

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute. Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/ODD/2023-24/N- 114

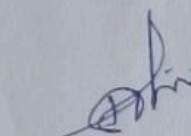
Date: 09/10/2023

NOTICE

All the students of 3rd, 5th and 7th semester are hereby required to fill the **Student Feedback-I** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on **10th October 2023** and it will be close in on **17th October 2023**. Register your genuine feedback. Your feedback will be helpful to improve the system.


Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-I for Academic Session 2023-24 (ODD) for B.Tech. III, V and VII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-I using the ION-CUDOS Platform. Students Feedback-I Report, Consolidated chart & Subject -Wise feedback for B.Tech. III, V and VII Semester are attached herewith for your kind information.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



**Report
on
Student Feedback-I**

Session: 2023-24 (ODD Semester)

Student Feedback-I was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the III, V and VII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of III Semester course was found to be 67.56 %.
- The average Feedback of V Semester course was found to be 73.69 %.
- The average Feedback of VII Semester course was found to be 74.01 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.
- A letter of appreciation is issued to below mentioned faculty members for Excellent/Very Good feedback.
 - i. Prof. Faisal Hussain - Kinematics of Machines (III- Semester)
 - ii. Prof. Pankaj Jaiswal - Optimization Techniques (V- Semester)
 - iii. Prof. Prasad Mangalkar - Automobile Engineering (VII- Semester)

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



Student Feedback-I Consolidated Chart
2023-2024 ODD Semester

Third Semester			
Sr. No.	Course Name	Course In-charge	Students Feedback-I (%)
1	Engineering Mathematics - III	Dr. Manjushree Muley	56.36%
2	Engineering Thermodynamics	Mr. Himanshu Wagh	72.42%
3	Material Science and Metallurgy Lab	Mr. Yogesh Joshi	70.84%
4	Material Science and Metallurgy	Mr. Ajay Joshi	69.51%
5	Manufacturing Processes Lab	Mr. Archis Dhawale	67.27%
6	Manufacturing Processes	Mr. Archis Dhawale	60.63%
7	Machine Drawing and Solid Modeling Lab	Mr. Nikhil Shrikhande	65.44%
8	Algorithms & Data Structures Lab	Mr. Ajay Joshi	69.44%
9	Kinematics of Machines	Mr. Faisal Hussain	76.14%
Fifth Semester/Section-A			
1	Soft Skills-II	Prof. Sheenam Khan	68.15%
2	Design of Machine Elements	Mr. Faisal Hussain	79.30%
3	Heat Transfer Lab	Mr. Nikhil Shrikhande	72.04%
4	Heat Transfer	Mr. Himanshu Wagh	72.69%
5	Manufacturing Technology Lab	Mr. Nilesh Gowardipe	71.53%
6	Manufacturing Technology	Mr. Nilesh Gowardipe	68.64%
Program Elective:- I (Fifth Semester)			
1	Industrial Economics and Entrepreneurship Development	Mr. Sarvesh Biyani	74.59%
Open Elective (Fifth Semester)			
1	Optimization Techniques	Mr. Pankaj Jaiswal	82.58%
Seventh Semester/Section-A			
1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%
2	Applied Thermodynamics - II LAB	Dr. Pankaj Wankhede	73.81%
Seventh Semester/Section-B			
1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%
2	Applied Thermodynamics - II LAB	Mr. Shrikant Kathwate	69.68%
Program Elective:- III (Seventh Semester)			
1	Industrial Engineering	Mr. Sarvesh Biyani	73.90%
2	Introduction to Automotive powertrain	Dr. Tushar Sathe	79.15%
Program Elective:- IV (Seventh Semester)			
1	Refrigeration & Air Conditioning	Mr. Shrikant Kathwate	63.07%
2	Non- Conventional Energy Sources	Mr. Yogesh Joshi	74.04%
Open Elective (Seventh Semester)			
1	Automobile Engineering (Section - A)	Dr. Pankaj Wankhede	80.84%
2	Automobile Engineering (Section - B)	Mr. Prasad Mangalkar	82.61%

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/133

Date: 26/10/23

Letter of Appreciation

Dear Mr. Faisal Hussain,

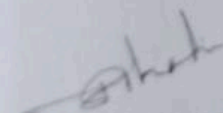
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Kinematics of Machine of the Third Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received
26/10/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

Letter of Appreciation

Dear Mr. Pankaj Jaiswal,

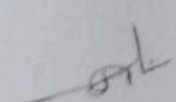
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Optimization Techniques of the Fifth Semester.

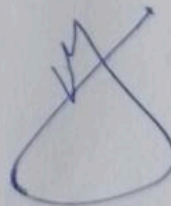
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR



**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

Letter of Appreciation

Dear Mr. Prasad Mangalkar,

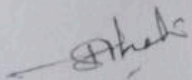
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Automobile Engineering of the Seventh Semester.

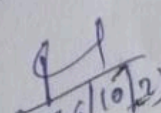
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received

26/10/23

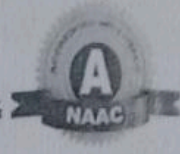
**S.B.J. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/ODD/2023-24/N-179

Date: 20-11-2023

NOTICE

All the students of 3rd, 5th and 7th semester are hereby required to fill the **Student Feedback-II** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on 20th November 2023 and it will be close in on 25th November 2023. Register your genuine feedback. Your feedback will be helpful to improve the system.

Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/209

Date: 4/12/2023

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-II for Academic Session 2023-24 (ODD) for B.Tech. III, V and VII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-II using the ION-CUDOS Platform. Students Feedback-II Report, Consolidated chart & Subject –Wise feedback for B.Tech. III, V and VII Semester are attached herewith for your kind information.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering

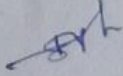


Report
on
Student Feedback-II
Session: 2023-24 (ODD Semester)

Student Feedback-II was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the III, V and VII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of III Semester course was found to be 66.36 %.
- The average Feedback of V Semester course was found to be 73.99 %.
- The average Feedback of VII Semester course was found to be 74.77 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.
- Letter of appreciation is issued to below mentioned faculty members for Excellent/Very Good feedback.
 - i. Prof. Faisal Hussain – Kinematics of Machines (III- Semester)
 - ii. Prof. Pankaj Jaiswal - Optimization Techniques (V- Semester)
 - iii. Prof. Prasad Mangalkar - Automobile Engineering (VII- Semester)


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering

Student Feedback-II Consolidated Chart

2023-2024 ODD Semester

Third Semester

Sr. No.	Course Name	Course In-charge	Students Feedback-I (%)	Students Feedback-II (%)
1	Engineering Mathematics - III	Dr. Manjushree Muley	56.36%	65.99%
2	Engineering Thermodynamics	Mr. Himanshu Wagh	72.42%	66.20%
3	Material Science and Metallurgy Lab	Mr. Yogesh Joshi	70.84%	67.49%
4	Material Science and Metallurgy	Mr. Ajay Joshi	69.51%	67.88%
5	Manufacturing Processes Lab	Mr. Archis Dhawale	67.27%	65.66%
6	Manufacturing Processes	Mr. Archis Dhawale	60.63%	60.28%
7	Machine Drawing and Solid Modeling Lab	Mr. Nikhil Shrikhande	65.44%	64.71%
8	Algorithms & Data Structures Lab	Mr. Ajay Joshi	69.44%	66.30%
9	Kinematics of Machines	Mr. Faisal Hussain	76.14%	72.79%

Fifth Semester/Section-A

1	Soft Skills-II	Prof. Sheenam Khan	68.15%	74.11%
2	Design of Machine Elements	Mr. Faisal Hussain	79.30%	78.03%
3	Heat Transfer Lab	Mr. Nikhil Shrikhande	72.04%	76.36%
4	Heat Transfer	Mr. Himanshu Wagh	72.69%	73.45%
5	Manufacturing Technology Lab	Mr. Nilesh Gowardipe	71.53%	73.91%
6	Manufacturing Technology	Mr. Nilesh Gowardipe	68.64%	68.09%

Program Elective:- I (Fifth Semester)

1	Industrial Economics and Entrepreneurship Development	Mr. Sarvesh Biyani	74.59%	76.36%
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Open Elective (Fifth Semester)

1	Optimization Techniques	Mr. Pankaj Jaiswal	82.58%	82.75%
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Seventh Semester/Section-A

1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%	71.15%
2	Applied Thermodynamics - II LAB	Dr. Pankaj Wankhede	73.81%	75.99%

Seventh Semester/Section-B

1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%	71.15%
2	Applied Thermodynamics - II LAB	Mr. Shrikant Kathwate	69.68%	68.16%

Program Elective:- III (Seventh Semester)

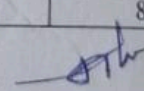
1	Industrial Engineering	Mr. Sarvesh Biyani	73.90%	70.50%
2	Introduction to Automotive powertrain	Dr. Tushar Sathe	79.15%	78.52%

Program Elective:- IV (Seventh Semester)

1	Refrigeration & Air Conditioning	Mr. Shrikant Kathwate	63.07%	70.82%
2	Non- Conventional Energy Sources	Mr. Yogesh Joshi	74.04%	72.30%

Open Elective (Seventh Semester)

1	Automobile Engineering (Section - A)	Dr. Pankaj Wankhede	80.84%	83.44%
2	Automobile Engineering (Section - B)	Mr. Prasad Mangalkar	82.61%	85.66%


Dr. Harish Bhatkulkar
Head of Department, ME

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Faisal Hussain,

It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Kinematics of Machine of the Third Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,

HoD, ME, SBJITMR

Received
[Signature]
03/12/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Pankaj Jaiswal,

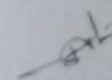
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Optimization Techniques of the Fifth Semester.

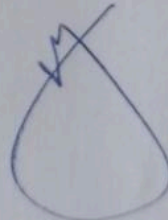
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR



**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Prasad Mangalkar,

It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Automobile Engineering of the Seventh Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,

HoD, ME, SBJITMR

Received
JP
03/12/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY & MANAGEMENT
& RESEARCH, NAGPUR**



(An Autonomous Institute, Affiliated to **Savitribai Phule** Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/EVEN/2023-24/N- 347

Date: 05/03/2024

NOTICE

All the students of 4th, 6th and 8th semester are hereby required to fill the **Student Feedback-I** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on **6th March 2024** and it will be close in on **11th March 2024**. Register your genuine feedback. Your feedback will be helpful to improve the system.

Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute. Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/EVEN/382

Date: 19/3/2024

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-I for Academic Session 2023-24 (EVEN) for B.Tech. IV, VI and VIII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-I using the ION-CUDOS Platform. Students Feedback-I Report, Consolidated chart & Subject –Wise feedback for B.Tech. IV, VI and VIII Semester are attached herewith for your kind information.


