

"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's
Kwa D Y Patil Croup of Institution's Technical Communications

Ajeenkya D Y Patil Group of Institution's Technical Campus

#### Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

# 1.4 Feedback System:-

- 1.4.1 (QnM) Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
- 1) Students 2) Teachers 3) Employers 4) Alumni

### **Document Enclosed**

| Sr. No | List of Document                           |
|--------|--|
| 1      | Covering Letters to BoS                    |
| 2      | Stake Holder Questionaries' & Responses    |
| 3      | Communication proof (Register Post)        |
| 4      | Action Taken Report                        |
| 5      | Responses from BoS with minute of meetings |



Parincipal

Dr. F. B. Sayyad

### Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

1) Covering letters send by all departments to respective BoS for curriculum feedback.



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Ref. No: ADYPKC/SOE/2021-22/172

Date: 08.12.2021

To.

Dr. Varsha Patil.

BOS Computer Department,

Matoshri College of Engineering and Research Centre, Eklahare, Nashik, Near Odhagaon, Opp Nashik-Aurangabad Highway, Nashik, Maharashtra, Pin-422105. Contact Number: - 9881024325, 0253-2406621

Subject: Regarding the feedback on Curriculum of Computer Engineering Department by all the stake holders for the A.Y.2020-21.

Respected Madam,

As per the AQAR 2020-21 Guidelines on Criteria-I Curricular Aspects,

Criteria-1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders

1) Students 2) Teachers 3) Employers 4) Alumni.

We have taken feedback of our department from the entire stakeholder. The genuine responses received on curriculum for the given questionnaires are as follows:

#### Note:-

The questionnaires and its genuine responses are attached below this covering letter. Please go through the enclosure.

We request you to kindly acknowledge the same and do the needful.

Thanking You. Head of Computer Engineering Department.

Dr. Pankaj Agarkar **HoD- Computer Dept** 

Head of the Department Department of Computer Engineering

Dr. F. B. Sayyad

Dr. D. Y. Patil School of Engineering

Dr. D. Dr Ajeenkya DY Patil Knowledge City, Charholi (Bk), Via - Lohegaon, Pune-412 105 Dr. D. Y. Patil Technical Campus Via Lonegach (020) 67077921/22 Email: principal\_dypsoe@dypic.in • Website: www.dypic.in



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Ref. No: ADYPKC/SOE/2021-22/ 17-6

Date: 10.12.2021

To, Dr. N.S.Mujumdar,

Professor, Department of Mathematics, BOS Engineering Sciences (FE), JSPM's Rajarshi shahu College of Engineering, Tathawade, Service Rd, Ashok Nagar, Tathawade, Pimpri-Chinchwad, Maharashtra 411033 Phone: 098506 27659

Subject: Regarding the feedback on Curriculum of Engineering Sciences

Department of Dr. D.Y. Patil School of Engineering, Lohegaon, Pune by the stake holders for the A.Y.2020-21.

Respected Sir,

As per the AQAR 2020-21 Guidelines on Criteria-I Curricular Aspects,

 $\label{lem:criteria-1.4.1} Criteria-1.4.1\ Institution\ obtains\ feedback\ on\ the\ syllabus\ and\ its\ transaction\ at\ the\ institution\ from\ the\ following\ stakeholders$ 

1) Students 2) Teachers.

We have taken feedback of our department from the above two stakeholders. The genuine responses received on curriculum for the given questionnaires are as follows:

#### Note: -

The questionnaires and its genuine responses are attached below this covering letter. Please go through the enclosure.

We request you to kindly acknowledge the same and do the needful.

Thanking You. Head of Engineering Sciences Department.

Dr. S. M. Khairnar

**HoD- FE Dept** 

Dr.S.M.Khairnar
Professor & Head
Dept.of Engineering Sciences
D.Y.Patil School of Engineering
Lohegaon- 412105,Pune.

Lohegaon Pune

Dr. F. B. Sayyad

Principal Principal

Dr. D. Y. Patil School of Engineering Lohegaon, Pune.

Dr Ajeenkya DY Patil Knowledge City, Charholi (Bk), Via - Lohegaon, Pune-412 105 Ph: (020) 67077921/22 • Email: principal\_dypsoe@dypic.in • Website: www.dypic.in



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Ref. No: ADYPKC / SOE / 2021-22 / 17-8

Date: 10/12/2021

To

Dr. D. S. Bormane,

BOS E&TC Department,

AISSMS College of Engineering,

Kennedy Road, Near RTO Office, Sangamvadi, Pune

Pincode: 411001. Maharashtra, India. Contact Number: 9850282286

Subject: Regarding the feedback on Curriculum of E&TC Engineering Department by all the stake holders for the A.Y.2020-21.

Respected Sir,

As per the AQAR 2020-21 Guidelines on Criteria-I Curricular Aspects,

Criteria-1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders

1) Students 2) Teachers 3) Employers 4) Alumni.

We have taken feedback of our department from the entire stakeholder. The genuine responses received on curriculum for the given questionnaires are as follows:

Note:-

The questionnaires and its genuine responses are attached below this covering letter. Please go through the enclosure.

We request you to kindly acknowledge the same and do the needful.

Thanking You. Head of E&TC Engineering Department.

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Dr. S. M. Koli HoD- E&TC Dept. H.O.D.

Dept. of E. & T.C. Engineering
Dr. D.Y. Patil School of Engg., Lohegaon

Dr. F. B. Sayyad

Principal

Dr. D. Y. Patil School of Engineering Lohegaon, Pune.

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Ref. No: ADYPKC/SOE/2021-22/175

Date: 09.12.2021

To, Dr. Shreenivas Londhe,

BOS Civil Department, Vishwakarma Institute of Information Technology, Pune. Survey No. 3/4, Kondhwa (Budruk), Maharashtra (India) Pune – 411048, Contact Number: - 9422037789, 020 - 26950200 /448

**Subject:** Regarding the feedback on Curriculum of Civil Engineering Department by all the stake holders for the A.Y.2020-21.

Respected Sir,

As per the AQAR 2020-21 Guidelines on Criteria-I Curricular Aspects,

Criteria-1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders

1) Students 2) Teachers 3) Employers 4) Alumni.

We have taken feedback of our department from the entire stakeholder. The genuine responses received on curriculum for the given questionnaires are as follows:

#### Note: -

The questionnaires and its genuine responses are attached below this covering letter. Please go through the enclosure.

We request you to kindly acknowledge the same and do the needful.

Thanking You. Head of Civil Engineering Department.

Prof. Lt. Col. S. M Karodpati

**HoD- Civil Dept** 

- H.O.D.

