace.

**(21) Additional Information, if any :**

**College Achievement's :**

**Achievements for Academic Year 2019-2020**

- 1) UGC approved Mentor Institute (UGC Paramarsh Scheme) received grant of 30 Lakhs.
- 2) 5 UG programmes permanently affiliated to SavitribaiPhule Pune University
- 3) 645 University Rankers, 21 Gold medalist till date, 180 Rankers in last 5 years
- 4) NPTEL Local chapter: Rated "A" Grade, Ranked 1<sup>st</sup> in Pune region, 69<sup>th</sup> in India
- 5) Virtual Lab Nodal Centre.
- 6) Best student chapter IE(I) awards (Six times in last Seven years)
- 7) 4 Gold, 4 Silver and 4 Bronze awards in All India student design competition -NDRF in last six years.
- 8) Initiation of AICTE incubation Automation Anywhere
- 9) Institutional Membership of Institution of Engineers (India) (IM-000504-7)
- 10) Institutional Membership of ISTE (IM-709)
- 11) Institutional Membership of Computer Society of India (I00710)
- 12) Initiation of incubation- OrganicBots
- 13) Best College Award -2019 (Professional College) by the SavitribaiPhule Pune University with Rs. 3 Lack prized and Certificate.

**Faculty Achievement's :**

On the eve of Teachers Day 2019 , teaching and non-teaching staff was awarded for their excellence . Following staff was honoured on 5 September 2019 with Certificate and cash award.

**Best Teacher Award (Class I category)**

- 1) I Rank : Dr Mangesh Ravindra Phate - Associate Professor in Mechanical Engineering Prize Rs 50,000/- and Certificate.
- 2) II Rank : Dr Manga lHemant Dhend – Assistant Professor in Electrical Engineering Prize Rs 25,000/- and Certificate.
- 3) III Rank : Dr Daulappa Gurhanna Bhalke– Professor in Electronics and TelecommunicationEngineeringPrize Rs15,000/- and Certificate.
- 4) III Rank : Dr Vrushali Sainath Dandwate, Librarian Prize Rs 15,000/- and Certificate.

**Best Non Teaching Staff (Classs III Category)**

- 1) I Rank :Shri Vitthal Surbhan Dhobe – Electrician Prize Rs25,000/- and Certificate.
- 2) II Rank : Shri Nandkishor Suresh Gajmal – Upper Divisional Clerk Prize Rs15,000/- and Certificate.

**Best Non Teaching Staff (Class IV Category)**

- 1) I Rank : Shri Ashok HimmatraoPatil – Attendant Prize Rs 15000/- and Certificate
- 2) II Rank : ShriPramodRamchandraPharande- Attendant Prize Rs 10000/- and Certificate

**Students Achievement's :**

- Ms. Priyanka Damke awarded Gold Medal by SPPU for securing 1<sup>st</sup> rank in BE Chemical Engineering during AY 2017-18.
- Mr. GovindTak awarded Gold Medal by SPPU for securing 1<sup>st</sup> rank in TE Chemical Engineering during AY 2018-19.