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering
H.O.D.
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Mang. & Resarch
Nagpur - 441 501



**Report
on
Student Feedback-I**

Session: 2023-24 (EVEN Semester)

Student Feedback-I was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the IV, VI and VIII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of IV Semester course was found to be 71.73 %.
- The average Feedback of VI Semester course was found to be 72.71 %.
- The average Feedback of VIII Semester course was found to be 71.16 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.


19.3.24
Dr. Harish Bhatkulkar
HoD, Mechanical Engineering
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Manag. & Research
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/EVEN/ 383

Date: 19/3/2024

Letter of Appreciation

Dear Mr. Prasad Mangalkar,


It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Energy System And Technology of the Fourth Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received
19/3/24



**Students Feedback Survey- I
Consolidated Chart
2023-24 Even Semester**

Fourth Semester			
Sr. No.	Course Name	Course In-charge	SF-I (%)
1	Dynamics Of Machines	Mr. Faisal Hussain	75.00 %
2	Dynamics Of Machines Lab	Mr. Faisal Hussain	75.45 %
3	Engineering Mathematics-IV	Dr. Manjushree Mule	64.66 %
4	Fluid Mechanics and Machinery	Mr. Pankaj Jaiswal	67.39 %
5	Fluid Mechanics and Machinery Lab	Mr. Nikhil Shrikhande	69.38 %
6	Strength of Materials	Dr. Pankaj Wankhede	67.45 %
7	Strength of Materials Lab	Mr. Archis Dhawle	69.50 %
8	Soft Skills-I	Mr. Imran Khan	67.98 %
9	Python Programming Lab	Dr. Pankaj Wankhede	70.09 %
Open Elective (Fourth Semester)			
1	Energy System and Technologies	Mr. Prasad Mangalkar	90.48 %
Sixth Semester			
Sr. No.	Course Name	Course In-charge	SF-I
1	Soft Skill-III	Ms. Sheenam Khan	74.45 %
2	Economics and Finance for Engineers	Mr. Siddharth Dongare	71.92 %
3	Applied Thermodynamics-I	Mr. Himanshu Wagh	73.41 %
4	Computer Aided Design	Mr. Yogesh Joshi	75.45 %
5	Computer Aided Design lab	Mr. Yogesh Joshi	76.43 %
6	Instrumentation & Metrology Lab	Mr. Shrikant Kathwate	70.31 %
7	Instrumentation & Metrology	Mr. Ajay Joshi	70.58 %
Program Elective (Sixth Semester)			
1	Chassis system design	Dr. Tushar Sathe	78.90 %
2	Statistics and Quality Control	Mr. Sarvesh Biyani	66.36 %
Open Elective (Sixth Semester)			
1	Smart Manufacturing	Mr. Archis Dhawale	69.29 %
Eight Semester			
Sr. No.	Course Name	Course In-charge	SF-I
1	Design of Mechanical Drives (Section- A)	Mr. Vinod Suple	68.46 %
2	Design of Mechanical Drives (Section- B)	Mr. Nilesh Gowardipe	68.46 %
Program Elective (Eight Semester)			
1	Automation in Production	Dr. Pankaj Wankhede	69.01 %
2	Cryogenics	Mr. Shrikant Kathwate	75.45 %
3	Production Planning and Control	Mr. Ajay Joshi	74.66 %
4	Solar Energy Utilization	Mr. Nikhil Shrikhande	70.97 %

Dr. Harish Bhatkulkar
Head of Department, ME
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Mang. & Research
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/EVEN/2023-24/N- 448

Date: 12/4/2024

NOTICE

All the students of 4th, 6th and 8th semester are hereby required to fill the **Student Feedback-II** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on 13th April 2024 and it will be close in on 19th April 2024. Register your genuine feedback. Your feedback will be helpful to improve the system.


12.4.24
Dr. Harish Bhatkulkar
HoD Mechanical

Dept. of Mechanical Engg.
S.B.J.I.T.M.R., Nagpur
S B Jain Inst. of Tech. Manag. & Researc
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/EVEN/468


Date: 25/4/2024

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-II for Academic Session 2023-24 (EVEN) for B.Tech. IV, VI and VIII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-II using the ION-CUDOS Platform. Students Feedback-II Report, Consolidated chart & Subject -Wise feedback for B.Tech. IV, VI and VIII Semester are attached herewith for your kind information.


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



**Report
on
Student Feedback-II**

Session: 2023-24 (EVEN Semester)

Student Feedback-II was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the IV, VI and VIII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of IV Semester course was found to be 71.66 %.
- The average Feedback of VI Semester course was found to be 72.55 %.
- The average Feedback of VIII Semester course was found to be 73.10 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



Students Feedback Survey- II
Consolidated Chart
2023-24 Even Semester

Fourth Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Dynamics Of Machines	Mr. Faisal Hussain	75.00 %	71.52 %
2	Dynamics Of Machines Lab	Mr. Faisal Hussain	75.45 %	68.82 %
3	Engineering Mathematics-IV	Dr. Manjushree Mule	64.66 %	67.82 %
4	Fluid Mechanics and Machinery	Mr. Pankaj Jaiswal	67.39 %	67.39 %
5	Fluid Mechanics and Machinery Lab	Mr. Nikhil Shrikhande	69.38 %	71.93 %
6	Strength of Materials	Dr. Pankaj Wankhede	67.45 %	74.09 %
7	Strength of Materials Lab	Mr. Archis Dhawle	69.50 %	71.79 %
8	Soft Skills-I	Mr. Imran Khan	67.98 %	69.66 %
9	Python Programming Lab	Dr. Pankaj Wankhede	70.09 %	69.89 %
Open Elective (Fourth Semester)				
1	Energy System and Technologies	Mr. Prasad Mangalkar	90.48 %	83.71 %
Sixth Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Soft Skill-III	Ms. Sheenam Khan	74.45 %	72.76 %
2	Economics and Finance for Engineers	Mr. Siddharth Dongare	71.92 %	71.00 %
3	Applied Thermodynamics-I	Mr. Himanshu Wagh	73.41 %	74.55 %
4	Computer Aided Design	Mr. Yogesh Joshi	75.45 %	72.88 %
5	Computer Aided Design lab	Mr. Yogesh Joshi	76.43 %	70.68 %
6	Instrumentation & Metrology Lab	Mr. Shrikant Kathwate	70.31 %	70.68 %
7	Instrumentation & Metrology	Mr. Ajay Joshi	70.58 %	71.72 %
Program Elective (Sixth Semester)				
1	Chassis system design	Dr. Tushar Sathe	78.90 %	77.25 %
2	Statistics and Quality Control	Mr. Sarvesh Biyani	66.36 %	68.26 %
Open Elective (Sixth Semester)				
1	Smart Manufacturing	Mr. Archis Dhawale	69.29 %	75.67 %
Eight Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Design of Mechanical Drives (Section- A)	Mr. Vinod Suple	68.46 %	69.05 %
2	Design of Mechanical Drives (Section- B)	Mr. Nilesh Gowardipe	68.46 %	71.45 %
Program Elective (Eight Semester)				
1	Automation in Production	Dr. Pankaj Wankhede	69.01 %	72.08 %
2	Cryogenics	Mr. Shrikant Kathwate	75.45 %	74.81 %
3	Production Planning and Control	Mr. Ajay Joshi	74.66 %	77.69 %
4	Solar Energy Utilization	Mr. Nikhil Shrikhande	70.97 %	73.51 %

Dr. Harish Bhatkulkar
Head of Department, ME.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute. Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/ODD/2023-24/N- 114

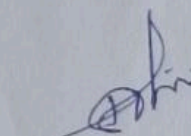
Date: 09/10/2023

NOTICE

All the students of 3rd, 5th and 7th semester are hereby required to fill the **Student Feedback-I** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on **10th October 2023** and it will be close in on **17th October 2023**. Register your genuine feedback. Your feedback will be helpful to improve the system.


Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-I for Academic Session 2023-24 (ODD) for B.Tech. III, V and VII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-I using the ION-CUDOS Platform. Students Feedback-I Report, Consolidated chart & Subject -Wise feedback for B.Tech. III, V and VII Semester are attached herewith for your kind information.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



**Report
on
Student Feedback-I**

Session: 2023-24 (ODD Semester)

Student Feedback-I was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the III, V and VII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of III Semester course was found to be 67.56 %.
- The average Feedback of V Semester course was found to be 73.69 %.
- The average Feedback of VII Semester course was found to be 74.01 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.
- A letter of appreciation is issued to below mentioned faculty members for Excellent/Very Good feedback.
 - i. Prof. Faisal Hussain - Kinematics of Machines (III- Semester)
 - ii. Prof. Pankaj Jaiswal - Optimization Techniques (V- Semester)
 - iii. Prof. Prasad Mangalkar - Automobile Engineering (VII- Semester)

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



Student Feedback-I Consolidated Chart
2023-2024 ODD Semester

Third Semester			
Sr. No.	Course Name	Course In-charge	Students Feedback-I (%)
1	Engineering Mathematics - III	Dr. Manjushree Muley	56.36%
2	Engineering Thermodynamics	Mr. Himanshu Wagh	72.42%
3	Material Science and Metallurgy Lab	Mr. Yogesh Joshi	70.84%
4	Material Science and Metallurgy	Mr. Ajay Joshi	69.51%
5	Manufacturing Processes Lab	Mr. Archis Dhawale	67.27%
6	Manufacturing Processes	Mr. Archis Dhawale	60.63%
7	Machine Drawing and Solid Modeling Lab	Mr. Nikhil Shrikhande	65.44%
8	Algorithms & Data Structures Lab	Mr. Ajay Joshi	69.44%
9	Kinematics of Machines	Mr. Faisal Hussain	76.14%
Fifth Semester/Section-A			
1	Soft Skills-II	Prof. Sheenam Khan	68.15%
2	Design of Machine Elements	Mr. Faisal Hussain	79.30%
3	Heat Transfer Lab	Mr. Nikhil Shrikhande	72.04%
4	Heat Transfer	Mr. Himanshu Wagh	72.69%
5	Manufacturing Technology Lab	Mr. Nilesh Gowardipe	71.53%
6	Manufacturing Technology	Mr. Nilesh Gowardipe	68.64%
Program Elective:- I (Fifth Semester)			
1	Industrial Economics and Entrepreneurship Development	Mr. Sarvesh Biyani	74.59%
Open Elective (Fifth Semester)			
1	Optimization Techniques	Mr. Pankaj Jaiswal	82.58%
Seventh Semester/Section-A			
1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%
2	Applied Thermodynamics - II LAB	Dr. Pankaj Wankhede	73.81%
Seventh Semester/Section-B			
1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%
2	Applied Thermodynamics - II LAB	Mr. Shrikant Kathwate	69.68%
Program Elective:- III (Seventh Semester)			
1	Industrial Engineering	Mr. Sarvesh Biyani	73.90%
2	Introduction to Automotive powertrain	Dr. Tushar Sathe	79.15%
Program Elective:- IV (Seventh Semester)			
1	Refrigeration & Air Conditioning	Mr. Shrikant Kathwate	63.07%
2	Non- Conventional Energy Sources	Mr. Yogesh Joshi	74.04%
Open Elective (Seventh Semester)			
1	Automobile Engineering (Section - A)	Dr. Pankaj Wankhede	80.84%
2	Automobile Engineering (Section - B)	Mr. Prasad Mangalkar	82.61%

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/133

Date: 26/10/23

Letter of Appreciation

Dear Mr. Faisal Hussain,

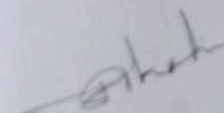
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Kinematics of Machine of the Third Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received
26/10/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

Letter of Appreciation

Dear Mr. Pankaj Jaiswal,

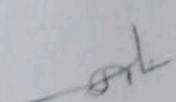
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Optimization Techniques of the Fifth Semester.