Department of Civil Engineering Dr. D. Y. Patil School of Engg. Lohegaon cohool or the pure to the pure

Dr. F. B. Sayyad Principal

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#### Dr D Y PATIL SCHOOL OF ENGINEERING

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AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

(Accredited by NAAC)

Ref. No: ADYPKC/SOE/2021-22/174

Date: 09.12.2021

To,

Dr. Patil Pradeep

Head, Department of Mechanical Engineering, Member Board of Study (SPPU, Pune) SPM'S JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING Survey No. 58, Indrayani Nagar, Handewadi Road, Hadapsar, Pune-411028, Maharashtra Contact Number - 9975563891, 9890570405, Fax: 020-26970886

**Subject:** Regarding the feedback on Curriculum of Mechanical Engineering Department by all the stake holders for the A.Y.2020-21.

Respected Sir,

As per the AQAR 2020-21 Guidelines on Criteria-I Curricular Aspects,
Criteria-1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution
from the following stakeholders

1) Students 2) Teachers 3) Employers 4) Alumni.

We have taken feedback of our department from the entire stakeholder. The genuine responses received on curriculum for the given questionnaires are as follows:

#### Note: -

The questionnaires and its genuine responses are attached below this covering letter. Please go through the enclosure.

We request you to kindly acknowledge the same and do the needful.

Thanking You. Head of Mechanical Engineering Department.

Prof. Rohit Garad HoD- Mech Dept

H. O. D.
Dept. of Mechanical Engg.
Dr. D. Y. Patil School of Engg., Lohegaon, Pune.

Lohegaon Pune

Dr. F. B. Sayyad
Principal
Principal
Dr. D. Y. Patil School of Engineering

Lohegaon, Pune.

### Dr. D. Y. Patil Technical Campus

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Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

1) Alumni Questions & Responses (Feedback) of All Departments

| 5. Usage of Curriculum for development of human resource at your industry/workplace *  |   |
|--|---|
| 4 · Excellent  |   |
| 3 · Good   |   |
| 2 - Average  |   |
| 1 - Below Average  |   |
|  |   |
| 6. Incorporation of component about development of ability to manage/leadership qualities *  |   |
| ○ 4 - Excellent  |   |
| ○ 3 · Good   |   |
| 2 - Average  |   |
| 1 - Below Average  |   |
|  |   |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives) | * |
| 4 - Excellent  |   |
| ○ 3-Good   |   |
| 2 - Average  |   |
| 1 - Below Average  |   |

# Alumni Curriculum Feedback Responses

- Syllabus Should also include industrial visits
   Syllabus should compulsory include industrial trainings.



# Alumni Curriculum Feedback Questionaries'

# ALUMNI FEEDBACK ON CURRICULUM

Description (optional)

1 - Below Average

| 1. Curriculum is helpful in Career development. *                                       |
|---|
| 4 - Excellent   |
| 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 2. Curriculum offers various options to choose specialization. *                        |
| 4 - Excellent   |
| 3 · Good  |
| 2 · Average   |
| 1 - Below Average   |
|   |
| 3. The syllabus helps in bridging the gap between industry and academic institutions. * |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 4.The Syllabus includes soft skills & Professional Ethics *                             |
| 4 · Excellent   |
| 3 · Good  |
| 2 - Average   |



## Alumni Curriculum Feedback Questionaries'

| ALUMNI FEEDBACK ON CURRICULUM  Description (optional)            |  |
|--|--|
| Curriculum is helpful in Career development. *                   |  |
| O 4 - Excellent  |  |
| ○ 3 - Good   |  |
| 2 - Average  |  |
| 1 - Below Average  |  |
|  |  |
| 2. Curriculum offers various options to choose specialization. * |  |
| O 4 - Excellent  |  |
| ○ 3 - Good   |  |
| O 2 - Average  |  |
| 1 - Below Average  |  |



| 3. The syllabus helps in bridging the gap between industry and academic institutions. * |  |
|---|--|
| 4 - Excellent   |  |
| ○ 3 - Good  |  |
| O 2 - Average   |  |
| 1 - Below Average   |  |
|   |  |
| 4.The Syllabus includes soft skills & Professional Ethics *                             |  |
| ○ 4 - Excellent   |  |
| ○ 3 - Good  |  |
| 2 - Average   |  |
| 1 - Below Average   |  |
|   |  |



| 5. Usage of Curriculum for development of human resource at your industry/workplace *  |  |  |
|--|--|--|
| O 4 - Excellent  |  |  |
| ○ 3 - Good   |  |  |
| 2 - Average  |  |  |
| 1 - Below Average  |  |  |
|  |  |  |
| 6. Incorporation of component about development of ability to manage/leadership qualities *  |  |  |
| 4 - Excellent  |  |  |
| ○ 3 - Good   |  |  |
| 2 - Average  |  |  |
| 1 - Below Average  |  |  |
|  |  |  |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives) |  |  |
| 4 - Excellent  |  |  |
| ○ 3 - Good   |  |  |
| 2 - Average  |  |  |
| 1 - Below Average  |  |  |

#### **Alumni Curriculum Feedback Responses**

- 1) Subjects & Courses related to Industry requirements must be included.
- 2) More Choices of Open Elective Subjects can be added.
- 3) Curriculum should be more industry based as industry is changing day by day curriculum should also be changed according to it. Update syllabus to include newer subjects which have more relevance to the industry and current technology



# Alumni Curriculum Feedback Questionaries'

| ALUMNI FEEDBACK ON CURRICULUM  Description (optional)  |
|--|
| 1. Curriculum is helpful in Career development. *  4 - Excellent  3 - Good  2 - Average  |
| 1 - Below Average  |
| 2. Curriculum offers various options to choose specialization. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                        |
| 3. The syllabus helps in bridging the gap between industry and academic institutions. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 4.The Syllabus includes soft skills & Professional Ethics *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                             |



| 5. Usage of Curriculum for development of human resource at your industry/workplace *  4 - Excellent                                     |  |  |
|--|--|--|
| ○ 3 - Good   |  |  |
| 2 - Average  |  |  |
| O 1 - Below Average  |  |  |
| 6. Incorporation of component about development of ability to manage/leadership qualities *  |  |  |
| O 4 - Excellent  |  |  |
| ○ 3 - Good   |  |  |
| O 2 - Average  |  |  |
| ○ 1 - Below Average  |  |  |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives) |  |  |
| 4 - Excellent  |  |  |
| ○ 3 - Good   |  |  |
| O 2 - Average  |  |  |
| 1 - Below Average  |  |  |

### Alumni Curriculum Feedback Responses

- 1) Subjects & Courses related to Industry requirements must be included.
- 2) More courses like Artificial Intelligence & Data Science must be considered for TE & BE students.
- 3) More Choices of Open Elective Subjects can be added.



