



Feedback System for Curriculum Development

For AY 2017-18

- I. Stakeholder's Feedback collection.**
- II. Feedback Analysis**
- III. Action Taken Report**
- IV. Communication to BoS**
- V. Hosted on the institutional website**




**Head,
Industrial &
Production Engg. Dept**



Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
666, Upper Indiranagar, Bibwewadi, Pune 411 037
Department of Industrial & Production Engineering

I) **Stakeholder's Feedback collection for A. Y. 2017-18**

1. Stakeholder's Feedback collected: Sample Teachers Feedback
2. Stakeholder's Feedback collected: Sample Employers Feedback
3. Stakeholder's Feedback collected: Sample Alumni Feedback
4. Stakeholder's Feedback collected: Sample Students Feedback
5. Stakeholder's Feedback collected: Sample Parents Feedback




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Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology, Pune 37

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Faculty/ Parents/ Employer/ Alumni/ Students Feedback on Curriculum and Structure Design / Review

Department: - IPED

AY: 2017-18

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	09	
2	Potential for Employability.	09	
3	Curriculum covers the latest state of art topics.	08	
4	Reference material and books available.	09	
5	Blended learning and futuristic pedagogy.	08	
6	Evaluation methods for providing proper assessment.	07	
7	Hands-on component in the Curriculum is satisfactory.	08	
8	Covers of socially relevant issues.	07	
9	Curriculum gives inputs to students for business acumen and ethical practices.	09	
10	Knowledge gain through experiential learning	10	

Comments (If Any): - N.A. -

Name: - Prof. Sunil S. Kuber

Organization: - VIT Pune

Sign: -

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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Department: Industrial & Production Engg. AY: 2017-18

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	6	
2	Potential for Employability.	7	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	7	
5	Blended learning and futuristic pedagogy.	9	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	7	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through experiential learning	8	

Comments (If Any):

Name: NAVANATH DUMBALKAR

Organization: CUMMINS INDIA LTD

Sign: navanathdumbalkar

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Department: Industrial & Production Engineering

AY: 2017-18

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Q. No	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	4	
2	Potential for Employability.	10	
3	Curriculum covers the latest state of art topics.	4	
4	Reference material and books available.	8	
5	Blended learning and futuristic pedagogy.	4	
6	Evaluation methods for providing proper assessment.	4	
7	Hands-on component in the Curriculum is satisfactory.	4	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	8	
10	Knowledge gain through experiential learning	9	

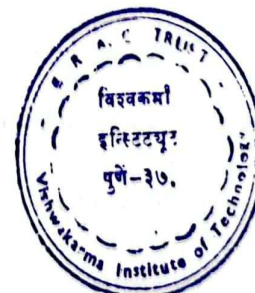
Comments (If Any):

Name: Tamara Koul

Organization: VIT PUNE

Sign: Tamara

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Industrial &
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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on Curriculum and Structure Design / Review

Department: *Industrial & Production Engineering* AY: *2017-2018*

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	7	
2	Potential for Employability.	8	
3	Curriculum covers the latest state of art topics.	6	
4	Reference material and books available.	7	
5	Blended learning and futuristic pedagogy.	8	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	10	
8	Covers of socially relevant issues.	7	
9	Curriculum gives inputs to students for business acumen and ethical practices.	8	
10	Knowledge gain through experiential learning	9	

Comments (If Any):

Name: *Shivam V. Nagulkar*

Organization: *VIT Pune.*

Sign: *[Signature]*

[Signature]

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Department: Industrial & Production Engg.

AY: 2017-18

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	8	
2	Potential for Employability.	9	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	8	
5	Blended learning and futuristic pedagogy.	9	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	8	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	
10	Knowledge gain through experiential learning	9	

Comments (If Any):

Name: Pankaj Nawal

Organization: Green Span Agr. Pvt. Ltd.

