# P. E. S. College of Engineering, Nagsenvana, Aurangabad

Department of ___Electronics___

**External Academic Audit Report 2017-18**          Date:

| Criterion Wise Analysis | Observations |
|---|---|
| **Criterion –I Curricular Aspects:** | ① The curriculum designed by Dr.B.A.M.U - well Implemented. <br> ② Department has to work on open elective system. <br> ③ |
| **Criterion II Teaching-Learning & Evaluation** | ① Value addition camseo to be introduced <br> ② CO and PEO should be modified. |
| **Criterion III Research, Consultancy & Extension** | ① Very less no. of publications. <br> ② Contribution from faculty should be enhanced. |
| **Criterion IV Infrastructure and Learning Resources** | Good. |
| **Criterion V- Student Support & Progression** | Very less activities carried out. |
| **Criterion VI- Governance, Leadership and Management** | A well structured mechanism exist. |
| **Criterion VII-Innovations and Best Practices** | Effective use of stationary. |

Head of Department          Academic Dean          IQAC Coordinator

External Auditor          Principal

Dr. Ulhas Shivurkar

# P. E. S. College of Engineering, Nagsenvana, Aurangabad

Department of _Mechanical_

**External Academic Audit Report 2017-18**    Date: 12/02/18

| Criterion Wise Analysis | Observations |
|---|---|
| **Criterion –I Curricular Aspects:** | ① Employer feedback about curriculum should be taken (Preferably online) <br> ② Record of suggestions given to university for curriculum revision. |
| **Criterion II Teaching-Learning & Evaluation** | ① Number of Ph.D. faculty members should be increased. |
| **Criterion III Research, Consultancy & Extension** | ① Number of sci Indexed and scopus Indexed publications should be increased. <br> ② Consultancy & sponsored projects should indicate the financial worth of the same. |
| **Criterion IV Infrastructure and Learning Resources** | Number of class rooms with LCD facility should be increased. |
| **Criterion V- Student Support & Progression** | Record of guidance to students for competitive exams must be kept and for improving it, special efforts should be taken. |
| **Criterion VI- Governance, Leadership and Management** | The proper procedure of Budget allocation and utilization is followed and should be highlighted during presentation. |
| **Criterion VII-Innovations and Best Practices** | Paper saving is one of the good best practices followed, need to assess its financial impact. |

Head of Department        Academic Dean        IQAC Coordinator

External Auditor    12/2/2018        Principal

# P. E. S. College of Engineering, Nagsenvana, Aurangabad

Department of Computer Science & Engg.

## External Academic Audit Report 2017-18

Date: 11/05/2018

| Criterion Wise Analysis | Observations |
| --- | --- |
| Criterion –I Curricular Aspects: | Involvement of staffs in curricular planning & implementation is good. Incubation centre has been established. Dept has conducted sufficient no. of value added programs. |
| Criterion II Teaching-Learning & Evaluation | – maintain the record of financial support given by institute for attending STTP/FDP/ conferences/publications. |
| Criterion III Research, Consultancy & Extension | No of publications is good. ~~improve~~ superised publications in scopus/web of science/ IEEE are required. Good no. of movs with industries. Build the colaborations with other universities/foreign university for student/faculty exchange/collaborative research. Consultancy sources may be initiated & maintained. |
| Criterion IV Infrastructure and Learning Resources | – Adequate infrastructure. |
| Criterion V- Student Support & Progression | – Implement earn and learn scheme for students. |
| Criterion VI- Governance, Leadership and Management | – maintain records of quality Assurance system. |
| Criterion VII-Innovations and Best Practices | – fulfil the requirement for environment consciousness by implementing solar system/rain Harvesting. – SWOC analysis is properly done. – Best practices may be initiated/identified. |

Head of Department     Academic Dean     IQAC Coordinator

External Auditor     Principal
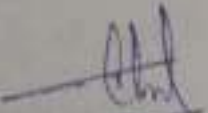
# P.E.S. College of Engineering

Nagsenvan, Aurangabad

## Department of Civil Engineering

Date: 11/05/2018
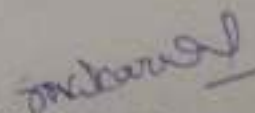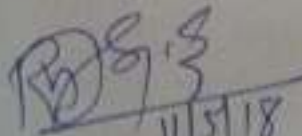
## External Academic Audit Report 2017-18

| Criterion Wise Analysis | Observations |
|---|---|
| Criterion –I <br> Curricular Aspects: | 1) Add Geo-Technical Engineering Subject in seminar <br> 2) What Skill development programs – Add More. <br> 3) Teaching Plan & Schedule – Update <br> 4) Implant Training of 1 Month. |
| Criterion –II <br> Teaching Learning & Evaluation | 1) Add Role of Alumni. <br> 2) T&P Activties to be added. |
| Criterion –III <br> Research Consultancy & Extension | 1) Software update. <br> 2) Increase Publications of staff & students – Update data. |
| Criterion –IV <br> Infrastructure & Learning Resources | 1) Allocate faculty advisor – Their role & Duties. <br> 2) Good Student staff ratio of 1:15. <br> 3) Parking Allocation <br> 4) Regular fire audit to be done <br> 5) Elective 2$^{nd}$ year onwards |
| Criterion –V <br> Student support & progression | |
| Criterion –VI <br> Governance, Leadership & Management. | |
| Criterion –VII <br> Innovations & Best Practices | |

Head of Department
Dr R.M. Sawat

Academic Dean

IQAC Coordinator
Dr. S.N. Kakarwal

External Auditor
11/5/18
Dr. R M Dawgir

Principal 11/5/18

People's Education Society's(Mumbai)
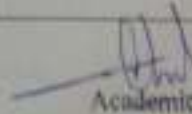
# P. E. S. College of Engineering, Nagsenvana, Aurangabad

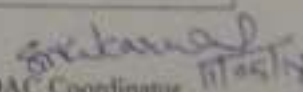Department of Electrical Engineering

External Academic Audit Report 2017-18          Date: 11/5/2018
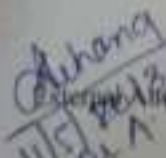
| Criterion Wise Analysis | Observations |
|---|---|
| Criterion –I Curricular Aspects: | Curriculum as per BAMU is implemented. The gap analysis as per AICTE & top need to be done. |
| Criterion II Teaching-Learning & Evaluation | Regular classes are conducted. Practicals are conducted and Laboratories are updated. Course file need to be structured as per NBA and teaching plan, lesson plan need to be revised |
| Criterion III Research, Consultancy & Extension | Faculty have published papers. The number of publication is good. The publication in SCOPUS need to be enhanced. |
| Criterion IV Infrastructure and Learning Resources | Well equipped laboratories and class rooms. All class room need to be with projection system. Atleast one class room should be ICT enabled. NPTEL certification to be encouraged |
| Criterion V- Student Support & Progression | Good student support system such as canteen, hostel etc. For student progression NPTEL certification is recommended and MOOCs to be introduced. |
| Criterion VI- Governance, Leadership and Management | Good governance, leadership. Transparent, ethical environment is observed. Staff at non teaching position is less. |
| Criterion VII-Innovations and Best Practices | Implemented innovation in teaching learning process. Needs to be increased and documented and outcome based. |

Head of Department          Academic Dean          IQAC Coordinator 11/05/18

Auhang
External Advisor
11/5/18

Principal
11/5/18

* Laboratories on thrust areas or upcoming technology need to be installed

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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Computer Science & Engg.

Date: 28/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| ① Dr. S. N. Kakarwal | M.Tech ML | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | ✓ |
| ② Prof. V. A. Losarwar | NLP-EI-I m.tech | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | ✓ |
| ③ Prof. M. M. Ambekar | m.Tech TE(CSE) PI J | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | ✓ |
| ④ Prob. S. D. Pingle | m.Tech CA TE(CSE) OS/CS | ✓ | ✓ | ✓ | ✓ | ✓ | — | NA | ✓ |
| ⑤ Prob. V. B. Kamble | BE(CSE) DW m.Tech ACN | ✓ | ✓ | ✓ | ✓ | ✓ | — | NA | ✓ |
| ⑥ Prob. Y. S. Pagar | TE(CSE) DIP | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ |
| ⑦ Prob. V. R. Mote | BE(IT) GIS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ⑧ Prob. D. T. Rathod | BE(CSE/IT) CC | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ |
| ⑨ Prof. A. V. Jadhav | FE BCP TE PIJ | ✓ | ✓ | ✓ | ✓ | ✓ | → | NA NA | ✓ |
| ⑩ Prob. B. N. Jha | SE(CSE) LOS | ✗ | ✗ | ✓ | ⵏ | ✓ | ✗ | ✓ | ✓ |
| ⑪ Prof. K. R. Dabhade | SE(CSE) CN | ✓ | ✓ | ✗ | ✓ | ✓ | — | ✗ | ✓ |
| ⑫ Prob. S. V. Bhosale | FE BCP TE SDL | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | ✓ |
| ⑬ Prob. N. S. Syed | BE(IT) OOAM | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ |
| ⑭ Prob. S. M. Salve | TE(CSE) SE | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ |
| ⑮ Prof. N. R. Khan | SE(CSE) DS SE(CSE) TW | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ | ✓ |

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23/9/17.

2. Sign of IQAC Member

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department:

Date: 25/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| ⑲ Prob. V. D. Jadhav | SE(CSE) DS | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
| ⑳ Dr. A. V. Turukmane | BE(CBP/17) PBC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | |
| | m.tech SL-2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| ㉑ Prob. R. H. Jadhav | BE(IT) EBM | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | NA | |
| | FE BCP | — | — | — | — | — | — | ✓ | |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Computer Science & Engg.

Date: 28/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| ⑯ Prof G. R. Gaud | BECSE VM | ✓ | ✓ | ✓ | ✓ | ✓ | X | N.A. | ✓ |
| ⑰ Prof B. M. Kulkarni | TECSE) DBMS BE DWDM | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | — | ✓ ✓ | ✓ |
| ⑱ Prof A. S. Gadekar | BECSE) PCS | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ ✓ | ✓ |

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# P. E. S. College of Engineering, Aurangabad
## Course File Check List

Name of Department: CSE

2G/01/2018

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| N. R. Khatri | SE(ECT) | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
| R. H. Jadhav | BE(IT) EDM | ✓ | ✓ | ✓ | ✓ | ✓ | — | N.A | |
| K. R. Dabhade | SE(CSE) (H | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
| B. N. Jha | SECHD LOS | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Mechanical Engineering

Date 22/09/17

| | Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | Dr. Dhube m.m. | m.D-I | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 2) | Prof. Ron Pungle | mem. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 3) | Prof. A.m Bawishkar | ACS, Tom | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | |
| 4) | Prof. Y.J Sable | m-D-I | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 5) | Prof. P.L Pandit | MPC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 6) | Prof. M.N Aves | TD-I | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | |
| 7) | Prof. C.m. Naik | I.C.ensine | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 7) | Prof. V.P Baisane | m/c Deg. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 9) | Prof. R.L Shirsat | m/c Deg. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 10) | Prof. H.R. Cahan | ACS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 11) | Prof. A.A crawali | PPE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | NA | |
| 12) | Prof. M.J Tanchizkar | Som, Tom | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | |
| 13) | Prof. M.D Dudhmal | Som | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | |
| 14) | Prof. S.S Shirole | mac | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 15) | Prof. Hashmi | Turbo m/c | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ | |

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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Mechanical Engg.

Date: 22/9/17.

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 16) Pf Tasiaue | I.C.Engine | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | |
| 17) M. A.R. Nascade | IMFE | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | N.A. | |
| 18) Pf.Fm. Ali | Fm | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ | |
| 19) Pf. V.D.Shejwal | ImEE. | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | |
| 20) Pf. S.T. Dhonde | Engs.cm | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N.A. | |
| 21) Pf. Mcn. Tayde | Engs.graphic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 22) M. Shinde S.S. | Fm | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N.A. | |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

**Name of Department:** Mechanical Engg.

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| Prf. A.m Bawiske | TE (Tom) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ |
| Prf Tasaque | BE-Auto | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Tasaque |
| Prf Fm. Ali | TE-Fm | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ |
| Prf Nasaude | TE ImEE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ |
| M. Tonchirekar | TE-Tom | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: **Applied Science**

23/09/2017.

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1. Prof. Dr. G. P. Kamble | SE : EM-3 | ✓ | ✓ | ✓ | Chalk & Blackboard | — | Assist, Solved the practice paper | NA | |
| 2. Prof. S. C. Rudeawar | FE : EM-1 | ✓ | ✓ | ✓ | —,,— | — | — | NA | |
| —,,— | SE : EM-3 | ✓ | ✓ | ✓ | —,,— | — | Question paper not solved. | NA | ß |
| 3. Prof. D. A. Wadatkar | FE : Chem | ✓ | ✓ | ✓ | —,,— | form & Tutorial is done | Int. assessment in the Pract & | ✓ | |
| 4. Prof. S. N. Admankar | FE : EM-1 | ✓ | ✓ | ✓ | —,,— | — | Using classroom app | NA | |
| | SE : EM-3 | ✓ | ✓ | ✓ | —,,— | — | Solved papers | NA | |
| 5. Prof. S. R. Acharya | FE : EM-1 | ✓ | ✓ | ✓ | —,,— | — | Tutorial, Assit | NA | |
| | SE : EM-3 | ✓ | ✓ | ✓ | —,,— | — | Solved paper | NA | |
| 6. Prof. S. C. Kathar | FE : Phy | ✓ | ✓ | ✓ | —,,— | — | — | ✓ | |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Applied Science          19/01/2018

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| S.C. Rudrawar | FE, SE JAS, GAd SE, Cm-II, Em-III | ✓ | ✓ | ✓ | | | Univ. Pape- P13-14, ach/109 L | | Rd- |
| | | | | | | | P15-17 (Em-I, Em-II, Em-II Em-IV) | | |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: ETC          Date: 22/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids PPT | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1. Prof. J.P. Zine | TE AICE | ✓ | ✓ | ✓ | ✓ | ✓ | PO, IV, Co Solved papers, | ✓ | Zine |
| 2. Prof. M.R. Rajput | SE EC Emb. Sys. | ✓ | ✓ | ✓ | ✓ | ✓ | PO, CO, solved paper visa/surprise | ✓ | Rjt |
| —"— | SE : EDC | | ✓ | ✓ | | | Test, | NA | |
| 3. Prof. A.P. Kharat | BE : #VLSID | ✓ | ✓ | ✓ | | | CO, PO, mapping IV | ✓ | Ahat Ahat |
| —"— | SE : WS(P) only | — | — | — | — | — | — | | |
| 4. Prof. P.K. Gihuge | SE(CJE) : DE | ✓ | ✓ | ✓ | ✓ | ✓ | Innovative teach method, CO, PO, video Proj | ✓ | Khhuse |
| —"— | ← 9 continuous asymt format is followed with help of subject 2 Internal, Inhouse maintenance | | | | | | | | Prod work book |
| 5. Prof. R.M. Jadhav | TE : DC | ✓ | ✓ | ✓ | ✓ | ✓ | CO, PO, solved paper | ✓ | Jadhav |
| 6. Prof. V.R. Kshirsagar | SE : ACE | ✓ | ✓ | ✓ | ✓ | ✓ | PO, CO Mapping | ✓ | |
| —"— | SE : EDC(R) | — | — | — | — | — | solved paper. | 3 crest aptitude | |
| —"— | SE : CS(R) | — | — | — | — | — | — | test | |
| 7. Prof. V.V. Kulkarni | BE : CE | ✓ | ✓ | ✓ | ✓ | ✓ | PO, CO, Mapping IV | ✓ | |
| 8. Prof. A.A. Shirsath | SE : NA | ✓ | ✓ | ✓ | ✓ | ✓ Multi on slide video lect | PO, CO, mapping Wptd. | ✓ | |
| 9. Prof. N.T. Kolambikar | TE : EE | ✓ | ✓ | ✓ | | ✓ | | Nziprot | |
| —"— | BE : DIP | | ✓ | ✓ | | | | | |

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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: ETC

Date: 22/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 10. Prof. S.S. Khedgikar | TE : MPP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | *Khedgikar* |
| 11. Prof. Ps. V.K. Kadam | TE : DSP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | *Kadam* |
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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: ETC

27 | 01 | 2018

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| M.R. Rajput | SE (EDC) | ✓ | ✓ | ✓ | ✓ | ✓ | – | ✓ | ✓ |
| Kharat A.P | BE (VLSI) | ✓ | ✓ | ✓ | ✓ | ✓ | Expert Lecture | ✓ | ✓ |
| N.T.Kolambikar | TE(ETC) EE | | | | ✓ | | | | ✓ |
| | BE(EC) DIP | ✓ | | | ✓ | ✓ | | | |
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Checked By:     1. Sign of HOD          2. Sign of IQAC Member

People's Education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: **Electrical Engineering**          Date: **22/09/2017**

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| Dr. B.N. Chaudhari | BE (PSP) M.Tech ( ) | ✓ | ✓ | ✓ | Black board | — | NPTEL, | ✓ | ✓ |
| Prof. S.S Kamble | BE (FACTS) M.tech ( | ✓ | ✓ | ✓ | Projector PPT. | ✓ | weblinks | ✓ | ✓ |
| Prof. S.M Kulkarni | TE (EMF) M.tech | ✓ | ✓ | ✓ | —11— | ✓ | Remedial class | ✓ | ✓ |
| Prof. S.V Murkute | TE (PE) M.tech (Advd) | ✓ | ✓ | ✓ | —11— | ✓ | Hands on practice | ✓ | ✓ |
| Prof. M.S. Potdar | FE, BE M.Tech | ✓ | ✓ | ✓ | —11— | — | Remedial class | ✓ | ✓ |
| Prof. P.D. Mohite | FE, TE | ✓ | ✓ | ✓ | —11— | ✓ | MCQ's | ✓ | ✓ |
| Prof. A.P. Paranjape | FE, BE, | ✓ | ✓ | ✓ | —11— | — | Extra lectures | ✓ | ✓ |
| Prof. A.A. Tupe | FE, BE | ✓ | ✓ | ✓ | —11— | ✓ | MCQ NPTEL | ✓ | ✓ |
| Prof. Md. I. Waheed | SE, TE | ✓ | ✓ | ✓ | —11— | ✓ | —11— | ✓ | ✓ |
| Prof. V.P. Kamble | SE, TE, | ✓ | ✓ | ✓ | — | ✓ | additional data collection | ✓ | |
| Prof. I.R. Katri | SE, TE | ✓ | ✓ | ✓ | — | ✓ | additional data collection | ✓ | ✓ |
| Prof. A.M. Paikrao | BE, | ✓ | ✓ | ✓ | —11— | ✓ | Extra information Extra Lectures | ✓ | ✓ |
| Prof. B Kunal Kumar | TE, BE | ✓ | ✓ | ✓ | —11— | ✓ | —11— | ✓ | ✓ |
| Prof. A.S. Pande | TE, BE | ✓ | ✓ | ✓ | —11— | ✓ | —11— | ✓ | ✓ |
| Prof. V.K. Peddiny | TE, M.Tech | ✓ | — | ✓ | — | — | — | ✓ | ✓ |

Checked By:    1. Sign of HOD          2. Sign of IQAC Member.

People's Education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Electrical Engineering        Date: 22/09/2017

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids Chalk & board PPT Projector | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| Prof. R. O. Magre | SE, TE, BE | — | ✓ | ✓ | —"— | — | visit | ✓ | ✓ |
| Prof. G. S. Kalane | SE, TE | ✓ | ✓ | ✓ | —"— | ✓ | — | ✓ | ✓ |
| Prof. A. Y. Yadav | SE, BE | ✓ | ✓ | ✓ | Black board Chalk | ✓ | MCQ's | ✓ | ✓ |
| Prof. V. W. Nage | SE, | ✓ | ✓ | ✓ | —"— | ✓ | video google classroom | ✓ | ✓ |
| Prof. K. B. Gawale | SE, BE | — | ✓ | ✓ | —"— | — | weblinks | ✓ | ✓ |
| Prof. N. H. Palimkar | SE. | ✓ | ✓ | ✓ | —"— | ✓ weblinks | — | ✓ | |
| Prof. A. V. Gedam | SE, BE | ✓ | ✓ | ✓ | —"— | — | videos/ weblinks | ✓ | ✓ |
| Prof. N. K. Singh | TE, SE, Mtech | ✓ | ✓ | ✓ | —"— | ✓ | Additional data | — | ✓ |
| Prof. N. D. Kakde | SE, BE | ✓ | ✓ | ✓ | —"— | ✓ | — | ✓ | ✓ |
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Checked By:   1. Sign of HOD        2. Sign of IQAC Member

People's Education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

27·01·2018

Name of Department: Electrical Engineering

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1) Prof. V.K. Reddiny | TE, M.Tech | | ✓ | | ✓ | ✓ | — | ✓ | *sign* |
| 2) Prof R.U. Magre | SE, TE, BE | ✓ | | | | ✓ | Ed. visits. | | *sign* |
| 3) Prof. K. B. Grawale | SE, BE. | ✓ | | | | ✓ | | | *sign* |
| 4) Prof. A.V. Gedam | SE, BE | | | | | ✓ | | | *sign* |
| | | | | | | ✓ | | | |
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Checked By:     1. Sign of HOD          2. Sign of IQAC Member

Dept: Civil

# P� S. Collge of Engineering
Nagsenvan, Aurangabad
Course File Checking

| Sr. No. | Name of the Staff | Class and Sub. | Teaching Plan | Ref.book/ Text Book | Notes | Teaching Aids | Use of ICT/ ERP for shariong Notes | Any othermeans for Bridging the gap etc | Lab Manu. | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | R.M. Sawant | | | | | | | | | | |
| 2 | D.N. Kakde | SE | SOM TOS | | ✓ ✓ | BB | — | check list | ✓ | QB, Ev'n Index | ✓ |
| 3 | S.B. Dhule | SE TE | BCD TRCD | | ✓ ✓ | B.B | — | VISit | ✓ | | ✓ |
| 4 | C.R. Ghushinge | FE SE TE BE | FM EE1 EE-II PP | ✓ ✓ | ✓ ✓ | BB. | — | — | — ✓ | S. Ev'n | |
| 5 | R.D. Pandit | FE,TE BE,ME | SM, DOS1 PC-1 TEP AS | ✓ ✓ | ✓ ✓ | BB, ✓ | — APP | Internet(w.L.) J.LR.papers | ✓ ✓ | QB, EV'n TiPln comp | ✓ |
| 6 | S.S.. Razvi | SE BE | S-1 TP | ✓ ✓ | ✓ | BB | APP | field visit | ✓ ✓ | QB, EV'n | ✓ |
| 7 | J.R. Gaikwad | SE MTech- | CT, CAD lab SDEE | ✓ ✓ | ✓ | BB, LPPT | ✓ | site visit | ✓ ✓ | QB, CT | ✓ |
| 8 | Sk. Fatima | SE TE BE | FM WREA WRE II | ✓ ✓ ✓ | ✓ ✓ ✓ | BB, PPT | ✓ | — | — | Ev'n, QB | ✓ |
| 9 | P.D. Atte / S. Shoeb | TE BE | TOS 2 DOS 3 | ✓ | ✓ | BB, PPT | . | NPTEL we | N/A | C.T. | ✓ |
| 10 | P.C. Wahewal | TE BE | EE1 EE II, INT. | ✓ ✓ | ✓ ✓ Zapp | BB, PPT, | ✓ | visit. | ✓ | Ev'n. | ✓ |

4) R.D. Atte . FE BCE ✓ ✓ BB, PPT — Head of dept  JGAC Member ✓

**Fwd: Academic Audit Report for the year 2018-19**
1 message

**Abhijeet Wadekar** <principal@pescoe.ac.in>                                                                                    Fri, Jan 13, 2023 at 3:02 PM
To: siddharthundirwade@gmail.com

---------- Forwarded message ---------
From: **Abhijeet Wadekar** <principal@pescoe.ac.in>
Date: Thu, Nov 21, 2019 at 5:58 PM
Subject: Academic Audit Report for the year 2018-19
To: Sanjay Nalbalwar <slnalbalwar@gmail.com>

Dear Sir,

Reference to the subject cited above, as per the directives, of Hon'ble vice Chairman Academic Audit for the year 2018-19 of P.E.S. College of Engineering has been conducted on 20.11.2019.  The Committee consisting of following members were present of conducted the Audit.

1.   Dr. Anand Bhalerao   -            External Advisor
      Principal,
      Bharti Vidyapeeth's, College of Engineering,
      Dhanakwadi, Pune
2.   Dr. R. M. Damgir        -            External Advisor
      Professor in Civil Engineering,
      Dept. of Civil Engineering,
      Govt. College of Engineering,
      Aurangabad
3.   Dr. Abhijeet Wadekar -            Internal Member
      Principal,
      P.E.S. College of Engineering,
      Aurangabad
4.   Prof. S. S. Khedgikar -            Internal Member
      Dean Academics,
      P.E.S. College of Engineering,
      Aurangabad
5.   Prof. V. A. Losarwar   -            Internal Member
      Associate Professor &
      IQAC Co-ordinator
      P.E.S. College of Engineering,
      Aurangabad

As per your directives the single page report has been uploaded on our web site and also is being sent as an attached file to you good self for further necessary action please.

In addition to single page report the Academic Advisors report duly signed by all committee members is attached herewith.

Regards

--
Dr.Abhijeet Wadekar.
Principal
Cell No +919422293400
Landline: 0240-2400025(Direct)2403001
Fax     : 0240-2400031

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Dr.Abhijeet Wadekar.
Principal
Cell No +919422293400
Landline: 0240-2400025(Direct)2403001
Fax     : 0240-2400031

**2 attachments**
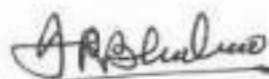
**Single Paper Report.pdf**
128K

**Advisors report.pdf**
1249K

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Engineering Colleges
### Format for submission of Academic Advisors Report (AAR)

| S.No | Zone | District | Name of the College,place | Item | Grade * | Impression |
|---|---|---|---|---|---|---|
| 1 | | | | Conduct of Classes | A | Good |
| 2 | | | | Co-Curricular Activities & Extra-Curricular Activities | A | Good |
| 3 | | | | College Activity Register | B | Satis factory |
| 4 | | | | Departmental Activity Registers | B | Satis factory |
| 5 | | | | Discipline in the campus | A | Good |
| 6 | | | | IQAC | A | Good |
| 7 | | | | Placement | B | Satis factory |
| 8 | | | | Departmental research | A | Good |
| 9 | | | | Career Guidance Cell | B | Satis factory |
| 10 | | | | SWAYAM facilities | A | Good |
| 11 | WEST | AURANGABAD | P.E.S. College of Engineering, Aurangabad | Library | A | Good |
| 12 | | | | Research & Laboratories | A | Good |
| 13 | | | | Games & Sports | A | Good |
| 14 | | | | Humanities and Foundation Courses | B | Satis factory |
| 15 | | | | Teacher Evaluation by Students | B | Satis factory |
| 16 | | | | Maintenance of Registers | B | Satis factory |
| 17 | | | | Teaching Diaries & Plans | A | Good |
| 18 | | | | NCC / NSS | A | Good |
| 19 | | | | Women Empowerment Cell | A | Good |
| 20 | | | | Professional Club | A | Good |
| 21 | | | | Sanitation & drinking water | A | Good |
| 22 | | | | Cleanliness | A | Good |
| 23 | | | | Functioning of Teachers | A | Good |
| 24 | | | | Over All Impression on the College | A | Good |
| 25 | Any Other important Observation | | | | | |

Spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center established, soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good.

**Signatures of Academic Advisors**

Dr. Anand Bhalerao, Principal,
Bharati Vidhyapeeth's College of
Engineering, Dhannakwadi,
Pune.

Dr. R. M. Damgir,
Department of Civil
Engineering, Government
College of Engineering,
Aurangabad.