# Alumni Curriculum Feedback Questionaries'

| ALUMNI FEEDBACK ON CURRICULUM  Description (optional)                                   |  |
|---|--|
| Curriculum is helpful in Career development. *  |  |
| O 4 - Excellent   |  |
| ○ 3 - Good  |  |
| 2 - Average   |  |
| 1 - Below Average   |  |
| 2. Curriculum offers various options to choose specialization. *                        |  |
| 4 - Excellent   |  |
| ○ 3 - Good  |  |
| 2 - Average   |  |
| ○ 1 - Below Average   |  |
| 3. The syllabus helps in bridging the gap between industry and academic institutions. * |  |
| 4 - Excellent   |  |
| ○ 3 - Good  |  |
| ○ 2 - Average   |  |
| 1 - Below Average   |  |
|   |  |
| 4.The Syllabus includes soft skills & Professional Ethics *                             |  |
| 4.The Syllabus includes soft skills & Professional Ethics *  4 - Excellent              |  |
|   |  |
| 4 - Excellent   |  |



| 5. Usage of Curriculum for development of human resource at your industry/workplace *  |  |
|--|--|
| 4 - Excellent  |  |
| ○ 3 - Good   |  |
| O 2 - Average  |  |
| 1 - Below Average  |  |
| 6. Incorporation of component about development of ability to manage/leadership qualities *  |  |
| O 4 - Excellent  |  |
| ○ 3 - Good   |  |
| 2 - Average  |  |
| 1 - Below Average  |  |
|  |  |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives) |  |
| 4 - Excellent  |  |
| ○ 3 - Good   |  |
| 2 - Average  |  |
| 1 - Below Average  |  |

#### **Alumni Curriculum Feedback Responses**

- 1) Subjects & Courses related to Industry requirements must be included.
- 2) Software oriented courses should be included related to structures, transportation & construction management which are in demand.
- 3) More Choices of Open Elective can be added.



### Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

2) Employer Questions & Responses (Feedback) of All Departments

# **Employers Curriculum Feedback Questionaries'**

| 1.The current syllabus is job-oriented, skill-based, and value-oriented. *              |  |
|---|--|
| 4 - Excellent   |  |
| ○ 3 - Good  |  |
| 2 - Average   |  |
| 1 - Below Average   |  |
|   |  |
| 2. The syllabus helps in bridging the gap between industry and academic institutions. * |  |
| O 4 - Excellent   |  |
| ○ 3 - Good  |  |
| O 2 - Average   |  |
| 1 - Below Average   |  |
|   |  |
| 3. Effectiveness of curriculum for the development of entrepreneurship *                |  |
| ○ 4 - Excellent   |  |
| ○ 3 - Good  |  |
| 2 - Average   |  |
| 1 - Below Average   |  |
| :::   |  |
| 4. The Syllabus includes soft skills & Professional Ethics *                            |  |
| 4 - Excellent   |  |
| ○ 3 - Good  |  |
| O 2 - Average   |  |
| 1 - Below Average   |  |



| 5. Usage of Curriculum for development of human resource at your industry/workplace *   |  |  |
|---|--|--|
| 4 - Excellent   |  |  |
| ○ 3 - Good  |  |  |
| O 2 - Average   |  |  |
| 1 - Below Average   |  |  |
|   |  |  |
| 6. Incorporation of component about development of ability to manage/leadership qualities *   |  |  |
| O 4 - Excellent   |  |  |
| ○ 3 - Good  |  |  |
| O 2 - Average   |  |  |
| 1 - Below Average   |  |  |
|   |  |  |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)  * |  |  |
| ○ 4 - Excellent   |  |  |
| ○ 3 - Good  |  |  |
| ○ 2 - Average   |  |  |
| 1 - Below Average   |  |  |

- Employers Curriculum Feedback Responses
   SPPU Computer Engineering Syllabus can add Internship for 3<sup>rd</sup> year or last year students for real time industry exposer.
- 2) Syllabus can also include with training and skill development courses.



# Employers Curriculum Feedback Questionaries'

| 1.The current syllabus is job-oriented, skill-based, and value-oriented. *              |
|---|
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 2. The syllabus helps in bridging the gap between industry and academic institutions. * |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 3. Effectiveness of curriculum for the development of entrepreneurship                  |
| 4 - Excellent   |
| 3 - Good  |
| ○ 2 - Average   |
| 1 - Below Average   |
|   |
| 4. The Syllabus includes soft skills & Professional Ethics *                            |
| _ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |



| 4 - Excellent  |
|--|
| 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 6. Incorporation of component about development of ability to manage/leadership qualities *  |
| ○ 4 - Excellent  |
| 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives) |
| ○ 4 - Excellent  |
| 3-Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| levers Curriculum Feedback Responses   |

5. Usage of Curriculum for development of human resource at your industry/workplace \*

Employers Curriculum Feedback Responses

1) SPPU Computer Engineering Syllabus can add Internship for 3<sup>rd</sup> year or last year

students for real time industry exposer.

2) Syllabus can also include with training and skill development courses.



# **Employers Curriculum Feedback Questionaries'** 1.The current syllabus is job-oriented, skill-based, and value-oriented. \* 4 - Excellent 3 - Good 2 - Average 1 - Below Average The syllabus helps in bridging the gap between industry and academic institutions. 4 - Excellent 3 - Good 2 - Average 1 - Below Average 3. Effectiveness of curriculum for the development of entrepreneurship 4 - Excellent 3 - Good 2 - Average 1 - Below Average 4. The Syllabus includes soft skills & Professional Ethics \* 4 - Excellent 3 - Good 2 - Average 1 - Below Average



| 5. Usage of Curriculum for development of human resource at your industry/workplace *   |
|---|
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 6. Incorporation of component about development of ability to manage/leadership qualities *   |
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)  * |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

## ${\bf Employers} \ {\bf Curriculum} \ {\bf Feedback} \ {\bf Responses}$

- 1) SPPU Civil Engineering Syllabus can make compulsory field project for project work on phase-II for final year students.
- 2) Syllabus can also include the skill development courses.
- 3) Software related courses should be included considering the automation era.