Sign: Pankaj

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II) Feedback Analysis




**Head,
Industrial &
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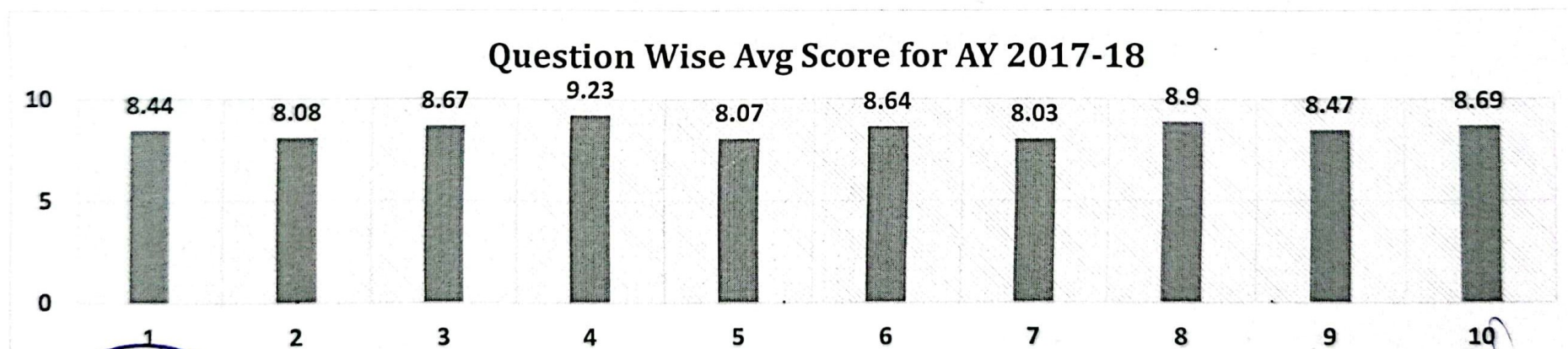


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Stakeholder's feedback collection for A. Y. 2017-18 and Feedback Analysis - Industrial Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
2017-18	Students	5	Average score	8.4	8.4	8.8	8	8.6	8.4	8.8	9	8.4	8.6
	Teachers	5		8.8	8.6	9	9	8.8	8.6	8.6	8.8	8.8	9.4
	Employers	5		8.4	8.2	8.6	8.6	8.6	8.8	8.6	8.4	8.8	8.8
	Alumni	5		9	8.4	8.8	9.2	8.6	9.6	8.8	8.2	8.6	9.2
	Parent	5		8	7.8	8.6	9	7.4	7.8	8.6	7.6	7	8.4

Question Wise Avg Score for AY 2017-18



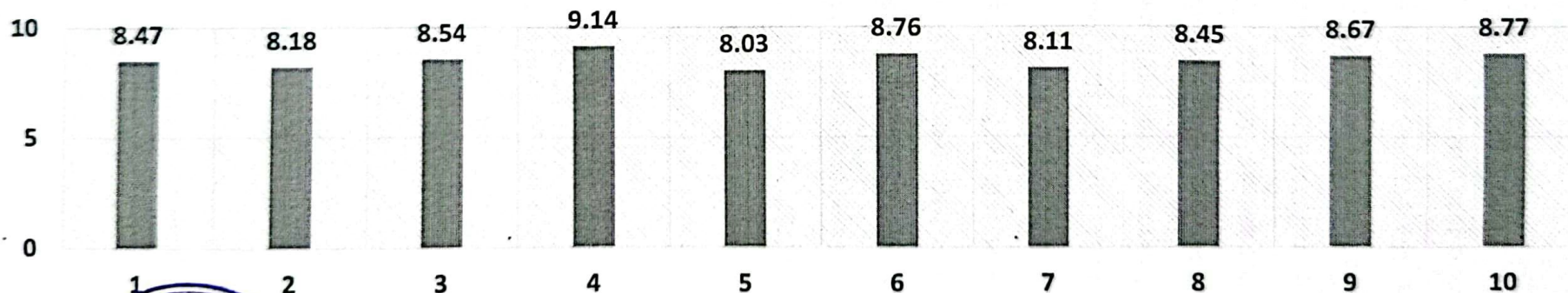


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Stakeholder's feedback collection for A. Y. 2017-18 and Feedback Analysis – Production Engg.

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
2017-18	Students	5	Average score	8.8	8.6	9.6	9.2	8.8	8.8	8.4	8.6	9.2	8.8
	Teachers	5		8.6	8.4	8.2	7.8	8.6	8.4	8.6	8.8	8.2	8.2
	Employers	5		8.4	8.2	8.6	8.6	8.4	8.6	7.8	7.8	7.8	8.4
	Alumni	5		9.4	9.2	9.2	8.6	8.8	9.6	9.6	9.2	9.6	10
	Parent	5		9.4	9.2	8.8	9.2	9.4	9.2	9.2	9	9.6	9.8

Question Wise Avg Score for AY 2017-18



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Descriptive Feedback Analysis:

Parents: Based on analysis of feedback given by parents it is observed that:

- Parents have expressed satisfaction over availability of learning resources in terms of reference and text books
- More emphasis on inputs for improving business acumen and ethical practices has been demanded

Students: Based on analysis of feedback given by students it is observed that:

- There is concern over initiatives to bridge gap between industry and academia, employability, business acumen and ethical practices
- Satisfaction has been expressed over updations in curriculum and scope of hands on components in it

Teachers: Based on analysis of feedback given by faculties it is observed that:

- A concern over assessment methods and employability potential was expressed
- Curriculum addresses socially relevant issues and ethical practices

Industry: Based on analysis of feedback given by employers it is observed that:

- Employability potential, business acumen, ethical practices and social inclination have been sought more emphasis
- Availability of learning resources and adequacy of assessment tools were found at satisfactory level

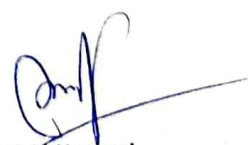
Alumni: Based on analysis of feedback given by Alumni it is observed that:

- Expressed satisfaction over hands on and experiential learning
- Academic initiatives to align with industry have also been applauded
- Assessment methods and learning resources were found at satisfactory level

Over-all Analysis: Based on feedback by all stakeholders, more efforts need to be offered on initiatives to match pace with industry. Hence, participation of industry persons on various avenues like students assessment, entrepreneurial training will help to perceive industry requirements in a better way.


Prof. A U Rajurkar,
Member Secretary




Prof. (Dr.) G-N Kotwal
Chairman-BoS

Head,
Industrial &
Production Engg. Dept



III) Action Taken Report




**Head,
Industrial &
Production Engg. Dept**



Action taken report for **AY 2018-19** Based on Stakeholders Feedback Analysis

The average scores for the following questions are found to be low (i.e. less than 8.5 on the scale of 10)

- Potential for Employability
- Blended learning and futuristic pedagogy
- Hands-on component in the Curriculum is satisfactory

In order to make students Industry ready, their exposure to Industrial practices and environment is necessary. In addition to this, students should acquire practical hands on skills. Semester long internships provide ample avenues for such skill enhancements. Hence, course like Industry Internship, Research Internship have been emphasized in curriculum.

Concept of flipped classroom, MOOCs based learning shape new dimensions to curriculum to satisfy blended learning. To strengthen hands on skills Engineering Design and Development course has been proposed in every semester.

Prof. A U Rajurkar,
Member Secretary



Prof. (Dr.) G N Kotwal
Chairman-BoS

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IV) Communication to BoS




**Head,
Industrial &
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VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE - 37.
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VI / IPED / BOS / Internal

Date – 27/07/2018

Minutes of Internal meeting of Board of Studies in Industrial and Production Engineering Department, Vishwakarma Institute of Technology, Pune-37 held on 27th July 2018, Friday.

Meeting No – BOS / IPED /Internal

Date – 27/07/2018

Venue – HoD Office, Industrial and Production Engineering Department

The following members were present:-

- 1) Dr. G N Kotwal, Head of Department – Chairman, B.O.S.
- 2) Dr. R A Waikar, Dean-Academics
- 3) Dr. G G Dongre, Dean-Research & Development
- 4) Prof. R J Dhake, Dean-Student Activities
- 5) Prof. A U Rajurkar, Member

In addition, following members from Department were present to share their views.

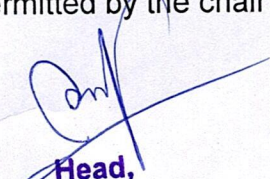
1. Dr. S M Sane
2. Prof. S S Kuber
3. Prof. Mrs. M C Deshpande
4. Prof. P R Vaidya
5. Dr. R J Chaudhari
6. Dr. V N Karandikar
7. Prof. P K Kale
8. Prof. R S Bharsakade
9. Prof. A N Umrani

Following students also attended meeting as special invitee:

1. Aditya Afle
2. Naina Joseph

Dr. G N Kotwal, Chairman, BOS, extended welcome to all the members and explained the necessity for call of the Internal Meet.

The Board of Studies considered the items on the agenda and the items permitted by the chair and following resolutions were passed.


**Head,
Industrial &
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Proposed by – Prof. S S Kuber

Seconded by –Prof. A U Rajurkar

Please refer Annexure-II: Structure for B18, C18 and D18 patterns for B Tech Production Engineering & B Tech Industrial Engineering alongwith Teaching and Evaluation scheme.

Item 4. Presentation of stakeholder's feedback for AY 2017-18 and approval for action taken report for AY 2018-19

The stakeholder's feedback and its analysis were presented for AY 2017-18 and Action taken report is approved for A. Y. 2018-19.

Item 5. Any other points with the permission of Chairman BoS

Dr. Kotwal sir introduced student invitee to BoS members. Students presented a brief overview of curricular and extra-curricular activities done by them. BoS members admired the diverse activities and achievements by students and the sound representation of the department at various platforms outside the campus.