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Degree Colleges
### Format for submission of Academic Advisors Report (AAR)

**I-COLLEGE PROFILE**

| | | |
|---|---|---|
| 1 | Name of the College, Website, email and Ph.No. | Name : P.E.S. College of Engineering, Aurangabad. Website : www.pescoe.ac.in    Phone no - 0240-2403001, 2403019 |
| 2 | Name of the Principal, email & Mob.No | Name : Dr. Abhijeet P. Wadekar    email - principal@pescoe.ac.in Mob.No. : 9422293400 |
| 3 | Name of the Dean Academics, email & Mob. No. | Name : Prof. S.S. Khedgikar    email - sushantssk@rediffmail.com Mobile No. : 7499095947 |
| 4 | Name of the IQAC Coordinator, email & Mob. No. | Name : Prof. V.A. Losarwar Email : iqac_coordinator@pescoe.ac.in Mobile No : 9423153932 |
| 5 | Year of Establishment & own land if any | 1994    Own land |
| 6 | NBA accreditation | NIL |
| 7 | NAAC Grade with Cycle, Accredited Year & CGP(if not Accredited Status of Preparations) | NAAC Grade - B+ 1st Cycle Year of Accreditation : March 28,2017 CGPA - 2.56 |
| 8 | UGC Recognition (2F & 12 B) | Under Process |
| 9 | College Working Hours( if shift system mention details of both shifts & give reasons for shift system) | 10:30 am  to  5:30 pm |
| 10 | No. of Posts Sanctioned | Regular Faculty working  32 | Contract Working: 66 | Visiting Faculty Working: Nil |
| 11 | Course wise & Year wise Students strength particulars ( Proforma enclosed & to be submitted along with AAR) | Made available as per proforma |

## II-CURRICULAR ASPECTS

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Annual Status | Grade | |
| 1 | Implementation of Annual Institutional Plan | The plan is available and being followed, and kept on record. | A | Good |
| 2 | Departmental Annual Curricular Plans | As per the central plan, departmental academic calendars are prepared and implemented. Documents are verified | A | Good |
| 3 | College Activity Register for the Academic Year | Verified the details and kept on record | B | Satisfactory |
| 4 | Departmental Activity Registers (Dept. Wise) | Verified the details and kept on record | B | Satisfactory |
| 5 | Add-on Courses (Department-wise) completed during Academic Year | Details are available with all records. | A | Good |
| 6 | Add-on Courses (Department-wise) in Academic Year | Details are available with all records. | A | Good |
| 7 | Coverage of Syllabus (Average Percentage) | Almost 90% Syllabus has been covered and has been put on the record | A | Good |
| 8 | Teaching of Humanities & Foundation Courses | Teaching plans, completion details and special methodologies are found available. | B | Satisfactory |
| 9 | Teaching of Environmental Science and Ethics | Teaching plans and special methodologies are found available. | A | Good |
| 10 | No. of New UG & PG Courses introduced this year: | No | -- | -- |
| 11 | Maintenance of Student Attendance Registers | Student attendance registers are found available in well maintained form. | A | Good |
| 12 | Feedback forms on Curriculum from students | Found that curriculum feed back is taken, gaps are identified and being bridged through activity such as guest lectures, add-on courses, industrial visits, training programs. | A | Good |

| | Item | Impression of Academic Advisor with grace A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| | **III-TEACHING, LEARNING & EVALUATION** | | | |
| 1 | Teaching Diaries & Plans in the Prescribed Formats | A | All the formats are verified. The documents are verified and kept on record | Good |
| 2 | Co-Curricular Activities ( College Level) | A | Documents of all such activities are verified and kept on record | Good |
| 3 | Academic Competitions ( College & Above level) | A | Record of 7 competitions is verified and kept on record | Good |
| 4 | Conduct of Internal Examinations | A | Observed that Periodic tests, MCQs etc are being conducted. Proofes are maintained. | Good |
| 5 | Subject wise result analysis | A | All the details were made available | Good |
| 6 | Teacher wise result analysis | A | All the details were made available | Good |
| 7 | Remedial Classes | A | Observed and verified that, special efforts has been taken by the institute to identify the slow learners and implementing corrective measures by means of conducting remedial classes and maintaining the proper track record of there progres and has been put up before us and found satisfactory. | Good |
| 8 | Record of Evaluation of Teachers  by Students | B | Verified that regular activity of collection of feed buck from students to evaluate teacher performance is in practice.Also verified that the analysis and Action taken report is maintained | Satisfactory |

## IV-RESEARCH AND CONSULTANCY

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C(poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 1 | Is the College a Recognized Research Centre | A | Yes | Good |
| 2 | No. of Research Guides in the College | A | 4 | All Eligibal Teachars shall apply to University |
| 3 | No. of Research Scholars working for Masters & Ph. D | A | PhD - 21, Masters - 28 | Good |
| 4 | Major/Minor/Other Research Projects | B | Noted that efforts has been taken by the institute to submit research proposals to DST,MODROBS,AICTE and Industry. The documents of submitting the proposals were kept on record | More no. of research proposals to be enhanced |
| 5 | Research Papers Published in Academic year ( International /National) | A | Verified that, total Research Papers Published in Academic year in International journals are 40. Scopus25 were produced by all Departments . | Good |
| 6 | Papers Presented in Academic year ( International /National/ State ) | A | Verified that total 09 papers are presented in international conferences. | Good |
| 7 | Books Published in Academic year (Single Author/ Co Author) | A | Found that the record is available . | Good |
| 8 | Seminars/Workshops/Training Programme Conducted in Academic year ( International /National/ State ) | A | Record of various 29 nos of training programs like symposiums, workshops, seminars, FDPs, guest lecture, video sessions for staff as well as students is available. Verified that such activities are regularly conducted | Good |
| 9 | Record of Consultancy in Academic year | A | Consultancy projects worth Rs 17 lackhs has been undertaken and all the details presented before the committee. | Good |
| 10 | Record of MOUs in Academic year | A | MOU with 27 no of company signed and its assement of outcomes were kept on records | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C(poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| | | | **V-EXTENSION ACTIVITIES** | |
| 1 | Record of Subject/Department Related Extension Activities | A | The institute adopted one village. Students clubs for this activities is formed. Documents of these activities are verified and kept on record. | Good |
| 2 | Name of the NSS PO & Mobile No. | A | Name : Prof S.V.Murkute    Mobile No.: 9923197140 | Good |
| 3 | NSS Attendance register | A | Available with all details | Good |
| 4 | NSS Activity register | A | Available with all details | Good |
| 5 | Name of the NCC ANO & Mobile No. | ---- | NA | ---- |
| 6 | NCC Attendance register | ---- | NA | ---- |
| 7 | NCC activity register | ---- | NA | ---- |
| 8 | Name of the Professional Club Coordinator & Mobile No. | A | List of Professional Clubs and coordinators:    1. Computer Society of India    Name : Prof. D.T. Rathod    Mobile no. 9158005304    2. Indian Society of Technical Education    Name : Dr. R.G. Pungle    Mobile No. 9423452553    3. Institute of Engineers    Name : Dr. R.G. Pungle    Mobile No. 9423452553    4. SAE India    Name : Dr. R.G. Pungle    Mobile No. 9423452553 | Good |
| 9 | Professional Club Activities | A | 11 No. of Activities of various professional clubs are conducted and kept on record | Good |
| 10 | Name of the Women Empowerment Cell Coordinator & Mobile No. | A | Name - Mrs.M.M.Ambekar    Mobile No- 9890309715 | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 11 | WEC Activities | A | 1. Self defence activity under mission SAHASHI project : The objective is to make aware the girl students for self defence. Speaker Mr. Vishwas Joshi. Conducted on 17th oct 2018 Participatns : 70  2. Nationwide competition on laws related to women in association with nation commission for women organised on 20th nov 2018 to spread the awareness of laws related to women Total participant100  3. Celebration of International Womens Day on 3rd aug 2018 Dr trupti joshi was the speaker for the function. The objective of the activity is to make the health awareness and personality development in girls student.                Participants: 150 All the above activities are kept on record | Good |
| 12 | Name of the Eco-Club Coordinator & Mobile No. | C | Nil | Poor |
| 13 | Eco- Club Activities | C | Nil | Poor |
| 14 | Name of the Consumer Club Coordinator & Mobile No. | A | Name - Prof. V. R. Mote                Mobile No-9158005302 | Good |
| 15 | Consumer Club Activities | A | 1. Video session was arranged for students to create awareness among the students about how our Constitution of India was being formed and to make the students aware of basic human rights.                2. Quiz and Group Discussion was arranged to understand the BHRs are applicable. The details of above activities are verified and kept on record | Good |

| | Item | Impression of Academic Adviser with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 16 | Innovation Activity club | A | Incubation center is available for this activity. | Good |
| 17 | Technology Development and Transfer Cell Activities | A | Following records are available. 1. Android application is developed by Computer department for staff attendance. 2. ERP system is developed for sharing learning resources by faculty with students. Features to conduct online tests, assignments are available. | Good |
| 18 | Any other Club | A | 1. E-Yantra Club : This is a centralised club for the skill development of the students. The senior faculty members of all the departments organised various activities on robotics skill development of the students of all the branches . This club has organised 3 days workshop on FIRE BIRD V ROBOT programming fundamentals during 31st Jan to 2nd Feb 2019. 2. Departmental student organizations are actively conducting various programs like social activities and technical activities. | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| | | **VI-LEARNING RESOURCES** | | |
| 1 | Name of the Librarian & Mob.No | A | Name :Mr. P. E.Horshil          Mob. No :9403637954 | Good |
| 2 | Access timings of the Library | A | 10.30am to 5.30pm          (During Exam: 8.30am to 12 Mid Night) | Good |
| 3 | Circulation of Books among Students | A | Details of circulation of books under issue section, reference section and book back section were kept on record. | Good |
| 4 | Availability of Previous years Question papers | A | It is available in hard copy and soft copy. | Good |
| 5 | Availability of model answers of previous examinations | A | Verified and kept on record. | Good |
| 6 | Record of Visitors to Library | A | Maintained in register. Verified and kept on record | Good |
| 7 | Status of Library Automation | A | Working (Name of Library automation software : Libman ) | Good |
| 8 | e- Resources & e-Journals | A | 1. CELNET          2. ND:          3. Dr. BAMU Remote Access | Good |
| 9 | Number of E-Journals | A | 300 | Good |
| 10 | Number of Print Journals | A | 56 | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 11 | Access to NPTEL courses | A | Access is available. List of students registred for NPTEL courses and the result of these course exams are produced before the committee for validation. | Good |
| 12 | Access to Spoken Tutorials | A | Spoken Tutorial workshops on various technologies and related examinations are conducted and kept on record | Good |
| 13 | Access to e-learning tutorials | A | Students and teachers are guided for e-learning tutorials. | Good |
| 14 | TED-X activity on campus | A | Available | Good |

## VII-Student Support Activities

| | Item | Impression of Academic Advisor with grade A(Good)/B( Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 1 | Name of Dean/Faculty Incharge & Mob.No | A | Prof. S. M. Kulkarni    9422712775 | Good |
| 2 | Activities and Support for Sports | A | Sports in-charge is appointed for such activities. It is observed that students are participating in various sports activities at State, University, National level and Bagging prizes and Awards | Good |
| 3 | Records of events conducted and significant achievements in Sports & Games | A | Participated in ICT Dr. BATU, and conducted Inter-Department Sports Activities in Academic Year 2018-2019 and 2019-2020. Following are the achievements.        1. Prasad Giri (Played West Zone Basketball Competition in academic year 2018-2019) 2. Badmintom Team Won RunnerUp Trophy in DR BATU ICT Competition in year 2018-2019. 3. Two Badminton Players selected for West Zone Competition in academic year 2019-2020. 4. Two Football Players selected for West Zone Competition in academic year 2019-2020. 5 Badmintom Team Won RunnerUp Trophy in DR BATU ICT Competition in year 2019-2020. | Good |
| 4 | Record of cultural programmes conducted | A | Students more than 700 nos have participated in various cultural programmes and have bagged prizes and were kept on record | Good |
| 5 | Record of any other extra-curricular activities conducted | A | Students are participating in many of the extra curricular activities as elocation, Essay copmetition etc. The record of such activities conducted is available. | Good |

| | Item | Ingression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggesti ons by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 6 | Record of Students trained in different verticals | A | Soft Skill Training program by Scout Educate Pune was arranged for students from 28/09/2018. GATE tutor portal for all students. Record is available. | Good |
| 7 | Record of Student placed in In campus placement | B | Total 101 students were placed in various industries and record is available. | Satisfactory |
| 8 | Name of Career Guidance Coordinator and Mob.No | A | Name : Prof. V.V. Kulkarni       Mobile No.: 9420809618 | Good |
| 9 | Record of activities Career Guidance and placement cell | B | Record of career guidance and placement cell is available. | |
| 10 | Name of Departmental Research Coordinator & Mob. No. | A | Dr. M.M. Dhobe       9860625441 | Good |
| 11 | Implementation of Departmental Research Plan | A | Research plan includes activities like Submission of research proposals, Paper publication in conferences and journals, Seminars and workshops or IPR. These activities are getting implemented regularly. All the details are kept on record. | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 12 | IQAC activities & maintenance of records ; (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc) | A | **Action Plan :** 1. To conduct internal academic audit of faculties. 2. To conduct administrative audit of the institute. 3. To arrange training programs for non teaching staff. 4. To collect feedback forms from all stakeolders. **Minutes of Meeting** register is maintained. **Proof** of submission of AQAR to NAAC is attached herewith. **Activity Register is** maintained. IQAC at institute level as per the norms of NAAC. Committee meet twice in a semester. Committee give suggestions for the improvement and were kept on record. | Good |
| 13 | Record of Alumni Association Activities | A | Record of Registered Alumni association of institute is available. As per the record meeting of alumnae are conducted. Alumni contributed by way of Guest lecture, Placement, supporting the students by sponsoring the projects of Final Year. | Good |
| 14 | Record of Grievance Redressal Cell / Anti Ragging Cell | A | Grievance Redressal Cell exists & committee meets twice in a semester. | Software recommended by AICTE to be Purchased |
| 15 | Awards and Prizes earned by students | A | Many students of the institute have bagged prizes and received awards in various activities. | Good |
| 16 | Mentoring / Counseling System | A | Teacher guardian scheme is available in the institute. Staff mentors acting as teacher guardians are looking after overall development of the students allotted to them. | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| | **VIII-Basic Amenities** | | | |
| 1 | Maintenance of drinking water | A | RO system for Drinking water is installed and frequent maintenance of related set up is being carried out. | Good |
| 2 | Maintenance of Sanitation | A | Regular Maintenance is being carried out and monitored. | Good |
| 3 | Rest room for women students | A | Rest room for women students is available with adequate facilities. | Good |
| 4 | Greenery & Cleanliness | A | Well Maintained Green campus. Green audit is done. House keeping contract is given for cleanliness. | Good |
| 5 | Health Care Facility | A | Appointment of medical officer is made. | Good |
| 6 | Canteen | A | Canteen contract and mess contract is made. Agreement of this is available. | Good |
| | **IX-GOVERNANCE AND LEADERSHIP** | | | |
| 1 | Staff meetings Register | A | Register is available with all records. | Good |
| 2 | Functioning of Committees in Administration ( Minutes of Meetings) | A | Details are made available. | Good |
| 3 | Awards/Achievements of faculty | A | Record is made available. | Good |
| 4 | Faculty development initiatives | A | Faculties are promoted through initiatives taken by the institute for their developments in academic achievements ( higher education), knowledge upgradation (FDP,STTP, Conferences) | Good |
| | **X - IT INITIATIVES** | | | |
| 1 | e-class rooms ( Number & Usage) | A | 4, frequently used | Good |
| 2 | Internet Centre | A | Internet connection with speed 120 MBPS. All computers are having internet connection. | Good |
| 3 | Computer labs ( No. of labs & working systems) | A | Total number of Computers = 429. number of Computer labs = 17   Total | Good |

| | Item | Impression of Academic Advisor with grade A(Good)/B( Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| | **∑I-Best Practices** | | | |
| 1 | Record of best/innovative practices by the institution | A | Record is made available | Good |
| 2 | College Activity Register/ Annual Report | B | Record is made available | Satisfactory |
| | Hard Copy of AQAR | A | Record is made available | Good |
| 3 | Over All Impression on the College | A | Spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center established, soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good. | |

Signature of the Dean Academics ~~Gevegginar~~

**Signatures of Academic Advisors**

1. ~~ANelealeo~~     Dr. Anand Bhalerao. Principal, ~~Anandi Vidyapeeth~~ college of Engg, Pune

2. ~~signature~~     Dr. R. M. Damgir, Dept of civil engg Govt college of Engineering, Aurangabad

Signature of the Principal

People's education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad
## Internal Acadamic Monitoring (IQAC)

Name of Department: Civil

Date: 17/08/18

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Unit wise Question Bank with Solution | University Question Paper With Solution | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Mr R M Sawant | E.M. G.T.E. | Yes No | yes yes | Referance from Article | yes yes | Sample yes | yes | yes | Yes Yes | Unit apart from articles find out | Yes Yes | | yes yes | yes yes | 50% process | |
| 2 | Dr D. N. Kokode | H.O.S. | yes No | yes | yes | yes | ppt use | yes | yes | yes | Nil | R.A | yes | yes | yes | mapping of POs, CO2 yes to be done | |
| 3 | C R Erunahinge | Engg. Geology | yes no use done | yes | yes | yes | Rock Sample | yes | yes | — | noted nothing | yes | yes no | yes | yes | mapping needs to be done | |
| 4 | Mrs P.D. Hite | Civil Engg. G.C.D. G.C.M.I | – No – – No – – No – | yes yes yes | yes yes yes | yes yes yes | NPTL videos –– – | yes yes yes | yes yes yes | yes yes yes | –it– – –– – | yes yes Nil | yes yes yes | yes yes yes | yes yes yes | –– – –– – –– – | |
| 5 | Mrs S. C. Fatima | W.R.E II H.M.I | Not Done | yes yes | yes yes | yes yes | ppt ppts | yes yes | yes yes | No no | Nil | Nil yes | yes yes | yes yes | yes yes | mapping to be done –– – | |
| 6 | Sayed shoib Illyas | T.O.S -II U.S.-III | Not done | yes yes | yes yes | yes yes | Sample Sample | yes yes | yes yes | yes yes | industry visit –– – | N.A N.A | yes yes | yes yes | yes yes | mapping is to be done | |
| 7 | Mrs S B Dhule | Highways Engg. Foundation Engg. | Not done done | yes yes | yes yes | yes yes | Nil – | yes yes | –yes yes | yes no yes | During lecture explained | yes yes N.A | yes yes | yes yes | yes yes | mapping is to be done | |
| 8 | R D Pandit | Engg. mech D.C.S.E Pic conc | Not done –"– –"– | yes yes yes | yes yes yes | yes yes yes | yes ppt. ppt. yes yes | ppt yes yes yes | yes yes yes | No no no | Nil nil Nil | yes N.A N.A | yes yes yes | yes yes yes | yes yes yes | mapping is to be done –– – –– – | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By: 1. Sd/- 2. Sd/-

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Department:                                                                                   Date:

| Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books /Text Book | Notes | Teaching Aids | University Question Bank with Solutions | University Question Paper with Solutions | Use of ICT & RP for sharing notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S. S. Ragvi | SIT-1 Elective-1 | yes desis | yes  yes | yes  yes | yes  yes | PPt  PPt | yes  yes | yes  yes | ne  no | Taken in lecture ---- | yes  n-a | yes  yes | yes  yes | yes  yes | mapping of PLos + res in ordina |  |

Note: * For bridging the gap one can conduct seminars/workshop/ Industry visit etc.

Checked By:   1. Sign of HOD          2. Sign of IAC Member

# P. E. S. College of Engineering, Aurangabad
## Internal Acadamic Monitoring (IAAC)

Department: **Electrical Engineering**

Date: **18/08/2018**

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books (Text Book) | Notes | Teaching Aids | Univer sity Question Bank with Sallabus | University Question Paper With Sallabus | Use of ICT/e-BER for sharing Notes | Any other (like Bridging Gap etc.)* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Duty | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | B.N Chaudhari | PSP PSOC | ✓ | ✓ | ✓ | ✓ | Actual working models | ✓ | ✓ | — | Ind Visits | ✓ | ✓ | ✓ | ✓ | | 𝓑 |
| 2) | S.S. Kamble | FACTS PSDS | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | Ind Visits | ✓ | ✓ | ✓ | ✓ | | 𝓢𝓼𝓻 |
| 3) | S.M. Kulkarni | EMF HVE | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | | ✓ | ✓ | ✓ | ✓ | | |
| 4) | S.V. Muskude | PE ED | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | mini Projects | ✓ | ✓ | ✓ | ✓ | | 𝓑𝓶 |
| 5) | M.S Patdar | MI BEEE | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | | ✗𝓟 |
| 6) | P.D.Mohite | NA SPEM | ✓ | ✓ | ✓ | ✓ | PPT & | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | | J.Mohite |
| 7) | A.P Panvinjage | TMEE +A | ✓ | ✓ | ✓ | ✓ | PPT Sample | ✓ | ✓ | — | Hands on practice | ✓ | ✓ | ✓ | ✓ | | |
| 8) | A A Tupe | DSP EE AIC | | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | Tutorials | ✓ | ✓ | ✓ | ✓ | | |

★ Note: * i.e. bridging the gap one can conduct seminar/workshops/ Industry visits etc.

Checked By:   1. Sign of HOD          2. Sign of IAAC member

Name of Department:

Date:

| Sr. No | Name of Staff | Subject | Mapped POs with COs | Teaching Plan | Ref Books (Text Book) | Notes | Teaching Aids | University Question Bank with Solution | Univ. Question Papers with Solution | Use of ICT & PPT for sharing Notes | Any other (like Bridging Gap etc.)* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remarks | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9) | V.P Kamble | EPTD BMT | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | and VIvi charts making | ✓ | ✓ | ✓ | ✓ | | ✗ |
| 10) | I R Kadri | MI m/c | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | mini proj google Ch | ✓ | ✓ | ✓ | ✓ | Use various teading Aids. * | ✗ |
| 11) | A.S Pande | CSE DSP | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | . | | |
| 12) | V.V Peelatiny | PSGa PSA | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | — | — | — | ✓ | ✓ | ✓ | ✓ | | took |
| 13) | A.M Poikrao | ED FACTS | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | mini projects Assignments | ✓ | ✓ | ✓ | ✓ | | |
| 14) | K.K.Ramrode | PSP CSE | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | ✓ | Assignment | ✓ | ✓ | ✓ | ✓ | | |
| 15) | G.S Katane | SPPM CSE | ✓ | ✓ | ✓ | ✓ | — | ✓ | — | — | — | ✓ | . | ✓ | . | | |
| 16) | M.I Waheed | FACTS MI | ✓ | ✓ | ✓ | | PPT | ✓ | ✓ | — | mini proj NPTEL/OC Assignments | ✓ | ✓ | ✓ | ✓ | | |
| 17) | K.B Gawale | AICMC EPGE | ✓ | ✓ | ✓ | ✓ | — | ✓ | — | — | | ✓ | ✓ | ✓ | ✓ | | |

Note: * For bridging the gap one can conduct seminar/workshops/ Industry visit etc. ✱

Checked By:    1. Sign of HOD    2. Sign of IEAC Member

# P. E. College of Engineering, Aurangabad
## Internal Academic Monitoring (IQAC)

Date:

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books /Text Book | Assess | Teaching Aids | University Question Bank with Solutions | University Question Paper with Solution | Use of ICT/RP for sharing Notes | Any other (like Bridging Gap incl)* | Lab Manual | Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18) | V. W. Nage | NA PE | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | Google Ch. | ✓ | ✓ | — | — | Use various teaching aids. * | |
| 19) | A. H. Yadav | DSP m/c EEM | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | ← | ✓ | | |
| 20) | A. V. Gedam | EMF PSOC | ✓ | ✓ | ✓ | ✓ | Video | ✓ | — | Video uploaded | — | ✓ | ✓ | ✓ | ✓ | | |
| 21) | N. D. Kakade | DSP M&I | ✓ | ✓ | ✓ | ✓ | PPT Google Ch. | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | | |
| 22) | R. U. Magre | LA EGA | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | — | — | — | — | ✓ | ✓ | ✓ | | |
| 23) | | | | | | | | | | | | | | | | | |

Note: * For bridging the gap one has conduct seminars/workshops/Industry visit etc ★

Checked By:  1. Sign of (HOD)     2. Sign of Member

**Name of Department:** Applied Science     **Date:** 12/02/19

| Sr. No | Name of Staff | Subject | Mapping of PO's with CO's | Teaching Plan | Ref Books/Text Book | Notes | Teaching Aids | Question Bank with Solution | Univ. Question Paper With Solution | Use of ICT/PPT for showing Notes | Any other like Bridging Gap CK-4* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Prof. C. P. Kamble | FM3 | ✓ | ✓ | ✓ | ✓ | CBB PPT | ✓ | ✓ | ✓ | | NA | | ✓ | ✓ | | |
| 2 | Prof. S. A. Nighuthu | Engg Chem | ✓ | ✓ | ✓ | ✓ | CB | ✓ | ✓ | ✓ | Action prepared & explained | ✓ | PPT | ✓ | ✓ | | |
| 3 | Prof. M. A. V. Manthe | Engg Phy | | ✓ | ✓ | ✓ | CBB PPT | ✓ | ✓ | ✓ | Video by our old students | ✓ | | ✓ | ✓ | | |
| 4 | Prof. S. R. Acharya | M3 | ✓ | ✓ | ✓ | ✓ | CBB PPT | ✓ | ✓ | ✓ | its all mater each is explained | NA | | ✓ | ✓ | | |
| 5 | Prof. M. Ahmedabaz | M1 M3 | ✓ | ✓ | ✓ | ✓ | CBB | ✓ | ✓ | ✓ | using example & shown | NA | | ✓ | ✓ | | |
| 6 | Prof. S. C. Fatemaz | M1 M3 | ✓ | ✓ | ✓ | ✓ | CB | ✓ | ✓ | ✓ | Nurcase explained | NA NA | PPT | ✓ | ✓ | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Note: * For bridging the gap one can conduct seminar/workshop/industry visit etc.

Checked By:    1. Sign of HOD      2. Sign of IQAC Member

Department: **Mechanical Engg.**

| Sr No. | Name of Staff | Subject | Mapping Lect No. with COs | Teaching Plan | Ans Books/ Test Book | | Teaching Aids | Unit wise Question Bank with Solution ... | Tutorial sheet with Solution | Guest ICLE RP for Meeting Notes | Any other like Bridge Cont. etc? | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01) | Dr Dhebe m.m. | DMF I | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial Visit - Guest lect. | — | — | — | — | | |
| 02) | Dr Pungle R.w | Meta llurg | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial Visit | — | ✓ | — | ✓ | | |
| 03) | Prf Sable J S | DME I | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial Visit | ✓ | ✓ | ✓ | ✓ | | |
| 04) | Prf Pandit P.L | MOC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Expert w.s. onedry | ✓ | ✓ | ✓ | ✓ | | |
| 05) | Pf Bawiskar | ACS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Expert sam academy. | ✓ | ✓ | ✓ | ✓ | | |
| 06) | Pf Awas m.N | TD-I | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industri Visit | NA | ✓ | ✓ | ✓ | | |
| 07) | Prf Naik CTC | I.C engine | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Indum Visit. | ✓ | ✓ | ✓ | ✓ | | |
| 08) | Pf Shinde S.S | FM | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial Visit | ✓ | ✓ | ✓ | ✓ | | |
| 09) | Pf. Hashmi | Tribo meting | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industri Visit. | ✓ | ✓ | — | ✓ | | |

Note: * For meeting the options can conduct Seminar/workshop/Industry visit etc.

Checked By:   1. Sign of HOD      2. Sign of IQAC Member

Department: Mechanical PGSS.     Date: 17/8/18

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Hand/Text Book | Notes | Teaching Aids | Tutorial Question Bank with Solution | Question Papers With Solution | Use of ICT/RP for sharing Notes | Any other like Bridging Gap etc.* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10) | Prof Shinsj.et | M.Dsy | — | — | — | → | — | ✓ | — | — | ✓ | — | — | → | ✓ | | *sign* |
| 11) | Prof Beasane | Tom II | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | *sign* |
| 12) | Prof. Cotton H R | ACS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | . | ✓ | Expert gust for lecture | ✓ | ✓ | ✓ | ✓ | | *sign* |
| 13) | Prof. m.T.Siddique | I.C.Eng | ✓ | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | Expert gust lecture | ✓ | . | ✓ | ✓ | | *sign* |
| 14) | Prof. S.T. Dhande | Matr. Sc. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial visit | ✓ | . | . | . | | *sign* |
| 15) | Prof. S.S.Shigde | MQC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial visit Training | ✓ | . | ✓ | ✓ | | *sign* |
| 16) | Prof. Dudhmal | Tom. II | | . | . | ✓ | | . | . | . | Industrial visit | . | . | ✓ | | | *sign* |
| 17) | Prof. Grawali | PPE | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial visit | — | ✓ | ✓ | ✓ | | *sign* |
| 18) | Prof. Tayade | Metallgy | ✓ | . | . | . | . | — | — | . | Expert guest faculty | ✓ | ✓ | . | . | | *sign* |

Note: * For bridging the gap one can conduct seminar/workshop/industry visit etc.

Checked By:  1. Sign of HOD  2. Sign of IQAC Monitor

# P. E. ● College of Engineering, Aurangabad
## Internal Academic Monitoring

Date: 17/8/18

Name of Department: Mechanical Engg.

| Sr. No. | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books / Text Book | Notes | Teaching aids | Continous Evaluation in Unit test with Solution | Continous Evaluation Question Paper With Solution | Level of R & D RP for learning Samp. | Any other Gate Bridging Gap etc.? | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (9) | P.J. Matsuwate | mech Struc | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | Export Ci facty | ✓ | · | · | ✓ | | |
| 2) | M. Ali | F.M. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industry visit | ✓ | · | ✓ | ✓ | | |
| 21) | M. Sbejwal | MMT | ✓ | ✓ | · | ✓ | ✓ | — | — | ✓ | Export g. lectr. | NA | NA | · | ✓ | | export |
| 22) | M. Tenchraras | FM, TE | ✓ | ✓ | ✓ | ✓ | ✓ | I hve I yr unit test | I hve I yr time ong | ✓ | Industry visit | ✓ | NA | · | ✓ | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc.

Checked By:    1. Sign of HOD          2. Sign of IQAC Member

Name of Department: Dept of CSE

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question Bank with Solutions | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.)* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | S. V. Bhusnr | PDCA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | Guest Lectre | ✓ | ✓ | — | ✓ | | Bhas |
| 11 | B. N. Jha | BCP | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | ✓ | Guest Lectre | ✓ | — | — | — | | Bhas |
| 12 | K. R. Dabhade | CAO | ✓ | . | ✓ | ✓ | ✓ | . | New Syb | ✓ | GL | ✓ | New Sub | ✓ | ✓ | | ✓ |
| 13 | H. R. Khan | SPAP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | new Subject | ✓ | Guest Lecture | ✓ | New Sub | ✓ | ✓ | | |
| 14 | H. S. Syed | Web moder | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Case Study | ✓ | ✓ | ✓ | ✓ | | |
| 15 | S. M. Jalve | DBMS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 16 | B. M. Kulkarni | Dw DM | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 17 | A. U. Jakhod | PSJ | ✓ | ✓ | . | ✓ | ✓ | ✓ | . | ✓ | GL | ✓ | ✓ | . | . | | |
| 18 | G. R. Gaud | TOC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | . | | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:      1. Sign of HOD          2. Sign of PAC Member
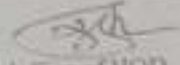
# P. E. S. College of Engineering, Aurang..bad
## Internal Acadamic Monitoring

Department: Department of Computer Sci & Engg.

Date: 18/8/18

| Sr No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books /Text Book | Notes | Teaching Aids | Unitwise Question Bank with Solution | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. S H Kakarwal | OS CA | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | ✔ | Guest lecture | NA | New Subj | ✔ | ✔ | | ✔ |
| 2 | V A Lososwar | DBMS N EP | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | ✔ | ✔ | ✔ | ✔ | ✔ | | Manuat |
| 3 | M M Ambekar | PFJ HPC-m | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ NA | New Subm | ✔ | ✔ | | |
| 4 | S D Pingle | OPath Sci n. CA | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | NA | New Subm | ✔ | ✔ | | |
| 5 | V B Kamble | DmDw n SJ | — | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | • | | |
| 6 | Y S Pagar | DIP | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | |
| 7 | V R Mote | BnR | ✔ | — | ✔ | ✔ | ✔ | NA | NA | ✔ | Guest lecture | NA | NA | ✔ | — | | |
| 8 | V D Jadhav | Deta Straing | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | ✔ | New Subm | ✔ | ✔ | | |
| 9 | D T Rathod | Cloud Comping | — | ✔ | ✔ | ✔ | ✔ | ✔ | — | ✔ | ✔ | ✔ | — | ✔ | ✔ | | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc.

Checked By:    1. Sign of HOD    2. Sign of ...

Department: Dept. of CSE.                                                          Date: 18/9/17

| Name of Staff | Subject | Mapping G of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question n Bank with Solutions | University Question s Paper With Solutions | Use of ICT/E lP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A.S. Gadekar | PCD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Case Study | ✓ | ✓ | ✓ | ✓ | | *Sign* |
| R.H. Jadhav | Dms CPC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Guest Lecture | ✓ | ✓ | ✓ | ✓ | | *Sign* |
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Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:            1. Sign of HOD            2. Sign of Class Member

# P. E. S. College of Engineering, Aurangabad
## Internal Academic Monitoring

Date: 18/08/2018

Department: Electronics & Telecommunication

| Sr. No. | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Question Bank with Solution | University Question Paper With Solution | Use of ICT/ IPR for sharing Notes | Any other (like Bridging Gap etc.)* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. V. K. Kadam | DSP, EC, CTC | ✓ | ✓ | ✓ | ✓ | ✓ PPT T.B | ✓ | ✓ | ✓ | expert lecture on seminar | ✓ | | ✓ | ✓ | Research | |
| 2 | Prof. S. S. Khadaikar | WMC, AE & EC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | field visit planned | ✓ | | ✓ | ✓ | | |
| 3 | Prof. P. K. Tulunge | DE, MC, SEM | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Games | ✓ | | ✓ | ✓ | | |
| 4 | Prof. R. M. Jadhav | BEEE, DEMP | ✓ | Pr A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | practical exhibition | ✓ | | ✓ | ✓ | | |
| 5 | Prof. M. R. Rajput | EC, KP, MEP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 6 | Prof. A. P. Khoat | VLSI, EC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | training Xilinx planned | ✓ | | ✓ | ✓ | | |
| 7 | Prof. V. R. Kotur | EDC, DC | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | ✓ | IVL planned | ✓ | | ✓ | ✓ | | |
| 8 | Prof. S. C. Kolhe | EME | ✓ | ✓ | ✓ | ✓ | C&B | NA | NA | NA | basic maths explain | NA | | ✓ | ✓ | | |
| 9 | Prof. V. V. Kulkarni | ENS, MRE | ✓ | ✓ | ✓ | ✓ | C&B PPT | ✓ | ✓ | ✓ | IVL planned | ✓ | | ✓ | ✓ | PhD registration done | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc.

Checked By:   1. Sign of HOD        2. Sign of IQAC Member

Name of Department: **Electronics & Telecommunication**

| S. No. | Name of Staff | Subject | Mapped C.O./PO's with CO's | Teaching Plan | Ref. Books / Text Book | Notes | Teaching Aids | | | Use of ICT | Any other slide displaying page etc.? | Lab Manual | Previous year result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ✓ | ✓ | C&B ppt | | | ✓ | Video lecture | ✓ | = | ✓ | ✓ | | |
| 10 | Prof. N.T. Kolambikar | DIP / ES | - | - | - | - | - | - | - | ✓ | Video lecture | ✓ | | ✓ | ✓ | paper accepted, proj developed | |
| 11 | Prof. A.A. Shirwath | NA | ✓ | ✓ | ✓ | ✓ | C&B ppt | ✓ | | ✓ | Video lecture | ✓ | | | ✓ | | |
| 13 | Prof. J.P. Zine | AC | ✓ | ✓ | ✓ | ✓ | C&B ppt | ✓ | ✓ | ✓ | Video lecture | ✓ | | | ✓ | | |

Note: * For designing the purpose but workshop seminar/workshop/ industry visit etc.