# **Employers Curriculum Feedback Questionaries'** 1.The current syllabus is job-oriented, skill-based, and value-oriented. \* 4 - Excellent 3 - Good 2 - Average 1 - Below Average The syllabus helps in bridging the gap between industry and academic institutions. \* 4 - Excellent 3 - Good 2 - Average 1 - Below Average 3. Effectiveness of curriculum for the development of entrepreneurship 4 - Excellent 3 - Good 2 - Average 1 - Below Average 4. The Syllabus includes soft skills & Professional Ethics \* 4 - Excellent 3 - Good 2 - Average 1 - Below Average



| 5. Usage of Curriculum for development of human resource at your industry/workplace *   |
|---|
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 6. Incorporation of component about development of ability to manage/leadership qualities *   |
| O 4 - Excellent   |
| ○ 3 - Good  |
| O 2 - Average   |
| 1 - Below Average   |
|   |
| 7. Weightage given to Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)  * |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

- Employers Curriculum Feedback Responses
  1) SPPU Mechanical Engineering Syllabus can add Internship for 3<sup>rd</sup> year or last year students for real time industry exposer.
- 2) Syllabus can also include with training and skill development courses.
- 3) Case studies shall be added to the curriculum



### Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

3) Teachers Questions & Responses (Feedback) of All Departments

# Teachers Curriculum Feedback Questionaries'

| TEACHERS FEEDBACK ON CURRICULUM  Description (optional)   |
|---|
| 1. Aims and objectives of the syllabi are well defined and clear to teachers and students. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 2. Curriculum helps in reducing the gap between Industry and Academics. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                    |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  2 - Average  1 - Below Average               |
| 4.Curriculum enriches domain knowledge of Program/Course *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                                   |

| Curriculum includes Cross Cutting issues like Human Values, Gender Sensitization,     Personality development and Professional ethics. |
|--|
| 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
| :::  |
| Mechanism used for development /revision of curriculum by BoS (e.g. feedback from educationalist, industry expert)                     |
| ○ 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 7. The course/program of studies carries sufficient number of optional papers. *   |
| ○ 4 - Excellent  |
| ○ 3 - Good   |
| O 2 - Average  |
| ○ 1 - Below Average  |

#### **Teachers Curriculum Feedback Responses**

- 1) Curriculum to include one NPTEL course and should be assesses
- **2)** Include one unit which is completely based on R Programming and reaches to industry.
- 3) The practical list should be minimized so that students all over the university have specified programs for study. List is different with each institute and students may face problems at the time of viva by external.

# **Teachers Curriculum Feedback Questionaries'**

| TEACHERS FEEDBACK ON CURRICULUM  Description (optional)   |
|---|
| 1. Aims and objectives of the syllabi are well defined and clear to teachers and students. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 2. Curriculum helps in reducing the gap between Industry and Academics. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                    |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  2 - Average  1 - Below Average               |
| 4.Curriculum enriches domain knowledge of Program/Course *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                                   |
| . St. St. Ardage  |

| Curriculum includes Cross Cutting issues like Human Values, Gender Sensitization,     Personality development and Professional ethics. |
|--|
| 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
| :::  |
| Mechanism used for development /revision of curriculum by BoS (e.g. feedback from educationalist, industry expert)                     |
| ○ 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 7. The course/program of studies carries sufficient number of optional papers. *   |
| O 4 - Excellent  |
| ○ 3 - Good   |
| O 2 - Average  |
| 1 - Below Average  |

#### **Teachers Curriculum Feedback Responses**

- 1) Theory & Applications should be balanced.
- 2) Practicals needs to be aligned with syllabus
- 3) It will be good to emphasize on developing employability skills while designing curriculum.
- **4)** Curriculum should be more balanced in theoretical and practical knowledge / applications.
- 5) Interdisciplinary topics/ activity can be part of the curriculum.
- **6)** Practicals and Lab work must be given more weightage.



# **Teachers Curriculum Feedback Questionaries'**

| TEACHERS FEEDBACK ON CURRICULUM  Description (optional)   |
|---|
| 1. Aims and objectives of the syllabi are well defined and clear to teachers and students. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
|   |
| Curriculum helps in reducing the gap between Industry and Academics. *  |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| 3. Sufficient reference books and study material are available on curriculum *  |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| ○ 1 - Below Average   |
|   |
| 4.Curriculum enriches domain knowledge of Program/Course *  |
| 4 - Excellent   |
| ○ 3 - Good  |
| O 2 - Average   |
| 1 - Below Average   |

| Curriculum includes Cross Cutting issues like Human Values, Gender Sensitization,     * Personality development and Professional ethics. |
|--|
| O 4 - Excellent  |
| O 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 6. Mechanism used for development /revision of curriculum by BoS (e.g. feedback from educationalist, industry expert)                    |
| O 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| ○ 1 - Below Average  |
|  |
| 7. The course/program of studies carries sufficient number of optional papers. *   |
| O 4 - Excellent  |
| ○ 3 - Good   |
| O 2 - Average  |
| ○ 1 - Below Average  |

#### **Teachers Curriculum Feedback Responses**

- 1) Curriculum to include one assessed NPTEL course.
- 2) Include one unit for core subjects as a mini project/Module which is completely based on field insights.
- 3) Few contents of SE 2019 pattern courses (FM, MOS) can be reduced for better understanding of the concept of the subject.
- 4) There should be ERP software module for third or final year students.



# Teachers Curriculum Feedback Questionaries'

#### TEACHERS FEEDBACK ON CURRICULUM

| Descripti | / | 1) |
|-----------|---|----|
|           |   |    |

| 1. Aims and objectives of the syllabi are well defined and clear to teachers and students. * |
|--|
| 4 - Excellent  |
| 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| Curriculum helps in reducing the gap between Industry and Academics. *                       |
| 4 - Excellent  |
| ○ 3 - Good   |
| ○ 2 - Average  |
| 1 - Below Average  |
|  |
| 3. Sufficient reference books and study material are available on curriculum *               |
| 4 - Excellent  |
| ( 3 - Good   |
| ○ 2 - Average  |
| ○ 1 - Below Average  |
|  |
| 4.Curriculum enriches domain knowledge of Program/Course *                                   |
|  |
| 4 - Excellent  |
| 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |

| Personality development and Professional ethics.   |
|--|
| 4 - Excellent  |
| 3 - Good   |
| 2 · Average  |
| 1 - Below Average  |
|  |
| <ul> <li>Mechanism used for development /revision of curriculum by BoS (e.g. feedback from<br/>educationalist, industry expert)</li> </ul> |
| 4 - Excellent  |
| ○ 3 - Good   |
| 2 - Average  |
| 1 - Below Average  |
|  |
| 7. The course/program of studies carries sufficient number of optional papers. *   |
| 4 - Excellent  |
| ○ 3 - Good   |
| ○ 2 - Average  |
| 1 - Below Average  |

## Teachers Curriculum Feedback Responses

- 1) Industry oriented approach should be there for BE students
- 2) For TE Information Theory, Communication and Coding Techniques subject more focus should be given to coding part.
- 3) Frequent improvement in Syllabus contents as per industry need