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

- Ms. Dikshita Mehta and Mr. Devendra More, second year Chemical Engineering Students got selected as the ESC Regional Liaison of Asia Pacific Region in the month of June 2020. They will co-ordinating 04 AIChE Student Chapters in China
- Ms. Nupoor Upadhe (SE Chemical Student), Event Head, AIChE Student Chapter, AISSMS College of Engineering Pune, stood 3rd in the 'Aatmanirbharta COVID19 Startup Competition' organized by Institutional Innovation and Startup Cell of AISSMS College of Engineering, Pune on June 25, 2020.
  - Saurabh B. Lugade, a passout student of 2019 batch, is commissioned in Indian Army, 'Engineering Regiment', as a 'Lieutenant'. He cleared the Technical Graduate Course (TGC) in academic year 2019-20.
  - Mr. GauravDudhe from S E Civil won First Rank at SPPU University Level for Avishkar2019and Shortlisted for State Level Avishkar 2019. Also, he supportively participated in State Level Avishkar 2019 and his team won 'The Best Innovation Award' and got shortlisted for National Level Innovation Competition.
  - Mr. GauravDudhe participated in Anveshan 2019-2020 representing SPPU and won First Rank in West Zone Student research convention and shortlisted for National Level Anveshan 2019-2020.
  - Pranav Gurav, represented Pune City Athletics meet and secured Gold and Silver medals in 100 meter and 200 meter category respectively and also selected in All India Inter University Athletics meet.
  - Anurag Lambhor student of T.E Electrical Engineering :
    1. Won 1st prizePaper presentation at Vishwa Parivartan 2020 organized by VIIT,Pune
    2. Received Best Innovation awardAvishkar 2019- A project competition organized by Mumbai University
    3. Won 2nd prizeSPPU-I-2-E, organized by SPPU Incubation Centre,Pune
    4. Won 1st prize A startup-Anveshan-organized by GOI
    5. Won 1st prize A competition for young aspiring Entrepreneurs, Bizz hour-organized by VIIT Pune
    6. Won 1st prize an intercollege technological innovation competition,Pragati 2020 organised by SFIT Mumbai.
  - Onkar Dahiwal student of T.E Electrical Engineering was declared as a runner Up competition SPPUI2 E start-up - Team:Trash to Cash
  - Production s/w Engineering students bagged prestigious Gold, Silver and Bronze medal respectively at "50th National Design and Research Forum" (NDRF), Bangalore 2019. The medals are awarded for Project Competition held at National Level every year.

| S<br>N | Name of<br>Student             | Details of   |
|--------|--------------------------------|--|
| 1      | Mr. Vishal Sangve<br>(BE P/Sw) | Bagged prestigious Gold medal respectively at "50th National Design and Research Forum" (NDRF), Bangalore 2019   |
| 2      | Mr.Roshan Shinde<br>(TE P/Sw)  | Bagged prestigious Silver medal respectively at "50th National Design and Research Forum" (NDRF), Bangalore 2019 |
| 3      | Mr. Nagesh Kokare<br>(BE P/Sw) | Bagged prestigious Bronze medal respectively at "50th National Design and Research Forum" (NDRF), Bangalore 2019 |

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

**Result - May – 2019 final year examination :**

| Sr No        | Course Name   | Total no of students appeared in final year | Total no of students passed / awarded degree | Out of total no of students pass with 60% or above |
|--------------|---|---|--|--|
| 1            | Chemical Engineering  | 71  | 63   | 59   |
| 2            | Civil Engineering   | 142   | 138  | 120  |
| 3            | Computer Engineering  | 85  | 80   | 70   |
| 4            | Computer Engineering (Second Shift)   | 77  | 71   | 61   |
| 5            | Electrical Engineering  | 71  | 66   | 58   |
| 6            | Electronics and Telecommunication Engineering                                 | 53  | 51   | 46   |
| 7            | Mechanical Engineering  | 140   | 134  | 122  |
| 8            | Mechanical Engineering (Sandwich Pattern)                                     | 69  | 64   | 62   |
| 9            | Production Engineering (Sandwich Pattern)                                     | 70  | 66   | 64   |
| 10           | ME -Chemical Engineering  | 03  | 01   | 01   |
| 11           | ME - Civil Engineering (Structural Engineering)                               | 12  | 12   | 12   |
| 12           | ME -Computer Engineering  | 05  | 0  | 0  |
| 13           | ME - Electrical Engineering (Power Electronics and Drives)                    | 07  | 05   | 03   |
| 14           | ME - Electronics and Telecommunication Engineering (VLSI and Embedded System) | 06  | 05   | 03   |
| 15           | ME - Mechanical Engineering (Automotive Engineering)                          | 07  | 01   | 01   |
| 16           | ME - Mechanical Engineering (Design Engineering)                              | 08  | 03   | 01   |
| <b>Total</b> |   | <b>826</b>                                  | <b>760</b>                                   | <b>683</b>   |