Verified By:  1. Sign of HOD    2. Sign of Expert Member

# P. E. S. College of Engineering, Aurangabad
## Internal Acadamic Monitoring

Date: 6/2/2019

Name of Department: Electrical Engg. Dept.

| Sr. No. | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books / Text Book | Notes | Teaching Aids | University Question Bank with Solutions | University Question Paper With Solutions | Use of ICT/LP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Pr. B. N. Chaudhari | EPS / PSP | ✓ / ✓ | ✓ / ✓ | . / . | . / . | PPt | ✓ | ✓ | PPT | Ind. Visit | L | ✓ | ✓ | ✓ | — | ✓ |
| 2 | Mrs. S. S. Kamble | ESAD / ACIS | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | Chalk board / — | ✓ / ✓ | ✓ / ✓ | PPT / PPT | Ind. Visit / — | L / L | ✓ / ✓ | ✓ / ✓ | ✓ | — | ✓ |
| 3 | Mr. S. M. Kulkarni | AMD | ✓ | ✓ | ✓ | ✓ | Chalk board | ✓ | ✓ | write board | Ind. Visit | NA | ✓ | ✓ | ✓ | — | ✓ |
| 4 | Mr. S. V. Muskute | PE / ED | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | ✓ | ✓ | ✓ | PPT | Ind. Visit | ✓ / ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 5 | Mr. M. S. Patidar | MCM / AEEE | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | ✓ / ✓ | Chalk board / ✓ | ✓ | ✓ | — | — | ✓ / ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 6 | Mrs. P. D. Nakhate | SSD / EEC | ✓ / ✓ | ✓ / ✓ | ✓ / — | ✓ / ✓ | Vichar Vidhi | ✓ | NA | Teach / MCQ | PPTs / MCQ | ✓ / NA | NA / ✓ | ✓ / o | ✓ | — | ✓ |
| 7 | Mr. A. P. Banjoge | TM EE | ✓ | ✓ | ✓ | L | Chalk board / experiment | ✓ | ✓ | PPT | Physical component ass. observn | ✓ | — | ✓ | ✓ | — | ✓ |
| 8 | Mrs. A. A. Type | EEC / ADC | ✓ | ✓ | ✓ | ✓ | PPTs / Vidhi | ✓ | NA | GC PPt NPTEL | Extra Info Env. Ind visit | new PPT / ✓ | ✓ / NA | ✓ | ✓ | staff diary need to be updated | ✓ |
| 9 | Mrs. V. P. Kamble | PSP / RE | ✓ / ✓ | ✓ | ✓ | ✓ | PPTs / File | ✓ | ✓ | NPTEL | Ind. Visit | L / L | ✓ | ✓ | ✓ | check file of RE | ✓ |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:   1. Sign of HOD          2. Sign of IQAC Member

Scanned with CamScanner

# P. E. S. College of Engineering, Aurangabad
## Internal Acadamic Monitoring

Date: _____

Name of Department: _____

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books / Text Book | Notes | Teaching Aids | University Question Bank with Solutions | University Question Paper With Solution | Use of ICT/ER P for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | Miss I R Kadri | MCA CM | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ | Teach Class | ✓ | ✓ | EML Class | Ind Visit | ✓ | ✓ | Not Sign | ✓ | | ✓ |
| 11 | Mr A S Pande | EMD C-S | ✓ | ✓ | ✓ | ✓ | | | NA | Ppt PPt | Ind Visit | NA | NA | Not | | | |
| 12 | Mr V K Reddiny | PSA HVE | ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | — | — | ✓ | | ✓ | ✓ | Personal file | |
| 13 | Mr H M Baksav | PE HVL | ✓ ✓ | ✓ | ✓ | ✓ | PPt | | ✓ | PPt Ind Sign | ✓ | ✓ | ✓ | ✓ | ✓ | Personal | |
| 14 | Mr B Kunal Kumar | PE PLM | ✓ ✓ | ✓ | ✓ | ✓ | PPT | ✓ | ✓ | PPt | Ind visit | ✓ | ✓ | ✓ | ✓ | — | |
| 15 | Mr Md Irshad Waheed | ODE ECA | ✓ | ✓ | ✓ | ✓ | | NA | NA | PPT | Model making | NA | NA | ✓ | ✓ | | |
| 16 | Mr K B Gawali | EM MCA | ✓ ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ EC | Ind Visit | ✓ | ✓ | ✓ | ✓ | Personal file | |
| 17 | Mr V W Noye | PE | ✓ | ✓ | ✓ | ✓ | PPt | ✓ | ✓ | GL | Ind visit | ✓ | ✓ | ✓ | ✓ | Staff Diary | |
| 18 | Miss A H Yadav | THEE EJT | ✓ | ✓ | ✓ | ✓ | ✓ | NA | ✓ | PPt | Ind Visit | NA | NA | ✓ | ✓ | Staff Diary | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:   1. Sign of HOD          2. Sign of IQAC Member

# P. E. S. College of Engineering, Aurangaba
## Internal Acadamic Monitoring

Name of Department:                                                Date: 11 /01/19

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books / Text Book | Notes | Teaching Aids | Universi c Question n Bank with Solution | University Question e Paper With Solutions | Use of ICT/ER P for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | Mr A V Gadesir | MSE | ✓ | ✓ | ✓ | ✓ | Video | ✓ | ✓ | Photo n Fee | Reference | ✓ | ✓ | ✓ | ✓ | complete report | |
| 20 | Mr N D Kakde | TMCE | ✓ | ✓ | ✓ | ✓ | ppt video | ✓ | ✓ | 5th CC | Ind visit | ✓ | ✓ | ✓ | ✓ | personal file | |
| 21 | Mr R V Magar | HMI CCM | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | Video Chalk board | ✓ ✓ | ✓ ✓ | Video Video redo | Videos | ✓ ✓ | | ✓ | ✓ | Result Personal file Staff diary | |
| 22 | Mr P P Fulzele | ESPD | ✓ | ✓ | ✓ | ✓ | Chalk ppt Video | ✓ | ✓ | Chalk WPSS | Seminar Workshop | ✓ | ✓ | ✓ | ✓ | Organize Personal file | |
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Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc.

Checked By:    1. Sign of HOD    2. Sign of IQAC Member

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: **A S**       Name of the staff member:       Date: 01/01/2019   Class:

Subject :

| | Teaching Plan | Ref. Books / Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Personal File | Staff Diary | Sign |
|---|---|---|---|---|---|---|---|---|---|---|
| Prof. Kotule | ✓ | ✓ | ✓ | Black board chalk | — | — | ✓ | ✓ | ✓ | |
| Prof. C. Chidam | ✓ | ✓ | ✓ | — " — | ✓ | — | ✓ | ✓ | ✓ | |
| Prof. S. R. Adepale | ✓ | ✓ | ✓ | — " — | ✓ | — | ✓ | ✓ | ✓ | |
| Prof. S. V. Mule | ✓ | ✓ | ✓ | — " — | — | — | ✓ | ✓ | ✓ | |
| Prof. Prayaga | ✓ | ✓ | ✓ | — " — | — | — | ✓ | ✓ | ✓ | |
| Prof. Wadate | ✓ | ✓ | ✓ | — " — | — | — | ✓ | ✓ | ✓ | |
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Checked By:   1. Signed (H.O.D)                    2. Signed staff Member

# P. E. S College of Engineering, Aurangabad
## Internal Academic Monitoring by IQAC

**Name of Department:** CSE

**Date:** 01/02/2019

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr S. N. Kakarwal | PR MTech | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Expert Lect | ✓ | ✓ | ✓ | ✓ | | Srkakarwal |
| 2 | V. A. Lasasuar | MOC MTech | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Presenta tions | ✓ | ✓ | ✓ | ✓ | | Warse |
| 3 | M. M. Ambedkar | OS ST | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Case Studies | ✓ | ✓ | ✓ | ✓ | | Warse |
| 4 | V. B. Kamble | Compt ACJA | — | ✓ | ✓ | ✓ | ✓ | ✓ | — | Assignm nts | ✓ | ✓ | ✓ | ✓ | | RBk |
| 5 | S. B. Pingle | AI D.S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | w/s Tech visit | ✓ | ✓ | ✓ | ✓ | | LP |
| 6 | Y. S. Pagar | CSSL SL II | ✓ | ✓ | ✓ | ✓ | NPTEL ✓ | ✓ | ✓ | Poster Presenta | ✓ | ✓ | ✓ | ✓ | | YP |
| 7 | V. R. Mote | SA SSPD | ✓ | ✓ | ✓ | ✓ | NPTEL | ✓ | ✓ | Activity | ✓ | ✓ | ✓ | ✓ | | Mote |
| 8 | V. D. Jadhav | DAA DS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Activity | ✓ | ✓ | ✓ | ✓ | | Jadhav |
| 9 | D. T. Rathod | N.S. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Expert Lect | ✓ | ✓ | ✓ | ✓ | | Rathod |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By: 1. Sign of HOD          2. Sign of IQAC Member

# P. E. S. College of Engineering, Aurangabad
## Internal Academic Monitoring by IQAC

Name of Department: CSE

Date: 01/02/2019

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | K. R. Dabhade | SS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | | |
| 11 | N. Syed | STGA SE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Extra load. | ✓ | ✓ | ✓ | ✓ | | |
| 12 | N. R. Khatri | DAA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Guet let. & DS | ✓ | ✓ | ✓ | ✓ | | |
| 13 | S. M. Satre | MAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Entes lect % CC | ✓ | ✓ | ✓ | ✓ | | |
| 14 | B. M. Kulkarni | AJ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Extra lect & HTML | ✓ | ✓ | ✓ | ✓ | | |
| 15 | K. H. Jadhav | SC 30r | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | | |
| 16 | G. R. Gaud | OS CS | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ NA | ✓ ✓ | — | ✓ NA | ✓ NA | ✓ | ✓ | | |
| 17 | B. N. Jha | CPC | ✓ | ✓ | ✓ | ✓ Chalk Board | ✓ | — | . | ✓ | ✓ | ✓ | ✓ | | |
| 18 | Gayale Bafal | COPS SBL II | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ NA | ✓ ✓ | Expert lect | ✓ ✓ | ✓ NA | ✓ | ✓ | | |

Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By: 1. Sign of HOD          2. Sign of IQAC Member

# P. E. ● College of Engineering, ●urangabad
## Internal Academic Monitoring by IQAC

Name of Department: CSE

Date: 04/02/2019

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | A S. Gadoau | SP | ✓ | ✓ | ✓ | ✓ | | | | | | NA | ✓ | ✓ | | |
| | | PDE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | – | NA | NA | | | | |
| 20 | A ~ Jailav | R | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | NA | NP | ✓ | ✓ | | |
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Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:1. Sign of HOD          2. Sign of IQAC Member

# P. S. College of Engineering, Aurangabad
## Internal Acadamic Monitoring (IQAC)

Name of Department: _____     Date: _____

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | University Question Bank with Solutions | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr R M Sawant | E.M. / C.S. | Yes / No | Yes / Yes | Nelson Ramanth Aca. Physics | Yes / Yes | Consulting users, PPT Module | Yes | Yes | Yes / Yes | Chalk board, demonstration, field visit | Yes / Yes | | Yes / Yes | Yes / Yes | is enforced |
| 2 | Dr. D.N. Kakade | M.O.S | yes No | yes | yes | yes | ppt use | yes | yes | yes | Nil. | N.A. | yes | yes | yes | Mapping of POs → cos yet to be done |
| 3 | C.R. Grushinge | Engg. Geology | yet to be done | yes | yes | yes | Rock Sample | yes | yes | — | noted nothing | yes | yes No | yes | yes | mapping needs to be done |
| 4 | Miss P.D. Alte | B.M.E Engg. / B.P.D. | —Do— / —Do— | yes / yes | yes / yes | yes / yes | NPTL videos / —n— | yes / yes | yes / yes | yes / yes | —n— / —n— | yes / yes | yes / yes | yes / yes | yes / yes | —n— / —n— |
| | | B.C.M.E | —Do— | yes | yes | yes | —n— | yes | yes | yes | —n— | Nil | yes | yes | yes | —n— |
| 5 | Mrs S.S. Rathina | WRE-II / Hyd-I | Not Done | yes / yes | yes / yes | yes / yes | ppts / ppts | yes / yes | yes / yes | No / No | —Nil— | Nil- / yes | yes / yes | yes / yes | yes / yes | mapping to be done / —n— |
| 6 | Sayed shoeb Ilyas | FOS-II / DOS-III | Not Done | yes / yes | yes / yes | yes / yes | Sample / Sample | yes / yes | yes / yes | yes / yes | industry visit / —n— | N.A / N.A | yes / yes | yes / yes | yes / yes | mapping is to be done |
| 7 | Mrs. S.S. Dhule | Highway Engg. / Foundation Engg. | Not done | yes / yes | yes / yes | yes / yes | Nil. / | yes / yes | yes / yes | yes / yes | During lecture explained | yes / N.A | yes / yes | yes / yes | yes / yes | mapping is to be done |
| 8 | R.D. Pandit | Engg mech / DOS-I / Prec conc | Not done / —n— / —n— | yes / yes / yes | yes / yes / yes | yes / yes / yes | yes ppt / yes / ppt | yes / yes / yes | yes / yes / yes | No / No / No | Nil / nil / nil | yes / N.A / N.A | yes / No / yes | yes / yes / yes | yes / yes / yes | mapping is to be done / —n— / —n— |

Note: * For bridging the gap one can conduct seminar/workshop/Industry visit etc

Checked By:     1. Sign of HOD          2. Sign of IQAC

# P. E. College of Engineering, Aurangabad
## Internal Acadamic Monitoring (IQAC)

me of Department:

Date:

| Sr. No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Unitwise Question Bank with Solutions | University Question Paper With Solutions | Use of ICT/E RP for sharing Notes | Any other (like Bridging Gap etc.) * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2) | S-S-Razui | Sat-1 Elective T-P | not done | yes yes | yes yes | yes yes | ppt ppt | yes yes | yes yes | No NO | Taken in lecture — " — | yes N.A. | yes yes | yes yes | yes yes | mapping of POs and COs is not done | |
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Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:   1. Sign of HOD          2. Sign of IQAC Member

**Name of Department:** _____

**Date:** _____

| Sr. No. | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | R/C Books /Text Bank | Notes | Teaching Aids | Assessment & Question Paper with Solution | Use of ICT/ERP for drawing Notes | Any other Doc Bridging Gap etc.? | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Techno. state | ✓ | ✓ | | ✓ | | |
| | | | ✓ | ✓ | ✓ | ✓ | | | ✓ | | ✓ | | | ✓ | | |
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| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | ✓ | | |
| | | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |

# Internal Academic Monitoring by IQAC

Name of Department: _____     Date: 1/2/2019

| Sr. No. | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books /Text Book | Notes | Teaching Aids | Universal Question Paper With Solution | Use of ICT/EKP for sharing Notes | Any other like Bridging Gap etc.* | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
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Note: * For bridging the gap one can conduct seminar/workshop/ industry visit etc

Checked By: 1. Sign of HOD          2. Sign of IQAC Member

# P. E. S. College of Engineering, Aurangabad
## Internal Academic Monitoring by IQAC

Name of Department: Mech

Date: _____

| Sr No | Name of Staff | Subject | Mapping of POs with COs | Teaching Plan | Ref Books / Text Book | Notes | Teaching Aids | Universal Question Paper With Solutions | Use of ICT/ERP file sharing Notes | Any other like Bridging Gap etc. * | Lab Manual | Previous Year Result Analysis | Personal File | Staff Diary | Remark | Sign |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | ✓ | ✓ | | ✓ | | ✓ | ✓ | | | | ✓ | ✓ | | |
| 2 | | | ✓ | ✓ | | ✓ | | ✓ | | | | | ✓ | ✓ | | |
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Note: * For bridging the gap one can conduct seminar/workshop/ Industry visit etc

Checked By:1. Sign of HOD          2. Sign of IQAC Member

NAAC Reaccredited with 'A' Grade

# DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD

## शैक्षणिक मुल्यांकन समिती
## Academic Audit Committee

महाराष्ट्र सार्वजनीक विद्यापीठ अधिनियम २०१६ कलम ११७

# Certificate Of Academic Audit

The Executive Academic Audit Committee of
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad on the
recommendation of the duly appointed
Academic Audit committee is pleased to declare that
People's Education Society's [Mumbai], P.E.S College of Engineering, Aurangabad
has secured 268 marks
with 'A' grade,
valid up to only 15-03-2022

Date : 29-5-19

Pro-Vice-Chancellor,
Chairman

PES/OE/IQAC/2019-20/03

Date : 16/09/2019

With reference to the notice on 02/09/2019, the detailed program for the internal academic audit is mentioned below. All the HODs are requested to inform all faculty members of your department to keep ready the duly filled Academic Audit form (hard copy) along with the related documents at the time of visit.

| Sr. No. | Department | Date | Day | Time |
|---|---|---|---|---|
| 1 | Mechanical | 19/09/2019 | Thursday | 10:45 onwards |
| 2 | Electrical Electronics & Power | 20/09/2019 | Friday | 10:45 onwards |
| 3 | Electronics | 21/09/2019 | Saturday | 10:45 onwards |
| 4 | Applied Science | 21/09/2019 | Saturday | 10:45 onwards |
| 5 | Computer Science & Engineering | 23/09/2019 | Monday | 10:45 onwards |
| 6 | Civil | 24/09/2019 | Tuesday | 10:45 onwards |

Prof. Ms V.A. Losarwar
IQAC Co-ordinator

Dr. A.P. Wadekar
Principal

CC to

1. Head, Mech
2. Head, EEP
3. Head, EC
4. Head, Civil
5. Head, CSE
6. Head, AS

Name of Department: C S E

Course File Check List

Date: 23/09/19

| Name of Staff | Class/Subject | Teaching Plan | Notes/Text Book | Notes | Teaching Aids | Univ. Question Notes | Univ. Lab Manuals | Any other (like Question Cog etc.) | Lab Mss |
|---|---|---|---|---|---|---|---|---|---|
| 1. Dr. S. N. Katiyal | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ Manual |
| 2. V. A. Lasarovar | TY(A)DBS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Solution |
| 3. Mm Amberav | SY BTech, SCAO, 2 Python, 2 TBC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 4. S.S. Pingle | 2S CPC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 5. Ms V. D. Jadlav | TY MLA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 6. Y.S. Pign | TY(a) DBS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 7. V. R. Male | T.Y BC | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | |
| 8. D.T. Rathod | BE(CSE) YTI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 9. G. R. hand | TY(A) CU | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 10. Dr V. B. Kamble | BE DMBW, SY DS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 11. S M Salve | BE, TY, SY, HTML, HR, CC, DBS | ✓✓ | ✓✓ | ✓ | ✓ | ✓✓ | ✓ | ✓ | |

Checked by:

Manual @c-eng ...

Signature ...

P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: CSE

Date: 23/09/19

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| Shaikh N.R. | BE DWMD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Syed Neha S | TY(B)N | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| R Deshate | TY/OCL | ✓ | ✓ | ✓ | ✓ | | | | |
| K.V. Jadhav | 4YBM +T ELE | ✓ | ✓ | pu | ✓ | ✓ | ✓ | | |
| S.V. Bhosale | SY DS+HTML | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| B.m kulkarni | SY om | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| A V Jadhav | TE CPE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
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Checked By:                    Sign of HOD                    Sign of IQAC Member

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Mech

Date: 19/05/19

| Name of Staff | Class/Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 8. Y. S. Sable | TE-B mse min(1) | ✓ | ✓ | ✓ | Absolute Group NPTEL Video | In class NPTEL video | Visual/Thought session on video | ✓ | ✓ |
| | PE-A CA (A) | | ✓ | | | | | | |
| | PE-A BME (11) | | ✓ | | | | | | |
| 9. V. P. Barhavat | TE-A mse (SE-A mid) | ✓ | ✓ | ✓ | Chalk & board NPTEL Video colour chalk | video, ppt posters | montage teaching | — | ✓ |
| | SE (K)-mid | | | | | | | | |
| 10. A. A. Gawande | TE-B App S-I A mid | ✓ | ✓ | ✓ | PPTS video | PPTS video | e-learning video ppt | ✓ | ✓ |
| 11. S. S. Khedle | BE-B mse SE-B mse | ✓ | ✓ | ✓ | NPTEL ppt | ppt | Industry visit | ✓ | ✓ |
| 12. Mohd Tauq Ilahque | BE-B, ICE | ✓ | ✓ | ✓ | NPTEL PPT class round | PPT | Industrial visit | ✓ | ✓ |
| 13. R. C. Tavdaskar | 1. FNTC | ✓ | ✓ | ✓ | video chalk & board | PPT | Industry visit | ✓ | ✓ |
| | 2. OEK | — | | | | | | | |
| 14. F. M. Ali | HT-BE-B | ✓ | ✓ | ✓ | NPTEL PPT chalk board | PPT | Industrial visit / Guest lecture | ✓ | ✓ |
| | BME-CCA | | | | | | | | |

Checked By:   1. Sign of HOD                Sign of Director        Sign of IQAC Member

People's Education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad

## Course File Check List
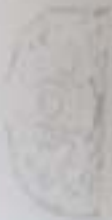
Name of Department: Mech

Date: 19/09/19

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1. G. G. Naik | T.C. E&T | ✓ | ✓ | ✓ | Class room, Lab room, video | ✓ | 3 duplicate voi | ✓ | |
| | HT | ✓ | ✓ | ✓ | video | ✓ | NPTL course sheet lecture | ✓ | |
| 2. R L Pandit | HES CIBC | ✓ | ✓ | ✓ | Videos, All types Engomenh Experimental | ✓ | Visio 2 running Quiz taken | ✓ | |
| | MELISO | ✓ | ✓ | ✓ | | ✓ | | N A | |
| 3. Dr M M Dhobe | | | | | | | | | |
| 4. H R Ghao | 1) A.C. SCB.E) | ✓ | ✓ | ✓ | Video, PPT, Learn, NPTL | ✓ | Industrial Vist front lister | ✓ | |
| | 2) BHK (SM) | ✓ | ✓ | — | Video | — | — | ✓ | |
| | 3) ATD (TY) | N D | — | — | Videos, PPT | ✓ | — | ✓ | |
| 5. Mr. Aan | | ✓ | | ✓ | No IETSA | ✓ | scntent will | ✓ | |
| 6. S.S.Shind | 1) Fm (SE) | ✓ | ✓ | ✓ | Animation PPT, NPTL | ✓ | Industrial will 1 | ✓ | |
| | 2) Fm (SE) | ✓ | ✓ | ✓ | Animation PPT NPTL Autocad | ✓ | 3 no test vol 1 | ✓ | |
| 7. R L Shirat | Dm D (SE) | ✓ | ✓ | 1 | PPT content | ✓ | CAD course | ✓ | |

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: Mech     Date: 19/09/19

| Name of Staff | Class/Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 15) A.M. Kawalkar | ACS | ✓ | ✓ | ✓ | chalk sc PPTs | | | ✓ | |
| 16) N.D. Tadtwad | Tom-II | ✓ | ✓ | ✓ | chalk sc PPTs | | | ✓ | |
|  | Som | ✓ | ✓ | ✓ | chalk & PPT etc | | | | |
|  | 2 Tom-II | | | | | | | | |
| 17) Rahmi A.A | DE/PPC | ✓ | ✓ | ✓ | chalk chum ppt +sim | | | ✓ | |
| 18) Dr R.G. Pungle | SE-MM | ✓ | ✓ | ✓ | Think Read PPT/video | | | ✓ | |
| 19) V.D Bhejwal | IE-HE ECM | ✓ | ✓ | ✓ | chalkboard ppt | | | | |
| 20) V.Y. Thote | AE/CTE | ✓ | ✓ | ✓ | chalkboard videos | | | | |
| 21) A.R. Narwade | material sc/adnimech ECM | ✓ | ✓ | ✓ | chalkboard videos | | | ✓ | |

Checked By:    1. Sign of HOD     2. Sign of IQAC Member

P. E. S. College of Engineering, Aurangabad

Course File Check List

Name of Department: CS        Date: 21/09/19

| Name of Staff | Class Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/PPT for sharing Notes | Any other (like Weblinks (App etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1. Sumith Fatnak | SY-CoII EnII | ✓ | ✓ | ✓ | Blackboard | | | NP | ✓ |
| | SY-Med & Engg | ✓ | ✓ | ✓ | chalk, single, Class deary | ✓ | | | |
| | SY prod-EmII | ✓ | ✓ | ✓ | | | | | |
| 2. S. R. Athawge | SY-EE-A SY-EE-B EmII SY-Mech-B | ✓ | ✓ | ✓ | chalk board | — | — | — | ✓ SL |
| 3. C. D. kamble | SY-CID SY-STC | ✓ ✓ | ✓ ✓ | ✓ ✓ | chairs board | ✓ | — | NA | ✓ |
| 4. | FF-A | ✓ | ✓ | ✓ | Chalk board Video ch | | flvatinal linss | | 2L |
| 5. D. A woletak | FYC, B | ✓ | ✓ | ✓ | chalk board | — | — | — | ✓ |

P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: EEP  Date: 20/09/19

| Name of Staff | Class/Subject | Teaching Plan | Ref. Books/Text Book | Notes | Teaching Aids | Use of ICT/E/RP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dr R N chowdhary | BE / PSP | ✓ | ✓ | ✓ | ✓ | — | G.D | ✓ | |
| 2 Prof S.S Kamble | BE / PACES | ✓ | ✓ | ✓ | ✓ | * | G.D | ✓ | |
| 2 Prof I A Kadri | TE / notes | ✓ | ✓ | ✓ | Google Classroom | ✓ | — | ✓ | |
| | SE / EEM | ✓ | ✓ | ✓ | | ✓ | — | — | |
| 4 A. Kamble | EE Math APE | — | ✓ | — | — | — | — | ✓ | |
| 4 V. P Kamble | MEG / PS-II | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
| 5 A.S. Park | B.E (DSP) | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | |
| | TE (TWEE) | ✓ | ✓ | ✓ | — | — | — | — | |
| | m/electronics | — | — | ✓ | — | — | — | — | |
| 6 P. P. Fulzele | TE (PPE) | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | |
| | SY EE (Ce) | — | — | ✓ | ✓ · lab. | ✓ | — | ✓ | |
| 7 A M. Rekvao | Mech (Cs) | ✓ | ✓ | ✓ | — | — | — | ✓ | |
| | SY EE) APE | ✓ | ✓ | ✓ | ✓ | — | GPS | ✓ | |
| | (SY EE) APE | | | | | | | Text + Studenttion cert type padd 4 | |
| | E (VCP) | | | | | | | | |

Checked by:      Sign of HOD      Sign of IQAC Member



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# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: E F R

Date: 28/09/19

| Name of Staff | Class/ Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Use of ICT/ERP for sharing Notes | Any other (like Bridging Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 5 Vijoy Kr. Pegdeling | BA (EE-3) | Yes | Yes | Yes | | Yes | – | Yes | |
| 9 V. W. Nage | NA (SE-3) → Yes | ✓ | ✓ | ✓ | Kyan/gat | ✓ | | – | |
| 10 A. H. Yadav | BE ... | ✓ | ✓ | ✓ | NPTEL | ✓ | – | ✓ | |
| 11 M. A. Tupe | DSP BE (A) | ✓ | ✓ | ✓ | NPTEL | ✓ | | ✓ | |
| 12 N. D. Kalde | VEHRUP | ✓ | ✓ | ✓ | vedics | | | Yes | |
| 13 K. U. Play | S-E-M - E.E SIP - BE MTech - RE | ✓ | ✓ | ✓✓✓ | | ✓ | – | – | |
| 14 K. B. Ganzale | | ✓ | ✓ | ✓ | NPTEL | ✓ | – | ✓ | |
| 15 M. I. Waheed | BE (M-T) | ✓ | ✓ | ✓ | ✓ | ✓ | – | Yes | |
| 16 Praven Kumar Kum | RE ... | ✓ | ✓ | ✓ | NPTEL | ✓ | – | ✓ | |
| 17 D. D. Mohit | SE-A TVA | ✓ | ✓ | ✓ | – | – | – | ✓ | |
| 18 S. M. Katkam | FY B | ✓ | ✓ | ✓ | NPTEL | – | – | | |
| 19 S. V. Mustade | BE | ✓ | ✓ | ✓ | NPTEL | Yes | – | Yes | |
| 20 M. S. Patday | TE | ✓ | ✓ | ✓ | NPTEL | Yes | – | Yes | |

Checked By:                    1. Sign of HOD                    2. Sign of IQAC Member

Deogiri Education Society's (Mumbai)

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Date: 24/09/19

Name of Department: (P.²)

| Name of Staff | Class/ Subject | Teaching Plan | Ref Books /Text Book | Notes | Teaching Aids | Use of ICT/FRP for sharing Notes | Any other (like Bridge/ne Gap etc) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 03 R.D Pandit | Tg civil BS-3 | ✓ | ✓ | ✓ | ✓ | – | 2yer /crmus | yes | fed. |
| | Becivil PU | ✓ | ✓ | ✓ | ✓ | | 2ger vsi-1 | yes | ✓ |

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: **Civil**

Date: **24/09/2019**

| Name of Staff | Class/Subject | Teaching Plan | Ref. Books /Text Book | Notes | Teaching Aids | Used ICT/PPT for teaching Notes | Any other (like Bridging Gap etc) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| ① Prof. C. R. Chudley | y – Hydrabad BE Env... | | ✓ | ✓ | Tet form prep test view | to be given | Reference File | Prepared | ⟨sign⟩ |
| ② Dr. R.M. Sangal | FT-Tim | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ⟨sign⟩ |
| ③ Prof. P. D. Aire | BE-TE-EE | ✓ | ✓ | ✓ | ✓ | ✓ | Visit Finaly | | ⟨sign⟩ |
| ④ Dr. D. N. Kakde | SI Ms Sha | ✓ | ✓ | ✓ | ✓ | ✓ | | | ⟨sign⟩ |
| ⑤ Prof. J. R. Gaikwad | y-Softwr TE-CE E-msc | ✓ | ✓ | ✓ | ✓ | ✓ | Field visits Report Sign | Report | ⟨sign⟩ |
| ⑥ Prof. Sayed Shak | BE-Envt SE-Graphics | ✓ | ✓ | ✓ | ✓ | ✓ | Fied visit Signd | Physical Sign | ⟨sign⟩ |
| ⑦ Prof. S. B. Dhule | BE - EE TE - TUE | ✓ | ✓ | ✓ | ✓ | ✓ | | | ⟨sign⟩ |
| ⑧ Prof. M. N. Ahmed | BE - Constn Engg. Management TE - Testing SE - Surveying - II | ✓ | ✓ | ✓ | ✓ | ✓ | Mid | Prepared Testing | ⟨sign⟩ |

Checked By: ⟨sign⟩          ⟨sign⟩ Warang Vice

# P. E. S. College of Engineering, Aurangabad

## Course File Check List

Name of Department: E&TC

Date: 21/09/19

| Name of Staff | Class/ Subject | Teaching Plan | Ref Books/ Text Book | Notes | Teaching Aids | Two of lecture for Manual Notes | Any other title Bridging (Gap etc.) | Lab Manual | Sign |
|---|---|---|---|---|---|---|---|---|---|
| 1. V. R. Kshirsagar | 1 CA | ✓ | ✓ | ✓ | Chalkboard PPT, NPTEL | NPTEL | | | ✓ |
| | 2 EDC | ✓ | ✓ | ✓ | (chalkboard) | NPTEL | | ✓ | ✓ |
| 2. Kharat A.P | 1 VLSID | ✓ | ✓ | ✓ | NPTEL | | | ✓ | ✓ |
| 3 zine J-P | 2 A) N-A | ✓ | ✓ | ✓ | PPT, chalkboard NPTEL | | | ✓ | ✓ |
| | B) A.S CSE | ✓ | ✓ | ✓ | | | | | |
| 4 Nikam Karambhkar | BE DIP TS GMPY | ✓ | | | Content vieeco | NPTEL | | ✓ | |
| 5. Q. V. K. Kadam | SE RTE EDC & OP | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| 6. S.S. Kanadgha | SE-BHE | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | BE-Zshac SE EC-DLD S CSE-DSMD | ✓ | ✓ | ✓ | Beardchalk PPT gizmo | NPTEL | model, marks midpoint | ✓ | |
| 7 P K Ghuge | FY-A,B,C E-M-Z | ✓ | ✓ | ✓ | Chalk Board | NPTEL | | | |
| 8. S.C. Kathar | BE MFE | ✓ | ✓ | ✓ | Chalk board | NPTEL | | | |
| 9. V. V. Kurkarni | BE ACS Em | ✓ | ✓ | ✓ | chalkboard | NPTEL | | ✓ | |
| 10 M. R. Rajput | TE MLAP | ✓ | ✓ | ✓ | | | | ✓ | |

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Engineering Colleges
### Format for submission of Academic Advisors Report (AAR)

| S.No | Zone | District | Name of the College .place | Item | Grade * | Impression |
|------|------|----------|----------------------------|------|---------|------------|
| 1 | | | | Conduct of Classes | A | Good |
| 2 | | | | Co-Curricular Activities & Extra Curricular Activities | A | Good |
| 3 | | | | College Activity Register | B | Satisfactory |
| 4 | | | | Departmental Activity Registers | B | Satisfactory |
| 5 | | | | Discipline in the campus | A | Good |
| 6 | | | | IQAC | A | Good |
| 7 | | | | Placement | B | Satisfactory |
| 8 | | | | Departmental research | A | Good |
| 9 | | | | Career Guidance Cell | B | Satisfactory |
| 10 | | | | SWAYAM facilities | A | Good |
| 11 | WEST | AURANGABAD | P.E.S. College of Engineering, Aurangabad | Library | A | Good |
| 12 | | | | Research & Laboratories | A | Good |
| 13 | | | | Games & Sports | A | Good |
| 14 | | | | Humanities and Foundation Courses | B | Satisfactory |
| 15 | | | | Teacher Evaluation by Students | B | Satisfactory |
| 16 | | | | Maintenance of Registers | B | Satisfactory |
| 17 | | | | Teaching Diaries & Plans | A | Good |
| 18 | | | | NCC / SSS | A | Good |
| 19 | | | | Women Empowerment Cell | A | Good |
| 20 | | | | Professional Clubs | A | Good |
| 21 | | | | Sanitation & drinking water | A | Good |
| 22 | | | | Cleanliness | A | Good |
| 23 | | | | Functioning of Teachers | A | Good |
| 24 | | | | Over All Impression on the College | A | Good |
| 25 | | | | Any Other important Observation | | |

Maintained a very good green campus with spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center, Soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good. The International Relation Cell is activated in the institute in which the Dean IRC takes care of employment of students & higher studies in foreign countries and also the research funds for the students as well as staff.