# Teachers Curriculum Feedback Questionaries'

| TEACHERS FEEDBACK ON CURRICULUM  Description (optional)   |
|---|
| 1. Aims and objectives of the syllabi are well defined and clear to teachers and students. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average   |
|   |
| 2. Curriculum helps in reducing the gap between Industry and Academics. *  4 - Excellent  3 - Good  2 - Average  1 - Below Average  |
|   |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent   |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent   |
| 3. Sufficient reference books and study material are available on curriculum *  |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  2 - Average  |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  2 - Average  |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  1 - Below Average  4. Curriculum enriches domain knowledge of Program/Course *  4 - Excellent  3 - Good    |
| 3. Sufficient reference books and study material are available on curriculum *  4 - Excellent  3 - Good  2 - Average  1 - Below Average  4. Curriculum enriches domain knowledge of Program/Course *  4 - Excellent |

| Curriculum includes Cross Cutting issues like Human Values, Gender Sensitization,     Personality development and Professional ethics.      4 - Excellent |
|---|
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| :::   |
| Mechanism used for development /revision of curriculum by BoS (e.g. feedback from educationalist, industry expert)  |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| ○ 1 - Below Average   |
| 7. The course/program of studies carries sufficient number of optional papers. *  |
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| ○ 1 - Below Average   |

## **Teachers Curriculum Feedback Responses**

- 1) Curriculum to include one NPTEL course and should be assesses.
- 2) Application of every chapter of each subject must be implemented through small project
- 3) some research based training/Dissertation needs to be offered in the last semester of the programme, which will definitely help the students who are keen towards higher education.



# Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

4) Students Questions & Responses (Feedback) of All Departments

| STUDENTS FEEDBACK ON CURRICULUM  Description (optional)  |
|--|
| 1. Is curriculum is career oriented? *      4 - Excellent     3 - Good     2 - Average     1 - Below Average               |
| 2.Inclusion/incorporation of latest advancements in the subject *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 3. Weightage given to Skill development *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                         |
| 4. Fulfilment of Learning objectives *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |



| 5. Weightage given to practical and field work component  |
|---|
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| Weightage given to Learning values (in terms of knowledge, concepts, manual skills,     analytical abilities and broadening perspectives) |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| 7. Creation of interest to pursue higher education *  |
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

- 1) SPPU Computer Engineering Syllabus can add industry required subject.
- 2) Some Subjects like TOC & Discrete Math's can be replaced by computer specific subject in syllabus.
- 3) There are subjects like IOT & AI that can include with practical exam as well.



| STUDENTS FEEDBACK ON CURRICULUM  Description (optional)  |
|--|
| 1. Is curriculum is career oriented? *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |
| 2.Inclusion/incorporation of latest advancements in the subject *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 3. Weightage given to Skill development *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                         |
| 4. Fulfilment of Learning objectives *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |



| 5. Weightage given to practical and field work component  |
|---|
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| ○ 1 - Below Average   |
| Weightage given to Learning values (in terms of knowledge, concepts, manual skills,     analytical abilities and broadening perspectives) |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| 7. Creation of interest to pursue higher education *  |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

- 1) Add more topics related to applied physics and mathematics.
- 2) Courses for various domains such as web, android, Machine learning should be there.
- 3) It would be great if we were exposed to different fields apart from Engineering once in a few months.



| STUDENTS FEEDBACK ON CURRICULUM  Description (optional)  |
|--|
| 1. Is curriculum is career oriented? *      4 - Excellent     3 - Good     2 - Average     1 - Below Average               |
| 2.Inclusion/incorporation of latest advancements in the subject *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 3. Weightage given to Skill development *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                         |
| 4. Fulfilment of Learning objectives *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |



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|---|
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| Weightage given to Learning values (in terms of knowledge, concepts, manual skills,     analytical abilities and broadening perspectives) |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 7. Creation of interest to pursue higher education *  |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

- 1) There should be internship for SE students as well.
- 2) SPPU Civil Engineering Syllabus can add industry required subject.
- 3) Syllabus should include software related courses.



#### STUDENTS FEEDBACK ON CURRICULUM

2 - Average

1 - Below Average

| OTO DENTO I DED BACK ON CORRICOLOM  |
|---|
| Description (octional)  |
|   |
|   |
| 1. Is curriculum is career oriented? *  |
|   |
| 4 - Excellent   |
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| 2 - Average   |
|   |
| 1 - Below Average   |
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| 2.Inclusion/incorporation of latest advancements in the subject *   |
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| ○ 3 - Good  |
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| 2 - Average   |
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| 1 - Below Average   |
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|   |
| 3. Weightage given to Skill development *   |
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| 4 - Excellent   |
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| 2 · Average   |
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| 1 - Below Average   |
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| 4. Fulfilment of Learning objectives *  |
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| 4. Fulfilment of Learning objectives *  |
| 4. Fulfilment of Learning objectives *  |



| 5. Weightage given to practical and field work component  |
|---|
| 4 - Excellent   |
| 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| <ol> <li>Weightage given to Learning values (in terms of knowledge, concepts, manual skills,<br/>analytical abilities and broadening perspectives)</li> </ol> |
| 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
|   |
| 7. Creation of interest to pursue higher education '  |
| 4 - Excellent   |
| ○ 3-Good  |
| ○ 2 - Average   |
| 1 - Below Average   |

- Latest advancements in the subject can be included in BE syllabus
   Curriculum can be made less theoretical.



| STUDENTS FEEDBACK ON CURRICULUM  Description (optional)  |
|--|
| 1. Is curriculum is career oriented? *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |
| 2.Inclusion/incorporation of latest advancements in the subject *  4 - Excellent  3 - Good  2 - Average  1 - Below Average |
| 3. Weightage given to Skill development *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                         |
| 4. Fulfilment of Learning objectives *  4 - Excellent  3 - Good  2 - Average  1 - Below Average                            |



| 5. Weightage given to practical and field work component  |
|---|
| O 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
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|   |
| Weightage given to Learning values (in terms of knowledge, concepts, manual skills,     analytical abilities and broadening perspectives) |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |
| 7. Creation of interest to pursue higher education *  |
| ○ 4 - Excellent   |
| ○ 3 - Good  |
| 2 - Average   |
| 1 - Below Average   |

- 1) SPPU Mechanical Engineering Syllabus can add industry required subject.
- 2) More practical knowledge than theoretical.
- 3) Few more latest topics/subjects can be added





#### "Empowerment through quality technical education" Dr D Y Patil Educational Enterprises Charitable Trust's

#### Ajeenkya D Y Patil Group of Institution's Technical Campus

#### Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

# **Action Taken Report**

Title: - Stakeholder feedback (Student, Alumni, Teacher, Employer) on Curriculum

The Context that requires the initiation of Practice: - Curriculum Design and Development is a significant process of developing appropriate need-based inputs in consultation with the expert groups, based on the feedback from stakeholders. Stakeholder Feedback is extremely essential for understanding the curriculum delivery and its timely updating as per required for industry standards. This best practice helps to support & design, modify the curriculum as per feedback of stakeholders.