**College Organized Programme (Seminar, Conference, Workshop, Symposia, etc. state, national international) :**

1. On the eve of Engineer's Day AISSMS College of Engineering organizes 14<sup>th</sup> AISSMS Engineering Today 2019 during 17<sup>th</sup> to 19<sup>th</sup> September 2019. This was National level Symposium and Exposition for Engineering Students. Around Project Exhibition, Robotics, Technical Quiz, Technical Paper Presentation, Model Making, Debate Competition were organised. Around 2000 students participated in this event. These events were sponsored by various Industries and Bank. Winners were awarded by by Chief Guest and office bearers the society. Dr R Venkateswaran Vice President Persistant Ltd Pune was the chief guest of the function.
2. AICTE sponsored One week STTP on "Advances in Tribology" by Mechanical Engineering Department held between 04-09 Nov. 2019  
Total 61 participants across the country were present to attend this Short Term Training Program. Dr. D N Malkhede, Adviser I, RIFD AICTE, was invited as a Chief Guest for the STTP and Mr A K Mehta, Executive director TSI, Tribology Society of India (TSI) was guest of honor.

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1





Felicitation of Dr D N Malkhede Adviser I, RIFD AICTE, by Sh Suresh P Shinde, Hon Jt Secretary AISSM Society



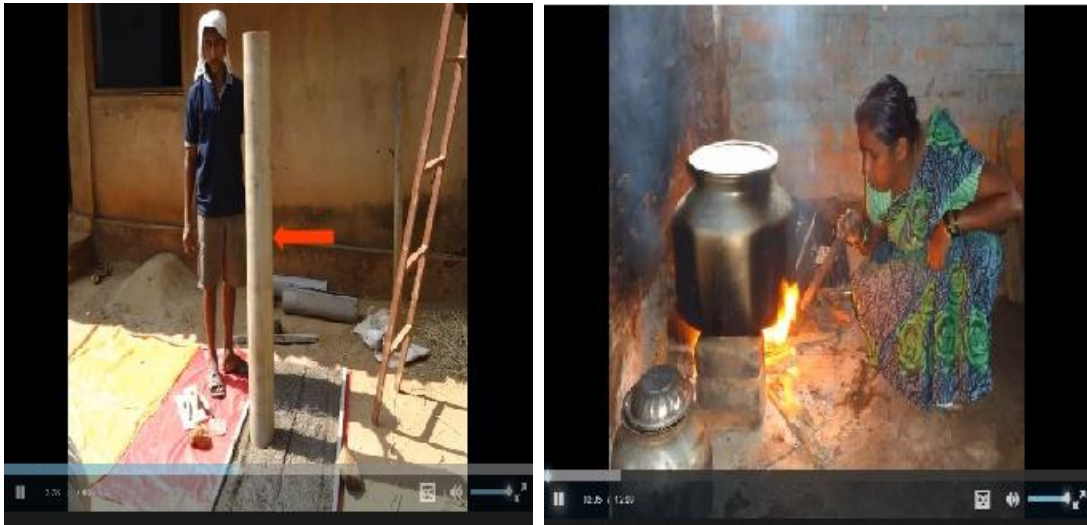
Felicitation of Mr A K Mehta, Executive director TSI, Tribology Society of India (TSI) by Dr D S Bormane, Principal AISSMS COE.