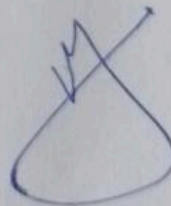
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR



**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/139

Date: 26/10/2023

Letter of Appreciation

Dear Mr. Prasad Mangalkar,

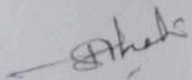
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Automobile Engineering of the Seventh Semester.

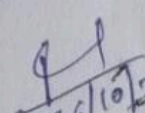
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

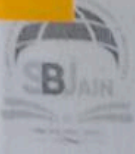
Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received

26/10/23

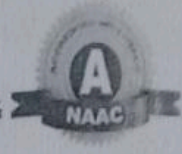
**S.B.J. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/ODD/2023-24/N-179

Date: 20-11-2023

NOTICE

All the students of 3rd, 5th and 7th semester are hereby required to fill the **Student Feedback-II** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on 20th November 2023 and it will be close in on 25th November 2023. Register your genuine feedback. Your feedback will be helpful to improve the system.

Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/209

Date: 4/12/2023

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-II for Academic Session 2023-24 (ODD) for B.Tech. III, V and VII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-II using the ION-CUDOS Platform. Students Feedback-II Report, Consolidated chart & Subject -Wise feedback for B.Tech. III, V and VII Semester are attached herewith for your kind information.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering

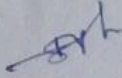


Report
on
Student Feedback-II
Session: 2023-24 (ODD Semester)

Student Feedback-II was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the III, V and VII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of III Semester course was found to be 66.36 %.
- The average Feedback of V Semester course was found to be 73.99 %.
- The average Feedback of VII Semester course was found to be 74.77 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.
- Letter of appreciation is issued to below mentioned faculty members for Excellent/Very Good feedback.
 - i. Prof. Faisal Hussain – Kinematics of Machines (III- Semester)
 - ii. Prof. Pankaj Jaiswal - Optimization Techniques (V- Semester)
 - iii. Prof. Prasad Mangalkar - Automobile Engineering (VII- Semester)


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering

Student Feedback-II Consolidated Chart

2023-2024 ODD Semester

Third Semester

Sr. No.	Course Name	Course In-charge	Students Feedback-I (%)	Students Feedback-II (%)
1	Engineering Mathematics - III	Dr. Manjushree Muley	56.36%	65.99%
2	Engineering Thermodynamics	Mr. Himanshu Wagh	72.42%	66.20%
3	Material Science and Metallurgy Lab	Mr. Yogesh Joshi	70.84%	67.49%
4	Material Science and Metallurgy	Mr. Ajay Joshi	69.51%	67.88%
5	Manufacturing Processes Lab	Mr. Archis Dhawale	67.27%	65.66%
6	Manufacturing Processes	Mr. Archis Dhawale	60.63%	60.28%
7	Machine Drawing and Solid Modeling Lab	Mr. Nikhil Shrikhande	65.44%	64.71%
8	Algorithms & Data Structures Lab	Mr. Ajay Joshi	69.44%	66.30%
9	Kinematics of Machines	Mr. Faisal Hussain	76.14%	72.79%

Fifth Semester/Section-A

1	Soft Skills-II	Prof. Sheenam Khan	68.15%	74.11%
2	Design of Machine Elements	Mr. Faisal Hussain	79.30%	78.03%
3	Heat Transfer Lab	Mr. Nikhil Shrikhande	72.04%	76.36%
4	Heat Transfer	Mr. Himanshu Wagh	72.69%	73.45%
5	Manufacturing Technology Lab	Mr. Nilesh Gowardipe	71.53%	73.91%
6	Manufacturing Technology	Mr. Nilesh Gowardipe	68.64%	68.09%

Program Elective:- I (Fifth Semester)

1	Industrial Economics and Entrepreneurship Development	Mr. Sarvesh Biyani	74.59%	76.36%
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Open Elective (Fifth Semester)

1	Optimization Techniques	Mr. Pankaj Jaiswal	82.58%	82.75%
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Seventh Semester/Section-A

1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%	71.15%
2	Applied Thermodynamics - II LAB	Dr. Pankaj Wankhede	73.81%	75.99%

Seventh Semester/Section-B

1	Applied Thermodynamics - II	Dr. Tushar Sathe	71.52%	71.15%
2	Applied Thermodynamics - II LAB	Mr. Shrikant Kathwate	69.68%	68.16%

Program Elective:- III (Seventh Semester)

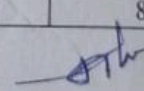
1	Industrial Engineering	Mr. Sarvesh Biyani	73.90%	70.50%
2	Introduction to Automotive powertrain	Dr. Tushar Sathe	79.15%	78.52%

Program Elective:- IV (Seventh Semester)

1	Refrigeration & Air Conditioning	Mr. Shrikant Kathwate	63.07%	70.82%
2	Non- Conventional Energy Sources	Mr. Yogesh Joshi	74.04%	72.30%

Open Elective (Seventh Semester)

1	Automobile Engineering (Section - A)	Dr. Pankaj Wankhede	80.84%	83.44%
2	Automobile Engineering (Section - B)	Mr. Prasad Mangalkar	82.61%	85.66%


Dr. Harish Bhatkulkar
Head of Department, ME

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Faisal Hussain,

It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Kinematics of Machine of the Third Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,

HoD, ME, SBJITMR

Received
[Signature]
03/12/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Pankaj Jaiswal,

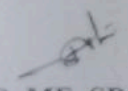
It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Optimization Techniques of the Fifth Semester.

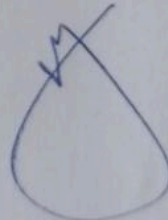
I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR



**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/ODD/208

Date: 03/12/2023

Letter of Appreciation

Dear Mr. Prasad Mangalkar,

It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Automobile Engineering of the Seventh Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,

HoD, ME, SBJITMR

Received
JP
03/12/23

**S. B. JAIN INSTITUTE OF TECHNOLOGY & MANAGEMENT
& RESEARCH, NAGPUR**



(An Autonomous Institute, Affiliated to **W.P.U.** Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/EVEN/2023-24/N- 347

Date: 05/03/2024

NOTICE

All the students of 4th, 6th and 8th semester are hereby required to fill the **Student Feedback-I** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on **6th March 2024** and it will be close in on **11th March 2024**. Register your genuine feedback. Your feedback will be helpful to improve the system.

Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute. Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/EVEN/382

Date: 19/3/2024

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-I for Academic Session 2023-24 (EVEN) for B.Tech. IV, VI and VIII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-I using the ION-CUDOS Platform. Students Feedback-I Report, Consolidated chart & Subject –Wise feedback for B.Tech. IV, VI and VIII Semester are attached herewith for your kind information.


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering
HOD
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Mang. & Resarch
Nagpur - 441 501



**Report
on
Student Feedback-I**

Session: 2023-24 (EVEN Semester)

Student Feedback-I was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the IV, VI and VIII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of IV Semester course was found to be 71.73 %.
- The average Feedback of VI Semester course was found to be 72.71 %.
- The average Feedback of VIII Semester course was found to be 71.16 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.


19.3.24
Dr. Harish Bhatkulkar
HoD, Mechanical Engineering
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Manag. & Research
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/EVEN/ 383

Date: 19/3/2024

Letter of Appreciation

Dear Mr. Prasad Mangalkar,


It is with deep regard and respect that I would like to express my gratitude towards your excellent teaching skills and courteous personality that has helped the students of the Mechanical department tremendously in the subject Energy System And Technology of the Fourth Semester.

I appreciate you being stern but at the same time being patient enough to address the queries generated by students. It is comforting to know that you have always thought from the students' perspective and have imparted them subject knowledge to the best of your capabilities.

I sincerely hope that you continue doing your good work in the future as well.

Thank you for being a remarkable teacher.

Sincerely,


HoD, ME, SBJITMR

Received
19/3/24



**Students Feedback Survey- I
Consolidated Chart
2023-24 Even Semester**

Fourth Semester			
Sr. No.	Course Name	Course In-charge	SF-I (%)
1	Dynamics Of Machines	Mr. Faisal Hussain	75.00 %
2	Dynamics Of Machines Lab	Mr. Faisal Hussain	75.45 %
3	Engineering Mathematics-IV	Dr. Manjushree Mule	64.66 %
4	Fluid Mechanics and Machinery	Mr. Pankaj Jaiswal	67.39 %
5	Fluid Mechanics and Machinery Lab	Mr. Nikhil Shrikhande	69.38 %
6	Strength of Materials	Dr. Pankaj Wankhede	67.45 %
7	Strength of Materials Lab	Mr. Archis Dhawle	69.50 %
8	Soft Skills-I	Mr. Imran Khan	67.98 %
9	Python Programming Lab	Dr. Pankaj Wankhede	70.09 %
Open Elective (Fourth Semester)			
1	Energy System and Technologies	Mr. Prasad Mangalkar	90.48 %
Sixth Semester			
Sr. No.	Course Name	Course In-charge	SF-I
1	Soft Skill-III	Ms. Sheenam Khan	74.45 %
2	Economics and Finance for Engineers	Mr. Siddharth Dongare	71.92 %
3	Applied Thermodynamics-I	Mr. Himanshu Wagh	73.41 %
4	Computer Aided Design	Mr. Yogesh Joshi	75.45 %
5	Computer Aided Design lab	Mr. Yogesh Joshi	76.43 %
6	Instrumentation & Metrology Lab	Mr. Shrikant Kathwate	70.31 %
7	Instrumentation & Metrology	Mr. Ajay Joshi	70.58 %
Program Elective (Sixth Semester)			
1	Chassis system design	Dr. Tushar Sathe	78.90 %
2	Statistics and Quality Control	Mr. Sarvesh Biyani	66.36 %
Open Elective (Sixth Semester)			
1	Smart Manufacturing	Mr. Archis Dhawale	69.29 %
Eight Semester			
Sr. No.	Course Name	Course In-charge	SF-I
1	Design of Mechanical Drives (Section- A)	Mr. Vinod Suple	68.46 %
2	Design of Mechanical Drives (Section- B)	Mr. Nilesh Gowardipe	68.46 %
Program Elective (Eight Semester)			
1	Automation in Production	Dr. Pankaj Wankhede	69.01 %
2	Cryogenics	Mr. Shrikant Kathwate	75.45 %
3	Production Planning and Control	Mr. Ajay Joshi	74.66 %
4	Solar Energy Utilization	Mr. Nikhil Shrikhande	70.97 %

Dr. Harish Bhatkulkar
Head of Department, ME
Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Mang. & Research
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/EVEN/2023-24/N- 448

Date: 12/4/2024

NOTICE

All the students of 4th, 6th and 8th semester are hereby required to fill the **Student Feedback-II** which includes

- Theory Feedback
- Practical Feedback

Link for the above form is http://103.211.62.98/sbjit_lms_student/. The link will be open on 13th April 2024 and it will be close in on 19th April 2024. Register your genuine feedback. Your feedback will be helpful to improve the system.