**Objectives of taking stakeholder feedback: -** The ultimate aim of stakeholder's feedback is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and capacity. Curriculum, being one of the significant aspects of the teaching learning process, needs continuous and periodical evaluation.

#### **Execution of Process: -**

Considering Online Mode of Teaching-Learning the Feedback I also taken in online mode through online Google forms.

- 1. Feedback Conduction for All Stake holders on Curriculum
- All the Feedback co-ordinators of department will share the link of that google form to respective Stake holder of their department of A.Y 2019-20 & 2020-21 with pdf of Syllabus Copy of that respective academic year.
- 2. Feedback Report Collection:

All Feedback Co-ordinators of Department will collect from responses so product & send the report to Criteria- I Chairperson.

#### **Evidence/Impact of the Practice:-**

Through this Feedback Mechanism we could able to understand the curriculum revision /addition/deletion for the proposed revised curriculum.

Through this feedback Mechanism we could able to understand the way of transaction of content delivery from its effectiveness point of view & different delivery methods like chalk talk, ppts etc. So that the learners can better understand the concepts & enjoy the teaching learning process.

#### Problem encountered /Obstacles faced and strategies adopted to overcome them:-

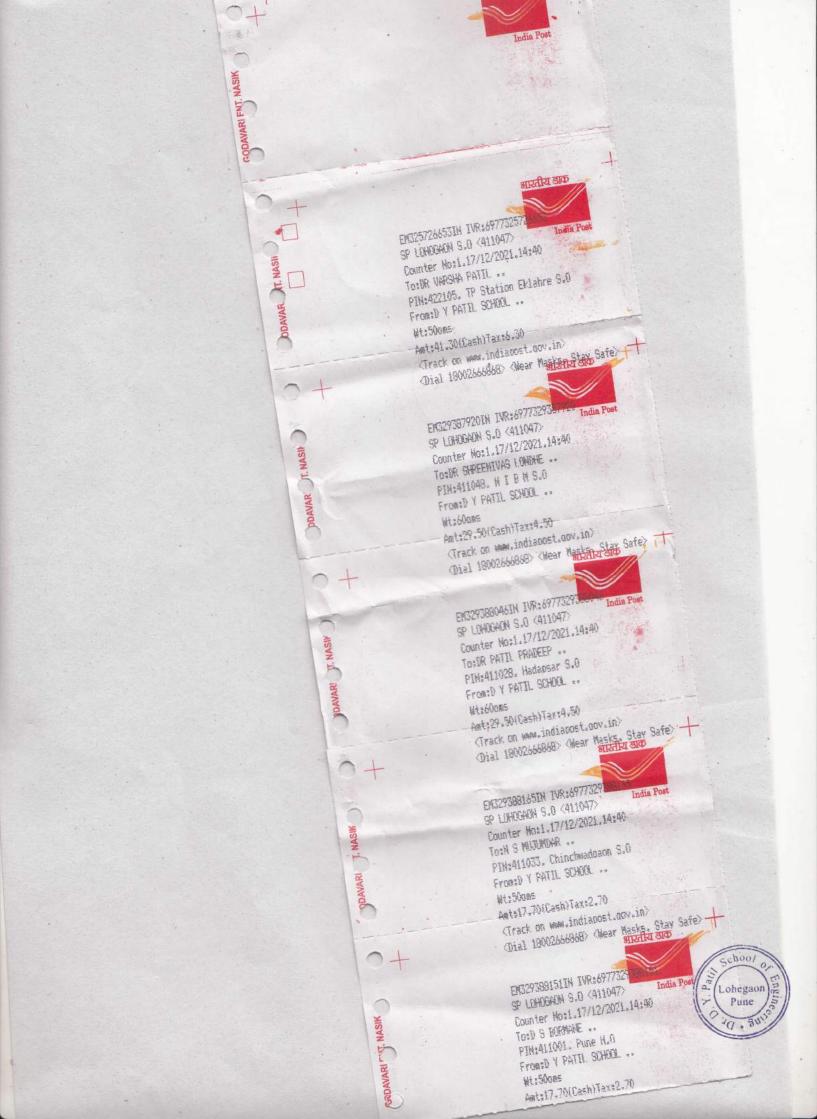
Our traditional practice of conducting such feedback was in offline mode .So we decided to conduct the feedback through online/virtual mode.

Due to this mode of feedback conduction we received comparatively less response from the learners.

We communicated the stakeholder response on curriculum and its transaction to concerned department board of studies through register post however till date we have not received any acknowledgement of it & we expect it might be under consideration for proposed revised curriculum.

Cohegaon Pune

Dr. F. B. Sayyad





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Ajeenkya D Y Patil Group of Institution's Technical Campus

#### Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

(Accredited by NAAC)

Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses. (*Savitribai Phule Pune University*)

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Dr. F. B. Sayyad

# Savitribai Phule Pune University MINUTES OF THE MEETING Board of Studies, Computer Engineering

The second meeting of Board of Studies, Computer Engineering under the Faculty of Science and Technology was held on 19th may 2021 at 3.00pm as zoom meeting.

#### Agenda:

#### Agenda-

- 1. Confirming earlier MoM
- 2. Curriculum design at TE Computer, SE (AI and DS) and MCA
- 3. Proposing new UG Program " Computer Science and Design'
- 4. Review of newly started courses at Honour and PG Program.
- 5. Any other additional point

Following members wear present for the meeting-

| 1. Dr. V. H. Patil (Chairman) | 2. Dr. Suhasini Itkar     |
|-------------------------------|---------------------------|
| 3. Dr. S.S. Sane              | 5. Dr. M. L. Dhore        |
| 4. Dr. Sachin Lodha           | 6. Dr. Sunil Bhirud       |
| 7. Dr. Geetanjali Kale        | 8. Dr. R. S. Prasad       |
| 9. Dr. Pramod Patil           | 10. Dr. Parikshit Mahalle |
| 11. Dr. Ritesh V. Patil       | 12. Dr. Prashant Yawalkar |

#### Leave of Absence-

Mr. Girish Khilari conveyed about unavailability and the leave of absence may be granted.

#### Item 1. Earlier MOM confirmation

Meeting started with welcome of all members of Board of Studies Computer Engineering. Earlier meeting minutes were read and confirmed.

# Item 2. Curriculum design at TE Computer, SE (AI and DS) and MCA

Dr. Pramod Patil has collected suggestions for curriculum revision from various stack holders and he has proposed structure, team leaders and members for design of contents.



#1/2

Madam Dr. Suhasini Itkar shall shoulder the responsibility for MCA.

Dr. Yawalkar shall follow the process as earlier decided and prepare draft of SI&DS at second year.