Signatures of Academic Advisors

Dr. Rajesh Rajde,
Director IQAC,
Dr. Babasaheb Ambedkar
Marathwada University,
Aurangabad

Dr. Santosh Bhosale,
Principal, Maharashtra
Institute of Technology,
Aurangabad

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Degree Colleges
### Format-I (Institutional Data)

**Centre/SubCentre :**                                               **District :**

| | I-COLLEGE PROFILE | | | |
|---|---|---|---|---|
| 1 | Name of the College, Website, email and Ph.No. | Name : P.E.S. College of Engineering, Aurangabad.   Website : www.pescoe.ac.in       Phone no - 0240-2403001, 2403019 | | |
| 2 | Name of the Principal, email & Mob.No | Name : Dr. Abhijeet P. Wadekar          email - principal@pescoe.ac.in Mob.No. : 9422293400 | | |
| 3 | Name of the Dean Academics, email & Mob. No. | Name : Prof. S.S. Khedgikar          email - sushantssk@rediffmail.com Mobile No. : 7499095947 | | |
| 4 | Name of the IQAC Coordinator, email & Mob. No. | Name : Dr. Siddharth K. Undirwade Email : iqac_coordinator@pescoe.ac.in Mobile No : 7773940032 | | |
| 5 | Year of Establishment & own land if any | 1994                              Own land | | |
| 6 | NBA accreditation of courses | NIL | | |
| 7 | NAAC Grade with  Cycle, Accredited Year & CGPA ( Status of preparation if not Accredited) | NAAC Grade : B+ 1st Cycle Year of  Accreditation : March 28,2017 CGPA : 2.56 | | |
| 8 | UGC Recognition (2F & 12 B) | Recognized Under section 2(f) & 12 (B) of the UGC Act, 1956, Vide letter no. F. No. 8-28/2020 (CPP-I/C) Dated 27 October 2020. | | |
| 9 | College Working Hours( if shift system mention details of both shifts & give reasons for shift system) | 10:30 am   to   5:30 pm | | |
| 10 | No. of Posts Sanctioned:93 | Regular Faculty Working:  30 | Contract Faculty Working: 63 | Visiting Faculty: NIL |
| 11 | Course Wise & year Wise Students strength particulars     ( Proforma enclosed ) | Made available as per proforma. Total student Strength UG- 1299 and PG- 85 | | |

## II-CURRICULAR ASPECTS

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 12 | Implementation of Annual Institutional Plan | Annual Institutional Plan is prepared and followed, kept on record. | A | Good |
| 13 | Departmental Annual Curricular Plans | As per university academic plan, institutional and departmental academic calendars are prepared and implemented. Verified the documents. | A | Good |
| 14 | Whether the above two circulated among Students? | Displayed on the central and departmental notice boards and also uploaded on the website. | A | Good |
| 15 | College Activity Register during the academic year | Details are verified and kept on the record | B | Satisfactory |
| 16 | College Calendar/College Magazine | Magazines and brochures are available, and uploaded on the website. | A | Good |
| 17 | Add-on Courses (Department-wise) completed during previous year | All records and details are available. | A | Good |
| 18 | Add-on Courses (Department-wise) during current academic year | All records and details are available. | A | Good |
| 19 | Coverage of Syllabus (Average Percentage) | Allmost 90% Syllabus has been covered and has been put on the record | A | Good |
| 20 | Teaching of Humanities & Foundation Courses | Teaching on human values performed, completion details and special methodologies are available. | A | Good |
| 21 | No. of New UG & PG Courses introduced this year: | Nil | -- | |
| 22 | Maintenance of Student Attendance Registers | Student attendeance registers are well maintained along with online attendance records are verified. | A | Good |

## III-TEACHING, LEARNING & EVALUATION

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 23 | Teaching Diaries & Teaching Plans in Prescribed Formats | All the formats and documents are verified and kept on record. | A | Good |
| 24 | Co-Curricular Activities ( College level ) | Documents of all co-curricular activities are available, verified and kept on record | B | Satisfactory |
| 25 | Academic Competitions ( College Level & Above) | Online quizzes for the students and the staff were arranged and data has been made available. | A | Good |
| 26 | Conduct of Internal Examinations-Unit, Half-Yearly and Prefinal | Internal Examinations are regularly conducted. Along with Periodic tests, MCQs. Proofs of all records are maintained. | A | Good |
| 27 | Subject wise result analysis | Subject wise result analysis are done regularly and records are mainained. | A | Good |
| 28 | Teacher wise result analysis | Teacher wise result analysis are done regularly and records are mainained. | A | Good |
| 29 | Remedial Classes | The students of the institute were provided the online links for the extra classes as a remedial process towrds their learning some core and difficult subjects. | A | Good |
| 30 | Record of Evaluation of Teachers by Students | We regularly collect feed back from students to evaluate Teachers performance. The analysis and Action taken report is maintained. | B | Satisfactory |

## IV-RESEARCH AND CONSULTANCY

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 31 | Is the College a Recognized Research Centre | Yes | A | Good |
| 32 | No. of Research Guides in the College | 6 | A | All Eligible Teachers shall apply to University |
| 33 | No. of Research Scholars working for Masters & Ph. D | PhD - 12,     Masters - 24 | A | Good |
| 34 | Major/Minor/Other Research Projects | Efforts has been taken by the institute to submit research proposals to DST,MODROBS,AICTE and Industry. The documents of submitting the proposals were kept on record | B | More no. of research proposals to be enhanced. |
| 35 | Research Papers Published in previous academic year (International/ National) | The papers published in conferences and journals are kept on record | A | Good |
| 36 | Papers Presented in previous academic year(International/ National/ State ) | The papers published in conferences and journals are kept on record | A | Good |
| 37 | Books Published in previous Academic year        ( Single Author/ Co Author) | Record is available. | A | Good |
| 38 | Seminars/Workshops/ Training Programme Conducted in previous academic year  (International/ National/ State ) | Various  training programs like webinars, symposiums, workshops, seminars, FDPs, guest lectures, video sessions for staff as well as students are conducted and are kept on record. | A | Good |
| 39 | Record of Consultancy in previous academic year | Consultancy projects worth Rs. 2 lakhs have been undertaken and all the details presented before the committee. | B | Satisfactory |
| 40 | Record of MoUs in  previous academic year | MOU with 30 no of company signed its assessment of outcome kept on records | A | Good |

## V-EXTENSION ACTIVITIES

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 41 | Record of Subject/Department Related Extension Activities | Blood Donation Camp, Tree Plantation Programs, Miyawaki Technology oriented forest etc. activities are conducted and Students clubs for this activities is furmed. Documents of this activities are verified and kept on record. | A | Good |
| 42 | Name of the NSS PO & Mobile No. | Name : Prof M. S. Potdar Mobile No.: 9028582138 | | Good |
| 43 | NSS Attendance register | Available | A | Good |
| 44 | NSS Activity register | Available | A | Good |
| 45 | Name of the NCC ANO & Mobile No. | NA | ---- | ---- |
| 46 | NCC Attendance register | NA | ---- | ---- |
| 47 | NCC activity register | NA | ---- | ---- |
| 48 | Name of the professional Club Coordinator & Mobile No. | List of Professional Clubs and coordinators : 1. Computer Society of India Name : Prof. D.T. Rathod Mobile no. 9158005304 2. Indian Society of Technical Education Name : Dr. R.G. Pungle Mobile No. 94234525533 3. Institute of Engineers Name : Dr. R.G. Pungle Mobile No. 94234525533 4. SAE India Name : Dr. R.G. Pungle Mobile No. 94234525533 | A | Good |
| 49 | Professional Club Activities | Activities of various professional clubs are conducted and kept on record | A | Good |
| 50 | Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No. | Name - Mrs. A. A. Tupe Mobile No- 9422204505 | A | Good |

| | | | | |
|---|---|---|---|---|
| 51 | WEC Activities | 1. Online awareness program regarding the use of sanitary napkin disposal machine organised on 28.10.2020 Participatns : 50<br>2.Celebration of International Womens Day.　　　Total participant: 25<br>3: Webinar on Importance and scope of women cell in educational institutes. organised on 10.03.2020. Gender Equality Promtional program. Participants: 144<br>All the above activities are kept on record | A | Good |
| 52 | Name of the Eco-Club Coordinator & Mobile No. | Prof. S. M. Kulkarni　　　Mobile No- 9422712775 | A | Good |
| 53 | Eco- Club Activities | Orchard plantation is done wherein almost 600 trees are planted in the hostel premises. | A | Good |
| 54 | Name of the Consumer Club Coordinator & Mobile No. | Name - Prof. V. R. Mote<br>Mobile No- 9158005302 | A | Good |
| 55 | Consumer Club Activities | Nil | C | Poor |
| 56 | Any other Club | 1. E-Yantra Club : This is a centralised club for the skill development of the students. The senior faculty members of all the departments organised various activities on robotics skill development of the students of all the branches . Academic projects of the students are completed successfully under this club and internship is provided to the 79 students through this club.　　　　　　　2. Departmental student organizations are actively conducting various programs like social activities and technical activities. | A | Good |

## VI-LEARNING RESOURCES

| 57 | Name of the Librarian & Mob.No | Name :Mr. P. E.Horshil<br>Mob. No :9403637954 | A | Good |
|----|---|---|---|---|
| 58 | Access timings of the Library | 10.30am to 5.30pm<br>(During Exam: 8.30am to 12 Mid Night) | A | Good |
| 59 | Circulation of Books among Students | Yes.  Books are circulated under issue section, reference section and book bank section | A | Good |
| 60 | Availability of Previous years Question papers | Yes. It is available in hard copy and soft copy. | A | Good |
| 61 | Record of Visitors | Yes(Maintained in register). Verified and kept on record. | A | Good |
| 62 | Status of Library Automation | Working<br>(Name of Library automation software : Libman ) | A | Good |
| 63 | e-Lessons & e-Resources/ e-Journals | 1. DELNET<br>2. NDL<br>3. K Hub | A | Good |
| 64 | Usage of Internet  by students in the Library | Yes (Maintained in register) | A | Good |
| 65 | Name of SWAYAM Coordinator & Mob.No | Name - Prof. Y. S. Pagar<br>Mobile No. - 9158005303 | A | Good |
| 66 | Status of SWAYAM facilities functioning | Students and teachers are guided for registration of online courses of SWAYAM. Total 1301 enrollments are there wherin 425 registered for the exams. 330 sandidates successfully completed and passed the examx along with 8 mentors.. | A | Good |
| 67 | Whether SWAYAM schedule is circulated to the students | Schedule of SWAYAM courses is circulated to all departments to display on notice board. Student can also see it online on NPTEL website. | A | Good |
| 68 | Maintenance of SWAYAM  Viewers' Register | Register is maintained well and kept on record | A | Good |

| | | VII-Student Support Activities | | | |
|---|---|---|---|---|---|
| 69 | Name of the Physical/Sports Director & Mob.No | Name : Prof. D. N. Kakde                Mobile No : 9049155005 | A | Good |
| 70 | Record of Physical Education/Sports Department | Because of Covid, the university has not conducted any sports activity. But the previous records show the participation/representation of the students in the sports activities like badminton, football and basketball at the university level. | C | Poor |
| 71 | Records of events conducted | Nil | C | Poor |
| 72 | Records of significant achievements in Sports & Games | Nil | C | Poor |
| 73 | Record of Cultural programmes  conducted | Online activities for the students were conducted like singing, dancing etc. | B | Satisfactory |
| 74 | Record of any other extra-curricular activities conducted | Yes, and has been kept on record | A | Good |
| 75 | Maintenance of Placement Cell facilities & records | Qualified independent placement officer is appointed and supported by each departmental coordinator to enhance the employbility skills of the students on an average package to placed students is Rs7.5 lacks Per Annum       Placement Cell Facilities:<br>1. Two air conditioned Seminar halls equipped with audio system, LCD projectors and internet facility with capacities of 400 and 120 each.<br>2. Two  air conditioned Interview cabins<br>3. One GD room with capacity of group of 15 students.<br>4. GATE tutor portal for all students              5. RPA Blue Prism, AWS, Network Security, (2) Cyber Security: Vulnerability Assessment and Penetration Testing, (3) Security Operations Fundamentals etc.<br>All the above details were kept on record | A | Good |
| 76 | Record of Student trained and placed | The training record as well as students place has been verified and kept on record | B | Satisfactory |

| 77 | Name of Career Guidance Cell Coordinator & Mob.No | Name : Prof. V.V. Kulkarni Mobile No.: 9420809618 | B | Satisfactory |
|---|---|---|---|---|
| 78 | Record of activities Career Guidance | List of Career Guidance activities is attached. | B | Satisfactory |
| 79 | Departmental Review Committee (DRC) Coordinator & Mob. No. | Departmental Review Committees (DRC) are formed in every department consisting of three senior facculties and HOD is the coordinator of concern committee. | B | Satisfactory |
| 80 | Implementation of DRC Action Plan | Activities such as academic planning, implementation, outcome, reviews of the activities are taken frequently. | B | Satisfactory |
| 81 | IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc) | Action Plan : 1. To conduct internal academic audit of faculties. 2. To conduct administrative audit of the institute. 3. To arrange training programs for non teaching staff. 4. To collect feedback forms from all stakeolders. Minutes of Meeting register is maintained. Proof of submission of AQAR to NAAC is attached herewith. Activity Register is maintained. IQAC at institute level as per the norms of NAAC. Committee meet twice in a year. Committee give suggestions for the improvement and were keept on record | A | Good |
| 82 | Record of Support by Alumni Association | Record of Registered Allumni association of institute was made available for observation. As per the record meetting of allumnis are conducted. Allumni contributed by way of Guest lecture, Placement . | A | Good |
| 83 | Record of Grievance Redressal Cell / Anti Ragging cell | Grievance Redressal Cell exists & committee meets twice in a semester. | A | Software recommended by AICTE to be Purchased |
| 84 | Record of Anti Ragging cell | Anti-Ragging Cell exists. Committee Visits hostels frequently and ensures no Ragging takes place in the hostel. Further Committee also spreads awareness amongst students about Maharashtra State Anti-Ragging Act. | A | Good |

| | | VIII-Basic Amenities | | |
|---|---|---|---|---|
| 85 | Maintenance of drinking water | RO system for Drinking water is imstalled and frequent maintenance of related set up is being carried out. | A | Good |
| 86 | Maintenance of sanitation | Regular Maintenance is being carried out and monitored. | A | Good |
| 87 | Rest room for women students | Rest room for women students is available with adequate facilities. | A | Good |
| 88 | Greenery | Well Maintained Green campus. Geen audit is  done. | A | Good |
| 89 | Cleanliness | House keeping contract is given for this purpose. | A | Good |
| 90 | Health Care Facility | Appointment of medical officer is made. | A | Good |
| 91 | Canteen | Canteen contract and mess contract is made. Agreement of this is available. | A | Good |

| | | IX-GOVERNANCE AND LEADERSHIP | | |
|---|---|---|---|---|
| 92 | Management Committee Register | Record is made available. | A | Good |
| 93 | Functioning of Committees in Administration ( Minutes of meetings) | Details are made available.. | A | Good |
| 94 | Awards/Achievements | Record is made available. | A | Good |
| 95 | Faculty development initiatives if any | Faculties are promoted through initiatives taken by the institute for their developments in academic achievements ( higher education), knowledge upgradation (FDP,STTP, Conferences) | A | Good |

## X - IT INITIATIVES

| 96 | E-Class rooms ( Number & Usage) | 11 , Frequently used. | A | Good |
|----|---------------------------------|----------------------|---|------|
| 97 | Internet Centre | We have internet connection with speed 120 MBPS. All computers are having internet connection. | A | Good |
| 98 | Computer labs ( No. of labs & working systems) | Total number of Computers = 429 Total number of Computer labs = 17 | A | Good |

### XI-Best Practices

| 99 | Record of best/ innovative practices by the institution | Record is made available. | A | Good |
|-----|--------------------------------------------------------|---------------------------|---|------|
| 100 | College Activity Register & Hard Copy of AQAR of previous year ( should be available with the Principal) | Record is made available. | A | Good |

Signature of the Dean Academics

Signatures of Academic Advisors

Signature of the Principal

Note: the Format is to be filled by the Principal and submitted to the Academic Audit Team.

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Degree Colleges
### Format for submission of Academic Advisors Report (AAR)

| | I-COLLEGE PROFILE | |
|---|---|---|
| 1 | Name of the College, Website, email and Ph.No. | Name : P.E.S. College of Engineering, Aurangabad.<br>Website : www.pescoe.ac.in    Phone no - 0240-2403001, 2403019 |
| 2 | Name of the Principal, email & Mob.No | Name : Dr. Abhijeet P. Wadekar    email - principal@pescoe.ac.in<br>Mob.No. : 9422293400 |
| 3 | Name of the Dean Academics, email & Mob. No. | Name : Prof. S.S. Khedgikar    email -<br>sushantssk@rediffmail.com    Mobile No. : 7499095947 |
| 4 | Name of the IQAC Coordinator, email & Mob. No. | Name : Dr. Siddharth K. Undirwade<br>Email : iqac_coordinator@pescoe.ac.in<br>Mobile No : 7773940032 |
| 5 | Year of Establishment & own land if any | 1994    Own land |
| 6 | NBA accreditation | NIL |
| 7 | NAAC Grade with Cycle, Accredited Year & CGP(if not Accredited Status of Preparations) | NAAC Grade : B+ 1st Cycle<br>Year of Accreditation : March 28,2017<br>CGPA : 2.56 |
| 8 | UGC Recognition (2F & 12 B) | Recognized Under section 2(f) & 12 (B) of the UGC Act, 1956, Vide letter no. F. No. 8-28/2020 (CPP-I/C) Dated 27 October 2020. |
| 9 | College Working Hours( if shift system mention details of both shifts & give reasons for shift system) | 10:30 am  to  5:30 pm |

| 10 | No. of Posts Sanctioned:93 | Regular Faculty working 30 | Contract Working:  63 | Visiting Faculty Working: Nil |
|---|---|---|---|---|

| 11 | Course wise & Year wise Students strength particulars    ( Proforma enclosed & to be submitted along with AAR) | Made available as per proforma |
|---|---|---|

# II-CURRICULAR ASPECTS

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 1 | Implementation of Annual Institutional Plan | A | Annual Institutional Plan is prepared and followed, kept on record. | Good |
| 2 | Departmental Annual Curricular Plans | A | As per university academic plan, institutional and departmental academic calenders are prepared and implemented. Verified the documents. | Good |
| 3 | College Activity Register for the Academic Year | B | Details are verified and kept on the record | Satisfactory |
| 4 | Departmental Activity Registers ( Dept. Wise) | B | Details are verified and kept on the record | Satisfactory |
| 5 | Add-on Courses (Department-wise) completed during Academic Year | A | All records and details are available. | Good |
| 6 | Add-on Courses (Department-wise) in Academic Year | A | All records and details are available. | Good |
| 7 | Coverage of Syllabus (Average Percentage) | A | Allmost 90% Syllabus has been covered and has been put on the record | Good |
| 8 | Teaching of Humanities & Foundation Courses | B | Teaching on human values performed, completion details and special methodologies are available. | Satisfactory |
| 9 | Teaching of Environmental Science and Ethics | A | All records and details are available. | Good |
| 10 | No. of New UG & PG Courses introduced this year: | --- | Nil | --- |
| 11 | Maintenance of Student Attendance Registers | A | Student attendeance registers are well maintained along with online attendance records are verified. | Good |
| 12 | Feedback forms on Curriculum from students | A | Curriculum feed back from students is taken. Suggested gaps are bridged through activity such as guest lectures , add-on courses, industrial visits, training programs. | Good |

| | III-TEACHING, LEARNING & EVALUATION | | | |
|---|---|---|---|---|
| 1 | Teaching Diaries & Plans in the Prescribed Formats | A | All the formats and documents are verified and kept on record. | Good |
| 2 | Co-Curricular Activities ( College Level) | B | Documents of all co-curricular activities are available, verified and kept on record | Satisfactory |
| 3 | Academic Competitions ( College & Above level) | A | Online quizes for the students and the staff were arranged and data has been made available. | Good |
| 4 | Conduct of Internal Examinations | A | Internal Examinations are regularly conducted. Along with Periodic tests, MCQs. Proofs of all records are maintained. | Good |
| 5 | Subject wise result analysis | A | Subject wise result analysis are done regularly and records are mainained. | Good |
| 6 | Teacher wise result analysis | A | Teacher wise result analysis are done regularly and records are mainained. | Good |
| 7 | Remedial Classes | A | The students of the institute were provided the online links for the extra classes as a remedial process towrds their learning some core and difficult subjects. | Good |
| 8 | Record of Evaluation of Teachers by Students | B | Verified that regular activity of collection of feed back from students to evaluate teacher performance is in practice.Also verified that the analysis and Action taken report is maintained. | Satisfactory |

| | | | IV-RESEARCH AND CONSULTANCY | | |
|---|---|---|---|---|
| 1 | Is the College a Recognized Research Centre | A | Yes | Good |
| 2 | No. of Research Guides in the College | A | 6 | All Eligibal Teachars shall apply to University |
| 3 | No. of Research Scholars working for Masters & Ph. D | A | PhD - 12,     Masters - 24 | Good |
| 4 | Major/Minor/Other Research Projects | B | Efforts has been taken by the institute to submit research proposals to DST,MODROBS,AICTE and Industry. The documents of submitting the proposals were kept on record | More no. of research proposals to be enhanced. |
| 5 | Research Papers Published in Academic year ( International /National ) | A | The papers published in conferences and journals are kept on record | Good |
| 6 | Papers Presented in Academic year ( International /National/ State ) | A | The papers published in conferences and journals are kept on record | Good |
| 7 | Books Published in Academic year (Single Author/ Co Author) | A | Record is available. | Good |
| 8 | Seminars/Workshops/ Training Programme Conducted in Academic year ( International /National/ State ) | A | Various  training programs like webinars, symposiums, workshops, seminars, FDPs, guest lectures, video sessions for staff as well as students are conducted and are kept on record. | Good |
| 9 | Record of Consultancy in Academic year | B | Consultancy projects worth Rs 2 lackh has been  undertaken and all the details presented before the committee. | Satisfactory |
| 10 | Record of MOUs in Academic year | A | MOU with 30 no of company signed its assessment of outcome kept on records | Good |

| | | | | |
|---|---|---|---|---|
| **V-EXTENSION ACTIVITIES** | | | | |
| 1 | Record of Subject/Department Related Extension Activities | A | Blood Donation Camp, Tree Plantation Programs, Miyawaki Technology oriented forest etc. activities are conducted and Students clubs for this activities is furmed. Documents of this activities are verified and kept on record. | Good |
| 2 | Name of the NSS PO & Mobile No. | A | Name : Prof M. S. Potdar Mobile No.: 9028582138 | Good |
| 3 | NSS Attendance register | A | Available | Good |
| 4 | NSS Activity register | A | Available | Good |
| 5 | Name of the NCC ANO & Mobile No. | ---- | NA | ---- |
| 6 | NCC Attendance register | ---- | NA | ---- |
| 7 | NCC activity register | ---- | NA | ---- |
| 8 | Name of the Professional Club Coordinator & Mobile No. | A | List of Professional Clubs and coordinators : 1. Computer Society of India Name : Prof. D.T. Rathod Mobile no. 9158005304 2. Indian Society of Technical Education Name : Dr. R.G. Pungle Mobile No. 94234525533 3. Institute of Engineers Name : Dr. R.G. Pungle Mobile No. 94234525533 4. SAE India Name : Dr. R.G. Pungle Mobile No. 94234525533 | Good |
| 9 | Professional Club Activities | A | Activities of various professional clubs are conducted and kept on record | Good |
| 10 | Name of the Women Empowerment Cell Coordinator & Mobile No. | A | Name - Mrs. A. A. Tupe Mobile No- 9422204505 | Good |

| 11 | WEC Activities | A | 1. Online awareness program regarding the use of sanitary napkin disposal machine organised on 28.10.2020 Participatns : 50 <br> 2.Celebration of International Womens Day.            Total participant: 25 <br> 3: Webinar on Importance and scope of women cell in educational institutes. organised on 10.03.2020. Gender Equality Promtional program. Participants: 144 <br> All the above activities are kept on record | Good |
|----|----|----|----|----|
| 12 | Name of the Eco-Club Coordinator & Mobile No. | A | Prof. S. M. Kulkarni <br> Mobile No- 9422712775 | Good |
| 13 | Eco- Club Activities | A | Orchard plantation is done wherein almost 600 trees are planted in the hostel premises. | Good |
| 14 | Name of the Consumer Club Coordinator & Mobile No. | B | Name - Prof. V. R. Mote <br> Mobile No- 9158005302 | Satisfactory |
| 15 | Consumer Club Activities | C | Nil | Poor |
| 16 | Innovation Activity club | A | Incubation center is available for this activity. | Good |
| 17 | Technology Development and Transfer Cell Activities | A | Following records are available. <br> 1. Android aplication is developed by Computer department for staff attendence.  2. ERP system is developed for sharing learning resources by faculty with students. Features to conduct online tests, assignments are available. | Good |

| 18 | Any other Club | A | 1. E-Yantra Club : This is a centralised club for the skill development of the students. The senior faculty members of all the departments organised various activities on robotics skill development of the students of all the branches . Academic projects of the students are completed successfully under this club and internship is provided to the 79 students through this club.<br>2. Departmental student organizations are actively conducting various programs like social activities and technical activities. | Good |
| --- | --- | --- | --- | --- |

| | | | VI-LEARNING RESOURCES | |
|---|---|---|---|---|
| 1 | Name of the Librarian & Mob.No | A | Name :Mr. P. E.Horshil<br>Mob. No :9403637954 | Good |
| 2 | Access timings of the Library | A | 10.30am to 5.30pm<br>(During Exam: 8.30am to 12 Mid Night) | Good |
| 3 | Circulation of Books among Students | A | Books are circulated under issue section, reference section and book bank section | Good |
| 4 | Availability of Previous years Question papers | A | It is available in hard copy and soft copy. | Good |
| 5 | Availability of model answers of previous examinations | A | Verified and kept on record. | Good |
| 6 | Record of Visitors to Library | A | Maintained in register. Verified and kept on record. | Good |
| 7 | Status of Library Automation | A | Working<br>(Name of Library automation software : Libman ) | Good |
| 8 | e- Resources & e-Journals | A | 1. DELNET<br>2. NDL<br>3. K Hub | Good |
| 9 | Number of E-Journals | A | 9719 | Good |
| 10 | Number of Print Journals | A | 56 | Good |
| 11 | Access to NPTEL courses | A | Access is available. List of students registred for NPTEL courses and the result of these course exams are available and verified. | Good |
| 12 | Access to Spoken Tutorials | A | Spoken Tutorial workshops on various technologies and related examinations are conducted and kept on record | Good |
| 13 | Access to e-learning tutorials | A | Students and teachers are guided for e-learning tutorials. | Good |
| 14 | TED-X activity on campus | A | Available | Good |

| | VII-Student Support Activities | | | |
|---|---|---|---|---|
| 1 | Name of Dean/Faculty Incharge & Mob.No | A | Prof. S. M. Kulkarni    9422712775 | Good |
| 2 | Activities and Support for Sports | A | Sports in-charge is appointed for such activities. It is observed that students are participating in various sports activities at State, University, National level and Bagging prizes and Awards | Good |
| 3 | Records of events conducted and significant achievements in Sports & Games | B | Because of Covid, the university has not conducted any sports activity. But the previous records show the participation/representation of the students in the sports activities like badminton, football and basketball at the university level. | Satisfactory |
| 4 | Record of cultural programmes conducted | A | Online activities for the students were conducted like singing, dancing etc. | Good |
| 5 | Record of any other extra-curricular activities conducted | A | Yes, and has been kept on record | Good |
| 6 | Record of Students trained in different verticals | A | Eduskill trainning is given to te 52 students and  training of GATE tutor portal for all students wherin 746 students have taken the advantage. Record is available. | Good |
| 7 | Record of Student  placed in In campus placement | B | Total 96 students were placed in various industries and  record is available. | Satisfactory |
| 8 | Name of Career Guidance Coordinator and Mob.No | B | Name : Prof. V.V. Kulkarni Mobile No.: 9420809618 | Satisfactory |
| 9 | Record of activities Career Guidance and placement cell | B | Record of career guidance and placement cell is available. | Satisfactory |
| 10 | Name of Departmental Research Coordinator & Mob. No. | A | Dr. M.M. Dhobe          9860625441 | Good |
| 11 | Implementation of Departmental Research Plan | A | Dr. M.M. Dhobe          9860625441 | Good |

| 12 | IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc) | A | Action Plan : 1. To conduct internal academic audit of faculties. 2. To conduct administrative audit of the institute. 3. To arrange training programs for non teaching staff. 4. To collect feedback forms from all stakeolders. Minutes of Meeting register is maintained.     Proof of submission of AQAR to NAAC is attached herewith. Activity Register is maintained. IQAC at institute level as per the norms of NAAC.  Committee meet twice in a year. Committee give suggestions for the improvement and were keept on record | Good |
|----|----|----|----|----|
| 13 | Record of Alumni Association Activities | A | Record of Registered Allumni association of institute was made available for observation.   As per the record meetting of allumnis are conducted.  Allumni contributed by way of Guest lecture, Placement . | Good |
| 14 | Record of Grievance Redressal Cell / Anti Ragging Cell | A | Grievance Redressal Cell exists & committee meets twice in a semester. | Software recommended by AICTE to be Purchased |
| 15 | Awards and Prizes earned by students | A | Many students of the institute have bagged prizes and received awards in various activities. | Good |
| 16 | Mentoring / Counseling System | A | Teacher guardian scheme is available in the institute. Staff mentors acting as teacher guardians are looking after overall development of the students alloted to them. | Good |

| | VIII-Basic Amenities | | | |
|---|---|---|---|---|
| 1 | Maintenance of drinking water | A | RO system for Drinking water is imstalled and frequent maintenance of related set up is being carried out. | Good |
| 2 | Maintenance of Sanitation | A | Regular Maintenance is being carried out and monitored. | Good |
| 3 | Rest room for women students | A | Rest room for women students is available with adequate facilities. | Good |
| 4 | Greenery & Cleanliness | A | Well Maintained Green campus. Geen audit is done. House keeping contract is given for cleanliness. | Good |
| 5 | Health Care Facility | A | Appointment of medical officer is made. | Good |
| 6 | Canteen | A | Canteen contract and mess contract is made. Agreement of this is available. | Good |
| | IX-GOVERNANCE AND LEADERSHIP | | | |
| 1 | Staff meetings Register | A | Record is made available. | Good |
| 2 | Functioning of Committees in Administration ( Minutes of Meetings) | A | Details are made available.. | Good |
| 3 | Awards/Achievements of faculty | A | Record is made available. | Good |
| 4 | Faculty development initiatives | A | Faculties are promoted through initiatives taken by the institute for their developments in academic achievements ( higher education), knowledge upgradation (FDP,STTP, Conferences) | Good |
| | X - IT INITIATIVES | | | |
| 1 | e-class rooms ( Number & Usage) | A | 11, frequently used. | Good |
| 2 | Internet Centre | A | Internet connection with speed 120 MBPS. All computers are having internet connection. | Good |
| 3 | Computer labs ( No. of labs & working systems) | A | Total number of Computers = 429. Total number of Computer labs = 17 | Good |

| Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|
| | Grade | Actual Status | |
| XI-Best Practices | | | |
| 1 Record of best/innovative practices by the institution | A | Record is made available. | Good |
| 2 College Activity Register/ Annual Report | B | Record is made available. | Satisfactory |
| Hard Copy of AQAR | A | Record is made available | Good |
| 3 Over All Impression on the College | A | Maintained a very good green campus with spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center. Soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good. The International Relation Cell is activated in the institute in which the Dean IRC takes care of employment of students & higher studies in foreign countries and also the research funds for the students as well as staff. | |
| Signature of the Dean Academics | | Signatures of Academic Advisors | |
| | 1 | | |
| Signature of the Principal | 2 | | |

People's Education Society's (Mumbai)

# P. E. S. COLLEGE OF ENGINEERING

Nagsenvana, Aurangabad.