12.4.24
Dr. Harish Bhatkulkar
HoD Mechanical

Dept. of Mechanical Engg.
S.B.J.I.T.M.R., Nagpur
S B Jain Inst. of Tech. Manag. & Researc
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education



Ref: SBJITMR/ME/2023-24/EVEN/468


Date: 25/4/2024

To,
The Principal
SBJITMR, Nagpur.

Subject: Students Feedback-II for Academic Session 2023-24 (EVEN) for B.Tech. IV, VI and VIII Semester.

Respected sir,

Department of mechanical engineering has successfully conducted the Students Feedback-II using the ION-CUDOS Platform. Students Feedback-II Report, Consolidated chart & Subject -Wise feedback for B.Tech. IV, VI and VIII Semester are attached herewith for your kind information.


Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



**Report
on
Student Feedback-II**

Session: 2023-24 (EVEN Semester)

Student Feedback-II was conducted using the ION-CUDOS platform. Question-wise feedback was generated on the ION-CUDOS platform for each course of the IV, VI and VIII Semester. The summary was discussed with concerned faculty members by the Head of the Department.

The key observation and action are listed as follows:

- The average Feedback of IV Semester course was found to be 71.66 %.
- The average Feedback of VI Semester course was found to be 72.55 %.
- The average Feedback of VIII Semester course was found to be 73.10 %.
- The feedback is shown to the concerned course In-charge, the shortfall identified, and corrective actions suggested by the Head of the Department.
- Efforts of course In-charges were appreciated and motivated them to perform better.

Dr. Harish Bhatkulkar
HoD, Mechanical Engineering



Students Feedback Survey- II
Consolidated Chart
2023-24 Even Semester

Fourth Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Dynamics Of Machines	Mr. Faisal Hussain	75.00 %	71.52 %
2	Dynamics Of Machines Lab	Mr. Faisal Hussain	75.45 %	68.82 %
3	Engineering Mathematics-IV	Dr. Manjushree Mule	64.66 %	67.82 %
4	Fluid Mechanics and Machinery	Mr. Pankaj Jaiswal	67.39 %	67.39 %
5	Fluid Mechanics and Machinery Lab	Mr. Nikhil Shrikhande	69.38 %	71.93 %
6	Strength of Materials	Dr. Pankaj Wankhede	67.45 %	74.09 %
7	Strength of Materials Lab	Mr. Archis Dhawle	69.50 %	71.79 %
8	Soft Skills-I	Mr. Imran Khan	67.98 %	69.66 %
9	Python Programming Lab	Dr. Pankaj Wankhede	70.09 %	69.89 %
Open Elective (Fourth Semester)				
1	Energy System and Technologies	Mr. Prasad Mangalkar	90.48 %	83.71 %
Sixth Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Soft Skill-III	Ms. Sheenam Khan	74.45 %	72.76 %
2	Economics and Finance for Engineers	Mr. Siddharth Dongare	71.92 %	71.00 %
3	Applied Thermodynamics-I	Mr. Himanshu Wagh	73.41 %	74.55 %
4	Computer Aided Design	Mr. Yogesh Joshi	75.45 %	72.88 %
5	Computer Aided Design lab	Mr. Yogesh Joshi	76.43 %	70.68 %
6	Instrumentation & Metrology Lab	Mr. Shrikant Kathwate	70.31 %	70.68 %
7	Instrumentation & Metrology	Mr. Ajay Joshi	70.58 %	71.72 %
Program Elective (Sixth Semester)				
1	Chassis system design	Dr. Tushar Sathe	78.90 %	77.25 %
2	Statistics and Quality Control	Mr. Sarvesh Biyani	66.36 %	68.26 %
Open Elective (Sixth Semester)				
1	Smart Manufacturing	Mr. Archis Dhawale	69.29 %	75.67 %
Eight Semester				
Sr. No.	Course Name	Course In-charge	SF-I (%)	SF-II (%)
1	Design of Mechanical Drives (Section- A)	Mr. Vinod Suple	68.46 %	69.05 %
2	Design of Mechanical Drives (Section- B)	Mr. Nilesh Gowardipe	68.46 %	71.45 %
Program Elective (Eight Semester)				
1	Automation in Production	Dr. Pankaj Wankhede	69.01 %	72.08 %
2	Cryogenics	Mr. Shrikant Kathwate	75.45 %	74.81 %
3	Production Planning and Control	Mr. Ajay Joshi	74.66 %	77.69 %
4	Solar Energy Utilization	Mr. Nikhil Shrikhande	70.97 %	73.51 %

Dr. Harish Bhatkulkar
Head of Department, ME.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education.



Ref: SBJITMR/ME/ODD/2023-24/N-200

Date: 29/11/2023

NOTICE

All the students of 3rd, 5th and 7th semester are hereby required to fill the **Course End Survey and Students Satisfactory Survey**.

The feedback is supposed to be given on the IONLMS platform through the link http://103.211.62.98/sbjit_lms_student/ which will be activated between 30/11/2023 to 07/12/2023. Register your genuine feedback. Your feedback will be helpful to improve system.

Dr. Harish Bhatkulkar
HoD Mechanical
S.B.J.I.T.M.R., Nagpur.

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
& RESEARCH, NAGPUR.**



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)
DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/ODD/221

Date: 15/12/2023

To

The Principal,
SBJITMR, Nagpur.


Subject: Course End Survey for Academic Session 2023-24 (ODD).

Respect Sir,

Course end survey was conducted **from 30/11/2023 to 07/12/2023 for III, V and VII semester students**. The analysis is shown to concerned faculties by the Head of Department. Action taken report on course end survey and subjectwise analysis is attached herewith for your kind information.

Enclosure:

1. Action taken report
2. Subjectwise analysis.


**Head of Department
Mechanical Engineering**

Copy to:

1. IQAC

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DEPARTMENT OF MECHANICAL ENGINEERING



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Action Taken Report

On

Course End Survey

Session: 2023-24 (ODD Semester)

Course End Survey was conducted from the 30/11/2023 to 07/12/2023 for III, V, and VII semester students. The responses from students have been scrutinized and summarized using IonCudos software. The summary is discussed with concern faculties by the HoD.

The key observations from survey and actions are listed as follows:

- It is found that feedback for theory, practical and Project Phase- I is above 65%.
- All the survey will be used for further academic improvement, faculty assessment and indirect course outcome attainment.


**Head of Department
Mechanical-Engineering**

S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.



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DEPARTMENT OF MECHANICAL ENGINEERING

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Session 2023-24 (ODD Semester)_III_SEM

Course End Survey Questions

Course: Engineering Mathematics-III[BSCME301T]		Faculty: Dr. Manjushri Muley
Sr. No	Questions	CO
1	Are you able to understand Laplace Transform and Inverse Laplace Transform and apply it for solving Linear differential equation?	67.33%
2	Rate your ability to find Fourier cosine and sine transform?	67.33%
3	Rate your understanding about extremum of the functional by using Euler's equation?	69.33%
4	Rate your ability to understand Analytic function and Harmonic function?	68.67%
5	Rate your ability to evaluate complex integral by using Cauchy's formula and Residue method?	62.00%
6	Rate your understanding about evaluation of the solution of Higher order linear Partial Differential Equation with constant coefficient?	68.00%

Course: Kinematics of Machines [PCCME307T]		Faculty: Mr. Faisal .S.Hussain
Sr. No	Questions	CO
1	Are you able to classify Class I and Class II mechanism and can calculate the degree of freedom of a mechanism?	66.21%
2	Are you able to construct polygons and determine velocity and acceleration of link for any planer mechanism?	67.59%
3	Are you able to design cam profile for any desired follower motion?	68.28%
4	Are you able to compare type, number and dimensional synthesis and classify kinematic synthesis?	62.07%
5	Are you able to classify different types of gears, their terminology and can evaluate gear tooth geometry?	62.76%
6	Can you distinguish different types of gear trains & clutches and select appropriate power transmission device as per requirement?	65.52%

Course: Engineering Thermodynamics [PCCME302T]		Faculty: Mr. Himanshu D. Wagh
Sr. No	Questions	CO
1	Are you able to Illustrate various processes associated with Heat and Work interaction?	60.69%
2	Are you able to apply 1st Law of thermodynamics to open and closed systems?	70.34%
3	Are you able to apply 2nd law of Thermodynamics to Heat Engines, Heat Pumps and Refrigerators?	66.90%
4	Are you able to determine various properties of steam?	75.17%
5	Are you able to evaluate the efficiencies of various Rankine cycles?	64.83%
6	Are you able to analyze the performance of various gas power cycles?	69.66%

Course: Manufacturing Processes [PCCME304T]		Faculty: Mr. Archis Dhawale
Sr. No	Questions	CO
1	Can you explain different casting processes and determine pattern allowances, Solidification time and riser dimensions for casting?	63.08%

2	Can you describe bulk deformation processes and calculate the force incurred in different bulk deformation processes?	65.38%
3	Can you discuss sheet metal forming/cutting processes and calculate the cutting and bending force	62.31%
4	Can you differentiate the different metal joining processes and can you select the processes as per given condition?	68.46%
5	Can you compare plastic joining and working processes and can you select the process as per given application?	63.08%
6	Can you explain different Additive manufacturing processes and can you decide the appropriate process for given material	66.15%