## Item 3. Proposing new UG Program " Computer Science and Design'

Looking a demand of human resources for thrust domains at Computer and IT the AICTE has proposed new degree programs at engineering. The board members have uninamously agreed to start new engineering degree **Computer Science and Design'** and responsibility is assigned to Dr. R. V. Patil under guidance of Dr. Sane and Dr Dhore.

#### Resolution:

The board members have uninamously agreed to start new engineering degree Computer Science and Design' and is forwarded for approval.

# Item 4 and 5. Review of newly started courses at Honour and PG Program

#2/2

Discussion was held regarding the implementation of honor courses. Satisfactory implementation is observed and appreciation is received by students, teachers, industry experts and management.

Dr. V. H. Patil Chairman

BoS (Computer Engineering)

SPPU, Pune

Lohegaon Pune

# Savitribai Phule Pune University MINUTES OF THE MEETING

Board of Studies, Computer Engineering

The meeting of Board of Studies, Computer Engineering under the Faculty of Science and Technology was held on 5th February 2020 at 11 am in the meeting hall, 2nd floor, Academic Building of Savitribai Phule Pune University, Ganeshkhind, Pune-7.

Reference: CBE/78 dated 29/1/2020

Following members were present for the meeting-

- 1. Dr. S. S. Sane
- 3. Dr. Sachin Lodha
- 5. Dr. Geetanjali Kale
- 6. Dr. Ritesh Patil

- 2. Dr. Suhasini Itkar
- 4. Dr. Pramod Patil

#### Leave of Absence-

Dr. Varsha Patil, Dr. R. S. Prasad, Dr. Sunil Bhirud, Dr. Parikshit Mahalle, Dr. M. L. Dhore, Dr. R. Venkateshwaran, Dr. P. M. Yawalkar and Mr. Girish Khilari conveyed their unavilability for the meeting and their leave of absence may be granted.

Chairman of BOS Dr. V. H. Patil requested Dr. S. S. Sane to conduct the meeting on her behalf.

Dr. S. S. Sane welcomed all the members.

Following business was transacted as per agenda:

## Item 1. Confirmation of Minutes of previous Meeting

Resolution: Minutes of previous meeting were read and confirmed.

Item 2. Propose to start a new UG programme in Artificial Intelligence and Data Science under Computer Engineering board of studies.

**Resolution**: With reference of circular to all Vice Chancellors of All Affiliating Universities F.No. AICTE/AB/WR/EAT/2019-20 DT 13.11.2019 related to Introduction of new under graduate courses in Emerging area of Technology, AICTE shall approve the introduction of B.Tech/B.E Programme in Artificial Intelligence and Data Science (AI&DS).

It has been discussed, resolved and recommended that new UG degree programme in B.E (Artificial Intelligence and Data Science) to be introduced under BOS in Computer Engineering under Faculty of Science and Technology from the Academic Year 2020-21.

To be forwarded to the Faculty of Science and Technology for its consideration and approval.

Item 3. Propose to start honors courses and minor courses for UG programme in Computer Engineering ( like emerging areas in Artificial Intelligence (AI), Internet of Things (IoT), Cyber Security, Big Data & Analytics and Block chain)



**Resolution**: With reference of circular to all Vice Chancellors of All Affiliating Universities F.No. AICTE/AB/WR/EAT/2019-20 DT 13.11.2019 related to Introduction of new under graduate courses in Emerging area of Technology, AICTE shall approve the introduction of minor courses in nine emerging areas.

The matter was discussed, resolved and recommended that following minor degree/honours courses in emerging areas to be introduced each with 18-20 credits as per guidelines of AICTE. Refer APH 2020-21 page no. 99)

| Minor Degree/Hons                            | To be offered as Hons., Only for following Major Disciplines (For any other Major Disciplines which is not mentioned here, it may be offered as Minor Degree |
|--|--|
| Artificial Intelligence and Machine Learning | 1. Computer Engineering,   |
|  | 2.Electronics & Telecommunication<br>Engineering   |
|  | 3.Electronics Engineering  |
| Cyber Security                               | 1. Computer Engineering,   |
|  | 2.Electronics & Telecommunication<br>Engineering   |
|  | 3.Electronics Engineering  |
| Data Science                                 | 1. Computer Engineering,   |
|  | 2.Electronics & Telecommunication<br>Engineering   |
|  | 3.Electronics Engineering  |
| Internet of Things (IoT)                     | 1. Computer Engineering,   |
|  | 2.Electronics & Telecommunication<br>Engineering   |
|  | 3.Electronics Engineering  |
| Virtual and Augumented Reality               | 1. Computer Engineering,   |
|  | 2.Electronics Engineering  |

To be forwarded to the Faculty of Science and Technology for its consideration and its approval.

Item 4. Review of progress of Second Year (Computer Engineering) syllabus revision.



**Resolution**: The detailed draft of each subject was discussed. Members present provided few suggestions. The final draft will be submitted in due course of time.

Item 5. A committee to be formed for reviewing university examination question papers for Oct / Nov. 2019.

**Resolution**: Dr. Parikshit Mahalle and Dr. Geetanjali Kale were requested to prepare a format for review of question papers consisting of items such as i) Questions as per syllabus, ii) use of blooms taxonomy, iii) percentage repetition of questions from previous three university insem and endsem examinations iv) Printing errors etc and also to submit the format and the committee for reviewing university examination question papers for Oct./Nov.2019 examinations.

# Item 6. Propose to start Specialization in PG programme in Computer Engineering

**Resolution**: Looking at industry needs new PG specialization programs should be offered. \members discussed, deliberated and resolved that, introduction of ME Computer Engineering with specialization in Data Science and ME Computer Engineering with specialization in Cyber Security should be introduced.

To be forwarded to the Faculty of Science and Technology for its consideration and approval.

Item 7. Any other point with permission of the Chair

**Resolution**: The detailed draft of each subject was discussed. Members present provided few suggestions. The final draft will be submitted in due course of time.

Dr. S S Sane



# Savitribai Phule Pune University MINUTES OF THE MEETING

Board of Studies, Computer Engineering

The meeting of Board of Studies, Computer Engineering under the faculty of science and technology was held on 28<sup>th</sup> December 2020 at 3.00 pm in online mode on zoom platform.

Reference: CB/S&T/726 dated 24/12/20

#### Following members were present for meeting:

1. Dr. S. S. Sane

2. Dr. Sunil Bhirud

3. Dr. Parikshit Mahalle

4. Dr. Pramod Patil

5. Dr. Geetanjali Kale

6. Dr. Suhasini Itkar

7. Dr. M. L. Dhore

8. Dr. R. Venkateshwaran

9. Dr. Girish Khilari

10. Dr. P. M. Yawalkar

11. Dr. M. L. Dhore

#### Leave of Absence:

Chairman BoS Dr. V. H. Patil requested Dr. S. S. Sane to conduct the meeting on her behalf as she had to attend other meeting of SPPU during the same time slot.