Ref No. PESCOE/Office/2020-21 5924                                     Date: 06.01.2021

## CIRCULAR

Internal Administrative Audit of P. E. S. College of Engineering for the year 2020-21 is to be done on 08.01.2021 at 11.30 am. Following committee should do this audit and submit the report to the undersigned on or before 09.01.2021.

1. Prof. S. S. Khedgikar, Dean Academics
2. Dr. B. N. Chaudhari, Dean Innovation & Incubation
3. Prof. V. A. Losarwar Coordinator IQAC
4. Dr. V. B. Kamble
5. Mr. Gaibhiye, Registrar
6. Mr. Horshil, Librarian

PRINCIPAL

PESCOE, Aurangabad.

To

All concerned staff / off. Copy

## Administrative Audit
### 1. Infrastructural facilities

| Sr. No | PARTICULARS | | ANSWERS |
|---|---|---|---|
| 1.1 | **Campus** | | |
| | (a) Campus Area | Exemplary | ✓ |
| | | Good | |
| | | Inadequate | |
| | (b) Campus Ownership | Owned by management | ✓ |
| | | On rent | |
| 1.2 | **Office** | | |
| | a. Office Space | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | b. All types of leave registers are maintained | | yes |
| | c. Inward/outward register is maintained | | yes |
| | d. Personal register of every staff | | yes |
| | e. Biometric attendance of staff | Partially due to Covid. | yes |
| | f. Attendance Register of staff | | yes |
| | g. Establishment Register | | yes |
| | h. Aquittance Register / pay bill register | | yes |
| | i. Contingent Register | | |
| | j. Separate cash book for self-financing prog. | | yes |
| | k. Caution deposit register and register of disbursement is maintained | | yes |
| 1.3 | **Library** | | |
| | a. Area of Library | | 700 m² |
| | b. Do you have separate reading area for student & Staff? | | yes |
| | c. Do you display the new rrivals? | for books tobe neatly displayed | yes. |
| | d. Do you maintain Book Volumes? | | yes |
| | e. No. of Books per student | | |
| | f. No. of Issue/Return books per day | | |
| | g. No. of Research Journals | | 9719 |
| | h. No. of Periodicals | | 56 |
| 1.4 | **Security** | | |
| | a. At entrance | | yes |
| | b. CC TV Camera | | yes |
| | c. Women Grievance cell | | yes |
| | d. Grievance cell | | |
| | e. Fire Extinguisher Last refill date : | | yes |

| 1.5 | Potable Water facility | Exemplary | ✓ |
| | | Good | |
| | | Inadequate | |
| 1.6 | Power Backup facility | | yes |
| 1.7 | Washroom facility | | |
| | a. Washroom facility (for Male) | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | b. Washroom facility (for Female) | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | c. Washroom facility (for Staff) | Exemplary | |
| | | Good | |
| | | Inadequate | |
| 1.8 | Parking | Exemplary | ✓ |
| | | Adequate | |
| | | Inadequate | |
| 1.9 | Class rooms (as per requirement) | Exemplary | ✓ |
| | | Adequate | |
| | | Inadequate | |
| 1.10 | Staff room (Tick only one) | Individual Staff room with IT facility | |
| | | Staff room with separate cabins | ✓ |
| | | Departmental Staff Common | |
| 1.11 | Seminar Room | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.12 | Common room (Boys) | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.13 | Common room (Girls) | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.14 | a. Medical Centre facility | | |
| | b. Health Centre facility | | - |
| | c. First-aid facility | | - |
| | | | ✓ |

| 1.15 | Sports Facility | | ✓ |
| | Indoor Sports facility | | ✓ |
| | Gymnasium | | . |
| 1.16 | Hostel (Boys) | Exemplary | |
| | | Adequate (with mess) | ✓ |
| | | Inadequate | |
| 1.17 | Hostel (Girls) | Exemplary | |
| | | Adequate (with mess) | ✓ |
| | | Inadequate | |
| 1.18 | Transportation for students | College is centrally located, hence no need. | No. |
| 1.19 | Support services (**Bank/PO/**Xerox) | | Xerox ✓ |
| 1.20 | Canteen | | yes |
| 1.21 | Approach Road | | yes |
| 1.22 | Garden | | yes |
| 1.23 | Auditorium/ Assembly hall | | yes |
| 1.24 | Internet facility | | yes |
| | For Staff & students : | | yes |
| | For staff only: | | yes |
| 1.25 | Ramp Facility for Physically Challenged | | yes |
| 1.26 | Principal Quarter | | yes |
| 1.27 | Guest House | | yes |
| 1.28 | Overall Maintenance | Exemplary | |
| | | Satisfactory | ✓ |
| | | Not satisfactory | |
| 1.29 | Overall Cleaning | Exemplary | |
| | | Satisfactory | ✓ |
| | | Not satisfactory | |

## 2. Training facilities

| Sr. No | PARTICULAR | ANSWER |
|---|---|---|
| 2.1 | How many Faculty members / Administrative staff can operate MS-word / power point and MS Excel? | All |
| 2.2 | Did your College arrange for Training of Faculty members in the use of Computers? | yes |
| 2.3 | How many Computers do you have in the College ? | 407 |
| 2.4 | Does the College have Internet facilities? | yes |
| 2.5 | Have your Faculty members undergone Training for NME-ICT? If yes, How many? | yes |
| 3 | PLACEMENT ACTIVITY | |
| 3.1 | Has the Placement cell / **Career Counseling Cell been formed in your college? | yes |
| 3.2 | How many students have been enrolled? | |
| 3.3 | Do you conduct campus placement drive? | yes |
| 3.4 | Have you conducted any pre placement training for student's placements? If yes, then Specify. | yes |
| 3.5 | Have you organized any company visits or guidance camp for students? | |
| 3.6 | Does the placement cell maintain the record of job opportunities for students? | yes |
| 3.7 | Are the students provided computers and Internet to search job, to down load application forms etc? | yes |
| 3.8 | Does the college have a system of registering students at the Employment office? | NO |
| 3.9 | Does the college subscribe to magazines like Employment News, Rojgar Samachar etc ? If yes, Give names of magazines. | yes . Employment News. |
| 3.10 | Does your College have a Digital English Language Lab ? | yes |
| 3.11 | How many students use the DELL in a day ? | |
| A. | Does the college have a functional Alumni Association? | yes |
| | Number of students enrolled | |
| | Activities of Alumni Association | Yearly Alumni meet |

| B. | Give details of any Progressive Practices of the Institution if any. |
|---|---|
| | - Start up support facility is available in college campus for students and faculties.<br>- Waste water of RO water purifier is used for gardening.<br>- Structural designing, construction and civil maintenance of our college building is done by our own personnel.<br>- Electrification work and related maintenance is done by our own personnel. |

## Recommendations

Following the audit, the recommendations were made to the management as given below:

1. Support services like Bank / ATM should be incorporated.
2. Non-teaching staff may be trained in using ICT facilities relevant to their work.
3. The data may be made accessible to the current students to foster their academic progression as well as enhance employment opportunities in association with Alumni Association.
4. Sports facility for indoor and outdoor games should be enhanced.
5. In Library there should be display for new arrivals of books
6. Medical and Health center facility should be activated.

1. Prof. S. S. Khedgikar, Dean Academics
2. Dr. B. N. Chaudhari, Dean Innovation & Incubation
3. Prof. V. A. Losarwar Coordinator IQAC
4. Dr. V. B. Kamble
5. Mr. Gajbhiye, Registrar
6. Mr. Horshil, Librarian

## Declaration

I agree with all the recommendations and observations mentioned in this report.

Principal
P.E.S.College of Engineering
Aurangabad.

# Class Test M&AP

Marks : 10

1. Email *

   _____

2. Name of the Student and Roll no. *

   _____

3. Q.1 Which of the following is an advantage of microcontroller over microprocessor          1 point

   *Mark only one oval.*

   ⬭ On chip RAM, ROM

   ⬭ On chip I/O Ports

   ⬭ less costlier and bulkier

   ⬭ All of the above

4. Q.2 which of the following is not a characteristics of CISC Processor          1 point

   *Mark only one oval.*

   ⬭ Large code size compared to RISC

   ⬭ more emphasis on Hardware

   ⬭ Easier pipelining

   ⬭ None of the above

5. Q.3 Which of the following is a characteristics of RISC Processor          1 point

   *Mark only one oval.*

   ⬭ Simple but powerful instructios

   ⬭ more addressing mode

   ⬭ complicated hardware

   ⬭ All of the above

6. Q.4 Which of the following is a not a characteristics of RISC Processor          1 point

   *Mark only one oval.*

   ⬭ Easy pipeline

   ⬭ CPI = 1

   ⬭ more emphasis on software/compiler

   ⬭ more addressing modes

   ⬭ Other: _____

7. Q.5 Which of the following is not an embedded application?          1 point

   *Mark only one oval.*

   ⬭ washing machine

   ⬭ TV remote control

   ⬭ Scanner, printers

   ⬭ PC

   ⬭ Other: _____

8. Q.6 Which of the following is not a characteristics of embedded system          1 point

   *Mark only one oval.*

   ⬭ battery operated devices

   ⬭ Reliable

   ⬭ dedicated task only

   ⬭ High power consumption

9. Q.7 Which of the following is not a selection criteria of microcontroller for any application

1 point

*Mark only one oval.*

○ Bit Size

○ Packaging

○ Application type

○ Manufacturing Company

○ Other: _____

10. Q.8 Microcontroller 8051 has 4 I/O ports

1 point

*Mark only one oval.*

○ True

○ False

11. Q.9 Microcontroller 8051 has 32K on chip ROM

1 point

*Mark only one oval.*

○ True

○ False

12. Q.10 Microcontroller 8051 has 6 interrupt sources

1 point

*Mark only one oval.*

○ True

○ False

Google Forms

# Microprocessor Mid Semester Examination responses

| Timestamp | Total score | Name of the student | Name of th | Name of th | Roll no. | Roll no. [Score] |
|---|---|---|---|---|---|---|
| 2021/06/04 11:36:19 AM GMT+5:30 | 19.00 / 20 | Kaveri vinayak padol | -- / 0 | | 2878306 | -- / 0 |
| 2021/06/04 11:37:40 AM GMT+5:30 | 1.00 / 20 | Xyz | -- / 0 | | 11 | -- / 0 |
| 2021/06/04 11:38:18 AM GMT+5:30 | 15.00 / 20 | Sarthak Birare | -- / 0 | | 1931006 | -- / 0 |
| 2021/06/04 11:38:59 AM GMT+5:30 | 5.00 / 20 | Xyz | -- / 0 | | 11 | -- / 0 |
| 2021/06/04 11:39:46 AM GMT+5:30 | 17.00 / 20 | Swapnil Shantibhushan Haldurgekar | -- / 0 | | 18 | -- / 0 |
| 2021/06/04 11:41:39 AM GMT+5:30 | 18.00 / 20 | shital tayde | -- / 0 | | 15 | -- / 0 |
| 2021/06/04 11:44:05 AM GMT+5:30 | 9.00 / 20 | Saurabh Shivaji Jadhav | -- / 0 | | DSY ENTC 19 | -- / 0 |
| 2021/06/04 11:49:36 AM GMT+5:30 | 12.00 / 20 | Sonali Meshram | -- / 0 | | SYETC 11 | -- / 0 |
| 2021/06/04 11:49:50 AM GMT+5:30 | 15.00 / 20 | Anagha Rajesh Tayade | -- / 0 | | 14 | -- / 0 |
| 2021/06/04 11:51:54 AM GMT+5:30 | 3.00 / 20 | Abc | -- / 0 | | Q0 | -- / 0 |
| 2021/06/04 11:52:36 AM GMT+5:30 | 17.00 / 20 | Kalpana Anil Dandge | -- / 0 | | SYETC 8 | -- / 0 |
| 2021/06/04 11:54:35 AM GMT+5:30 | 6.00 / 20 | Sh | -- / 0 | | 237 | -- / 0 |
| 2021/06/04 11:58:13 AM GMT+5:30 | 0.00 / 20 | Shsjs | -- / 0 | | Q1m34 | -- / 0 |
| 2021/06/04 11:58:29 AM GMT+5:30 | 12.00 / 20 | Pranali.khillare | -- / 0 | | 10 | -- / 0 |
| 2021/06/04 11:59:02 AM GMT+5:30 | 14.00 / 20 | Vinay chavan | -- / 0 | | 1931003 | -- / 0 |
| 2021/06/04 11:59:42 AM GMT+5:30 | 3.00 / 20 | Sjdjsj | -- / 0 | | 23783 | -- / 0 |
| 2021/06/04 12:00:52 PM GMT+5:30 | 0.00 / 20 | Zbzn | -- / 0 | | 123 | -- / 0 |
| 2021/06/04 12:01:09 PM GMT+5:30 | 12.00 / 20 | Omkar gumte | -- / 0 | | SYETC 17 | -- / 0 |
| 2021/06/04 12:01:23 PM GMT+5:30 | 1.00 / 20 | Sjssh | -- / 0 | | 123 | -- / 0 |
| 2021/06/04 12:02:09 PM GMT+5:30 | 15.00 / 20 | Mayur Tulshiram Wagh | -- / 0 | | 321 | -- / 0 |
| 2021/06/04 12:02:53 PM GMT+5:30 | 18.00 / 20 | Vaibhav Subhash Gaikwad | -- / 0 | | 322 | -- / 0 |
| 2021/06/04 12:03:34 PM GMT+5:30 | 15.00 / 20 | Sakshi Mohindar Pandure | -- / 0 | | 13 | -- / 0 |
| 2021/06/04 12:04:37 PM GMT+5:30 | 16.00 / 20 | Pradnya Pramod Narwade | -- / 0 | | 1.92134E+12 | -- / 0 |
| 2021/06/04 12:04:54 PM GMT+5:30 | 19.00 / 20 | Pallavi dayanand Gaikwad | -- / 0 | | 304 | -- / 0 |
| 2021/06/04 12:10:00 PM GMT+5:30 | 17.00 / 20 | Ashwini Dongre | -- / 0 | | 9 | -- / 0 |
| 2021/06/04 12:13:18 PM GMT+5:30 | 17.00 / 20 | Ashwini Dongre | -- / 0 | | 9 | -- / 0 |
| 2021/06/04 12:30:18 PM GMT+5:30 | 17.00 / 20 | Kanchan uttam Waghmare | -- / 0 | | 1 | -- / 0 |
| 2021/06/05 12:28:54 PM GMT+5:30 | 17.00 / 20 | Pranali.khillare | -- / 0 | | 2.02134E+12 | -- / 0 |

| Roll no. [Fe | Q.1. In 808 | | Q.2 STAX D | | Q.3 STA 82 | | Q.4 Which | |
|---|---|---|---|---|---|---|---|---|
| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | store the c | 1.00 / 1 | TRAP | 1.00 / 1 |
| | | | | | | | | |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
| | PC | 0.00 / 1 | exchanges | 0.00 / 1 | none of the | 0.00 / 1 | TRAP | 1.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | store the c | 1.00 / 1 | TRAP | 1.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | copies cont | 0.00 / 1 | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | none of the | 0.00 / 1 | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
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| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | store the c | 1.00 / 1 | TRAP | 1.00 / 1 |
| | | | stores accu | 1.00 / 1 | none of the | 0.00 / 1 | | |
| | | | | | copies cont | 0.00 / 1 | | |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | copies cont | 0.00 / 1 | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | none of the | 0.00 / 1 | INTR | 0.00 / 1 |
| | | | | | store the c | 1.00 / 1 | | |
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| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
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| | SP & PC bo | 1.00 / 1 | | | | | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores accu | 1.00 / 1 | none of the | 0.00 / 1 | TRAP | 1.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
| | SP & PC bo | 1.00 / 1 | stores the a | 0.00 / 1 | store the c | 1.00 / 1 | INTR | 0.00 / 1 |
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| | SP & PC bo | 1.00 / 1 | exchanges | 0.00 / 1 | copies cont | 0.00 / 1 | TRAP | 1.00 / 1 |

| Q.5 Which | Q.5 Which | Q.5 Which | Q.6SIM sta | Q.6SIM sta | Q.6SIM sta | Q.7 Why m | Q.7 Why m | Q.7 Why m | Q.8 JPO ins | Q.8 JPO ins | Q.8 JPO ins | Q.9 CC star |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRAP | 1.00 / 1 | | Set Interru | 1.00 / 1 | | To reduce | 1.00 / 1 | | Jump to th | 1.00 / 1 | | Call subrou |
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| TRAP | 1.00 / 1 | | Set Interru | 1.00 / 1 | | To reduce | 1.00 / 1 | | Jump to th | 1.00 / 1 | | Compare C |
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| TRAP | 1.00 / 1 | | Set Interru | 1.00 / 1 | | To reduce | 1.00 / 1 | | Jump to th | 1.00 / 1 | | Call subrou |

| Q.9 CC star | Q.10 In 808 | Q.10 In 808 | Q.11 8255 | Q.11 8255 | Q.12 RET st | Q.12 RET st | Q.13 INTA | Q.13 INTA |
|---|---|---|---|---|---|---|---|---|
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 0.00 / 1 | RST 6.5 | 0.00 / 1 | Programm | 0.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 0.00 / 1 |
| 0.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | RST 6.5 | 0.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | RST 6.5 | 0.00 / 1 | Programm | 1.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 0.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programmi | 0.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | | | Return to s | 0.00 / 1 | | |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 1.00 / 1 |
| | | | | | Return to n | 1.00 / 1 | | |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | RST 6.5 | 0.00 / 1 | Programm | 1.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 1.00 / 1 |
| 0.00 / 1 | INTR | 1.00 / 1 | Programm | 0.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programmi | 0.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to s | 0.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |
| 1.00 / 1 | INTR | 1.00 / 1 | Programm | 1.00 / 1 | Return to n | 1.00 / 1 | Interrupt a | 1.00 / 1 |

| Q.13 INTA | Q.14 subro | Q.14 subro | Q.15 cond | Q.15 cond | Q.16 Opera | Q.16 Opera | Q.17 CMP i | Q.17 CMP i |
|---|---|---|---|---|---|---|---|---|
| | small progr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 1 byte | 0.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 1 byte | 0.00 / 1 | 3-6 KHz | 0.00 / 1 | compares A | 0.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 2 byte | 0.00 / 1 | 3-6 KHz | 0.00 / 1 | compare A | 1.00 / 1 |
| | small instr | 0.00 / 1 | 1 byte | 0.00 / 1 | 3-6 MHz | 1.00 / 1 | compares A | 0.00 / 1 |
| | small instr | 0.00 / 1 | 2 byte | 0.00 / 1 | 3-6 MHz | 1.00 / 1 | compares A | 0.00 / 1 |
| | | | 2 byte | 0.00 / 1 | 300-600 KH | 0.00 / 1 | Compares | 0.00 / 1 |
| | small progr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compares A | 0.00 / 1 |
| | | | 3 bytes | 1.00 / 1 | 3-6 KHz | 0.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | | | | | 3-6 MHz | 1.00 / 1 | | |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compares A | 0.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 300-600 KH | 0.00 / 1 | compares A | 0.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 300-600 KH | 0.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small progr | 1.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compares A | 0.00 / 1 |
| | small progr | 1.00 / 1 | 2 byte | 0.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |
| | small instr | 0.00 / 1 | 3 bytes | 1.00 / 1 | 3-6 MHz | 1.00 / 1 | compare A | 1.00 / 1 |

| Q 18 XCHG | Q 18 XCHG | Q 18 XCHG | Q.19 SHLD | Q.19 SHLD | Q.19 SHLD | Q.20 DAA i | Q.20 DAA i | Q.20 DAA instruction | [Feedback] |
|---|---|---|---|---|---|---|---|---|---|
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| | | | stores cont 1.00 / 1 | | | performs h 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 0.00 / 1 | | | stores cont 1.00 / 1 | | | performs h 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 0.00 / 1 | | | loads conte 0.00 / 1 | | | performs b 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | loads conte 0.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 0.00 / 1 | | | | | | performs b 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | loads conte 0.00 / 1 | | | performs h 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 0.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 0.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs b 0.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |
| exchanges 1.00 / 1 | | | stores cont 1.00 / 1 | | | performs B 1.00 / 1 | | | |

# Microprocessor Quiz 2

1. Name of the student *

   _____

2. Roll no. *

   _____

3. Q.1. In 8085, names of 16 bit registers are...                                   1 point

   *Mark only one oval.*

   ⬭ SP
   ⬭ PC
   ⬭ SP & PC both
   ⬭ none of these
   ⬭ Other: _____

4. Q.2 STAX D instruction                                                            1 point

   *Mark only one oval.*

   ⬭ stores accumulator contents to address specified by DE pair
   ⬭ stores the accumulator contents in DE registers
   ⬭ Option 4
   ⬭ exchanges contents D and E registers
   ⬭ Other: _____

5. Q.3 STA 5200h                                                                     1 point

   *Mark only one oval.*

   ⬭ store the contents of A to 5200h
   ⬭ copies contents of 5200h to A
   ⬭ none of these
   ⬭ Other: _____

6. Q.4 Auxillary carry flag is set when                                              1 point

   *Mark only one oval.*

   ⬭ carry from 3rd to 4th bit
   ⬭ carry from 2nd to 3rd bit
   ⬭ carry from 4th to 5th bit
   ⬭ Other: _____

7. Q.5 CMA instruction stands for                                                    1 point

   *Mark only one oval.*

   ⬭ Complement Accumulator
   ⬭ Compare accumulator with another register
   ⬭ compare it with memory location
   ⬭ Other: _____

8. Q.6 How many address pins are multiplexed with that of data bus?                  1 point

   *Mark only one oval.*

   ⬭ 7
   ⬭ 8
   ⬭ 16
   ⬭ 4

9.  Q.7 Why multiplexing is done?                                                          1 point

*Mark only one oval.*

○ To reduce signals

○ To reduce no. of pins

○ To reduce chip size

○ All of these

○ Other: _____


10. Q.8 JPO instruction stands for                                                         1 point

*Mark only one oval.*

○ Jump to the address on Even parity

○ Jump to the address on odd parity

○ Jump to the address on outside parity

○ Other: _____


11. Q.9 CC stands for                                                                      1 point

*Mark only one oval.*

○ Compare Carry

○ Compare Register C

○ Call subroutine if carry flag is set

○ Other: _____


12. Q.10 JMP is conditional branch instruction                                             1 point

*Mark only one oval.*

○ true

○ False


13. Q.11 CALL is unconditional branch instruction                                          1 point

*Mark only one oval.*

○ True

○ False


14. Q.12 RET stands for                                                                    1 point

*Mark only one oval.*

○ Return to main program from subroutine

○ Return to subroutine from main program

○ Other: _____


15. Q.13 INTA stands for                                                                   1 point

*Mark only one oval.*

○ Interrupt acknowledgment

○ Interrupt addition

○ none of these

○ Other: _____


16. Q.14 subroutine is                                                                     1 point

*Mark only one oval.*

○ small instructions called few times in main program

○ small program called many timed in main program and stored at different address than that of main program

○ small program written in a main program

○ Other: _____

17. Q. 15 conditional or unconditional CALL both of these instructions are how many bytes long

1 point

*Mark only one oval.*

- ◯ 2 byte
- ◯ 1 byte
- ◯ 3 bytes
- ◯ Other: _____

18. Q.16 Operating frequency of 8085 is

1 point

*Mark only one oval.*

- ◯ 3-6 MHz
- ◯ 300-600 KHz
- ◯ 3-6 KHz
- ◯ Other: _____

19. Q.17 CMP instruction

1 point

*Mark only one oval.*

- ◯ compare A contents with another register or data by performing subtraction and does not store the results anywhere
- ◯ compares A contents with register contents/ data and stores the result.
- ◯ Compares registers B and C
- ◯ Other: _____

20. Q 18 XCHG instruction

1 point

*Mark only one oval.*

- ◯ exchanges contents of DE and HL pair
- ◯ exchanges contents of DE and BC pair
- ◯ exchanges contents of HL and BC pair
- ◯ Other: _____

21. Q.19 SHLD instruction

1 point

*Mark only one oval.*

- ◯ loads contents of memory address to HL pair
- ◯ stores contents of HL pair to specified memory address
- ◯ none of these
- ◯ Other: _____

22. Q.20 DAA instruction

1 point

*Mark only one oval.*

- ◯ performs binary addition
- ◯ performs BCD addition
- ◯ performs hexadecimal addition
- ◯ Other: _____

**Microprocessor Quiz 2 responses**

| Timestamp | Total score | Name of the student | Name of th | Name of th | Roll no. | Roll no. [Sc | Roll no. [Fe |
|---|---|---|---|---|---|---|---|
| 2021/05/19 | 11.00 / 20 | 2.02134E+12 | -- / 0 | | 9 | -- / 0 | |
| 2021/05/19 | 12.00 / 20 | Swapnil Haldurgekar | -- / 0 | | 18 | -- / 0 | |
| 2021/05/19 | 13.00 / 20 | Kaveri vinayak padol | -- / 0 | | 2878306 | -- / 0 | |
| 2021/05/20 | 16.00 / 20 | Kaveri vinayak padol | -- / 0 | | 2878306 | -- / 0 | |
| 2021/05/20 | 14.00 / 20 | Swapnil Haldurgekar | -- / 0 | | 18 | -- / 0 | |
| 2021/05/20 | 5.00 / 20 | Samadhan | -- / 0 | | 101 | -- / 0 | |
| 2021/05/20 | 18.00 / 20 | Pallavi dayanand Gaikwad | -- / 0 | | 304 | -- / 0 | |
| 2021/05/20 | 15.00 / 20 | Sakshi Mohindar Pandure | -- / 0 | | SYETC 13 | -- / 0 | |
| 2021/05/20 | 13.00 / 20 | Anagha Tayade | -- / 0 | | 14 | -- / 0 | |
| 2021/05/20 | 17.00 / 20 | Shital Tayde | -- / 0 | | 15 | -- / 0 | |
| 2021/05/20 | 14.00 / 20 | Kalpana Anil Dandge | -- / 0 | | 8 | -- / 0 | |
| 2021/05/20 | 12.00 / 20 | Durgesh gawai | -- / 0 | | 16 | -- / 0 | |
| 2021/05/20 | 14.00 / 20 | Pradnya Pramod Narwade | -- / 0 | | 2 | -- / 0 | |

| Q.1. In 8085, names of 16 bit registers are... | Q.1. In 8085 Q.1. In 8 | Q.2 STAX D instruction |
|---|---|---|
| SP | 0.00 / 1 | stores the accumulator contents in DE registers |
| SP | 0.00 / 1 | stores the accumulator contents in DE registers |
| SP & PC both | 1.00 / 1 | stores accumulator contents to address specified by DE pair |
| SP & PC both | 1.00 / 1 | stores accumulator contents to address specified by DE pair |
| SP & PC both | 1.00 / 1 | stores the accumulator contents in DE registers |
| SP | 0.00 / 1 | stores the accumulator contents in DE registers |
| PC | 0.00 / 1 | stores accumulator contents to address specified by DE pair |
| SP & PC both | 1.00 / 1 | Store accumulator contents in memory pointed by extended register |
| SP & PC both | 1.00 / 1 | stores the accumulator contents in DE registers |
| SP & PC both | 1.00 / 1 | stores accumulator contents to address specified by DE pair |
| SP & PC both | 1.00 / 1 | stores the accumulator contents in DE registers |
| SP & PC both | 1.00 / 1 | stores accumulator contents to address specified by DE pair |
| SP | 0.00 / 1 | stores the accumulator contents in DE registers |

| Q.2 STAX D i | Q.2 STAX D | Q.3 STA 52 | Q.4 Auxilla | Q.4 Auxilla | Q.5 CMA instruction stands for | Q.5 CMA in |
|---|---|---|---|---|---|---|
| 0.00 / 1 | copies cont | 0.00 / 1 | ancillary ca | 0.00 / 1 | Compare accumulator with another register | 0.00 / 1 |
| 0.00 / 1 | store the c | 1.00 / 1 | carry from | 0.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 1.00 / 1 | store the c | 1.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 1.00 / 1 | copies cont | 0.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | store the c | 1.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | none of the | 0.00 / 1 | carry from | 0.00 / 1 | Compare accumulator with another register | 0.00 / 1 |
| 1.00 / 1 | store the c | 1.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | none of the | 0.00 / 1 | Carry from | 0.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | store the c | 1.00 / 1 | The Auxillia | 0.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 1.00 / 1 | store the c | 1.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | store the c | 1.00 / 1 | carry from | 0.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 1.00 / 1 | none of the | 0.00 / 1 | carry from | 0.00 / 1 | Complement Accumulator | 1.00 / 1 |
| 0.00 / 1 | store the c | 1.00 / 1 | carry from | 1.00 / 1 | Complement Accumulator | 1.00 / 1 |

| Q.5 C | Q.6 How m | Q.6 How m | Q.7 Why m | Q.7 Why m | Q.7 Why m | Q.8 JPO instruction stands for | Q.8 JPO ins | Q.8 JPO ins |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 8 | 1.00 / 1 | | To reduce s | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | To reduce r | 1.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | To reduce r | 1.00 / 1 | | Jump to the address on outside parity | 0.00 / 1 | |
| 8 | 1.00 / 1 | | To reduce r | 1.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 8 | 1.00 / 1 | | To reduce s | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 8 | 1.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 8 | 1.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 16 | 0.00 / 1 | | To reduce r | 1.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |
| 8 | 1.00 / 1 | | All of these | 0.00 / 1 | | Jump to the address on odd parity | 1.00 / 1 | |

| Q.9 CC stands for | Q.9 CC star | Q.9 CC star | Q.10 JMP is | Q.10 JMP is | Q.10 JMP is | Q.11 CALL i | Q.11 CALL i | Q.11 CALL i |
|---|---|---|---|---|---|---|---|---|
| Compare Register C | 0.00 / 1 | | FALSE | 1.00 / 1 | | FALSE | 0.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | TRUE | 0.00 / 1 | | FALSE | 0.00 / 1 | |
| Compare Carry | 0.00 / 1 | | TRUE | 0.00 / 1 | | TRUE | 1.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | TRUE | 0.00 / 1 | | TRUE | 1.00 / 1 | |
| Compare Carry | 0.00 / 1 | | FALSE | 1.00 / 1 | | FALSE | 0.00 / 1 | |
| Compare Carry | 0.00 / 1 | | FALSE | 1.00 / 1 | | FALSE | 0.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | FALSE | 1.00 / 1 | | TRUE | 1.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | FALSE | 1.00 / 1 | | TRUE | 1.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | TRUE | 0.00 / 1 | | FALSE | 0.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | FALSE | 1.00 / 1 | | FALSE | 0.00 / 1 | |
| Call subroutine if carry flag is set | 1.00 / 1 | | TRUE | 0.00 / 1 | | TRUE | 1.00 / 1 | |
| Compare Register C | 0.00 / 1 | | TRUE | 0.00 / 1 | | FALSE | 0.00 / 1 | |
| Compare Carry | 0.00 / 1 | | TRUE | 0.00 / 1 | | TRUE | 1.00 / 1 | |

| Q.12 RET stands for | Q.12 RET s | Q.12 RET s | Q.13 INTA stands for | Q.13 INTA | Q.13 INTA |
|---|---|---|---|---|---|
| Return to subroutine from main program | 0.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to subroutine from main program | 0.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to subroutine from main program | 0.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt addition | 0.00 / 1 | |
| Return to subroutine from main program | 0.00 / 1 | | Interrupt addition | 0.00 / 1 | |
| Return to subroutine from main program | 0.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledge | 0.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |
| Return to main program from subroutine | 1.00 / 1 | | Interrupt acknowledgment | 1.00 / 1 | |

Q.14 subroutine is

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program written in a main program                                                                                      0.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program written in a main program                                                                                      0.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

Subroutine is sequence of program instructions that performs a specific task,  package as unit in different programming.      0.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

small program called many timed in main program and stored at different address than that of main program                    1.00 / 1

| Q.14 subro | Q. 15 cond | Q. 15 cond | Q. 15 cond | Q.16 Opera | Q.16 Opera | Q.16 Opera |
|------------|------------|------------|------------|------------|------------|------------|
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| Its depends | 0.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 2 byte | 0.00 / 1 | | | 300-600 KH | 0.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 3 bytes | 1.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 1 byte | 0.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |
| 2 byte | 0.00 / 1 | | | 3-6 MHz | 1.00 / 1 | |

| Q.17 CMP instruction | Q.17 CMP i |
| --- | --- |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compares A contents with register contents/ data and stores the result. | 0.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |
| compares A contents with register contents/ data and stores the result. | 0.00 / 1 |
| compares A contents with register contents/ data and stores the result. | 0.00 / 1 |
| Compares registers B and C | 0.00 / 1 |
| compare A contents with another register or data by performing subtraction  and does not store the results anywhere | 1.00 / 1 |

| Q.17 CMP i | Q 18 XCHG instruction | Q 18 XCHG | Q.19 SHLD instruction |
|---|---|---|---|
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and BC pair | 0.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | Store HL pair using direct addressing in memory location |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |
| | exchanges contents of DE and HL pair | 1.00 / 1 | stores contents of HL pair to specified memory address |

| Q.19 SHLD | Q.19 SHLD | Q.20 DAA instruction | Q.20 DAA i | Q.20 DAA instruction  [Feedback] |
|-----------|-----------|----------------------|------------|----------------------------------|
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | All the mention | 0.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 0.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |
| 1.00 / 1 | | performs BCD addition | 1.00 / 1 | |

# Micrprocessor CA2 MCQ test

All questions are compulsory. Each MCQ carry one mark. and other descriptive questions carry 2 marks. Test is of 20 marks .