- Department of Chemical Engineering, AICHE Students Chapter in association with Spoken Tutorial IIT B organized online National Level one Week Workshop on Biogas Plant 20 to 27 May 2020 for Students, Teaching and Non-Teaching Staff. Biogas refers to a mixture of different gases produced by the breakdown of organic matter in the absence of oxygen. Biogas can be produced from raw materials such as agricultural waste, manure, plant material, sewage and food waste. It is a renewable energy source and in many cases exerts a very small carbon footprint. To build a family type Biogas plant, a 12" by 8" of land is required. Once constructed, the lifespan of a Biogas plant is approximately 25 years. Biogas plants are easy to use and the maintenance is quite simple. The minimum cost for building a Biogas plant is between Rs20,000/- to Rs 23,000/-. This amount may, however, vary from place to place. The Government also provides subsidies for building a Biogas plant. Total Participation was 350. **(Coordinator: Mr Pravin S Tadkar)**

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1





Glimpse of a Video about Biogas Plant

- BAJA SAEINDIA 2020: Design Mega Workshop

2 Days BAJA SAEINDIA 2020: Design Mega Workshop was held at AISSMS College of Engineering, Pune on September 14-15, 2019. Nearly 200 students from 60 colleges were participated in this Mega workshop and 12 prominent speakers across the industry were host these young engineers in guiding them towards the path of Breaking Conventions. 2-Day Mega Workshop was conducted for all the participating teams of BAJA SAEINDIA 2020. The workshop is planned to include training from industry experts on various aggregates of an 'ATV' like engine, steering, suspension, brakes, rulebook, DFMEA, DVP, technical inspection and upcoming challenges of BAJA SAEINDIA 2020.

The workshop was inaugurated by Mr Balraj S – Convener BAJA SAEINDIA 2020, Pithampur. Honorary Joint Secretary, Shri S P Shinde, Joint secretary, AISSMS, Dr D S Bormane, Principal AISSMS COE, Dr B D Bachchhav, HOD Mechanical and Dr A V Waghmare coordinator were present and address the students.



- R S Raut and Dr P N Dange manufactured 1000 lit alcohol based strong hand sanitizer to fight against COVID-19

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



a. Induction Programme:



- 2 Weeks Induction Program was organized for First Year Students according to AICTE Norms from 8th to 17th August 2019 for All FE students .
- Induction program of one week is conducted successfully for First Year Students at the beginning of term as per directives given by AICTE.Different programs are conducted ( Motivational lectures,Awareness of CITP,Technical sessions,Industrial visit etc)



Induction Program

b. Social Programme / Activity:

- **Jagruti 2019: April 07, 2019**  
Department of Chemical Engineering organized Social Event Jagruti 2019 at Kalyan near Kodhanpur, Dist Pune on April 07, 2019. Objective of the event was to create a social awareness amongst people like giving information on how to do voting on VVPAT, also explaining government schemes for, Villages and Farmers. Coordinator: Pravin S Tadkar.

|   |  |
|---|--|
|  |  |
| <p>Team Jagruti with Sarpanch</p>   | <p>Students explaining to the villagers</p>  |

- AIChE Student Chapter, AISSMS Pune, distributed food packets to poor and needy people in Anawadi village, Wai Taluka on May 10 and June 19, 2020. Mr Pranav Pawar distributed the Place : Pune  
Date : 01 August 2020
- (Authorized Signature)

Dr Dattatraya Shankar Bormane

Principal, AISSMSCOE, Pune-1



packets under the supervision of Student Chapter advisor Dr. P. N. Dange. Total 37 families got benefitted during the lockdown period caused by COVID-19 pandemic.



Mr Pranav Pawar, SE Chemical Student distributing food packets to needy people

- Social Work by Dr D G Bhalke HOD (E&Tc Engg ) and NSS coordinator Mr Swapnil Pawar during COVID-19 lockdown period.



### **Sports : Report of Sports activities 2019 -2020.**

**Gymkhana:** Gymkhana plays a pivotal role in over all development of students. Gymkhana provides a platform to students to explore their potentials in extra and co-curricular activities in several cultural and sports areas. Students of all departments take active participation in various activities conducted through gymkhana. Gymkhana also motivates and supports the students to participate in sports and cultural activities of high repute outside the College. Our College students participates in various sports and cultural events organized by various colleges.