Students expressed their concern over assessment and evaluation tools for exams.

The meeting concluded with vote of thanks.

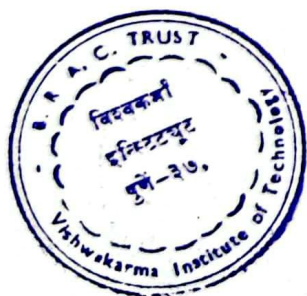
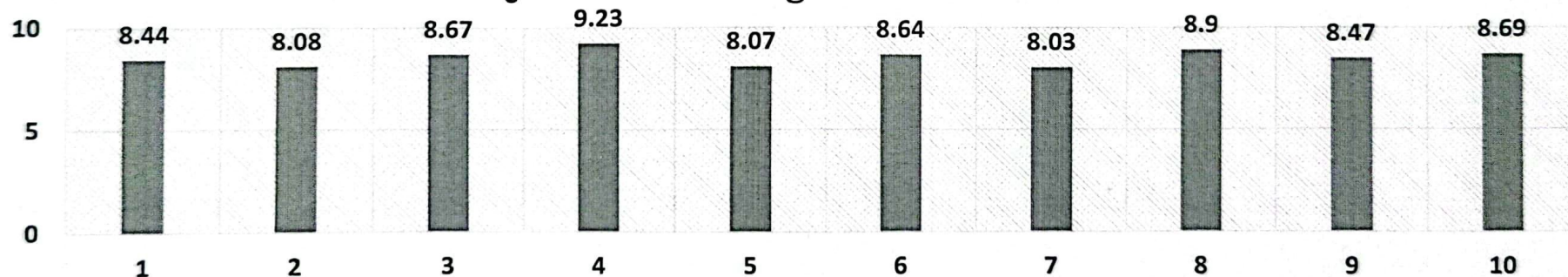



**Head,
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Review of Stakeholder's Feedback Analysis for A. Y. 2017-18 - Industrial Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
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Question Wise Avg Score for AY 2017-18

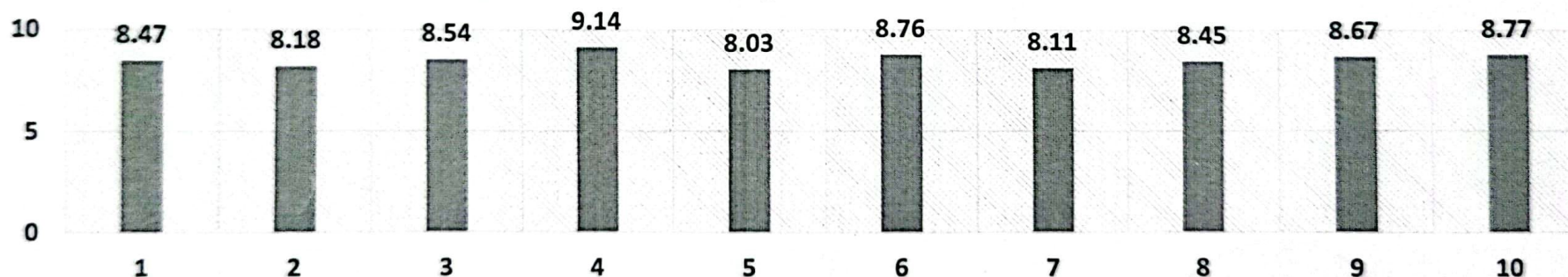



 Head,
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Review of Stakeholder's Feedback Analysis A. Y. 2017-18- Production Engg.

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
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	Alumni	5		9.4	9.2	9.2	8.6	8.8	9.6	9.6	9.2	9.6	10
	Parent	5		9.4	9.2	8.8	9.2	9.4	9.2	9.2	9	9.6	9.8

Question Wise Avg Score for AY 2017-18




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Proposed Actions for AY 2018-19

The average scores for the following questions are found to be low (i.e. less than 8.5 on the scale of 10)

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- Blended learning and futuristic pedagogy
- Hands-on component in the Curriculum is satisfactory

In order to make students Industry ready, their exposure to Industrial practices and environment is necessary. In addition to this, students should acquire practical hands on skills. Semester long internships provide ample avenues for such skill enhancements. Hence, course like Industry Internship, Research Internship have been emphasized in curriculum.

Concept of flipped classroom, MOOCs based learning shape new dimensions to curriculum to satisfy blended learning. To strengthen hands on skills Engineering Design and Development course has been proposed in every semester.




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