1. Email *

_____

2. Which of the following is not a 8085 hardware interrupt

*Mark only one oval.*

- ⬭ TRAP
- ⬭ RST 7.5
- ⬭ RST 6.5
- ⬭ RST 5. 5
- ⬭ INTR
- ⬭ RST4.5

1 point

3. In 8085, how many interrupts are maskable

*Mark only one oval.*

- ⬭ 2
- ⬭ 3
- ⬭ 4
- ⬭ 5

1 point

4. Which type of stack is used in 8085

*Mark only one oval.*

- ⬭ FIFO
- ⬭ FILO
- ⬭ LIFO
- ⬭ LILO
- ⬭ Other: _____

1 point

5. In 8085 , instructions are how many bytes long?

*Mark only one oval.*

- ⬭ one
- ⬭ two
- ⬭ one,two,or three
- ⬭ none of these
- ⬭ Other: _____

1 point

6. Which of the following is positive edge triggered interrupt?

*Mark only one oval.*

- ⬭ RST 6.5
- ⬭ RST 5.5
- ⬭ RST 7.5
- ⬭ INTR
- ⬭ Other: _____

1 point

7. Which of the following is non-maskable interrupt

*Mark only one oval.*

- ⬭ INTR
- ⬭ TRAP
- ⬭ RST 7.5
- ⬭ RST 5.5
- ⬭ Other: _____

1 point

8. The length of machine read cycle is                                        1 point

   *Mark only one oval.*

   ⚪ 2 T states

   ⚪ 3 t states

   ⚪ 4T states

   ⚪ 5 T states

   ⚪ Other: _____

9. What is the function of IO/M signal                                        2 points

   _____

10. What is the function of ALE signal                                        2 points

   _____

11. Write a program for addition of two 8 bit numbers                        2 points

   _____
   _____
   _____
   _____
   _____

12. Explain subroutine instructions CALL and RET                             2 points

   _____
   _____
   _____
   _____
   _____

13. What is the function of program counter?                                  2 points

   _____

14. Explain the instruction LHLD addr w.r.t. desription, no.of bytes required, addressing mode and flags affected.    2 points

   _____
   _____
   _____
   _____
   _____

15. How much memory 8085 can address?                                        1 point

   *Mark only one oval.*

   ⚪ 16K

   ⚪ 64K

   ⚪ 128K

   ⚪ 32M

   ⚪ Other: _____

# MID SEM EXAM Sub: Microprocessor, Date:04/06/2021, Time : 1 Hr

Exam contains total 20 objective type of questions. Each carries 20 marks. All questions are compulsory.

**meenakshiutsav@gmail.com** (not shared) Switch account

* Required

## Name of the student *

Your answer

## Roll no. *

Your answer

---

**Q.1. In 8085, names of 16 bit registers are...**    1 point

○ SP

○ PC

○ SP & PC both

○ none of these

---

**Q.2 STAX D instruction**    1 point

○ stores accumulator contents to address specified by DE pair

○ stores the accumulator contents in DE registers

○ exchanges contents D and E registers

---

**Q.3 STA 8200h**    1 point

○ store the contents of A to 5200h

○ copies contents of 5200h to A

○ none of these

---

**Q.4 Which of the following interrupt of 8085 is non-maskable ?**    1 point

○ INTR

○ TRAP

○ RST 7.5

○ RST 5

---

**Q.5 Which of the following interrupt of 8085 has highest priority?**    1 point

○ INTR

○ TRAP

○ RST3

○ RST 4

---

**Q.6SIM stands for ...?**    1 point

○ Simple interrupt mask

○ Simple inviolable Mask

○ Set Interrupt mask

○ set interrupt multiple

Q.7 Why multiplexing is done?                    1 point

○ To reduce signals

○ To reduce no. of pins

○ To reduce chip size

○ All of these

Q.8 JPO instruction stands for                    1 point

○ Jump to the address on Even parity

○ Jump to the address on odd parity

○ Jump to the address on outside parity

Q.9 CC stands for                    1 point

○ Compare Carry

○ Compare Register C

○ Call subroutine if carry flag is set

Q.10 In 8085, which of the following is not a hardware interrupts?                    1 point

○ RST 5.5

○ RST 6.5

○ INTR

○ RST 7.5

Q.11 8255 is a....                    1 point

○ Programmable Peripheral Interface

○ Programmable PC interface

○ Programming PC interrupt

○ Programming Peripheral Interrupt

Q.12 RET stands for                    1 point

○ Return to main program from subroutine

○ Return to subroutine from main program

Q.13 INTA stands for                    1 point

○ Interrupt acknowledgment

○ Interrupt addition

○ Identical accumulator

Q.14 subroutine is                    1 point

○ small instructions called few times in main program

○ small program called many timed in main program and stored at different address than that of main program

○ small program written in a main program

Q. 15 conditional or unconditional CALL both of these instructions are how   1 point
many bytes long

○ 2 byte

○ 1 byte

○ 3 bytes

---

Q.16 Operating frequency of 8085 is   1 point

○ 3-6 MHz

○ 300-600 KHz

○ 3-6 KHz

---

Q.17 CMP instruction   1 point

○ compare A contents with another register or data by performing subtraction and does
not store the results anywhere

○ compares A contents with register contents/ data and stores the result.

○ Compares registers B and C

---

Q 18 XCHG instruction   1 point

○ exchanges contents of DE and HL pair

○ exchanges contents of DE and BC pair

○ exchanges contents of HL and BC pair

---

Q.19 SHLD instruction   1 point

○ loads contents of memory address to HL pair

○ stores contents of HL pair to specified memory address

○ none of these

---

Q.20 DAA instruction   1 point

○ performs binary addition

○ performs BCD addition

○ performs hexadecimal addition

---

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# Dr. Babasaheb Ambedkar Technological University

| Title | Student Marks |
|---|---|
| Exam Season | Summer Semester Examinations 2021 |
| Institute | 2134 / P. E. S. College of Engineering |
| Course | 11372 / 2017 / B Tech (Electronics and Telecommunication Engineering) |
| Subject | BTEXC403 / 2020 / Microprocessor |
| Exported On | 2021/08/10 13:34:43 |

| Sl. No. | Enrollment Number | Full Name | Continuous Assessment 2 Marks / 10 Template Upload | Continuous Assessment 1 Marks / 10 Template Upload | Mid Exam Marks / 20 Template Upload | End Exam Marks / 60 |
|---|---|---|---|---|---|---|
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| 3 | 1921341372005 | NARWADE PRADNYA PRAMOD | 5 | 5 | 16 | |
| 4 | 1921341372006 | GAIKWAD PALLAVI DAYANAND | 5 | 5 | 19 | |
| 5 | 1921341372007 | BIRARE SARTHAK DEEPAK | 5 | 5 | 15 | |
| 6 | 1921341372010 | CHAVAN VINAY ASHOK | 5 | 5 | 14 | |
| 7 | 2021341293075 | PADOL KAVERI VINAYAK | 8 | 8 | 19 | |
| 8 | 2021341372002 | PANDURE SAKSHI MOHINDAR | 9 | 9 | 15 | |
| 9 | 2021341372003 | TAYDE SHITAL JAGANNATH | 9 | 9 | 18 | |
| 10 | 2021341372004 | TAYADE ANAGHA RAJESH | 6 | 6 | 15 | |
| 11 | 2021341372005 | DANDGE KALPANA ANIL | 5 | 5 | 17 | |
| 12 | 2021341372007 | DONGRE ASHWINI CHANDU | 9 | 9 | 17 | |
| 13 | 2021341372008 | MESHRAM SONALI PURAN | 5 | 5 | 12 | |
| 14 | 2021341372009 | HALDURGEKAR SWAPNIL SHANTIBHUSHAN | 9 | 9 | 17 | |
| 15 | 2021341372010 | JADHAV SAURABH SHIVAJI | 7 | 7 | 12 | |

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| 17 | 2021341372012 | GUMTE OMKAR KIRAN | 6 | 6 | 12 | |
| 18 | 2021341372013 | GAWAI DURGESH BHAURAO | 5 | 5 | 12 | |
| 19 | 2021341372014 | WAGHMARE KANCHAN UTTAM | 5 | 5 | 17 | |

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**Principal/Director**


**(Name and Signature)**

# Dr. Babasaheb Ambedkar Technological University

| Title | Student Marks |
|---|---|
| Exam Season | Summer Semester Examinations 2021 |
| Institute | 2134 / P. E. S. College of Engineering |
| Course | 11372 / 2017 / B Tech (Electronics and Telecommunication Engineering) |
| Subject | BTEXC403 / 2020 / Microprocessor |
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| Sl. No. | Enrollment Number | Full Name | Continuous Assessment 2 Marks / 15  Template Upload | Continuous Assessment 1 Marks / 15  Template Upload | Practical Marks / 10  Template Upload | Internal Practical Marks / 10  Template Upload |
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| 3 | 1921341372005 | NARWADE PRADNYA PRAMOD | 8 | 8 | 7 | 8 |
| 4 | 1921341372006 | GAIKWAD PALLAVI DAYANAND | 8 | 8 | 8 | 8 |
| 5 | 1921341372007 | BIRARE SARTHAK DEEPAK | 8 | 8 | 7 | 7 |
| 6 | 1921341372010 | CHAVAN VINAY ASHOK | 8 | 8 | 6 | 6 |
| 7 | 2021341293075 | PADOL KAVERI VINAYAK | 12 | 12 | 9 | 9 |
| 8 | 2021341372002 | PANDURE SAKSHI MOHINDAR | 14 | 14 | 9 | 9 |
| 9 | 2021341372003 | TAYDE SHITAL JAGANNATH | 14 | 14 | 9 | 9 |
| 10 | 2021341372004 | TAYADE ANAGHA RAJESH | 12 | 12 | 8 | 8 |
| 11 | 2021341372005 | DANDGE KALPANA ANIL | 12 | 12 | 9 | 7 |
| 12 | 2021341372007 | DONGRE ASHWINI CHANDU | 13 | 13 | 9 | 8 |
| 13 | 2021341372008 | MESHRAM SONALI PURAN | 12 | 12 | 7 | 7 |
| 14 | 2021341372009 | HALDURGEKAR SWAPNIL SHANTIBHUSHAN | 14 | 14 | 8 | 9 |
| 15 | 2021341372010 | JADHAV SAURABH SHIVAJI | 8 | 8 | 6 | 8 |

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**(Name and Signature)**                                          **(Name and Signature)**



**Principal/Director**


**(Name and Signature)**

# Microprocessor Quiz

SY ETC 2021 Sem: II

1. Name of the student *

_____

2. PRN No. *

_____

3. 1. 8085 microprocessor is an 8-bit microprocessor designed by?          1 point

   *Mark only one oval.*

   ⬭ IBM
   ⬭ Dell
   ⬭ Intel
   ⬭ Dallas

4. 2. In 8085, 16-bit address bus address upto how much memory?          1 point

   *Mark only one oval.*

   ⬭ 16KB
   ⬭ 32KB
   ⬭ 64KB
   ⬭ 128KB

5. 3. how many general purpose registers are present in 8085?          1 point

   *Mark only one oval.*

   ⬭ 8
   ⬭ 5
   ⬭ 2
   ⬭ 6

6. 4. which of the following flag is not present in 8085?          1 point

   *Mark only one oval.*

   ⬭ TRAP
   ⬭ Sign
   ⬭ Zero
   ⬭ Overflow

7. 5. Function of Program Counter in 8085 is          1 point

   *Mark only one oval.*

   ⬭ It is an 8-bit register, which holds the temporary data of arithmetic and logical operation
   ⬭ When an instruction is fetched from memory then it is stored in the program counter.
   ⬭ It provides timing and control signal to the microprocessor
   ⬭ It is a 16-bit register used to store the memory address location of the next instruction to be executed.

8. 6. This signal indicates that another master is requesting the use of the address and data buses.          1 point

   *Mark only one oval.*

   ⬭ READY
   ⬭ HOLD
   ⬭ HLDA
   ⬭ INTA

9.  7. Which of the following are status signal in 8085?                                          1 point

    *Mark only one oval.*

    ◯ RD, S1,S0
    ◯ I/O, S1,S0
    ◯ WR, I/O, S1
    ◯ S0,S1,S2


10. 8. MVI B, 50H instruction is the example of which of the following addressing mode?          1 point

    *Mark only one oval.*

    ◯ register addressing mode
    ◯ immediate addressing mode
    ◯ indirect addressing mode
    ◯ direct addressing mode


11. 9. Which of the following is a one byte instruction?                                          1 point

    *Mark only one oval.*

    ◯ MVI A, 12h
    ◯ MOV A,B
    ◯ LXI H, 5200H
    ◯ LDA 5400H


12. 10. Which of the following instruction copy contents of ML to Accumulator?                    1 point

    *Mark only one oval.*

    ◯ MOV A, H
    ◯ LDA 8400H
    ◯ LXI H, 4800H
    ◯ none of the above


13. 11. Which of the following register pair is used as a memory pointer                          1 point

    *Mark only one oval.*

    ◯ BC
    ◯ DE
    ◯ HL


14. 12. Which of the following is a three byte instruction?                                       1 point

    *Mark only one oval.*

    ◯ MOV D,A
    ◯ LHLD 5000h
    ◯ HLT
    ◯ SUB M


15. 13. parity flag is set when number of 1s in a result are odd. True/False?                     1 point

    *Mark only one oval.*

    ◯ True
    ◯ False


16. 14. Each memory location can set how much data?                                               1 point

    *Mark only one oval.*

    ◯ 8 bit
    ◯ 16 bit
    ◯ 2 bytes
    ◯ 4 bytes

17.    15. How many bytes instructions are present in 8085?

*Mark only one oval.*

⭕ one

⭕ two

⭕ one or two

⭕ one or two or three

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| 1 | | head etc | headetc@pescoe.ac.in | 5/5/2021 | No | N/A | 4:00 PM | 5:07 PM | 67 mins |
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| 21 | VoIP | Mayur Tulshiram Wagh | mayurwagh1041@gmail.com | 5/5/2021 | | | 9:47 AM | 11:08 AM | 81 mins |
| 22 | VoIP | Mayur Tulshiram Wagh | mayurwagh1041@gmail.com | 5/5/2021 | | | 11:10 AM | 11:26 AM | 16 mins |
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| 34 | | kaveri padol | kaveripadol12345@gmail.com | 5/5/2021 | No | N/A | 9:36 AM | 12:41 PM | 185 mins |
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| 1 | WEST | AURANGABAD | P.E.S. College of Engineering, Aurangabad | Conduct of Classes | A | Good |
| 2 | | | | Co-Curricular Activities & Extra-Curricular Activities | A | Good |
| 3 | | | | College Activity Register | B | Satisfactory |
| 4 | | | | Departmental Activity Registers | B | Satisfactory |
| 5 | | | | Discipline in the campus | A | Good |
| 6 | | | | IQAC | A | Good |
| 7 | | | | Placement | B | Satisfactory |
| 8 | | | | Departmental research | B | Satisfactory |
| 9 | | | | Career Guidance Cell | B | Satisfactory |
| 10 | | | | SWAYAM facilities | A | Good |
| 11 | | | | Library | A | Good |
| 12 | | | | Research & Laboratories | A | Good |
| 13 | | | | Games & Sports | A | Good |
| 14 | | | | Humanities and Foundation Courses | B | Satisfactory |
| 15 | | | | Teacher Evaluation by Students | B | Satisfactory |
| 16 | | | | Maintenance of Registers | B | Satisfactory |
| 17 | | | | Teaching Diaries & Plans | A | Good |
| 18 | | | | NCC / NSS | A | Good |
| 19 | | | | Women Empowerment Cell | A | Good |
| 20 | | | | Professional Club | A | Good |
| 21 | | | | Sanitation & drinking water | A | Good |
| 22 | | | | Cleanliness | A | Good |
| 23 | | | | Functioning of Teachers | A | Good |
| 24 | | | | Over All Impression on the College | A | Good |
| 25 | | | | Any Other important Observation | | |

Maintained a very good green campus with spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center. Authorized Apple Center is existed. Soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good. The International Relation Cell is activated in the institute in which the Dean IRC takes care of employment of students & higher studies in foreign countries and also the research funds for the students as well as staff.

Signatures of Academic Advisors

Dr. R. D. Kokate,
Professor, Department of
Instrumentation,
COEP Technological University,
Pune.

Dr. J. B. Naik
Director, University Institute
of Chemical Technology,
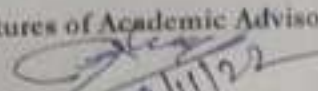K.B.C. North Maharashtra
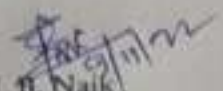University, Jalgaon.

* A(Good)/B( Satisfactory)/C (poor)

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Degree Colleges
## Format for submission of Academic Advisors Report (AAR)

| | I-COLLEGE PROFILE | |
|---|---|---|
| 1 | Name of the College, Website, email and Ph.No. | Name : P.E.S. College of Engineering, Aurangabad.<br>Website : www.pescoe.ac.in     Phone no - 0240-2403001, 2403019 |
| 2 | Name of the Principal, email & Mob.No | Name : Dr. Abhijeet P. Wadekar          email - principal@pescoe.ac.in<br>Mob.No. : 9422293400 |
| 3 | Name of the Dean Academics, email & Mob. No. | Name : Prof. S.S. Khedgikar          email - sushantssk@rediffmail.com<br>Mobile No. : 7499095947 |
| 4 | Name of the IQAC Coordinator, email & Mob. No. | Name : Dr. Siddharth K. Undirwade<br>Email : iqac_coordinator@pescoe.ac.in<br>Mobile No : 7773940032 |
| 5 | Year of Establishment & own land if any | 1994                              Own land |
| 6 | NBA accreditation | NIL |
| 7 | NAAC Grade with Cycle, Accredited Year & CGP(if not Accredited Status of Preparations) | NAAC Grade : B+ 1st Cycle<br>Year of Accreditation : March 28,2017<br>CGPA : 2.56 |
| 8 | UGC Recognition (2F & 12 B) | Recognized Under section 2(f) & 12 (B) of the UGC Act, 1956, Vide letter no. F. No. 8-28/2020 (CPP-I/C) Dated 27 October 2020. |
| 9 | College Working Hours( if shift system mention details of both shifts & give reasons for shift system) | 10:30 am  to  5:30 pm |

| 10 | No. of Posts Sanctioned:81 | Regular Faculty working 30 | Contract Working: 51 | Visiting Faculty Working: Nil |
|---|---|---|---|---|
| 11 | Course wise & Year wise Students strength particulars ( Proforma enclosed & to be submitted along with AAR) | Made available as per proforma | | |

## II-CURRICULAR ASPECTS

| | Item | Impression of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| | | Grade | Actual Status | |
| 1 | Implementation of Annual Institutional Plan | A | Annual Institutional Plan is prepared and followed, kept on record and Verified. | Good |
| 2 | Departmental Annual Curricular Plans | A | As per university academic calender, institutional and departmental academic calenders are prepared and implemented. Verified the documents. | Good |
| 3 | College Activity Register for the Academic Year | B | College Activity Details are verified and kept on the record | Satisfactory |
| 4 | Departmental Activity Registers ( Dept. Wise) | B | Details are verified and kept on the record | Satisfactory |
| 5 | Add-on Courses (Department-wise) completed during Academic Year | A | All records and details are available. | Good |

| 6 | Add-on Courses (Department-wise) in Academic Year | A | All records and details are available. | Good |
|---|---|---|---|---|
| 7 | Coverage of Syllabus (Average Percentage) | A | Allmost 90% Syllabus has been covered and has been put on the record | Good |
| 8 | Teaching of Humanities & Foundation Courses | A | The Humanities & Foundation subjects are available as per afiliating university curricullum and tehsa me is taught to the students. Teaching on human values performed, completion details and special methodologies are available. | Good |
| 9 | Teaching of Environmental Science and Ethics | A | All records and details are available. | Good |
| 10 | No. of New UG & PG Courses introduced this year: | --- | Nil | --- |
| 11 | Maintenance of Student Attendance Registers | A | Student attendeance registers are well maintained along with online attendance records are verified. | Good |
| 12 | Feedback forms on Curriculum from students | A | Curriculum feed back from students is taken. Suggested gaps are bridged through activity such as guest lectures , add-on courses, industrial visits, training programs. | Good |
| | III-TEACHING, LEARNING & EVALUATION | | | |
| 1 | Teaching Diaries & Plans in the Prescribed Formats | A | All the formats and documents are verified and kept on record. | Good |

| | | | | |
|---|---|---|---|---|
| 2 | Co-Curricular Activities ( College Level) | B | Documents of all co-curricular activities are available, verified and kept on record | Satisfactory |
| 3 | Academic Competitions ( College & Above level) | A | Various academic compitions like quizes, debates, etc. for the students and the staff were arranged and data has been made available. | Good |
| 4 | Conduct of Internal Examinations | A | Internal Examinations (i.e. Periodic tests, MCQs etc.)  are regularly conducted. Proofs of all records are maintained. | Good |
| 5 | Subject wise result analysis | A | Subject wise result analysis is performed regularly and records are mainained. | Good |
| 6 | Teacher wise result analysis | A | Teacher wise result analysis are done regularly and records are mainained. | Good |
| 7 | Remedial Classes | A | Extra classes were provided to the students of the institute as a remedial process  for some core and difficult subjects. | Good |
| 8 | Record of Evaluation of Teachers  by Students | B | The feed back from students is collected regularly to evaluate Teachers performance. The analysis and Action taken report is maintained. | Satisfactory |

| | IV-RESEARCH AND CONSULTANCY | | | |
|---|---|---|---|---|
| 1 | Is the College a Recognized Research Centre | A | Yes | Good |
| 2 | No. of Research Guides in the College | A | 7 | All Eligible Teachars shall apply to University |
| 3 | No. of Research Scholars working for Masters & Ph. D | A | PhD - 09,     Masters - 43 | Good |
| 4 | Major/Minor/Other Research Projects | C | Nil | Poor |
| 5 | Research Papers Published in Academic year ( International /National ) | A | The papers published in conferences and journals are kept on record | Good |
| 6 | Papers Presented in Academic year ( International /National/ State ) | A | The papers published in conferences and journals are kept on record | Good |
| 7 | Books Published in Academic year (Single Author/ Co Author) | A | Record is available. | Good |
| 8 | Seminars/Workshops/ Training Programme Conducted in Academic year ( International /National/ State ) | A | Various  training programs like webinars, symposiums, workshops, seminars, FDPs, guest lectures, video sessions for staff as well as students are conducted and are kept on record. | Good |

| | | | | |
|---|---|---|---|---|
| 9 | Record of Consultancy in Academic year | B | Consultancy projects worth Rs 338376/- has been undertaken and all the details presented before the committee. The institutinal faculty has taken the efforts to submit research proposals. Total Grants from Government and non-governmental agencies for research projects / endowments in the institution is 34.57 Lakh. The documents of such proposals were kept on record | Satisfactory |
| 10 | Record of MOUs in Academic year | A | MOU with 06 no of company signed its assessment of outcome kept on records | Good |
| | V-EXTENSION ACTIVITIES | | | |
| 1 | Record of Subject/Department Related Extension Activities | A | Blood Donation Camp, Swachata Abhiyan, Counseling and tree plantation programs, Awareness, importance and demonstration of water harvesting system, Expert guest lecturers/webinar about energy saving and safety, awareness about Importance of Energy saving etc. activities are conducted and Students clubs for this activities are formed. Documents of this activities are verified and kept on record. | Good |
| 2 | Name of the NSS PO & Mobile No. | A | Name : Prof M. S. Potdar Mobile No.: 9028582138 | Good |

| 3 | NSS Attendance register | A | Available | Good |
|---|---|---|---|---|
| 4 | NSS Activity register | A | Available | Good |
| 5 | Name of the NCC ANO & Mobile No. | ---- | NA | ---- |
| 6 | NCC Attendance register | ---- | NA | ---- |
| 7 | NCC activity register | ---- | NA | ---- |
| 8 | Name of the Professional Club Coordinator & Mobile No. | A | List of Professional Clubs and coordinators : 1. Computer Society of India<br>Name : Prof. B. S. Pawar<br>Mobile no. 8793377377<br>2. Indian Society of Technical Education<br>Name : Dr. R.G. Pungle<br>Mobile No. 94234525533<br>3. Institute of Engineers<br>Name : Dr. R.G. Pungle<br>Mobile No. 94234525533<br>4. SAE India<br>Name : Dr. R.G. Pungle<br>Mobile No. 94234525533 | Good |
| 9 | Professional Club Activities | A | Activities of various professional clubs are conducted and kept on record | Good |
| 10 | Name of the Women Empowerment Cell Coordinator & Mobile No. | A | Name - Mrs. A. A. Tupe<br>Mobile No- 9422204505 | Good |

| 11 | WEC Activities | A | 1. Workshop on " Health is Wealth" on 11/03/2022     Participatns : 60<br>2.Online Digital Poster Competition Title: "Women's Contribution in Digital India", Date: 09-03-2022        Total participant: 10<br>3: Workshop 18 hours study program 10.03.2020. Gender Equality Promtional program. Date: 09-04-2022 Participants: 80<br>4. Online seminar "Awareness of NDLI and NDLI club".Date: 22-04-2022 Participants: 78<br>All these activities are kept on record | Good |
|----|----------------|---|-----------------------------------------------|------|
| 12 | Name of the Eco-Club Coordinator & Mobile No. | A | Prof. S. M. Kulkarni<br>Mobile No- 9422712775 | Good |
| 13 | Eco- Club Activities | A | Miyawaki Solidarity (Dense Forest) Project: Planting of dense forests of more than 1,200 saplings and more than 40 indigenous species in an area of 4,000 square feet. | Good |
| 14 | Name of the Consumer Club Coordinator & Mobile No. | B | Name - Prof. T. U. Padghan<br>Mobile No- 9373272831 | Satisfactory |
| 15 | Consumer Club Activities | C | Nil | Poor |
| 16 | Innovation Activity club | A | Incubation center is available for this activity. | Good |

| 17 | Technology Development and Transfer Cell Activities | A | Following records are available. 1. Authorized Apple lab is established and the faculty are traind for starting the students trainning . 2. ERP system is developed for sharing learning resources by faculty with students. Features to conduct online tests, assignments are available. | Good |
|---|---|---|---|---|
| 18 | Any other Club | A | 1. E-Yantra Club : This is a centralised club for the skill development of the students. The senior faculty members of all the departments organised various activities on robotics skill development of the students of all the branches . Academic projects of the students are completed successfully under this club and internship is provided to the 62 students through this club. 2. Departmental student organizations are actively conducting various programs like social activities and technical activities. | Good |