Gymkhana organizes following sports events every year:

- **Inter – Collegiate Sports and Cultural Competition at Inter – Engineering College level 'Ashwamedh':** All India Shri Shivaji Memorial Society's, College Of Engineering organizes Inter Collegiate sports and cultural fest for aspirants assembling from various engineering colleges with a high competitive spirit to participate with strong determination to include their achievements & accomplishments. Our Institute conducts an intercollegiate event every year named **"Ashwamedh" (A Blend of Cultural and Sports events)**. **Ashwamedh** is an Annual Sports and cultural event which is the 8<sup>th</sup> event in succession. It does include sports events like Box Cricket, Volley ball, Kabaddi, Chess, 5-A Side Football and cultural events like DJ War, Band competition, Dance, Singing, Poetry, Painting and Elocution. Students from different institutions participate enthusiastically in every activity. The dates for the events are from 10<sup>th</sup> Feb to 11<sup>th</sup> Feb, 2020. The event has successfully attracted almost 2000 students from various Institutes. The Chief Guest for this function was Dr D S Bormane (Principal, AISSMSCOE), Shri A B Bhonsle (Vice President, Gymkhana).
- **"Chhatrapati Shivaji Cricket Trophy":** a state level Inter-Collegiate tournament from 18<sup>th</sup> January 2020 to 25<sup>th</sup> January 2020. Total 32 teams from Engineering, Hotel Management, Management and Pharmacy participated in the event
- **"Chhatrapati Shahu Football Trophy":** a state level Inter-Collegiate tournament from 17-09-2020 to 21-09-2020. Total 25 teams from Engineering, Hotel Management, Management and Pharmacy participated in the event
- **Inter- Collegiate competition:** Since the establishment of the College, the gymkhana has been playing vital role in the overall development of the students. As a results, our students have

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

earned applauds in the competitions at SPPUniversity, State and National level, prominent among them are Verve, Vedant, Purushottam Karandak , Firodiya Karandak , Crescendo, Milanze, Zest , Versatalia, MIT Summit, Sakal Karandak, Sarpotdar Karandak, Kaware Trophy etc.

- a) **Rifle Shooting - Miss Rutuja Badade:** All India Inter University Shooting Competition held at Manav Rachana International Institute, Faridabad from 12 to 15 November 2019
- b) **Athletics : Shri Pranav Gurav** Ashwamedh University Inter University Games Held at Solapur organized by Solapur University. He also secured Bronze medal in 4/100 mt relay and 100 mts run silver medal in Junior National Athletic Meet organized by Maharashtra Athletic Federation. He was selected to represent Pune City Zone, the competition was held from 09<sup>th</sup> to 11<sup>th</sup> October 2019 at Pune District SPPU, in 100mts secured Gold medal and 200 mts secured Gold medal.
- c) **Mallakhamb - Shri Aniket Pawar:** He Secured Gold medal in State Level Mallakhamb organized by MAHARASTRA AMETURE MALLAKHAMB ASSOCIATION Held at Pune, from - 9<sup>th</sup> November 2019 to 10<sup>th</sup> November 2019.
- d) **Chess (Women) Team :** Chess women secures third place, competition held on 4/10/22 to 1/10/2020 organized by MMCOE. The team is as follows: 1 Ankita Dalvi. 2) Amruta Kumbhare  
3.) Rashma choudhair

Please find enclosed herewith the report of various activities carried out during Semester I and II along with Students achievements for the period from June 2019 to April 2020.

### Cultural :

## Cultural Activity 2019-20

The cultural team headed by Prof. **K N Kulkarni**, the General secretary Mast. Neeraj Langhe and the Joint general secretary Mast. Anurag Nikam has been winning accolades as well as appreciation through their plays based on various topics.