Course: Manufacturing Processes Lab [PCCME304P]		Faculty: Mr. Archis Dhawale
Sr. No	Questions	CO
1	Can you explain types of furnace, moulding techniques and gating system, welding processes, metal and plastic working processes?	58.52%
2	Can you explain the different press working operations and determine punch force based on given sheet metal specifications?	63.70%
3	Can you develop jobs in pattern making, moulding, casting and welding	66.67%
4	Can you examine through simulation, working of various equipment, tools used for rolling, extrusion and additive manufacturing techniques?	61.48%

Course : Material Science and Metallurgy [PCCME303T]		Faculty : Mr. Ajay Joshi
Sr. No	Questions	CO
1	Can you Explain the properties of engineering materials and material characterization techniques?	73.33%
2	Can you Compare destructive and non-destructive testing and select appropriate method for given material?	71.67%
3	Can you Illustrate types of metal solidification process & equilibrium diagram and identify various phases in Fe-Fe ₃ C diagram?	70.00%
4	Can you Compare different heat treatment methods and identify appropriate heat treatment process according to given application?	67.50%
5	Can you Classify various ferrous and nonferrous alloys and select an appropriate alloy for given applications?	64.17%
6	Can you Explain powder metallurgy and select the relevant material for an engineering application?	69.17%

Course : Material Science and Metallurgy Lab [PCCME303P]		Faculty : Mr. Yogesh Joshi
Sr. No	Questions	CO
1	Can you Identify different crystal structure and crystal imperfection?	64.44%
2	Can you Prepare specimen and perform microstructural examination using microscopes?	69.63%
3	Can you Determine hardness of material using test rigs?	68.15%
4	Can you Examine a sample specimen using non-destructive testing methods?	66.67%
5	Can you Determine the fraction of liquid and solid phases and identify the phase of the given system?	65.19%
6	Can you Prepare product using powder metallurgy processes?	68.15%

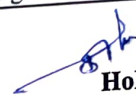
Subject: Machine Drawing and Solid Modeling Lab [PCCME305P]		Faculty: Mr. Nikhil Shrikhande
Sr. No	Questions	CO
1	Are you able to explain different conventions used in machine drawing?	72.86%

2	Are you able to apply fundamentals of projections and draw sectional orthographic views for mechanical components and intersection of solids?	71.43%
3	Are you able to predict and draw detailed drawing, assembly drawing and production drawing of given machine components?	68.57%
4	Are you able to develop 2D drawing and 3D models of mechanical components in CAD software?	67.86%

Faculty: Mr. Ajay Joshi

Subject: Algorithm and Data Structure Lab [PCCME306P]

Sr. No	Questions	CO
1	Are you able to Design efficient search and sort algorithms using appropriate techniques to solve programming challenges?	65.33%
2	Are you able to Solve programming challenges using stack and queue data structures?	58.00%
3	Are you able to Apply the concepts of linked list data structure to solve programming challenges?	64.67%
4	Are you able to Apply tree & graph-based data structures to solve real-world challenges?	64.00%


HoD, ME

S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.



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DEPARTMENT OF MECHANICAL ENGINEERING



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Session 2023-24 (ODD Semester)_V_SEM

Course End Survey Questions

Course: Design of Machine Elements[PCCME501T]		Faculty: Mr. Faisal Hussain
Sr. No.	Questions	CO
1	Are you able to apply the fundamentals of design process in machine elements, identify the different material properties and their significance in machine design?	75.00%
2	Are you able to select the material for different types of joints and calculate the stresses under static loading conditions?	73.46%
3	Are you able to design the fasteners and power screws subjected to variable loading conditions?	73.85%
4	Are you able to design the pressure vessel subjected to internal pressure as per the applications?	74.62%
5	Are you able to design the energy storing elements and levers for various applications?	71.92%
6	Are you able to design the power transmission shaft for various applications?	73.85%

Course:Heat Transfer [PCCME502T]		Faculty: Mr. Himanshu Wagh
Sr. No.	Questions	CO
1	Are you able to differentiate various modes of heat transfer?	67.17%
2	Are you able to apply the concept of internal heat generation in real life application?	67.17%
3	Are you able to apply the physical significance of dimensionless number in convective heat transfer?	68.68%
4	Are you able understand the concept of Boiling and Condensation?	71.70%
5	Are you evaluate heat transfer by Radiation using various laws of radiation?	63.40%
6	Are you able to evaluate the effectiveness of heat exchanger using various types of flow?	67.92%

Course: Heat Transfer Lab [PCCME502P]		Faculty: Mr. Nikhil Shrikhande
Sr. No.	Questions	CO
1	Are you able to determine and measure the conduction phenomenon in different material?	73.21%
2	Are you able to estimate surface heat transfer coefficient the natural and forced convection ?	71.70%
3	Are you able to estimate radiation heat transfer using stefan boltzman law?	70.57%
4	Are you able to performance analysis of heat exchanger to estimate its effectiveness?	66.42%

Course: Manufacturing Technology [PCCME503T]		Faculty: Mr. Nilesh Gowardipe
Sr. No.	Questions	CO
1	Are you able use different measuring equipment and analyze technical data through quality control techniques?	69.41%
2	Are you able to explain the principle and applications of cutting tools and calculate forces during orthogonal metal cutting, and tool life calculation?	66.27%
3	Are you able to select conventional machining processes to manufacture components as per application?	67.06%
4	Can you able to select machining processes for finishing components as per specification?	62.35%
5	Can you able to select non-conventional machining processes for material removal operations?	65.10%
6	Can you able to select production planning and control techniques for improving productivity?	66.67%

Course: Manufacturing Technology Lab [PCCME503P]		Faculty: Mr. Nilesh Gowardipe
Sr. No.	Questions	CO
1	Can you identify and examine various cutting tools?	70.20%
2	Can you identify and analyze cutting forces?	66.27%
3	Are you able to demonstrate lathe, CNC, shaper, milling, drilling, and boring machines?	67.06%
4	Are you able to prepare jobs on lathe, shaper, milling, drilling, and boring machines?	67.84%
5	Are you able to examine the non-conventional machining using virtual lab?	68.24%

Course : PE-I IEED [PECME501T]		Faculty: Mr. Sarvesh Biyani
Sr. No.	Questions	CO
1	Are you able to understand and explain the basic concepts of economics and the various factors of Production?	67.17%
2	Are you able to apply the concepts of monetary and fiscal measures to control inflation and explain the impact of the share market on the economy ?	68.30%
3	Are you able to apply the notion of creativity and innovation and co-relate it to the concepts of Intellectual Property Rights , patents , copy rights & Trade Mark?	68.68%
4	Are you able to classify the various function of entrepreneurship & its relation to economic development?	69.06%
5	Are you able to apply the various principles of Scientific management to management functions?	68.68%
6	Are you able to develop an organizational system using the concepts of Personal Management and Modern marketing?	67.92%

Course: OE_Optimization Techniques [OECME501T]		Faculty: Mr.Pankaj Jaiswal
Sr. No.	Questions	CO
1	Are you able to formulate given situation as Linear Programming Problem and\ solve graphically	83.64%
2	Are you able to apply the techniques of operations research to solve problems of \ntransportation and assignment	84.55%
3	Are you able to optimize the inventory & sequencing problem	81.82%
4	Are you able to formulate the network of project management problem and\ determine the project completion time	82.73%
5	Are you able to decide replacement age of equipment	81.82%
6	Are you able to solve single server queuing model (M/M/1) problems and \simulate the given situation using random number.	80.91%

Course:Soft Skills-II [PHSMCME501P]		Faculty: Ms. Sheenam Khan
Sr. No.	Questions	CO
1	Are you able to differentiate between ELAP & PRAP?	68.44%
2	Are you able to identify the Do\'s and Dont\'s of a job interview?	70.67%
3	Are you able to create effective presentations?	72.44%
4	Are you able to apply the concept of Etiquettes and manners in day -today life?	66.22%
5	Are you able to apply negotiation skills in real life context?	71.56%


 HoD, ME

S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.



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DEPARTMENT OF MECHANICAL ENGINEERING



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Session 2023-24 (ODD Semester)_VII_SEM
 Course End Survey Questions

Course: Applied Thermodynamics-II [PCCME701T]		Faculty: Dr. Tushar Sathe
Sr. No.	Questions	CO
1	Are you able to evaluate the efficiencies of positive displacement compressors based on various compression processes ?	70.11%
2	Are you able to evaluate the performance parameters of the rotary compressors for various operating conditions ?	68.54%
3	Are you able to classify and Explain the different internal combustion engines?	69.89%
4	Are you able to evaluate the performance parameters of internal combustion engines operating on variable conditions ?	70.56%
5	Are you able to interpret the effect of various operating parameters on the performance of refrigeration systems and illustrate the Joule-Thomson Coefficient and applications of cryogenics?	68.31%
6	Are you able to analyze various Psychrometric processes and classify different air conditioning systems?	70.56%

Course: Applied Thermodynamics-II Lab [PCCME701P]		Faculty: Dr. Pankaj Wankhede / Mr. Shrikant Kathwate
Sr. No.	Questions	CO
1	Are you able to compare and evaluate the performance parameters of Internal combustion engines at variable operating conditions?	71.24%
2	Are you able to estimate the heat balance sheet of internal combustion engines?	70.11%
3	Are you able to demonstrate and judge the performance of refrigeration and air-conditioning systems at variable cooling load?	68.76%
4	Are you able to determine and interpret the volumetric efficiency of air compressors at different operating conditions?	69.89%

Course: Industrial Engineering [PECME701T]		Faculty: Mr. Sarvesh Biyani
Sr. No.	Questions	CO
1	Are you able to explain the basic concepts of productivity and identify factors affecting productivity ?	68.98%
2	Are you able to apply the concept of method study as a mean of developing more effective methods?	66.53%

3	Are you able to apply make use of the techniques of time study to establish the time for qualified worker to carry out a specified job?	66.12%
4	Are you able to examine the concept of ergonomics for workplace design?	70.00%
5	Are you able to compare various forecasting techniques and co-relate it to the concept of sales forecasting of the industry ?	69.39%
6	Are you able to classify various types of maintenance and the factors governing successful maintenance systems?	68.16%

Course: Introduction to Automotive Powertrain [PECME703T]

Faculty: Dr. Tushar Sathe

Sr. No.	Questions	CO
1	Are you able to explain the fundamentals of vehicle motion, vehicle resistance and vehicle motion parameters?	69.44%
2	Are you able to analyze of stresses and design of components of Internal Combustion (IC) Engine?	65.56%
3	Are you able to examine the functions of transmission system and operating parameters of transmission gearbox?	75.56%
4	Are you able to examine the various technologies used in transmission unit of a vehicle?	70.56%
5	Are you able to examine the operating parameters of the components of drive line in a vehicle?	72.22%
6	Are you able to develop mathematical modelling and transfer function for transmission systems?	72.78%