<table>
<tr><td colspan="5" align="center"><strong>VI-LEARNING RESOURCES</strong></td></tr>
<tr><td>1</td><td>Name of the Librarian & Mob.No</td><td>A</td><td>Name :Mrs. A. A. Tupe<br>Mob. No :9422204505</td><td>Good</td></tr>
<tr><td>2</td><td>Access timings of the Library</td><td>A</td><td>10.30am to 5.30pm<br>(During Exam: 8.30am to 12 Mid Night)</td><td>Good</td></tr>
</table>

| 3 | Circulation of Books among Students | A | Books are circulated under issue section, reference section and book bank section | Good |
|---|---|---|---|---|
| 4 | Availability of Previous years Question papers | A | It is available in hard copy and soft copy. | Good |
| 5 | Availability of model answers of previous examinations | A | Verified and kept on record. | Good |
| 6 | Record of Visitors to Library | A | Maintained in register. Verified and kept on record. | Good |
| 7 | Status of Library Automation | A | Working (Name of Library automation software : Libman ) | Good |
| 8 | e- Resources & e-Journals | A | 1. DELNET 2. NDL 3. K Hub | Good |
| 9 | Number of E-Journals | A | 9719 | Good |
| 10 | Number of Print Journals | A | 56 | Good |
| 11 | Access to NPTEL courses | A | Access is available. List of students registred for NPTEL courses and the result of these course exams are available and verified. | Good |
| 12 | Access to Spoken Tutorials | A | Spoken Tutorial workshops on various technologies and related examinations are conducted and kept on record | Good |
| 13 | Access to e-learning tutorials | A | Students and teachers are guided for e-learning tutorials. | Good |

| 14 | TED-X activity on campus | A | Available | Good |
|---|---|---|---|---|
| | **VII-Student Support Activities** | | | |
| 1 | **Name of Dean/Faculty Incharge & Mob.No** | **A** | **Prof. S. M. Kulkarni     9422712775** | **Good** |
| 2 | **Activities and Support for Sports** | **A** | **Sports in-charge is appointed for such activities. It is observed that students are participating in various sports activities at State, University, National level and Bagging prizes and Awards** | **Good** |
| 3 | **Records of events conducted and significant achievements in Sports & Games** | **A** | **The different events are arranged, The Internal sports activities like Carrom, Chess, Badminton etc. are conducted in the institute and the record is maintained.** | **Good** |
| 4 | **Record of cultural programmes conducted** | **A** | **Cultural programmes are conducted and kept on record** | **Good** |
| 5 | **Record of any other extra-curricular activities conducted** | **A** | **Extra-curricular activities are conducted, and has been kept on record** | **Good** |
| 6 | **Record of Students trained in different verticals** | **A** | **Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution is 926. The students are trainned for GATE examination.** | **Good** |
| 7 | **Record of Student placed in In campus placement** | **B** | **Total 83 students were placed in various industries and record is made available.** | **Satisfactory** |

| 8 | Name of Career Guidance Coordinator and Mob.No | B | Name : Prof. V.V. Kulkarni<br>Mobile No.: 9420809618 | Satisfactory |
|---|---|---|---|---|
| 9 | Record of activities Career Guidance and placement cell | B | The Career guidance cell and placement cell is formed in the institute. Various activities conducted under Career guidance cell and placement cell are kept on record. | Satisfactory |
| 10 | Name of Departmental Research Coordinator & Mob. No. | A | Dr. M.M. Dhobe          9860625441 | Good |
| 11 | Implementation of Departmental Research Plan | A | The Dean R&D prepares the reaserch plan under the guidance of the Principal and implements it at department as well as institute level | Good |

| 12 | IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc) | A | IQAC is formed as per the norms of NAAC.  Committee meet twice in a year. The various activities at institute level and various department levels are organized under IQAC and the record is maintained as activity reports with concerned supporting documents. The action plan, IQAC Meeting register with minutes of meeting are kept on record. The AQARs are submitted to the NAAC regularly and copies of all AQARs with yearwise supporting documents are maintained. The AQAR Report Review of all years generated on NAAC web portal are kept on record as a proof of submission. IQAC Committee gives suggestions for the improvement and were kept on record | Good |
|----|----|----|----|----|
| 13 | Record of Alumni Association Activities | A | Registered Allumni association exists in the institute and record was made available.  Alumni meetings are conducted by institute.  Alumni contribute by the way of Guest lecture, Placement. | Good |
| 14 | Record of Grievance Redressal Cell / Anti Ragging Cell | A | Grievance Redressal Cell / Anti Ragging Cell is activated in the institute & committee meets twice in a semester. | Software recommended by AICTE to be Purchased |

| 15 | Awards and Prizes earned by students | A | The students of the institute have participeted in various events and activities and earned prizes and awards. | Good |
|---|---|---|---|---|
| 16 | Mentoring / Counseling System | A | Teacher guardian scheme is implemented in the institute wherein faculty mentors or teacher guardians are looking after evry concern and overall development of the students alloted to them. | Good |

### VIII-Basic Amenities

| 1 | Maintenance of drinking water | A | There is installation of RO system for Drinking water and is maintained frequently. | Good |
|---|---|---|---|---|
| 2 | Maintenance of Sanitation | A | Maintenance is being carried out and monitored regularly. | Good |
| 3 | Rest room for women students | A | Rest room with adequate facilities for women students is available. | Good |
| 4 | Greenery & Cleanliness | A | Campus is well maintained and Green. Geen audit is done. House keeping contract is given for cleanliness. | Good |
| 5 | Health Care Facility | A | Appointment of medical officer is made. | Good |
| 6 | Canteen | A | Canteen contract and mess contract is made. Agreement of this is available and kept on record. | Good |

### IX-GOVERNANCE AND LEADERSHIP

| 1 | Staff meetings Register | A | Record is made available. | Good |
|---|---|---|---|---|

| 2 | Functioning of Committees in Administration ( Minutes of Meetings) | A | Details are made available. | Good |
|---|---|---|---|---|
| 3 | Awards/Achievements of faculty | A | Record is made available. | Good |
| 4 | Faculty development initiatives | A | Faculties are promoted through initiatives taken by the institute for their developments in academic achievements ( higher education), knowledge upgradation (FDP,STTP, Conferences) | Good |
| **X - IT INITIATIVES** | | | | |

| Item | Impressions of Academic Advisor with grade A(Good)/B(Satisfactory)/C (poor) after observation | | Recommendations/Suggestions by Academic Advisors |
|---|---|---|---|
| | Grade | Actual Status | |
| 2 Internet Centre | A | Internet connection with speed 300 MBPS. All computers are having internet connection. | Good |
| 3 Computer labs ( No. of labs & working systems) | A | Total number of Computers = 407. Total number of Computer labs = 23 | Good |

XI-Best Practices

| | Item | Grade | Actual Status | Recommendations |
|---|---|---|---|---|
| 1 | Record of best/innovative practices by the institution | A | Record is made available. | Good |
| 2 | College Activity Register/ Annual Report | B | Record is made available | Satisfactory |
| | Hard Copy of AQAR | A | Record is made available | Good |
| 3 | Over All Impression on the College | A | Maintained a very good green campus with spacious and well equipped laboratories, International Relation Centre for foreign languages, Innovation center. Authorized Apple Center is existed. Soft skills and employability skills programs conducted for students. Feedback system exists, however need to be strenghtened. Faculty shall write research proposals for funding. Participation in sports and cultural activities is good. The International Relation Cell is activated in the institute in which the Dean IRC takes care of employment of students & higher studies in foreign countries and also the research funds for the students as well as staff. | |

Signature of the Dean Academics

Signatures of Academic Advisors

1. Dr. R. D. Kokate,
Professor, Department of Instrumentation,
COEP Technological University, Pune.

Director,
2. Dr. J. B. Naik,
University Institute of Chemical Technology, K.B.C. North Maharashtra University, Jalgaon.

Signature of the Principal

# Dr. Babasaheb Ambedkar Technological University
## Academic Audit of Degree Colleges
### Format-I (Institutional Data)

**Centre/SubCentre :**                                    **District :**

| | I-COLLEGE PROFILE | |
|---|---|---|
| 1 | Name of the College, Website, email and Ph.No. | Name : P.E.S. College of Engineering, Aurangabad.  Website : www.pescoe.ac.in  Phone no - 0240-2403001, 2403019 |
| 2 | Name of the Principal, email & Mob.No | Name : Dr. Abhijeet P. Wadekar                email - principal@pescoe.ac.in  Mob.No. : 9422293400 |
| 3 | Name of the Dean Academics, email & Mob. No. | Name : Dr. G. P. Kamble              email - kamblegp.14@gmail.com              Mobile No. : 9423745007 |
| 4 | Name of the IQAC Coordinator, email & Mob. No. | Name : Dr. Siddharth K. Undirwade  Email : iqac_coordinator@pescoe.ac.in  Mobile No : 7773940032 |
| 5 | Year of Establishment & own land if any | 1994                          Own land |
| 6 | NBA accreditation of courses | NIL |
| 7 | NAAC Grade with Cycle, Accredited Year & CGPA ( Status of preparation if not Accredited) | NAAC Grade : B+ 1st Cycle  Year of Accreditation : March 28,2017                          CGPA : 2.56 |
| 8 | UGC Recognition (2F & 12 B) | Recognized Under section 2(f) & 12 (B) of the UGC Act, 1956, Vide letter no. F. No. 8-28/2020 (CPP-I/C) Dated 27 October 2020. |
| 9 | College Working Hours( if shift system mention details of both shifts & give reasons for shift system) | 10:30 am  to  5:30 pm |

| 10 | No. of Posts Sanctioned:81 | Regular Faculty Working: 30 | Contract Faculty Working: 51 | Visiting Faculty: NIL |
|---|---|---|---|---|
| 11 | Course Wise & year Wise Students strength particulars ( Proforma enclosed ) | Made available as per proforma. Total student Strength UG- 1364 and PG- 74 | | |

## II-CURRICULAR ASPECTS

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 12 | Implementation of Annual Institutional Plan | Annual Institutional Plan is prepared and followed, kept on record and Verified. | A | Good |
| 13 | Departmental Annual Curricular Plans | As per university academic calender, institutional and departmental academic calenders are prepared and implemented. Verified the documents. | A | Good |
| 14 | Whether the above two circulated among Students? | Yes. Displayed on the central and departmental notice boards and also uploaded on the website. | A | Good |
| 15 | College Activity Register during the academic year | College Activity Details are verified and kept on the record | B | Satisfactory |

| 16 | College Calendar/College Magazine | College Academic caledar, Magazines and brochures are available, and uploaded on the website. | A | Good |
|----|-----------------------------------|------------------------------------------------------------------------------------------------|---|------|
| 17 | Add-on Courses (Department-wise) completed during previous year | All records and details are available and verified. | A | Good |
| 18 | Add-on Courses (Department-wise) during current academic year | All records and details are available verified. | A | Good |
| 19 | Coverage of Syllabus (Average Percentage) | Allmost 90% Syllabus has been covered and has been put on the record | A | Good |
| 20 | Teaching of Humanities & Foundation Courses | The Humanities & Foundation subjects are available as per afiliating university curricullum and taught to the students. Teaching on human values performed, completion details and special methodologies are available. | A | Good |
| 21 | No. of New UG & PG Courses introduced this year: | Nil | -- | |
| 22 | Maintenance of Student Attendance Registers | Student attendeance registers are well maintained along with online attendance records are verified. | A | Good |

## III-TEACHING, LEARNING & EVALUATION

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 23 | Teaching Diaries & Teaching Plans in Prescribed Formats | All the formats and documents are verified and kept on record. | A | Good |
| 24 | Co-Curricular Activities ( College level ) | Documents of all co-curricular activities are available, verified and kept on record | B | Satisfactory |
| 25 | Academic Competitions ( College Level & Above) | Various academic compititions like quizes, debates, etc. for the students and the staff were arranged and data has been made available. | A | Good |
| 26 | Conduct of Internal Examinations-Unit, Half-Yearly and Prefinal | Internal Examinations (i.e. Periodic tests, MCQs etc.) are regularly conducted. Proofs of all records are maintained. | A | Good |
| 27 | Subject wise result analysis | Subject wise result analysis is performed regularly and records are mainained. | A | Good |
| 28 | Teacher wise result analysis | Teacher wise result analysis are done regularly and records are mainained. | A | Good |

| | | | Impression of Academic Advisor along with grade A(Good)/ B(Satisfactory)/ C (poor) after Observation | |
|---|---|---|---|---|
| 29 | Remedial Classes | Extra classes were provided to the students of the institute as a remedial process for some core and difficult subjects. | A | Good |
| 30 | Record of Evaluation of Teachers by Students | The feed back from students is collected regularly to evaluate Teachers performance. The analysis and Action taken report is maintained. | B | Satisfactory |

## IV-RESEARCH AND CONSULTANCY

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 31 | Is the College a Recognized Research Centre | Yes | A | Good |
| 32 | No. of Research Guides in the College | 7 | A | All Eligible Teachars shall apply to University |
| 33 | No. of Research Scholars working for Masters & Ph. D | PhD - 09, Masters - 43 | A | Good |
| 34 | Major/Minor/Other Research Projects | Nil | C | Poor |

| | | | | |
|---|---|---|---|---|
| 35 | **Research Papers Published in previous academic year (International/ National )** | **The papers published in conferences and journals are kept on record** | **A** | **Good** |
| 36 | **Papers Presented in previous academic year(International/ National/ State )** | **The papers published in conferences and journals are kept on record** | **A** | **Good** |
| 37 | **Books Published in previous Academic year ( Single Author/ Co Author)** | **Record is available.** | **A** | **Good** |
| 38 | **Seminars/Workshops/ Training Programme Conducted in previous academic year (International/ National/ State )** | **Various  training programs like webinars, symposiums, workshops, seminars, FDPs, guest lectures, video sessions for staff as well as students are conducted and are kept on record.** | **A** | **Good** |
| 39 | **Record of Consultancy in previous academic year** | **Consultancy projects worth Rs 338376/- has been undertaken and all the details presented before the committee. The institutinal faculty has taken the efforts to submit research proposals. Total Grants from Government and non-governmental agencies for research projects / endowments in the institution is 34.57 Lakh. The documents of such proposals were kept on record** | **B** | **Satisfactory** |

| 40 | Record of MoUs in previous academic year | MOU with 06 no of company signed its assessment of outcome kept on records | A | Good |
|---|---|---|---|---|

## V-EXTENSION ACTIVITIES

| | Item | Status ( Give Details, not just Yes/No) | Impression of Academic Advisor along with grade A(Good)/ B( Satisfactory)/ C (poor) after Observation | Recommendation/Suggestions by Academic Advisors |
|---|---|---|---|---|
| 41 | Record of Subject/Department Related Extension Activities | Blood Donation Camp, Swachata Abhiyan, Counseling and tree plantation programs, Awareness, importance and demonstration of water harvesting system, Expert guest lecturers/webinar about energy saving and safety, awareness about Importance of Energy saving etc. activities are conducted and Students clubs for this activities are formed. Documents of this | A | Good |

| | | activities are verified and kept on record. | | |
|---|---|---|---|---|
| 42 | Name of the NSS PO & Mobile No. | Name : Prof M. S. Potdar Mobile No.: 9028582138 | A | Good |
| 43 | NSS Attendance register | Available | A | Good |
| 44 | NSS Activity register | Available | A | Good |
| 45 | Name of the NCC ANO & Mobile No. | NA | ---- | ---- |
| 46 | NCC Attendance register | NA | ---- | ---- |
| 47 | NCC activity register | NA | ---- | ---- |

| 48 | Name of the professional Club Coordinator & Mobile No. | List of Professional Clubs and coordinators : 1. Computer Society of India Name : Prof. B. S. Pawar Mobile no. 8793377377 2. Indian Society of Technical Education                Name : Dr. R.G. Pungle Mobile No. 94234525533 3. Institute of Engineers Name : Dr. R.G. Pungle Mobile No. 94234525533 4. SAE India Name : Dr. R.G. Pungle Mobile No. 94234525533 | A | Good |
|---|---|---|---|---|
| 49 | Professional Club Activities | Activities of various professional clubs are conducted and kept on record | A | Good |
| 50 | Name of the Women Empowerment Cell (WEC) Coordinator & Mobile No. | Name - Mrs. A. A. Tupe Mobile No- 9422204505 | A | Good |

| 51 | WEC Activities | 1. Workshop on " Health is Wealth" on 11/03/2022 Participatns : 60<br>2.Online Digital Poster Competition<br>Title: "Women's Contribution in Digital India", Date: 09-03-2022 Total participant: 10<br>3: Workshop 18 hours study program 10.03.2020. Gender Equality Promtional program. Date: 09-04-2022 Participants: 80<br>4. Online seminar "Awareness of NDLI and NDLI club".Date: 22-04-2022    Participants: 78<br>All these activities are kept on record | A | Good |
|---|---|---|---|---|
| 52 | Name of the Eco-Club Coordinator & Mobile No. | Prof. S. M. Kulkarni Mobile No- 9422712775 | A | Good |
| 53 | Eco- Club Activities | Miyawaki Solidarity (Dense Forest) Project: Planting of dense forests of more than 1,200 saplings and more than 40 indigenous species in an area of 4,000 square feet. | A | Good |
| 54 | Name of the Consumer Club Coordinator & Mobile No. | Name - Prof. T. U. Padghan Mobile No- 9373272831 | B | Satisfactory |
| 55 | Consumer Club Activities | Nil | C | Poor |

| 56 | Any other Club | 1. E-Yantra Club : This is a centralised club for the skill development of the students. The senior faculty members of all the departments organised various activities on robotics skill development of the students of all the branches . Academic projects of the students are completed successfully under this club and internship is provided to the 62 students through this club.<br>2. Departmental student organizations are actively conducting various programs like social activities and technical activities. | A | Good |
|---|---|---|---|---|

| | VI-LEARNING RESOURCES | | | |
|---|---|---|---|---|
| 57 | Name of the Librarian & Mob.No | Name :Mrs. A. A. Tupe Mob. No :9422204505 | A | Good |
| 58 | Access timings of the Library | 10.30am to 5.30pm (During Exam: 8.30am to 12 Mid Night) | A | Good |
| 59 | Circulation of Books among Students | Yes. Books are circulated under issue section, reference section and book bank section | A | Good |

| 60 | Availability of Previous years Question papers | Yes. It is available in hard copy and soft copy. | A | Good |
|---|---|---|---|---|
| 61 | Record of Visitors | Yes(Maintained in register). Verified and kept on record. | A | Good |
| 62 | Status of Library Automation | Working (Name of Library automation software : Libman ) | A | Good |
| 63 | e-Lessons & e-Resources/ e-Journals | 1. DELNET 2. NDL 3. K Hub | A | Good |
| 64 | Usage of Internet by students in the Library | Yes (Maintained in register) | A | Good |
| 65 | Name of SWAYAM Coordinator & Mob.No | Name - Dr. S. V. Mundhe Mobile No. - 9175384366 | A | Good |
| 66 | Status of SWAYAM facilities functioning | Students and teachers are guided for registration of online courses of SWAYAM. Total 1444 enrollments are there wherin 265 registered for the exams. 161 candidates successfully completed and passed the exam along with 9 mentors. | A | Good |
| 67 | Whether SWAYAM schedule is circulated to the students | Schedule of SWAYAM courses is circulated to all departments to display on notice board. Student can also see it online on NPTEL website. | A | Good |

| 68 | Maintenance of SWAYAM Viewers' Register | Register is maintained well and kept on record | A | Good |
|---|---|---|---|---|

| | VII-Student Support Activities | | | |
|---|---|---|---|---|
| 69 | Name of the Physical/Sports Director & Mob.No | Name : Prof. D. N. Kakde Mobile No : 9049155005 | A | Good |
| 70 | Record of Physical Education/Sports Department | The Internal sports activities like Carrom, Chess, Badminton etc. are conducted in the institute. The university has not conducted any intercollege sports activity. But the previous records show the participation/representation of the students in the sports activities like badminton, football and basketball at the university level. | C | Poor |
| 71 | Records of events conducted | The different events are arranged and all the activity reports kept on record | A | Good |
| 72 | Records of significant achievements in Sports & Games | The Internal sports activities like Carrom, Chess, Badminton etc. are conducted in the institute and the record is maintained. | B | Satisfactory |

| 73 | Record of Cultural programmes conducted | Cultural programmes are conducted and kept on record | A | Good |
|---|---|---|---|---|
| 74 | Record of any other extra-curricular activities conducted | Yes, and has been kept on record | A | Good |
| 75 | Maintenance of Placement Cell facilities & records | Qualified independent placement officer is appointed and supported by each departmental coordinator to enhance the employbility skills of the students on an average package to placed students is Rs5.5 lacks Per Annum Placement Cell Facilities: 1. Two air conditioned Seminar halls (with capacities of 400 and 120 each) equipped with audio system, LCD projectors and internet facility. 2. Two air conditioned Interview cabins. 3. One GD room with capacity of group of 15 students. 4. GATE tutor portal for all students          5. RPA Blue Prism, AWS, Network Security, (2) Cyber Security: Vulnerability Assessment and Penetration Testing, (3) Security Operations | A | Good |

| | | Fundamentals etc. All the above details were kept on record | | |
|---|---|---|---|---|
| 76 | Record of Student trained and placed | The training record as well as students placed has been verified and kept on record | B | Satisfactory |
| 77 | Name of Career Guidance Cell Coordinator & Mob.No | Name : Prof. V.V. Kulkarni Mobile No.: 9420809618 | B | Satisfactory |
| 78 | Record of activities Career Guidance | Career Guidence activities are organized and kept on record. | B | Satisfactory |
| 79 | Departmental Review Committee (DRC) Coordinator & Mob. No. | Departmental Review Committees (DRC) are formed in every department consisting of three senior facculties with HOD as a coordinator of concern committee. | A | Good |
| 80 | Implementation of DRC Action Plan | Activities such as academic planning, implementation, outcome, reviews of the activities are taken frequently. | B | Satisfactory |

| 81 | IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc) | Action Plan :<br>1. To conduct internal academic audit of faculties.<br>2. To conduct administrative audit of the institute.<br>3. To arrange training programs for non teaching staff.<br>4. To collect feedback forms from all stakeolders. Minutes of Meeting register is maintained. Proof of submission of AQAR to NAAC is attached herewith. Activity Register is maintained.<br>IQAC at institute level as per the norms of NAAC. Committee meet twice in a year. Committee give suggestions for the improvement and were kept on record | A | Good |
|---|---|---|---|---|
| 82 | Record of Support by Alumni Association | Record of Registered Allumni association of institute was made available for observation. As per the record meeting of allumnis are conducted. Allumni contributed by way of Guest lecture, Placement . | A | Good |

| 83 | Record of Grievance Redressal Cell / Anti Ragging cell | Grievance Redressal Cell exists & committee meets twice in a semester. | A | AICTE recommended Software to be Purchased |
|---|---|---|---|---|
| 84 | Record of Anti Ragging cell | Anti Ragging Cell exists. Committee Visits hostels frequently and ensures no Ragging takes place in the hostel. Further Committee also spreads awareness amongst students about Maharashtra State Anti Ragging Act. | A | Good |

| | VIII-Basic Amenities | | | |
|---|---|---|---|---|
| 85 | Maintenance of drinking water | RO system for Drinking water is installed and frequent maintenance of related set up is being carried out. | A | Good |
| 86 | Maintenance of sanitation | Regular Maintenance is being carried out and monitored. | A | Good |
| 87 | Rest room for women students | Rest room for women students is available with adequate facilities. | A | Good |
| 88 | Greenery | Green campus is well Maintained. Green audit is done. | A | Good |
| 89 | Cleanliness | House keeping contract is given for this purpose. | A | Good |

| 90 | Health Care Facility | Appointment of medical officer is made. | A | Good |
|----|----------------------|------------------------------------------|---|------|
| 91 | Canteen | Canteen contract and mess contract is made. Agreement of this is available. | A | Good |

| IX-GOVERNANCE AND LEADERSHIP | | | | |
|----|----------------------|------------------------------------------|---|------|
| 92 | Management Committee Register | Record is made available. | A | Good |
| 93 | Functioning of Committees in Administration ( Minutes of meetings) | Details are made available.. | A | Good |
| 94 | Awards/Achievements | Record is made available. | A | Good |
| 95 | Faculty development initiatives if any | Faculties are promoted through initiatives taken by the institute for their developments in academic achievements ( higher education), knowledge upgradation (FDP,STTP, Conferences) | A | Good |

| X - IT INITIATIVES | | | | |
|----|----------------------|------------------------------------------|---|------|
| 96 | E-Class rooms ( Number & Usage) | 07 , Frequently used. | A | Good |
| 97 | Internet Centre | Internet connection with speed 300 MBPS. All computers are having internet connection. | A | Good |

| 98 | Computer labs (No. of labs & working systems) | Total number of Computers = 407. Total number of Computer labs = 23 | A | | Good |
|----|-----------------------------------------------|---------------------------------------------------------------------|---|---|------|
| 99 | Record of best/innovative practices by the institution | XI-Best Practices | | | |
|    |                                               | Record is made available and verified. | A | | Good |
| 100 | College Activity Register & Hard Copy of AQAR of previous year ( should be available with the Principal) | Record is made available and verified. | A | | Good |

Signature of the Dean Academics

Signatures of Academic Advisors

Signature of the Principal

1. Dr. R. D. Rokate

Note: the Format is to be filled by the Principal and submitted to the Academic Audit Team.

2. Dr. J. B. Naik

# P.E.S. COLLEGE OF ENGINEERING

## A u r a n g a b a d. (M.S)

Ref. No.: PESCOE/2022-23/Office/1129

October 03, 2022

## C I R C U L A R

All the heads of the department are hereby informed that, Dr. Babasaheb Ambedkar Technological University, Lonere *(external audit committee)* is visiting our Institute. In this regard the internal academic is scheduled as given below.

All are requested to keep ready academic audit format-II of academic year 2021-22 of all depatmental staff upto **10/10/2022**.
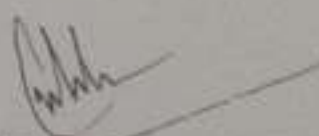
The academic audit format-II is send to your respective heads E-mail iD.

### Schedule of internal audit.

| Date | Department | Time |
|------|-----------|------|
| 11/10/2022 | Mechanical Engg. Deptt. | 11.00 am to 1:30 pm |
| | Computer Sci. & Engg. Deptt. | 2.30 pm to 5.30 pm |
| 12/10/2022 | Electrical Engg. Deptt. | 11.00 am to 1.30 pm |
| | Civil Engg. Deptt. | 2.30 pm to 5.30 pm |
| 13/10/2022 | ETC Engg. Deptt. | 11.00 am to 1.30 pm |
| | Applied Science Deptt. | 2.30 pm to 5.30 pm |

Internal audit committee members :

- ➤ Chairman : Princiapl
- ➤ Member : IQAC Co-ordinator
- ➤ Member : Academic Dean

(DR. ABHIJEET P. WADEKAR),
PRINCIPAL
P.E.S. College of Engineering,
A u r a n g a b a d.

Copy to : IQAC Co-ordinator/Academic Dean/All Heads.

P .E. S. College of Engineering, Aurangabad
Internal Audit: Check list — 2021-22
Department: Electrical Engineering

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | NDK |
| 5 | Annual Curricular plan | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 6 | Curriculum enrichment / Value addition | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 7 | Whether conducting Add on Courses & role in conduct of course | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | | ✗ | ✗ | ✗ |
| 8 | Feedback from students | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | NDK |
| 9 | Teaching Diary & Teaching Plan | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 10 | Coverage of syllabus so far (%) | PC-90], PSOC-8y[POH] 90/CS-]12! | HYDC PEM]-]11! | EM-12! ED 7% | P.E-3% HA-99! | nHm(- 74- 90! | SSD-1%!, BAS-70/ e5-x | AF-] ABE!-98% 25- | | | ✗ | PPE-79! SAC-19! PSOC-95! | EM-]1%! EA-]1%! |
| 11 | Record of students attendance | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 12 | Use of ICT - PPT & Audio-video Aids | ✓ | ✓ | ✓ | ✓ (video-✗) | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 13 | Record of students assignments | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✗ | ✓ | ✗ |
| 14 | Record of field trips | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✗ | ✗ |
| 15 | Record of student seminars conducted | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |

| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | KSG NDK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Record of academic competitions conducted if any (Quiz, Role play) | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | | ✗ | ✗ | ✗ |
| 17 | Other Student centric learning Methods | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | | ✗ | ✓ | ✗ |
| 18 | Record of Extension Lectures given | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✓ | ✗ |
| 19 | Record of invited lectures arranged | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✓ | ✗ | ✗ |
| 20 | Record of internal examinations and University Exams | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | ✗ | विषय | | विषय | विषय | विषय |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✗ | ✗ |
| 22 | Record of remedial classes conducted for slow learners | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | | ✗ | ✗ | ✗ |

## Research, Extension and consultancy

| Sr. No | Activity | Name of staff | | | | | | | | | | | KSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | ~~NDK~~ |
| 23 | Record of Research work (Paper publication, Book publication, Articles) | P-05 B-Nil | P-02 B-Nil | P-07 B-Nil | P-06 B-Nil | P-04 B-Nil | P-01 B-Nil | P-02 B-Nil | P-Nil B-Nil | | P-Nil B-Niv | P-14 B-Nil | P-01 B-01 |
| 24 | Record of Student Projects | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 25 | Record of seminars / workshops attended / organized /Papers presented | FDP-04 P present-1 | FDP-02 present X | FDP-01 orediary X SN-Nil | FDY- X | FDP- X | X | FDP-04 X | FDP- ✓ | | ✓ | FDP- X | FDP. seny mfc |
| 26 | Record of extension work undertaken | ✓ | X | ✓ | X | ✓ | X | X | X | | X | ✓ | X |
| 27 | Record of MoUs, if any | X | X | X | X | X | X | X | X | | X | X | X |
| 28 | Record of Consultancy work | X | X | X | X | X | X | X | X | | X | X | X |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | | | KSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | ~~NDK~~ |
| 29 | Utilization of Departmental Library | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 30 | Availability of CDs, Videos , NPTEL | ✓ | ✓ | X | ✓ | ✓ | X | ✓ | ✓ | | link | ✓ | ✓ |
| 31 | Virtual labs / Open Educational Resources (OERs) | ✓ | ✓ | ✓ | ✓ | ✓ | X | X✓ | ✓ | | link | ✓ | link |
| | Development of any educational resource | ✓ | ✓ | X | X | X | ✓ | X | X | | X | X | X |

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | | | KSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | NDK |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | ✓ | ✓ evidence | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | | ✓ | change coding | ✓ |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 34 | Newspaper clippings or other materials as additional resource | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | | ✗ | ✓ | ✓ |
| | Any Student team project for Technology Development | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✓ | ✗ |

## Governance and Leadership

| Sr. No | Activity | Name of staff | | | | | | | | | | | KSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | NDK |
| 35 | Record of additional administrative responsibilities performed | ✓ add | ✓ | add another | add | ✓ | add ✗ | ✓ | ✓ | | add | add other | add |
| 36 | Record of innovative practices | ✓ | ✗ | ✗ | ✗ | ✗ | add ✗ | ✓ | ✗ | | ✗ | ✓ | ✓ |
| 37 | Any outstanding contribution | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✓ | ✗ |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 39 | Maintenance of | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |

| # | Item | BNC | SSK | SMK | SVM | MSP | PDM | AAT | IRK | RUM | ASP | PF | NDK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Departmental Activities Register | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) 1. Dept. Time Table —— 2. Faculty-wise Annual Curricular Plans | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | 3. Faculty wise Teaching Diary & Plans | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | 4. Departmental Activity Register along with documentary Evidences | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | 5. Faculty wise API formats along with Evidences | APF- ✗ | APF- ✗ | APF ✗ | PPS | APF- | APF- | APF | APF- | | APF | APF- | APF |

Cat-I –
Cat-II
Cat-III

1.

2. TepUlaui

3. DhMAr

Principal
P.E.S. College of Engineering
Aurangabad.