### VINODOTTAM KARANDAK 2019:-

‘VinodottamKarandak’ is an open-to-all one act Comedy drama competition. Held in month of September 2019. Our college presented a comedy play ‘**Be Eke BAE**’. The play received five awards under following categories:

1. Best Direction: First Prize: Neeraj Langhe and Ashish Adhari
2. Best Actor: First Prize: Shubham Dhamale
3. Best Actor: Consolation: Ashish Adhari
4. Best Stage Arrangement: Omkar Dahiwal
5. Best Actress: Consolation: Shreya Vashikar



AISSMS'COE Cultural Team with the trophy

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1





**Best Direction: First Prize: Neeraj Langhe and Ashish Adhari**



**Best Actor: First Prize: Shubham Dhamale**

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



**Best Actor: Consolation: Ashish Adhari**



**Best Stage Arrangement: Omkar Dahiwal**

### **BHARAT KARANADAK 2019:-**

‘Bharat Karandak’ is an inter-collegiate competition organised by ‘Bharat SanshodhanMandir’. Like previous year the legacy of winning prizes in this competition is prolonges this year also. Miss.Shreya Vashikar secured the prize for **Best Actress** for the role in play ‘Be Eke BAE

### **Vedant 2019:**

BJ Medical College organizes Vedant as a platform for young talent to portray their dancing skills. This year Miss Meghana Nagdive from SE E&TC secured second prize in solo dance. We also won third prize in group dance having team members: Krutika, Meghana and Sanika all from SE E&TC. With group name “ $\pi^2$ ”

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1





### DAJIKAKA GADGIL KARANDAK 2019:-

**DajikakaGadgilKarandak** is an open-to-all one act play drama competition hosted by ‘**PNG Jewellers**’organised in more than 6 cities in Maharashtra and Goa. There were more than 80 teams participating in the competition.In primary round **Mast. Ashish Adhari** and **Miss.Shreya Vashikar** secured the consolation prize for **Acting**. The judges personally appreciated the play and was well taken by the audience.



We wish to thank all members and managing committee of AISSM Society, our Principal Dr. D. S. Bormane, our administrative officer Shri A. B. Bhonsle, all department Heads, teaching and non-teaching faculty for the support we received due to which we were able to reach new heights. We hope that this support continues even further which will strengthen our college team to be the pinnacle of cultural events in Pune.

**Special Screening of award winning play “be eke bae” for all teaching and non-teaching staff members on 12<sup>th</sup> October 2019 at Annabhau Sathe Sabhagruha Yerwada**

### Firodiya Karandak 2020:

AISSMS COE team Cultural participated in renowned play competition held every year with participation of more than 80 teams from all over Maharashtra. We displayed One Act play

Place : Pune

Date : 01 August 2020

(Authorized Signature)

**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

named “SECOND SHIFT” focusing on father-son relation and father’s effort to bridge the generation gap between him and his son. The play got selected in top 10 plays and in final round was placed 5<sup>th</sup> in position.

The play got numerous prizes and commercial as well as critical acclaim. Following is the list of prizes won:

- 3<sup>rd</sup> Prize in Best Shadow Play & UV Act
- 1<sup>st</sup> Prize in Best Background Score
- 3<sup>rd</sup> Prize in Best Group Dance
- 1<sup>st</sup> Prize in Bass Guitar
- 1<sup>st</sup> Prize in Guitar
- 3<sup>rd</sup> Prize for Non Conventional Art (3d Miniature)
- Consolation Prize for Best Music Piece

**Other Significant achievements of the year include:**

- “Be eke Bae” selected in top 20 plays to be displayed as a commercial play from 10<sup>th</sup> – 25<sup>th</sup> January 2020 under “Natyasattak”

| Sr No | Name of competition /Event | Name of play / Act | Period of event               | Name of participants                            | Achievements   |
|-------|----------------------------|--------------------|-------------------------------|---|--|
| 1     | Vinodattam Karandak        | Be eke Bae         | Second week of September 2019 | Ashish Adhari, Shreya Vashikar, Shubham Dhamale | 1. First prize for the play<br>2. Ashish Adhari, Shreya Vashikar : Best actor & actress<br>3. Best play first prize<br>4. Best Direction & screenplay<br>5. Best supporting actor : Shubham Dhamale, Shreya Vashikar : Consolation prize |
| 2     | Bharat Karandak            | Be eke Bae         | Third week of September 2019  | Ashish Adhari, Shreya Vashikar, Shubham Dhamale | Shreya Vashikar : Consolation prize  |
| 3     | Dajikaka Gadgil Karandak   | Be eke Bae         | First week of October 2019    | Ashish Adhari, Shreya Vashikar, Shubham Dhamale | Shreya Vashikar : Consolation prize for best supporting actress<br>Ashish Adhari : Consolation prize for best supporting actor   |
| 4     | IIT Kharagpur Spring fest  | Solo dance         | November 2019                 | Arya Polas                                      | Qualified for solo dance competition   |
| 5     | Impressions 2019           | Solo dance         | December 2019                 | Arya Polas                                      | Qualified through primary round  |