Course: Refrigeration and Air Conditioning [PECME704T]

Faculty: Mr. Shrikant Kathwate

Sr. No.	Questions	CO
1	Are you able to analyze the effect of various parameters on the performance of vapour compression refrigeration system using p-h/t-s chart?	68.94%
2	Are you able to evaluate the performance of multistage vapour compression refrigeration system?	68.94%
3	Are you able to select and explain various unconventional and low temperature refrigeration system?	71.06%
4	Are you able to analyze various psychrometric process on psychrometric chart?	70.64%
5	Are you able to design air conditioning system using heat load calculations?	69.36%
6	Are you able to design air distribution system for an air conditioning system?	68.94%

Course : Non-Conventional Energy Sources [PECME706T]

Faculty : Mr. Yogesh Joshi

Sr. No.	Questions	CO
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1	Are you able to classify and explain various non-conventional energy resources and its environmental impact?	75.00%
2	Are you able to illustrate and examine the various solar thermal energy conversion systems?	73.50%
3	Are you able to illustrate and examine the various solar photovoltaic systems?	72.00%
4	Are you able to classify and explain various fuel cell and wind turbine technologies for electrical power generation?	74.50%
5	Are you able to analyze the energy conversion processes in biomass and hydrogen energy systems?	75.50%
6	Are you able to summarize different ocean energy systems and explain their working principles?	73.50%

Course :Automobile Engineering [OECME701T]

Faculty : Dr. Pankaj Wankhede /
Mr. Prasad Mangalkar

Sr. No.	Questions	CO
1	Will you able to classify different types of chassis, engines and explain various\ntypes of lubrication system & Cooling System ?	76.15%
2	Will you able to classify and explain different types of clutches and gearbox?	77.69%
3	Are you able to compare and explain various transmission system and brakes\nused in automobile ?	77.69%
4	Are you able to classify different types of steering and suspension systems ?	81.92%
5	Are you able to compare different types of tyres and interpret various factors\naffecting tyre life?	78.92%
6	Are you able to examine various safety considerations and modern development in\nautomobiles ?	78.85%


HoD, ME

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education




Ref: SBJITMR/ME/EVEN/2023-24/N-467

Date: 24/04/2024

NOTICE

All the students of 4th, 6th, and 8th semester are hereby required to fill the **Course End Survey, Students Satisfactory Survey and Program Exit Survey (Only 8th Semester Students**

The feedback is supposed to be given on the IONLMS platform through the link http://103.211.62.98/sbjit_lms_student/ which will be activated between 24/4/2024 to 02/05/2024. Register your genuine feedback. Your feedback will be helpful to improve system.


Dr. Harish Bhatkulkar
HoD Mechanical

S.B.J.I.T.M.R., Nagpur.

HOD

Dept. of Mechanical Engg.
S.B. Jain Instt. of Tech. Mang. & Resarc
Nagpur - 441 501

**S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT
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DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Ref: SBJITMR/ME/2023-24/EVEN/481

Date: 08/05/2024

To

The Principal,
SBJITMR, Nagpur.


Subject: Course End Survey for Academic Session 2023-24 (EVEN).

Respect Sir,

Course end survey was conducted from 25th April to 2nd May 2024 for IV, VI and VIII semester students. The analysis is shown to concerned faculties by the Head of Department. Action taken report on course end survey and subject wise analysis is attached herewith for your kind information.

Enclosure:

1. Action taken report
2. Subject wise analysis.


**Head of Department
Mechanical Engineering**

Copy to:

1. IQAC

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DEPARTMENT OF MECHANICAL ENGINEERING

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Action Taken Report on Course End Survey

2023-24 (Even Semester)

Course End Survey was conducted from 25th April to 2nd May 2024 for IV, VI and VIII semester students. The responses from students have been scrutinized, summarized using IONCudos. The analysis is shown to concerned faculties by the HoD.

The key observations (points) from summary and actions are listed as follows.

- It is found that for all courses viz. theory, practical and projects are having feedback above 65% i.e. very good.
- The analysis is shown to concerned course in-charges and also appreciated and motivated them to perform better.
- All the survey will be used for, further academic improvement, faculty assessment and indirect assessment.


**Head of Department
Mechanical Engineering**

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DEPARTMENT OF MECHANICAL ENGINEERING



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Session 2023-24 (EVEN Semester)_VI_SEM
Course End Survey Questions

Course: Applied Thermodynamics - I (PCCME601T) Faculty: Mr. Himanshu Wagh		
Sr. No.	Questions	% Feedback
1	Are you able to understand the general layout and components of Thermal power plant?	67.24%
2	Are able to differentiate between different draught system used in the thermal power plant?	67.93%
3	Are you able to analyze the flow through steam nozzle?	71.38%
4	Are you able to evaluate the efficiency of reaction and Impulse steam turbine?	67.24%
5	Are you able to evaluate the performance of the steam condenser and cooling towers?	66.90%
6	Are you able to evaluate the performance of gas turbine and explain the working of jet engine?	64.14%
Course: Computer Aided Design (PCCME602T) Faculty: Mr. Yogesh Joshi		
Sr. No.	Questions	% Feedback
1	Do you able to differentiate between conventional design & CAD design and able to create the line, circle and ellipse using algorithms?	68.77%
2	Do you able to transform the given entity using 2D and 3D transformations?	68.07%
3	Do you able to create geometry using constructive solid geometry, feature based modeling, solid modeling?	70.18%
4	Do you able to determine the displacement, stress and reactions using 1D FEM method?	67.02%
5	Are you able to solve two dimensional problems using FEM method?	66.67%
6	Do you know the steps of optimization ?	65.96%
Course: Computer Aided Design Lab (PCCME602P) Faculty: Mr. Yogesh Joshi		
Sr. No.	Questions	% Feedback
1	Are you able to create 2D and 3D models of mechanical engineering components using CAD software tools?	68.28%
2	Are you able to formulate one dimensional and two dimensional machining components using finite element method?	71.38%
3	Are you able to generate a program for graphical entities?	69.66%
Course: Instrumentation and Metrology (PCCME603T) Faculty: Mr. Ajay Joshi		
Sr. No.	Questions	% Feedback
1	Are you able to distinguish static and dynamic characteristics of measuring instruments?	68.93%
2	Are you able to understand the working principle of various measuring instrument used for measuring temperature, strain, pressure force, speed etc.?	68.93%
3	Are you able to explain various transducers and sensor used in manufacturing industry?	68.21%
4	Are you able to analyze linear and angular measuring instruments used in manufacturing industries?	71.79%
5	Are you able to understand the concept of limit, fits, tolerances ?	67.86%
6	Are you able to classify comparators and instruments for measuring thread and gear profile?	65.71%
Course: Instrumentation and Metrology Lab (PCCME603P) Faculty: Mr. Shrikant Kathwate		
Sr. No.	Questions	% Feedback
1	Are you able to measure the dimensions of specimens using various instruments.	71.48%
2	Are you able to measure the linear & angular displacement, force and speed using transducers.	72.96%
3	Are you able to test for the flatness and analyse the profiles.	72.96%
4	Are you able to assess the measurement technique used in pressure gauge.	69.63%
Course : Statistics and Quality Control {SQC} (PCCME601T) Faculty: Mr. Sarvesh Biyani		
Sr. No.	Questions	% Feedback
1	Are you able to explain the philosophy and basic concepts of quality improvement?	63.48%

2	Are you able to determine various process parameters using statistical process control tools?	65.22%
3	Are you able to determine the variation in a process using control charts for variables?	62.61%
4	Are you able to determine the conformance of quality characteristics using control charts for attributes?	58.26%
5	Are you able to understand and Select the sampling plans for acceptance of materials ?	65.22%
6	Are you able to explain the basic concepts of Six Sigma, Lean Production and Just in Time ?	66.09%

Course : Chassis System Design{CSD } (PECME603T)

Faculty: Dr. Tushar Sathe

Sr. No.	Questions	% Feedback
1	Are you able to explain the concept of chassis design and its components.	75.88%
2	Are you able to formulate stresses on frame members and design frame for passenger and commercial vehicle.	74.71%
3	Are you able to analyze stresses at different section at front axle, bearings and steering system.	75.88%
4	Are you able to design propeller shaft and discuss design details of gear box and axle housing.	72.94%
5	Are you able to discuss ergonomics in automotive chassis design.	75.88%
6	Are you able to discuss design of chassis using Body In White.	73.53%

Course: OE Smart Manufacturing [OECME601T]

Faculty: Mr. Archis Dhawale

Sr. No.	Questions	% Feedback
1	Are you able to explain and classify basic manufacturing processes?	69.41%
2	Are you able to explain and classify various conventional and non conventional machining processes?	68.82%
3	Are you able to classify and explain various rapid prototyping processes?	64.12%
4	Are you able to explain and analyse various system of automation in manufacturing processes?	68.82%
5	Are you able to explain and analyse the various aspects of Computer aided Manufacturing and Computer Integrated Manufacturing?	68.82%
6	Are you able to explain the basic principles and framework of industry 4.0	72.94%

Course: Economics and Finance for Engineers (HSMCME601T)

Faculty: Mr. Siddharth Dongare

Sr. No.	Questions	% Feedback
1	Are you able to understand the concept of economics for managerial decisions?	67.93%
2	Are you able to understand law of demand and it's application to individual and market?	71.38%
3	Are you able to analyse financial statement of the company?	67.59%
4	Are you able to interpret financial data through ratios?	68.62%
5	Are you able to understand the concept of time value of money?	64.48%

Course: Industrial Case Study (PROJME601)

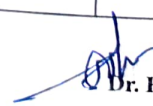
Faculty: Mr. Nikhil Shrikhade

Sr. No.	Questions	% Feedback
1	Are you able to select the suitable industry for case study ?	68.57%
2	Are you able to explain working/equipment/layout/operation/inspection methods performed in industry?	66.79%
3	Are you able to determine specific case/issue/problem from the industry.?	71.43%
4	Are you able to apply the methods/techniques/theories of mechanical engineering to address the problem in the industry and recommended the solution to improve the the system?	68.57%

Course: Soft Skills - III (HSMCME602P)

Faculty: Prof. Sheenam Khan

Sr. No.	Questions	% Feedback
1	Are you able to understand the importance Paralanguage and Voice Modulations?	64.73%
2	Are you able to correlate between Collaborative Approach and Distributive Approach in Negotiation?	67.64%
3	Are you able to identify the process of Effective Interview Skills?	67.27%
4	Are you able to understand the HURIER Model of Listening?	66.91%


Dr. Harish Bhatkulkar
HoD, ME

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DEPARTMENT OF MECHANICAL ENGINEERING