Dr. R. S. Prasad, Dr. Ritesh Patil, Dr. Sachin Lodha conveyed their unavailability for the meeting and their leave of absence may be granted.

Dr. S. S. Sane welcomed the members and congratulated Mr. Girish Khillari for initiatives for students undertaken by his organization and recognition from University. He also congratulated Dr. R S Prasad for being selected as Director, AMITY University.

Following items were discussed as per agenda-

#### Item 1: Review of SE Curriculum (2019 course)

**Resolution:** Dr. Parikshit Mahalle briefed about the conduction of SE Curriculum (2019 course). Due to pandemic situation teaching-leaning was carried out by affiliated colleges in an online mode. All the colleges have completed the syllabus. There was demand from teachers to have practical/oral examination for all laboratory courses. Also, there is request that mini project of OOPCGL may not be made compulsory.

#### Item 2: Conduction of FDPs for SE 2019 course, Semester II

**Resolution:** Proposals for conduction of FDPs for SE 2019 course were invited from various colleges and it is being allocated on first come first served basis as follows

PBL - SIT LONAVALA ADS, ADSL - WADIA

SE- MMCOE

MP- NDMVP

PPL-NBNSSOE

Dr. Parikshit Mahalle was requested to prepare the FDP calendar.

#### Item 3: Review of Honors courses curriculum

**Resolution:** Dr. Parikshit Mahalle informed that some of the colleges under SPPU have offered the honors program and teaching-learning for TE first semester courses was carried out. BoS members appreciated the efforts put in by staff members involved in curriculum design of these courses.

#### Item 4: Review of MCA curriculum (2 Years, 2019 course)



**Resolution:** Dr. Suhasini Itkar presented review of SY MCA (3 Years 2019 Course) and Review of FY MCA (2 Years 2020 Course).

Discussion on design of TY MCA (3 Years 2019 Course) and SY MCA (2 Years 2020 Course) was made. It was further resolved that Subject coordinators and team need to be finalized for the detailed design of the curriculum. Mr. Girish Khillari suggested about offering MCA program of 1 year duration for engineering graduates. Dr. Dhore and Dr. Bhirud suggested that 15 months to 18 month certificate course may be made available for such students.

#### Item 5: Conduction of FDPs for MCA 2019 course semester

**Resolution:** Dr. Suhasini Itkar suggested conducting FDPs for four courses by identifying the colleges that will host the FDP. Dr. Itkar was requested to prepare calendar for the FDP.

Item 6: Review of status of proposed ME curriculum

**Resolution:** Dr. Geetanjali Kale presented the proposed Curriculum for ME DS, ME AI-DS and ME Cyber Security. Syllabus is being reviewed and discussed in meeting.

Following colleges have received sanction for ME specialization from AICTE:

SCTR's Pune Institute of Computer Technology (DS)

V. P. KBIET Baramati (AIDS)

Zeal College of Engineering and Research, Pune (DS)

Dr. S. S. Sane suggested to collect feedback on the designed syllabus from the colleges who have got sanction for ME specialization.

#### Item 7: Design of curriculum for TE 2019 course

Resolution: Dr. Pramod Patil presented the credit structure and standard guidelines for design of TE 2019 course syllabus. Dr. D. Y. Patil teachers' team have prepared various tracks for the elective subjects with six specializations. Looking at teaching resources and examination overheads, members suggested reducing the elective groups from 6 to 4. Dr. R. Venkateshwaran suggested having an elective track pertaining to research based and industry oriented courses. Dr. Bhirud suggested having a general track with courses that may not have prerequisites. Dr. M. L. Dhore suggested adding a course in each track covering mathematical aspects. Dr. Geetanjali Kale suggested to design elective groups in such way that there should be difference between honors program and elective tracks as the same students are going to opt for it.

Members proposed to conduct one more meeting to discuss the TE Syllabus.

Item 8: Additional Point- Correction in honors circular number 149/2020 of SPPU reference-CN/IS&T/329 dated 17/06/2020.

**Resolution:** As per the MoM of Board (Computer Engineering) meeting conducted on 5<sup>th</sup> Feb 2020 (CBE/78 dated 29<sup>th</sup> Jan 2020), the honor courses proposed were to be offered for 4 disciplines as Honors-

Computer Engineering, Electronics and Telecommunication Engineering, Information Technology and Electronics Engineering and

as a Minor degree for remaining disciples (not mentioned above).

It is recommended to make necessary corrections in circular.

The meeting ended with vote of thanks and new year wishes.

Chairman,

**BOS** in Computer Engineering

FOS&T, SPPU, Pune





शैक्षणिक विभाग गणेशखिंड, पुणे—४११ ००७ दुरध्वनी क.:०२०—२५६०१२५७/५८ ई—मेल.: boards@pun.unipune.ac.in.

संकेतस्थळ : www.unipune.ac.in

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दिनांक: 29/1/2021

संदर्भ क. ८८६/78

# सभेची सूचना

कॉम्प्युटर इंजिनिअरिंग (Computer Engineering) अभ्यासमंडळाची सभा बुधवार, दि. ५, फेब्रुवारी २०२० रोजी सकाळी ११:०० वाजता शैक्षणिक विभाग सभागृह, सावित्रीबाई फुले पुणे विद्यापीठ, पुणे—४११ ००७ येथे आयोजित करण्यात आलेली आहे.

मा. सदस्यांनी सभेस उपस्थित रहावे. ही विनंती.

कक्षाधिकारी (शैक्षणिक विभाग)

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- ११. **डॉ.आर व्यंकटेश्वरण**पर्सिस्टंन्ट सिस्टिम लि. भागिरथ, ४०२ सेनापती बापट रोड, पुणे—४११०१६ ईमेल — <u>venki@persistent.com</u> मोबाईल — ९९२२४३४६७५
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# **Agenda**

- 1. Confirmation minutes of earlier meeting.
- 2. Propose to start a new UG programme in Artificial Intelligence and Data Science under Computer Engineering board of studies.
- 3. Propose to start Honors courses and minor courses for UG programme in Computer Engineering (like emerging areas in Artificial Intelligence(AI), Internet of Things(IoT), Cyber Security, Big Data & Analytics and Block chain.
- 4. Review of progress of 2<sup>nd</sup> year (Computer Engineering) syllabus revision.
- 5. A committee to be formed for reviewing University examination Question papers for Oct/Nov 2019.
- 6. Propose to start Specialization in PG programme in Computer Engineering.
- 7. Any other point with permission of chiar.

Copy f.w.cs for information and necessary action to

1. The Finance and Accounts Officer, S. P. Pune University, Pune-7.