**ASHWAMEDH 2020 :**

As per the cultural of AISSMS college of Engineering, every academic year the collage organizes inter collegiate sports and cultural fest entitled ‘Ashwamedh’. Started in 2010 with grand success, ‘Ashwamedh’ entered its 10<sup>th</sup> year in 2020. Literacy and cultural activities prove a valuable lens to view the inner world of students and thereby enable their holistic development. Thus these fests are organized every year with the objective to provide platform for the students to showcase their talent in both sports and cultural events with a competitive spirit.

With the involvement of all the students in the various departments of the college, every year ‘Ashwamedh’ is organized by the General Student Association of the college. The association consists of General Secretaries and Joint General Secretaries of various departments and that of sports, cultural, Magazine and NSS.

This year, the event was held on 10<sup>th</sup> and 11<sup>th</sup> of February. The fest is a blend of cultural and sports events; cultural events such as Sur Sargam (Singing), Hit the floor (Dance), Poetry, Pen it

Place : Pune  
 Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
 Principal, AISSMSCOE, Pune-1



Down, DJ Wars, Street Play and PUBG and sports events such as Kabbadi, Box Cricket, 5 A Side Football, Chess and Table Tennis. The event was successful in attracting more than 1500 registrations for two day fest which includes all the events. The winners were encouraged with a cash prize, gift hampers and goodies for all the events with a total cash prizes worth 3lakhs.

The fest was organized by the students and for the students. Hence, the fund for the event was raised by sponsorships from dignified companies and institution. The event could have not been successful without the constant support and encouragement of all the sponsors of the fest. The following were the sponsors for the events- Quick Heal, Mtv Beats, Back of Baroda, Oxfordcaps, Mcdonald's, Apollo institutes, Knowledge review, Zebronics, Budhani Bros Waferwala , Business Management, Edwise, JG Tattoo, TCIL IT, Lemon- DJ and music Academy, Imperial Academy, Marathi Kida, Chronicle Magazine, Grapevine, Collegepond, Vimanzza Café, Joseph D'souza Chess Academy, The Framed Wall, Prateek Polyurethane-construction solution and ITM Group of Institutes.

It was due to the active participation of the sponsors that the GSA team was able to produce such a planned and well organized event at its best quality. A large sum of students across all years and of various departments came together to make 'Ashwamedh' A reality. Also enthusiasm and determination among new set of student coordinators, student volunteers was seen. No credit can be taken away from the faculty coordinators that were the part of this grand fest. It was because of the timely advice and cooperation by the principal and management, faculties and students, the event was a grand success.



### SHIVANJALI 2020:-

The Annual Social Gathering and Excellence Awards Distribution Ceremony "Shivanjali 2020" was celebrated every year. Every Academic year this event is organized with an objective to provide a platform and to acknowledge the achievements of the students of the college in various fronts.

The cultural students along with General Secretary Association Members have successfully organized as well as managed the college annual function 'Shivanjali2020'. This year, being the 28<sup>th</sup> year of the institution, the annual event was a grand affair. The event took place on the 12<sup>th</sup> and 13<sup>th</sup> of February, 2020.

The chief guest for the evening was the famous Hindi actress Miss. Aditi Govitrikar and the Honorary Secretary of AISSM Society, Shri Malojiraje Chhatrapati, as well as dignities of the A.I.S.S.M. Society.