Session 2023-24 (EVEN Semester)_ VIII_SEM
Course End Survey Questions

Course: Design of Mechanical Drives (PCCME801T)		Faculty: Mr. Vinod Suple / Mr. Nilesh Gowardipe
Sr. No.	Questions	% Feedback
1	Are you able to design the coupling using standard properties and evaluate bearing parameters subjected to static and dynamic loading?	69.88%
2	Are you able to select and design the suitable belt drives for industrial application?	66.02%
3	Are you able to select and design wire rope and chain drive for industrial application ?	68.43%
4	Are you able to design spur and helical gear for given loading based on strength and wear consideration ?	67.95%
5	Are you able to analyze and design bevel and worm gear for intersecting and non-intersecting shaft?	68.67%
6	Are you able to examine the design for excellence approach focused on optimizing the product realization lifecycle?	68.92%
Course: Production planning and control		Faculty: Mr. Ajay Joshi
Sr. No.	Questions	% Feedback
1	Are you able to explain the concept of production planning & control and solve the problems on break-even analysis?	74.17%
2	Are you able to explain the factors influencing capacity planning, aggregate planning, process planning and the basic concept of line balancing?	70.83%
3	Are you able to explain the routing & scheduling process and factors affecting scheduling to schedule the production effectively?	75.42%
4	Are you able to Explain the loading dispatching and expediting process in the production shop and construct the ganit chart, viaual chart, cumulative and weekly charts ?	72.92%
5	Are you able to explain the fundamental of inventory control and determine the economic order quantity & economic lot size?	75.83%
6	Are you able to compare material requirement planning (MRP) and enterprise resource planning (ERP) with respect to manufacturing ?	75.83%
Course: Automation in Production (PECME802T)		Faculty: Dr. Pankaj Wankhede
Sr. No.	Questions	% Feedback
1	Are you able to explain the fundamental of automation theory ?	66.19%
2	Are you able to develop the numerical control part program and explain its role in automation ?	67.62%
3	Are you able to Explain robot anatomy and its programming?	66.67%
4	Are you able to examine the performance of material handling system using analytical method ?	65.24%
5	Are you able to explain the various methods of automated inspection and the concepts of group technology?	68.10%
6	Are you able to apply advanced manufacturing methodology to improve the manufacturing flexibility ?	66.67%
Course : Cryogenics (PECME804T)		Faculty: Mr. Shrikant Kathwate
Sr. No.	Questions	% Feedback
1	Are you able to summarize the application of cryogenics in the field of energy, aeronautics, space and sciences?	72.00%
2	Are you able to explain the mechanical, thermal, and electrical properties of solid at cryogenics temperature and illustrate the properties of cryogenic fluids ?	77.60%
3	Are you able to estimate various performance parameters of cryogenics refrigerator and evaluate the liquid yield for various cycles?	68.80%
4	Are you able to determine the performance of the heat exchangers, compressors, and expanders working under cryogenic temperature?	75.20%
5	Are you able to determine energy associated with the separation of a mixture of gases and explain various methods of separating gasses ?	76.80%
6	Are you able to illustrate the cryogenics storage system and explain the working various instruments operating at cryogenic temperature?	74.40%
Course : Solar Energy Utilization (PECME806T)		Faculty: Mr. Nikhil Shrikhande
Sr. No.	Questions	% Feedback
1	Are you able to explain the fundamental of solar radiation and solar geometry?	71.11%
2	Are you able to summarize the concept of solar energy utilization and illustrate the operation of solar photovoltaic cell with its application?	70.48%
3	Are you able to analyze various solar collector and determine its performance parameters?	69.84%
4	Are you able to compare solar thermal collector used for solar power generation ?	69.84%
5	Are you able to explain different energy storage system and analyze its performance?	66.03%
6	Are you able to outline the integration of solar energy for industrial process heat ?	68.89%

Dr. Harish Bhatkulkar
HoD, ME

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DEPARTMENT OF MECHANICAL ENGINEERING




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Session 2023-24 (EVEN Semester)_IV_SEM
Course End Survey Questions

Course: Engineering Mathematics-IV (BSCME401T)		Faculty: Dr. Manjushree Muley
Sr. No.	Questions	% Feedback
1	Are you able to apply numerical methods to solve algebraic and Transcendental equations?	68.75%
2	Are you able to apply numerical methods to solve first and second order ordinary differential equation ?	68.75%
3	Are you able to apply power series method to solve Legendre's differential equations ?	67.50%
4	Are you able to apply the concept of probability to find the physical significance of various Distribution phenomena?	65.00%
5	Are you able to apply the knowledge of Mathematical expectation to solve moments generating functions, coefficient of skewness and kurtosi	68.75%
6	Are you able to solve Binomial, Poisson's, Normal and other Distributions of a given problem?	70.63%
Course: Strength of Materials (PCCME401T)		Faculty: Dr. Pankaj Wankhede
Sr. No.	Questions	% Feedback
1	Are you able to explain the concepts of stress & strain and calculate deformation under different loading conditions.	75.33%
2	Are you able to analyze the principal stresses in elements and calculate strain energy based on loading condition.	67.33%
3	Are you able to construct shear force & bending moment diagram for various loading conditions and calculate bending stresses in beams.	70.00%
4	Are able to formulate slope and deflection equations for beams subjected to various loads.	68.00%
5	Are you able to construct shear stress distribution diagram and analyze torsional shear stresses in circular shafts.	69.33%
6	Are you able to analyze stresses in cylinders and evaluate buckling in columns.	68.67%
Course: Strength of Materials Lab (PCCME401P)		Faculty: Mr. Archis Dhawale
Sr. No.	Questions	% Feedback
1	Are you able to determine the strength of specimen by performing tension, shear and compression test using universal testing machine?	63.13%
2	Are you able to perform impact test to determine toughness of the material using Charpy and Izod test?	68.88%
3	Are you able to estimate constants through compression test on spring and deflection test on beam?	66.25%
4	Are you able to determine modulus of rigidity of material using torsion testing machine?	65.00%
Course: Fluid Mechanics and Machinery (PCCME402T)		Faculty: Mr. Pankaj Jaiswal
Sr. No.	Questions	% Feedback
1	Are you able to explain fundamental concept of fluid mechanics and perform the calculate the pressure, hydrostatic forces on submerged planed and curved surface ?	63.13%
2	Are you able to apply fundamental concept of fluid kinematics, dynamics and Bernoullis equation for application of fluids flow?	70.00%
3	Are you able to apply fundamental of viscous flow, laminar & turbulent boundary layer and identify region of boundary layer?	70.00%
4	Are you able to analyze major and minor losses associated with fluid flow in piping network?	68.13%
5	Are you able to distinguish various hydraulic turbines and determine the design & performance parameter of the hydraulic turbines?	67.50%
6	Are you able to determine the design parameter of hydraulic pumps and elevate the performance of centrifugal pump ?	68.75%

Course: Fluid Mechanics and Machinery Lab (PCCME402P)		Faculty: Mr. Nikhil Shrikhande
Sr. No.	Questions	% Feedback
1	Are you able to Understand and analyze the forces & their effects on a floating object in the fluid?	70.63%
2	Are you able to Classify the type of flow using Reynolds Number and determine the friction	70.00%
3	Are you able to Apply the Bernoulli's concept and measure the coefficient of discharge of Venturimeter, orifice meter and notch?	72.50%
4	Are you able to Evaluate performance parameters of hydraulic turbine and hydraulic pumps?	70.00%
Course : Dynamics of Machines (PCCME405T)		Faculty : Mr. Faisal Hussain
Sr. No.	Questions	% Feedback
1	Are you able to understand the force analysis for a planar mechanism and jump-off phenomenon in cam dynamics	69.09%
2	Are you able to determine gyroscopic effect on air plane, ship, four wheeler and two wheeler	72.13%
3	Are you able to construct force and couple polygon for a unbalance system	71.52%
4	Are you able to compare flywheel and governor	70.91%
5	Are you able to classify free , forced and damped vibration	63.03%
6	Are you able to determine the natural frequency of free torsional vibration rotor system	66.67%
Course : Dynamics of Machines Lab (PCCME405P)		Faculty : Mr. Mr. Faisal Hussain
Sr. No.	Questions	% Feedback
1	Are you able to inspect the effects of gyroscopic torque on rotating disc and examine the balancing condition of rotating masses	72.50%
2	Are you able to identify jump-off phenomenon in cam system	72.50%
3	Are you able to evaluate the performance characteristics of governors and flywheel	75.63%
4	Are you able to analyze the modes of vibrations and measure natural frequencies of given mechanical system.	70.63%
Subject:Python Programming Lab		Faculty: Dr. Pankaj Wankhede
Sr. No.	Questions	% Feedback
1	Are you able to apply the fundamental of python programming for solution of problem?	73.13%
2	Are you able modify strings and lists using various method?	71.88%
3	Are you able to use various concepts of python data type?	73.13%
4	Are you able to use the concepts of OOPs for solving problems?	71.88%
Subject:Energy System and Technologies [OECME401T]		Faculty: Mr. Prasad Mangalkar
Sr. No.	Questions	% Feedback
1	Are you able to classify and explain various forms of energy and its conversion?	82.31%
2	Are you able to classify and explain various conventional energy systems?	86.15%
3	Are you able to compare and explain various non conventional energy systems?	86.15%
4	Are you able to explain various future energy systems and technologies?	84.62%
5	Are you able to explain various terms related to power plant economics and energy management?	87.69%
6	Are you able to interpret the environmental impact of energy systems?	
Subject:Soft Skills - I (HSMCME401P)		Faculty: Prof. Imran Khan
Sr. No.	Questions	% Feedback
1	Are you able understand the core difference between Soft Skills and Hard Skills?	65.16%
2	Are you able to use the correct grammatical forms and creative writings?	65.16%
3	Are you able to identify the importance elements of effective presentation skills?	69.03%
4	Are you able to make use of competency for professional correspondence	65.81%


 Dr. Harish Bhatkulkar
 HoD, ME

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DEPARTMENT OF MECHANICAL ENGINEERING



Vision: Emerge as an excellent centre for Mechanical Engineering education

Action Taken Report

On

Course End Survey

Session: 2023-24 (ODD Semester)

Course End Survey was conducted from the 30/11/2023 to 07/12/2023 for III, V, and VII semester students. The responses from students have been scrutinized and summarized using IonCudos software. The summary is discussed with concern faculties by the HoD.

The key observations from survey and actions are listed as follows:

- It is found that feedback for theory, practical and Project Phase- I is above 65%.
- All the survey will be used for further academic improvement, faculty assessment and indirect course outcome attainment.