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | NEK | | | |
| 5 | Annual Curricular plan | ✓ | | ✓ | ✓ | | ✓ | ✓ | | ✓ | | | |
| 6 | Curriculum enrichment / Value addition | ✓ 89% | | ✗ | ✗ | | ✗ | ✗ | | ✗ | | | |
| 7 | Whether conducting Add on Courses & role in conduct of course | 99% | | ✗ | ✓ | | ✓ | ✗ | | ✗ | | | |
| 8 | Feedback from students | ✓ | | ✓ | ✓ | | ✓ | ✓ | | ✓ | | | |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
| 9 | Teaching Diary & Teaching Plan | ✓ | | ✓ | ✓ | | ✓ | ✓ | | ✓ | | | |
| 10 | Coverage of syllabus so far (%) | Ba-90%. Sm-I-80% Sm-II-80% | | DHS-60 CT-80 Cm-80 TP-80 | BG-90% AP-90% | | HY-I- HY-II-60 HYS-60. | CE-90% HS-90% | | ✗ | | | |
| 11 | Record of students attendance | ✓ | | ✗ | ✓ | | ✓ | ✗ | | ✓ | | | |
| 12 | Use of ICT - PPT & Audio-video Aids | ✓ | | ✗ | ✓ | | ✓ | ✗ | | ✗ | | | |
| 13 | Record of students assignments | ✓ | | ✗ | ✓ | | ✓ | ✗ | | ✓ | | | |
| 14 | Record of field trips | ✓ | | | ✓ | | ✗ | — | | ✗ | | | |
| 15 | Record of student seminars conducted | ✓ | | | ✓ | | ✓ | ✓ | | ✗ | | | |

| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Record of academic competitions conducted if any (Quiz, Role play) | ✗ | | | ✓ | | ✗ | ✗ | | | | | |
| 17 | Other Student centric learning Methods | ✓ | | | ✓ | | ✗ | ✗ | | | | | |
| 18 | Record of Extension Lectures given | ✗ | | | ✓ | | ✗ | ✗ | | | | | |
| 19 | Record of invited lectures arranged | ✓ | | | ✗ | | ✗ | ✗ | | | | | |
| 20 | Record of internal examinations and University Exams | ✗ | | | ✓ | | ✗ | ✗ | | | | | |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | Sub-result ✗ | | | ✗ | | ✗ | ✗ | | | | | |
| 22 | Record of remedial classes conducted for slow learners | ✗ | | | ✗ | | ✗ | ✗ | | | | | |

Seprate
attendance
sheet

## Research, Extension and consultancy

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
| 23 | Record of Research work (Paper publication, Book publication, Articles) | P- | | | P-NiL a-nil | | P-nil a-Nil | P-01 a-nil | | | | | |
| 24 | Record of Student Projects | | | | ✓ | | ✓ | ✓ | | | | | |
| 25 | Record of seminars / workshops attended / organized /Papers presented | | | | fDP- ↗ | | fDP- ✗ | fDP- ✗ | | | | | |
| 26 | Record of extension work undertaken | | | | ✓ | | ✗ | ✗ | | | | | |
| 27 | Record of MoUs, if any | | | | ✗ | | ✗ | ✗ | | | | | |
| 28 | Record of Consultancy work | | | | ✗ | | ✗ | ✗ | | | | | |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
| 29 | Utilization of Departmental Library | | | | ✓ | | ✓ | ✓ | | | | | |
| 30 | Availability of CDs, Videos | | | | ✓ | | ✗ | ✗ | | | | | |
| 31 | Virtual labs / Open Educational Resources (OERs) | | | | ✓ | | ✗ | ✗ | | | | | |
| | Development of any educational resource | | | | ✓ | | ✗ | ✗ | | | | | |

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | 3-11 | | | — | | X | X | | | | | |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | ✓ | | | ✓ | | ✓ | X | | | | | |
| 34 | Newspaper clippings or other materials as additional resource | ✓ | | | ✓ | | X | X | | | | | |
| | Any Student team project for Technology Development | X | | | X | | X | X | | | | | |

## Governance and Leadership

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
| 35 | Record of additional administrative responsibilities performed | HOD, | | | ✓✓ | | ✓ | X | | | | | |
| 36 | Record of innovative practices | ✓ | | | X | | X | X | | | | | |
| 37 | Any outstanding contribution | X | | | X | | X | X | | | | | |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | ✓ | | | ✓ | | ✓ | X | | | | | |
| 39 | Maintenance of | ✓ | | | ✓ | | ✓ | X | | | | | |

| | | RMS | DNK | RDP | CRG | JRG | SSF | SBD | PDA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Departmental Activities Register | ✓ | | | | | ✓ | ✓ | | | | | |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) | | | | | | | | | | | | |
| | 1. Dept. Time Table ——— | ✓ | | | ✓ | | ✓ | ✓ | | | | | |
| | 2. Faculty-wise Annual Curricular Plans | ✓ | | | ✓ | | ✓ | ✓ | | | | | |
| | 3. Faculty wise Teaching Diary & Plans | | | | ✓ | | ✓ | ✗ | | | | | |
| | 4. Departmental Activity Register along with documentary Evidences | ✓ | | | | | | | | | | | |
| | 5. Faculty wise API formats along with Evidences | API-I | | | ——— | | API- | API- | | | | | |

RMS
Gav

Cat-I
Cat-II
Cat-III

N.C.
Alat
12/10/22

APF-
Cat I -
Cat II -
Cat III -

N.C.

N.C.
12/10/22

N.C.
tave
12/10/22
(PDA)

1.

2. TCP\Rout

3. आपणास



Principal
S. College of Engineering
Aurangabad.

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 5 | Annual Curricular plan | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 6 | Curriculum enrichment / Value addition | ✓ | 4 | ✓ | ✗ | ✓ | | ✝ | | ✗ | ✗ | | |
| 7 | Whether conducting Add on Courses & role in conduct of course | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |
| 8 | Feedback from students | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 9 | Teaching Diary & Teaching Plan | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | | ✓ | ✗ | | |
| 10 | Coverage of syllabus so far (%) | | | | | | ✗ | | | ✗ | | | |
| 11 | Record of students attendance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | | ✓ | ✗ | | |
| 12 | Use of ICT - PPT & Audio-video Aids | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | | | ✓ | ✓ | | |
| 13 | Record of students assignments | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | ✝ | | ✓ | ✗ | | |
| 14 | Record of field trips | ✗ | ✗ | ✗ | ✗ | ✗ | ✝ | ✝ | | ✗ | ✝ | | |
| 15 | Record of student seminars conducted | ✓ | ✓ | ✓ | ✓ | ✓ | ✝ | ✗ | | ✓ | ✓ | | |

| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Record of academic competitions conducted if any (Quiz, Role play) | ✗ | ✗ | ✓ | ✗ | ✓ | ✗ | ✗ | | ✗ | ✗ | | |
| 17 | Other Student centric learning Methods | ✗✓✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✗ | | |
| 18 | Record of Extension Lectures given | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✗ | | |
| 19 | Record of invited lectures arranged | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | ✗ | | |
| 20 | Record of internal examinations and University Exams | ✗✓✓ | ✓ | ✓ | ✗ | ✗ ✗ | ✗✓✓ | ✗✓✓ | | ✗✓✓ | ✗✓✓ | | |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | ✗✓✓ PSRP– RESUT RESK– | | ✗ | ✗ | ✗ | | ✗ | | ✗ | ✓✓ | | |
| 22 | Record of remedial classes conducted for slow learners | ✗ | ✗ | ✗ | ✗ | ✓ | | ✗ | | ✗ | ✗ | | |

## Research, Extension and consultancy

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|------|------|------|------|------|------|------|------|------|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 23 | Record of Research work (Paper publication, Book publication, Articles) | P-02 b-Nil | P-Nil B-Nil | P-Nil B-Nil | P-Nil B-Nil | P-Nil B-Nil | | P-Nil b-Nil | | P-Nil B-Nil | P-Nil B-Nil | | |
| 24 | Record of Student Projects | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 25 | Record of seminars / workshops attended / organized /Papers presented | FDP- | FDP-04 WK-Nil | FDP-0 W-0) | FDP-02 wg-1 | FDP- | | FDP- W-A | | FDP-01 S/D- | FDP- STT AA | | |
| 26 | Record of extension work undertaken | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |
| 27 | Record of MoUs, if any | ✓ | ✗ | — | ✓ | ✗ | | ✗ | | ✗ | ✗ | | |
| 28 | Record of Consultancy work | ✗ | ✗ | ✗ | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|------|------|------|------|------|------|------|------|------|------|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 29 | Utilization of Departmental Library | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 30 | Availability of CDs, Videos | link | ✓ | ✓ | ✗ | ✓ | | link | | link | link | | |
| 31 | Virtual labs / Open Educational Resources (OERs) | ✓ link | ✓ | ✗ | ✗ | ✓ | | ✓ | | ✓ | ✗ | | |
| | Development of any educational resource | ✗ | | ✓ | ✗ | ✓ | | ✗ | | ✓ | ✗ | | |

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | Y | ✓ | Aḍḍ | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 34 | Newspaper clippings or other materials as additional resource | ✓ | ✓ | ✓ | ✗ | ✓ | | ✗ | | ✗ | ✓ | | |
| | Any Student team project for Technology Development | Y | | Y | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |

## Governance and Leadership

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|--------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
| 35 | Record of additional administrative responsibilities performed | HOD | ✓ | Aḍḍ | Aḍḍ | ✓ | | ✓ | | Aḍḍ | Aḍḍ | | |
| 36 | Record of innovative practices | ✗ | ✗ | — | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |
| 37 | Any outstanding contribution | ✗ | | ✓ | ✗ | ✗ | | ✗ | | ✗ | ✗ | | |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 39 | Maintenance of | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |

| | | VKK | SSK | VVK | SCK | PKG | JPZ | APK | MRR | VRK | NTK | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Departmental Activities Register | ✓ | | ✓ | ✓ | ✓ | | | | ✓ | | | |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) 1. Dept. Time Table — I, II 2. Faculty-wise Annual Curricular Plans 3. Faculty wise Teaching Diary & Plans 4. Departmental Activity Register along with documentary Evidences 5. Faculty wise API formats along with Evidences | ✓ ✓ ✓ ✓ APF | ✓ ✓ ✓ APF | ✓ ✓ ✓ APF | ✓ ✓ ✓ APF | ✓ ✓ ✓ APF | | } APF | | ✓ ✓ ✓ APF | ✗ ✗ ✗ APF | | |

VKK   SSK   VVK   SCK   PKG   JPZ   APK   MRR   VRK   NTK

SSK: COFF. COFF. COFF III.

VRK: COFF - COFF I. COFF COFF II

1.
2. [signature]
3. [signature]

[signature]
Principal
E.S. College of Engineering
Aurangabad.

P. E. S. College of Engineering, Aurangabad
Internal Audit: Check list – 2021-22
Department: ~~First Engineering~~ Applied Science

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|--------|----------|-----|-----|-----|-----|-----|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | |
| 5 | Annual Curricular plan | | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 6 | Curriculum enrichment / Value addition | | ✓ | ✓ | ✗ | ✗ | | | | | | |
| 7 | Whether conducting Add on Courses & role in conduct of course | | ✗ | ✗ | ✗ | ✗ | | | | | | |
| 8 | Feedback from students | | ✓ | ✗ | ✓ | ✓ | | | | | | |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|--------|----------|-----|-----|-----|-----|-----|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | |
| 9 | Teaching Diary & Teaching Plan | | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 10 | Coverage of syllabus so far (%) | | Engg.Physics-I —90% | Engg. E.M.-II | Engg.I Sem-II | Engg.chem —90% | | | | | | |
| 11 | Record of students attendance | | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 12 | Use of ICT - PPT & Audio-video Aids | | ✓ | ✓ | ✗ | ✗ | | | | | | |
| 13 | Record of students assignments | | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 14 | Record of field trips | | ✗ | ✗ | ✗ | ✗ | | | | | | |
| 15 | Record of student seminars conducted | | ✗ | ✗ | ✗ | ✗ | | | | | | |

| | | GPK | SVM | SRA | KS | RG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Record of academic competitions conducted if any (Quiz, Role play) | | ✗ | ✓ | ✗ | ✗ | | | | | | | |
| 17 | Other Student centric learning Methods | | ✓ | ✗ | ✗ | ✗ | | | | | | | |
| 18 | Record of Extension Lectures given | | ✗ | ✗ | ✗ | ✗ | | | | | | | |
| 19 | Record of invited lectures arranged | | ✗ | ✗ | ✗ | ✗ | | | | | | | |
| 20 | Record of internal examinations and University Exams | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | | ✓ | year wise result | | ✗ | | | | | | | |
| 22 | Record of remedial classes conducted for slow learners | | ✗ | ✗ | ✗ | ✗ | | | | | | | |

## Research, Extension and consultancy

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | | |
| 23 | Record of Research work (Paper publication, Book publication, Articles) | | RP-01 B-nil | P-Nil B-Nil | P-Nil B-nil | P-Nl L-Nil | | | | | | | |
| 24 | Record of Student Projects | | X | X | ✗ | ✗ | | | | | | | |
| 25 | Record of seminars / workshops attended / organized /Papers presented | | FDP- ✔ | FDP- ✔ | X | ✗ | | | | | | | |
| 26 | Record of extension work undertaken | | X | X | ✗ | X | | | | | | | |
| 27 | Record of MoUs, if any | | ✔ | X | ✗ | ✗ | | | | | | | |
| 28 | Record of Consultancy work | | X | X | ✗ | ✗ | | | | | | | |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | | |
| 29 | Utilization of Departmental Library | | ✔ | ✔ | ✔ | ✔ | | | | | | | |
| 30 | Availability of CDs, Videos | | ✔ | link | ✗ | X | | | | | | | |
| 31 | Virtual labs / Open Educational Resources (OERs) | | ✔ | X | ✗ | X | | | | | | | |
| | Development of any educational resource | | ✔ | ✗ | ✗ | X | | | | | | | |

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | | | |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | | ✗ | ✗ | ✗ | ✗ | | | | | | | | |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | | L | L | A99 | ✗ | | | | | | | | |
| 34 | Newspaper clippings or other materials as additional resource | | L | ✔ | ✗ | ✗ | | | | | | | | |
| | Any Student team project for Technology Development | | ✗ | ✗ | ✗ | ✗ | | | | | | | | |

## Governance and Leadership

| Sr. No | Activity | Name of staff | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GPK | SVM | SRA | KS | RG | | | | | | | | |
| 35 | Record of additional administrative responsibilities performed | | L | L | A99 | L | | | | | | | | |
| 36 | Record of innovative practices | | L | ✗ | ✗ | ✗ | | | | | | | | |
| 37 | Any outstanding contribution | | L | ✗ | ✗ | ✗ | | | | | | | | |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | | L | L | L | L | | | | | | | | |
| 39 | Maintenance of | | L | L | L | L | | | | | | | | |

| | | | GPK | SVM | SRA | KS | RG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Departmental Activities Register | | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) 1. Dept. Time Table | | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| | 3. Faculty wise Teaching Diary & Plans | | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| | 4. Departmental Activity Register along with documentary Evidences | | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| | 5. Faculty wise API formats along with Evidences | | | APF– X | APF–? | APF NA | APF 9 | | | | | | | |
| | | | GPK | SVM | SRA | KS | RG | | | | | | | |

cat E–
cat II–
cat III–

1.
2. TESUmy
3. ग्रामीण

Principal
S.E.S College of Engineering
Aurangabad.

P. E. S. College of Engineering, Aurangabad
Internal Audit Check list 2021-22
Department: Mechanical Engineering

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD |
| 5 | Annual Curricular plan | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | Curriculum enrichment / Value addition | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | Whether conducting Add on Courses & role in conduct of course | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | Feedback from students | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD |
| 9 | Teaching Diary & Teaching Plan | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | Coverage of syllabus so far (%) | 90% | 90% | 90% | | 85% | 98% | 90% | 90% | 80% | 90% |
| 11 | Record of students attendance | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | Use of ICT - PPT & Audio-video Aids | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | Record of students assignments | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | Record of field trips | online | online | online | | online | online | online | online | online | online |
| 15 | Record of student seminars conducted | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | | | | | | | | | |
| 16 | Record of academic | | | | | | | | | | |

| Sr. No | Activity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | competitions conducted if any (Quiz, Role play) | ✔ | ✗ | + | | ✗ | + | ✔ | ✔ | ✗ | | +34 |
| 17 | Other Student centric learning Methods | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 18 | Record of Extension Lectures given | ✔ | NO | + | ✔ | ✔ | ✗ | ✗ | ✗ | ✗ | ✔ | ✗ |
| 19 | Record of invited lectures arranged | ✔ | ✔/02 | ✗ | ✗ | ✔ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 20 | Record of internal examinations and University Exams | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | MJJ-149, MJJ-140 | MSA-140, FCE-N.O | Tem-3-140, Tem-3-N.O, EG-147. | BASE -149 | MAC-149 | AT-149, GE-149 | AT-140, AT-I-Homety. | EG-149, ANS-149 | HE-J-149, ANS-149, EN-149. | DECE (0). | FN-149 |
| 22 * | Record of remedial classes conducted for slow learners | ✗ | ✗ | ✔ | | ✔ | ✗ | ✗ | ✔ | ✔ | ✔ | ✔ |

**Research, Extension and consultancy** * Time table available

| Sr. No | Activity | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | Record of Research work (Paper publication, Book publication, Articles) | 02-P Nil-B | 01-P Nil-book | P-Nil B-Nil | | P-Nil B-Nil | P-01 B-Nil | P-01 B-Nil | P-02 B-Nil | P-Nil B-Nil | P-Nil B-Nil | P-Nil B-Nil |
| 24 | Record of Student Projects | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 25 | Record of seminars / workshops attended / organized /Papers presented | 08-FDP 02-cond. 01-P.P. | 2-FDP 1-WU | 03-FDP 01-WU | | 01-FDP | | Organize to student 01-WU | Nil | ✔ | 2-FDP WS-Nil | ✗ |
| 26 | Record of extension work undertaken | ✔ | — | — | | — | | — | — | — | ✔ | — |
| 27 | Record of MoUs, if any | ✔ | one | — | | — | | — | — | — | — | — |
| 28 | Record of Consultancy work | ✔ | — | — | | — | | — | — | — | — | — |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD |
| 29 | Utilization of Departmental Library | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 30 | Availability of CDs, Videos | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 31 | Virtual labs / Open Educational Resources (OERs) | NPTEL सर्टिफ | Nil | — | | ✓ | ✓ | ✓ | — | ✓ | |
| | Development of any educational resource | ✓ | ppt video lectures | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

*(left margin notes for Sr. 31 & Development: "(online video practicle)", "you tube video")*
*(right margin: "ABG. ✓", "line to be provide ✓")*

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | available | Dept. activities available | project guiding | | ✓ | ✓ | ✓ | ✓ | — | — |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 34 | Newspaper clippings or other materials as additional resource | ✓ | ✗ | ✗ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Any Student team project for Technology Development | | | | | | | | | | |

*(right margin: "—", "✓")*

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MMD | RGP | AMB | SKU | PLP | FMA | AAG | VDS | ARN | NDD | AЗG |
| 35 | Record of additional administrative responsibilities performed | Dean, LIC, CAS, | HOD | LOLS | | ✓ | ✓ | ✓ | ✓ | | ✓ | PTO XDLЈ- NPTEL | conductor ✓ |
| 36 | Record of innovative practices | ✓ | Project Thirthan | + | | — | ✓ | — | ✓ | — | — | |
| 37 | Any outstanding contribution | ✓ | Cognard Trihan | + | | — | ✓ | — | ✓ | — | — | — |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | ✓ | | ↑ ✓p | | ✓ | ✓ | ✓ | | — | — | — |
| 39 | Maintenance of Departmental Activities Register | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) 1. Dept. Time Table | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ? | | ✓ | |
| | 2. Faculty-wise Annual Curricular Plans | ✓ | | ✓ | | ✓ | ✓ | ✓ | | — | ✓ | |
| | 3. Faculty wise Teaching Diary & Plans | ✓ | | ✓ | | ✓ | ✓ | — | | | ✓ | |
| | 4. Departmental Activity Register along with documentary Evidences | ✓ | ✓ | | | | | | — | | | |
| | 5. Faculty wise API formats along with Evidences | Cat-J-130 Cat-II-90 Cat-III-160 | X | X | | X | X | API X | API X | API-X | X | API X |

1.
2. [signature]
3. आगमीस

[signature] Principal
M.S. College of Engineeering
Aurangabad.

P.E.S. College of Engineering, Aurangabad
Internal Audit: Check list – 2021-22
Department: Mechanical Engineering  Computer science Engg.

## Curricular Aspects

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | mRR | GX | BSP |
| 5 | Annual Curricular plan | ✓ | | ✓ | | | ✓ | | ✓ | ✓ | ✓ | |
| 6 | Curriculum enrichment / Value addition | ✓ | | ⋎ | | | ✓ | | — | ✓ | ✗ | ✗ |
| 7 | Whether conducting Add on Courses & role in conduct of course | ✓ | | ✗ | | | ✓ | | — | ✓ | ✗ | ✗ |
| 8 | Feedback from students | ✓ | | ✗ | | | ✓ | | ✗ | ✓ | ✗ | ✗ |

## Teaching, Learning and Evaluation

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|--------|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | mRR | GX | |
| 9 | Teaching Diary & Teaching Plan | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 10 | Coverage of syllabus so far (%) | 95% | 85% | 95% | | | 90% — 100% — | | 30%-90% | 90% | 100% | 80% |
| 11 | Record of students attendance | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 12 | Use of ICT - PPT & Audio-video Aids | | ✓ | ✗ | | | ✗ | | ✗ | ✓ | ✓ | ✗ |
| 13 | Record of students assignments | ✓ | ✓ | ✓ | | | ✓ | | ✗ | ✓ | ✗ | ✗ |
| 14 | Record of field trips | not conducted | | Not | | | ✗ | | ✗ | Not Conducted | — | — |
| 15 | Record of student seminars conducted | ✗ | | ✓ | | | ✗ | | ✗ | ✓ | ✗ | — |
| | | | | | | | | | | | | |
| 16 | Record of academic | | | | | | | | | | | |

| Sr. No | Activity | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | MRF | 4X | BSP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | competitions conducted if any (Quiz, Role play) | ✗ | ✗ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ |
| 17 | Other Student centric learning Methods | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| 18 | Record of Extension Lectures given | ✓ | ✗ | ✗ | | | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |
| 19 | Record of invited lectures arranged | ✓ | ✓ | ✓ | | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 20 | Record of internal examinations and University Exams | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | Pass percentage of University Exams / Semester in respective subject for the last three years.(paper wise) | BC—9TH BHR | SE-9TH SL-9T CP-I CP-II | DIA—NO nonsonr | | | B—NO KFC NO,AL— | | 9TR- PP—NO CS— | DT—✗ CN—✗ | CD— | |
| 22 | Record of remedial classes conducted for slow learners | ✗ | ✗ | | | | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |

## Research, Extension and consultancy

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | MRF | 4X | BSP |
| 23 | Record of Research work (Paper publication, Book publication, Articles) | P—02 B—Nil | P—03 B—Nil | P—Nil B—Nil | | | P—Nil B—Nil | | P—Nil B—Nil | RF—01 Boc-Nil | RP—Nil Book-Nil | P— B—01 |
| 24 | Record of Student Projects | ✓ | ✓ | ✓ | | | ✗ | | ✗ | ✓ | ✗ | ✗ |
| 25 | Record of seminars / workshops attended / organized /Papers presented | PDP—Nil KU—Nil G91—01✗ | P2P—0 | PDP—03 KU—Nil | | | PDP—03 KU—✗ | | KU—✗ | PDP— Apple Training | ✗ | PDP—✗ |
| 26 | Record of extension work undertaken | ✓ | ✗ | ✗ | | | ✗ | | ✗ | ✓ | ✗ | ✗ |
| 27 | Record of MoUs, if any | ✓ | ✓ | — | | | — | | ✗ | ✓ | — | — |
| 28 | Record of Consultancy work | — | — | — | | | — | | ✗ | — | — | — |

## Infrastructure and learning Resources

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | MRK | GA | BSP |
| 29 | Utilization of Departmental Library | ✓ | ✓ | ✓ | ↑ | | ✓ | ↑ | ✓ | ✓ | ✓ | ✓ |
| 30 | Availability of CDs, Videos | ✝ | ✓ | ✓ | | | ⵣ | | ✓ | ✓ | ✓ | ✗ |
| 31 | Virtual labs / Open Educational Resources (OERs) | ✝ | ✓ | ✗ | | | ✗ | | ✝ | बंद सर्व | ✗ | बंद |
| | Development of any educational resource | | ✓ | ✗ | | | | | ✝ | ✓ | | ✗ |

## Student support and progression

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | MRK | GA | BSP |
| 32 | Record of Activities conducted to contribute to the students' career opportunities | ✓ | ✓ | ✝ | ↑ | | ✗ | | ✗ | ✓ | ✗ | ✗ |
| 33 | Mentoring / Counseling to students for curricular and co-curricular activities | ✓ | ✓ | ✓ | | | Yes | | ✓ | ✓ | ✓ | ✓ |
| 34 | Newspaper clippings or other materials as additional resource | ✝ | ✓ | ✓ | | | Yes | | ✓ | ✓ | ✓ | ✓ |
| | Any Student team project for Technology Development | ✓ | ✓ | | | | — | | — | ✗ | ✗ | ✗ |

| Sr. No | Activity | Name of staff | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SDP | VBK | SSP | TUP | SLS | KRG | SVG | SRK | nRF Add pentfolie ang | GK | BSP |
| 35 | Record of additional administrative responsibilities performed | ✓ | ग्रांट TP | ✓ | | | ✓ | | ✓ | | ✓ | ✓ |
| 36 | Record of innovative practices | ✗ | ✗ | ✗ | | | ✗ | | ✗ | ✗ | ✗ | ✗ |
| 37 | Any outstanding contribution | ✓ | ✗ | ✗ | | | ✗ | | ✗ | ✗ nn cottrid noond | ✗ | ✗ |
| 38 | Whether above( related activities )entered in into Departmental Activities Register | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 39 | Maintenance of Departmental Activities Register | | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 40 | Check Departmental Documentation (should be available with I/C of dept.) | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| | 1. Dept. Time Table | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | — |
| | 2. Faculty-wise Annual Curricular Plans | | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | — |
| | 3. Faculty wise Teaching Diary & Plans | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | — |
| | 4. Departmental Activity Register along with documentary Evidences | ✓ | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | — |
| | 5. Faculty wise API formats along with Evidences | APJ-✗ | APJ | APJ— | | | APJ— | | APJ— | APJ— CM-J- GH-I- GH.R- | APJ— | APJ |

1.

2. [signature]

3. [signature]

[signature] Principal
J. College of Engineering
Aurangabad.

Ref No. PESCOE/Office/2021-22/ 535 A

Date: 01/11/2022

Internal Administrative Audit of P. E. S. College of Engineering for the Year 2021-22 is to be done on 10.11.2022 at 11.00 am. The following committee should do this audit and submit the report to the undersigned on or before 11.10.2022.

1. Dr. G. P. Kamble, Dean Academics
2. Dr. D. N. Kakade, Dean Infrastructure
3. Dr. Siddharth Undirwade, Dean IQAC
4. Mr. V. F. Gajbhiye, Registrar
5. Mrs. A. A. Tupe, I/c Librarian

PRINCIPAL
PESCOE, Aurangabad

Copy to:
All Concerned,
O/e

## Administrative Audit
### 1. Infrastructural facilities

| Sr. No | PARTICULARS | | ANSWERS |
|---|---|---|---|
| 1.1 | **Campus** | | |
| | (a) Campus Area | Exemplary | ✓ |
| | | Good | |
| | | Inadequate | |
| | (b) Campus Ownership | Owned by management | ✓ |
| | | On rent | |
| 1.2 | **Office** | | |
| | a. Office Space | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | b. All types of leave registers are maintained | | Yes |
| | c. Inward/outward register is maintained | | Yes |
| | d. Personal register of every staff | | Yes |
| | e. Biometric attendance of staff | | Yes |
| | f. Attendance Register of staff | | Yes |
| | g. Establishment Register | | Yes |
| | h. Aquittance Register / pay bill register | | Yes |
| | i. Contingent Register | | |
| | j. Separate cash book for self-financing prog. | | Yes |
| | k. Caution deposit register and register of disbursement is maintained | | Yes |
| 1.3 | **Library** | | |
| | a. Area of Library | 700 m² | |
| | b. Do you have separate reading area for student & Staff? | | Yes |
| | c. Do you display the new rrivals? | | Yes |
| | d. Do you maintain Book Volumes? | | Yes |
| | e. No. of Books per student | | |
| | f. No. of Issue/Return books per day | | |
| | g. No. of Research Journals | | |
| | h. No. of Periodicals | | |
| 1.4 | **Security** | | |
| | a. At entrance | | Yes |
| | b. CC TV Camera | | Yes |
| | c. Women Grievance cell | | Yes |
| | d. Grievance cell | | Yes |
| | e. Fire Extinguisher | | Yes |
| | Last refill date : | | |

| 1.5 | Potable Water facility | Exemplary | ✓ |
| | | Good | |
| | | Inadequate | |
| 1.6 | Power Backup facility | | Yes |
| 1.7 | Washroom facility | | |
| | a. Washroom facility (for Male) | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | b. Washroom facility (for Female) | Exemplary | |
| | | Good | ✓ |
| | | Inadequate | |
| | c. Washroom facility (for Staff) | Exemplary | |
| | | Good | |
| | | Inadequate | |
| 1.8 | Parking | Exemplary | ✓ |
| | | Adequate | |
| | | Inadequate | |
| 1.9 | Class rooms (as per requirement) | Exemplary | ✓ |
| | | Adequate | |
| | | Inadequate | |
| 1.10 | Staff room (Tick only one) | Individual Staff room with IT facility | |
| | | Staff room with separate cabins | ✓ |
| | | Departmental Staff | |
| | | Common | |
| 1.11 | Seminar Room | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.12 | Common room (Boys) | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.13 | Common room (Girls) | Exemplary | |
| | | Adequate | ✓ |
| | | Inadequate | |
| 1.14 | a. Medical Centre facility | | |
| | b. Health Centre facility | | |
| | c. First-aid facility | | ✓ |

| 1.15 | Sports Facility | | Yes ✓ |
| | Indoor Sports facility | | Yes ✓ |
| | Gymnasium | | |
| 1.16 | Hostel (Boys) | Exemplary | |
| | | Adequate (with mess) | ✓ |
| | | Inadequate | |
| 1.17 | Hostel (Girls) | Exemplary | |
| | | Adequate (with mess) | ✓ |
| | | Inadequate | |
| 1.18 | Transportation for students | Campus is Centrally located | |
| 1.19 | Support services (**Bank/PO/**Xerox) | | Xerox |
| 1.20 | Canteen | | Yes |
| 1.21 | Approach Road | | Yes |
| 1.22 | Garden | | Yes |
| 1.23 | Auditorium/ Assembly hall | | Yes |
| 1.24 | Internet facility | Available for staff & students | |
| | For Staff & students : | | Yes |
| | For staff only: | | Yes |
| 1.25 | Ramp Facility for Physically Challenged | | Yes |
| 1.26 | Principal Quarter | | Yes |
| 1.27 | Guest House | | Yes |
| 1.28 | Overall Maintenance | Exemplary | |
| | | Satisfactory | ✓ |
| | | Not satisfactory | |
| 1.29 | Overall Cleaning | Exemplary | |
| | | Satisfactory | ✓ |
| | | Not satisfactory | |

## 2. Training facilities

| Sr. No | PARTICULAR | ANSWER |
|---|---|---|
| 2.1 | How many Faculty members / Administrative staff can operate MS-word / power point and MS Excel? | All teachers & Admin staff. |
| 2.2 | Did your College arrange for Training of Faculty members in the use of Computers? | Yes |
| 2.3 | How many Computers do you have in the College ? | 407 |
| 2.4 | Does the College have Internet facilities? | Yes |
| 2.5 | Have your Faculty members undergone Training for NME-ICT? If yes, How many? | Yes |
| 3 | **PLACEMENT ACTIVITY** | |
| 3.1 | Has the Placement cell/ **Career Counseling Cell been formed in your college? | Yes |
| 3.2 | How many students have been enrolled? | |
| 3.3 | Do you conduct campus placement drive? | Yes |
| 3.4 | Have you conducted any pre placement training for student's placements? If yes, then Specify. | Yes Available with T&P cell. |
| 3.5 | Have you organized any company visits or guidance camp for students? | Yes Industry visits |
| 3.6 | Does the placement cell maintain the record of job opportunities for students? | Yes |
| 3.7 | Are the students provided computers and Internet to search job, to down load application forms etc? | Yes |
| 3.8 | Does the college have a system of registering students at the Employment office? | No |
| 3.9 | Does the college subscribe to magazines like Employment News, Rojgar Samachar etc.? If yes, Give names of magazines. | Employment News |
| 3.10 | Does your College have a Digital English Language Lab ? | Yes |
| 3.11 | How many students use the DELL in a day ? | |
| A. | Does the college have a functional Alumni Association? | Yes (Registered Alumni Association) |
| | Number of students enrolled | |
| | Activities of Alumni Association | Yearly Alumni Meet. |

| B. | Give details of any Progressive Practices of the Institution if any: |
|---|---|
| | - A certified Apple lab is activated in the institute where in two competent institutional faculties are continuously taking care of related training programs for staff and students. |
| | - Hybrid teaching-learning: Teaching Learning process through offline lectures and through virtual classes with the help of ICT enabled tools. |
| | - Hands-on training & practice for students through Maintenance & repair activities of Utilities & facilities, done at the Institute for CSE, Civil & Electrical Departments. |
| | - The reuse of waste water of RO water purifier is done for gardening purpose. |
| | - Structural designing, construction and civil maintenance of our college building as well as Electrification work and related maintenance is done by our own personnel. |

## Recommendations

Following the audit, the recommendations were made to the management as given below:

1. The admin office staff should be provided with the high versions of computers and some required furniture for storage and maintenance of the office files / data.
2. The facilities like Bank / ATM may be incorporated in the campus.
3. Employment opportunities in association with Alumni Association may be enhanced.
4. Campus placement drives should be enhanced.
5. Canteen should be well maintained in health and hygiene point of view.
6. CCTV is in existence, but should be with proper maintenance of all cameras.

1. Dr. G. P. Kamble, Dean Academics — 10/11/2022
2. Dr. D. N. Kakade, Dean Infrastructure — 10/11/2022
3. Dr. Siddharth Undirwade, Dean IQAC — 10/11/22
4. Mr. Gajbhiye, Registrar
5. Mrs. A. A. Tupe, I/c Librarian — 10/11/22

## Declaration

I agree with all the recommendations and observations mentioned in this report.

PRINCIPAL
PESCOE Aurangabad