The inauguration of the ceremony was done by the chief guest and the dignitaries on the dias by Lighting the lamp and taking the blessings of Rajarshi Shahu Maharaj and Chhatrapati Shivaji Maharaj.

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

The first day was the prize distribution ceremony in which students with excellent performance in various fields like academics, cultural and sports were felicitated. On the second day, the students with all their efforts performed various events viz. dance, music, drama, fashion show etc. which were well appreciated by the audience.



#### **Lockdown Activities:**

- Carried out activity named “UNLOCK 2020”
- Showcase of talent like Dance, Music, Acting, Instrumental, Art, Poetry, Videography and Photography
- Open to all activity
- Inter college, Inter university activity
- Humongous response of more than 500 participants
- Released a video compilation of the best activities and performers

Issued certificate of participation to all

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



Additional facility's :

Workshop



Institution-Insdustry Cell / CIP



Smart Classroom :

Language Laboratory :

Projectors in Classrooms :



Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1

**Fabrication facility Laboratory (FABLAB) :**

**Gymkhana and Cultural Activities:**



**Stationery Store :**

**Potable water Supply :**



**Canteen :**

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1





**Banking / ATM facility :**



**CCTV Security :**

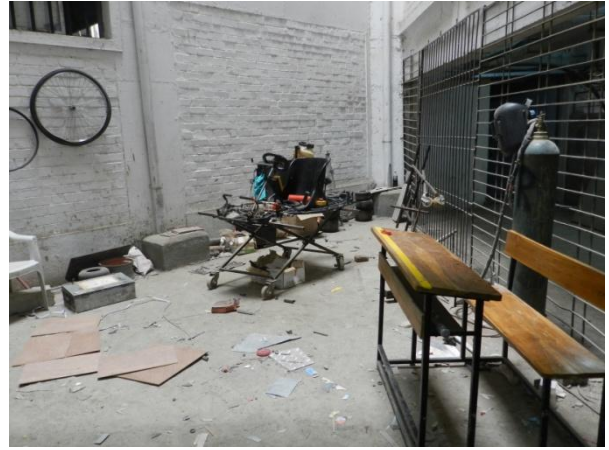
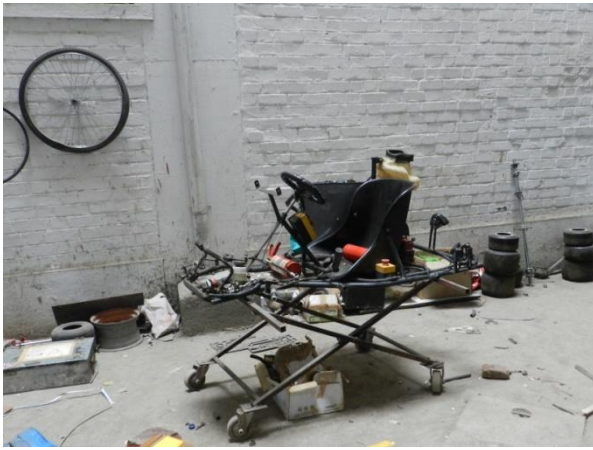


**Telephone and Fax facility :**

**Vehical Moulding Workshop :**

Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



**Electric Supply and Backup (Genset) facility :**



**Safety Provisions (Fire Fighting System and Extinguisher) :**



**Rain Water Harvesting :**

**All Weather Approach (Motorised Road) :**





**Transport Facility :**

**Vehical Parking :**

**Play Ground facility :**



Place : Pune  
Date : 01 August 2020

(Authorized Signature)  
**Dr Dattatraya Shankar Bormane**  
Principal, AISSMSCOE, Pune-1



**Notice Boards :**



**First Aid :**

**Sewage Disposal System :**

Note : Suppression and / or misrepresentation of information shall invite appropriate penal action.

The Website shall be dynamically updated with regard in Mandatory Disclosures

Place : Pune  
Date : 01 August 2020

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