**Head of Department
Mechanical-Engineering**

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DEPARTMENT OF MECHANICAL ENGINEERING

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Session 2023-24 (ODD Semester)_III_SEM

Course End Survey Questions

Course: Engineering Mathematics-III[BSCME301T]		Faculty: Dr. Manjushri Muley
Sr. No	Questions	CO
1	Are you able to understand Laplace Transform and Inverse Laplace Transform and apply it for solving Linear differential equation?	67.33%
2	Rate your ability to find Fourier cosine and sine transform?	67.33%
3	Rate your understanding about extremum of the functional by using Euler's equation?	69.33%
4	Rate your ability to understand Analytic function and Harmonic function?	68.67%
5	Rate your ability to evaluate complex integral by using Cauchy's formula and Residue method?	62.00%
6	Rate your understanding about evaluation of the solution of Higher order linear Partial Differential Equation with constant coefficient?	68.00%

Course: Kinematics of Machines [PCCME307T]		Faculty: Mr. Faisal .S.Hussain
Sr. No	Questions	CO
1	Are you able to classify Class I and Class II mechanism and can calculate the degree of freedom of a mechanism?	66.21%
2	Are you able to construct polygons and determine velocity and acceleration of link for any planer mechanism?	67.59%
3	Are you able to design cam profile for any desired follower motion?	68.28%
4	Are you able to compare type, number and dimensional synthesis and classify kinematic synthesis?	62.07%
5	Are you able to classify different types of gears, their terminology and can evaluate gear tooth geometry?	62.76%
6	Can you distinguish different types of gear trains & clutches and select appropriate power transmission device as per requirement?	65.52%

Course: Engineering Thermodynamics [PCCME302T]		Faculty: Mr. Himanshu D. Wagh
Sr. No	Questions	CO
1	Are you able to Illustrate various processes associated with Heat and Work interaction?	60.69%
2	Are you able to apply 1st Law of thermodynamics to open and closed systems?	70.34%
3	Are you able to apply 2nd law of Thermodynamics to Heat Engines, Heat Pumps and Refrigerators?	66.90%
4	Are you able to determine various properties of steam?	75.17%
5	Are you able to evaluate the efficiencies of various Rankine cycles?	64.83%
6	Are you able to analyze the performance of various gas power cycles?	69.66%

Course: Manufacturing Processes [PCCME304T]		Faculty: Mr. Archis Dhawale
Sr. No	Questions	CO
1	Can you explain different casting processes and determine pattern allowances, Solidification time and riser dimensions for casting?	63.08%

2	Can you describe bulk deformation processes and calculate the force incurred in different bulk deformation processes?	65.38%
3	Can you discuss sheet metal forming/cutting processes and calculate the cutting and bending force	62.31%
4	Can you differentiate the different metal joining processes and can you select the processes as per given condition?	68.46%
5	Can you compare plastic joining and working processes and can you select the process as per given application?	63.08%
6	Can you explain different Additive manufacturing processes and can you decide the appropriate process for given material	66.15%

Course: Manufacturing Processes Lab [PCCME304P]		Faculty: Mr. Archis Dhawale
Sr. No	Questions	CO
1	Can you explain types of furnace, moulding techniques and gating system, welding processes, metal and plastic working processes?	58.52%
2	Can you explain the different press working operations and determine punch force based on given sheet metal specifications?	63.70%
3	Can you develop jobs in pattern making, moulding, casting and welding	66.67%
4	Can you examine through simulation, working of various equipment, tools used for rolling, extrusion and additive manufacturing techniques?	61.48%

Course : Material Science and Metallurgy [PCCME303T]		Faculty : Mr. Ajay Joshi
Sr. No	Questions	CO
1	Can you Explain the properties of engineering materials and material characterization techniques?	73.33%
2	Can you Compare destructive and non-destructive testing and select appropriate method for given material?	71.67%
3	Can you Illustrate types of metal solidification process & equilibrium diagram and identify various phases in Fe-Fe ₃ C diagram?	70.00%
4	Can you Compare different heat treatment methods and identify appropriate heat treatment process according to given application?	67.50%
5	Can you Classify various ferrous and nonferrous alloys and select an appropriate alloy for given applications?	64.17%
6	Can you Explain powder metallurgy and select the relevant material for an engineering application?	69.17%

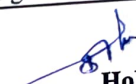
Course : Material Science and Metallurgy Lab [PCCME303P]		Faculty : Mr. Yogesh Joshi
Sr. No	Questions	CO
1	Can you Identify different crystal structure and crystal imperfection?	64.44%
2	Can you Prepare specimen and perform microstructural examination using microscopes?	69.63%
3	Can you Determine hardness of material using test rigs?	68.15%
4	Can you Examine a sample specimen using non-destructive testing methods?	66.67%
5	Can you Determine the fraction of liquid and solid phases and identify the phase of the given system?	65.19%
6	Can you Prepare product using powder metallurgy processes?	68.15%

Subject: Machine Drawing and Solid Modeling Lab [PCCME305P]		Faculty: Mr. Nikhil Shrikhande
Sr. No	Questions	CO
1	Are you able to explain different conventions used in machine drawing?	72.86%

2	Are you able to apply fundamentals of projections and draw sectional orthographic views for mechanical components and intersection of solids?	71.43%
3	Are you able to predict and draw detailed drawing, assembly drawing and production drawing of given machine components?	68.57%
4	Are you able to develop 2D drawing and 3D models of mechanical components in CAD software?	67.86%

Faculty: Mr. Ajay Joshi

Subject: Algorithm and Data Structure Lab [PCCME306P]		CO
Sr. No	Questions	
1	Are you able to Design efficient search and sort algorithms using appropriate techniques to solve programming challenges?	65.33%
2	Are you able to Solve programming challenges using stack and queue data structures?	58.00%
3	Are you able to Apply the concepts of linked list data structure to solve programming challenges?	64.67%
4	Are you able to Apply tree & graph-based data structures to solve real-world challenges?	64.00%


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DEPARTMENT OF MECHANICAL ENGINEERING



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Session 2023-24 (ODD Semester)_V_SEM

Course End Survey Questions

Course: Design of Machine Elements[PCCME501T]		Faculty: Mr. Faisal Hussain
Sr. No.	Questions	CO
1	Are you able to apply the fundamentals of design process in machine elements, identify the different material properties and their significance in machine design?	75.00%
2	Are you able to select the material for different types of joints and calculate the stresses under static loading conditions?	73.46%
3	Are you able to design the fasteners and power screws subjected to variable loading conditions?	73.85%
4	Are you able to design the pressure vessel subjected to internal pressure as per the applications?	74.62%
5	Are you able to design the energy storing elements and levers for various applications?	71.92%
6	Are you able to design the power transmission shaft for various applications?	73.85%

Course:Heat Transfer [PCCME502T]		Faculty: Mr. Himanshu Wagh
Sr. No.	Questions	CO
1	Are you able to differentiate various modes of heat transfer?	67.17%
2	Are you able to apply the concept of internal heat generation in real life application?	67.17%
3	Are you able to apply the physical significance of dimensionless number in convective heat transfer?	68.68%
4	Are you able understand the concept of Boiling and Condensation?	71.70%
5	Are you evaluate heat transfer by Radiation using various laws of radiation?	63.40%
6	Are you able to evaluate the effectiveness of heat exchanger using various types of flow?	67.92%

Course: Heat Transfer Lab [PCCME502P]		Faculty: Mr. Nikhil Shrikhande
Sr. No.	Questions	CO
1	Are you able to determine and measure the conduction phenomenon in different material?	73.21%
2	Are you able to estimate surface heat transfer coefficient the natural and forced convection ?	71.70%
3	Are you able to estimate radiation heat transfer using stefan boltzman law?	70.57%
4	Are you able to performance analysis of heat exchanger to estimate its effectiveness?	66.42%

Course: Manufacturing Technology [PCCME503T]		Faculty: Mr. Nilesh Gowardipe
Sr. No.	Questions	CO
1	Are you able use different measuring equipment and analyze technical data through quality control techniques?	69.41%
2	Are you able to explain the principle and applications of cutting tools and calculate forces during orthogonal metal cutting, and tool life calculation?	66.27%
3	Are you able to select conventional machining processes to manufacture components as per application?	67.06%
4	Can you able to select machining processes for finishing components as per specification?	62.35%
5	Can you able to select non-conventional machining processes for material removal operations?	65.10%
6	Can you able to select production planning and control techniques for improving productivity?	66.67%

Course: Manufacturing Technology Lab [PCCME503P]		Faculty: Mr. Nilesh Gowardipe
Sr. No.	Questions	CO
1	Can you identify and examine various cutting tools?	70.20%
2	Can you identify and analyze cutting forces?	66.27%
3	Are you able to demonstrate lathe, CNC, shaper, milling, drilling, and boring machines?	67.06%
4	Are you able to prepare jobs on lathe, shaper, milling, drilling, and boring machines?	67.84%
5	Are you able to examine the non-conventional machining using virtual lab?	68.24%

Course : PE-I IEED [PECME501T]		Faculty: Mr. Sarvesh Biyani
Sr. No.	Questions	CO
1	Are you able to understand and explain the basic concepts of economics and the various factors of Production?	67.17%
2	Are you able to apply the concepts of monetary and fiscal measures to control inflation and explain the impact of the share market on the economy ?	68.30%
3	Are you able to apply the notion of creativity and innovation and co-relate it to the concepts of Intellectual Property Rights , patents , copy rights & Trade Mark?	68.68%
4	Are you able to classify the various function of entrepreneurship & its relation to economic development?	69.06%
5	Are you able to apply the various principles of Scientific management to management functions?	68.68%
6	Are you able to develop an organizational system using the concepts of Personal Management and Modern marketing?	67.92%

Course: OE_Optimization Techniques [OECME501T]		Faculty: Mr.Pankaj Jaiswal
Sr. No.	Questions	CO
1	Are you able to formulate given situation as Linear Programming Problem and\ solve graphically	83.64%
2	Are you able to apply the techniques of operations research to solve problems of \ntransportation and assignment	84.55%
3	Are you able to optimize the inventory & sequencing problem	81.82%
4	Are you able to formulate the network of project management problem and\ determine the project completion time	82.73%
5	Are you able to decide replacement age of equipment	81.82%
6	Are you able to solve single server queuing model (M/M/1) problems and \simulate the given situation using random number.	80.91%

Course:Soft Skills-II [PHSMCME501P]		Faculty: Ms. Sheenam Khan
Sr. No.	Questions	CO
1	Are you able to differentiate between ELAP & PRAP?	68.44%
2	Are you able to identify the Do\'s and Dont\'s of a job interview?	70.67%
3	Are you able to create effective presentations?	72.44%
4	Are you able to apply the concept of Etiquettes and manners in day -today life?	66.22%
5	Are you able to apply negotiation skills in real life context?	71.56%


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Session 2023-24 (ODD Semester)_VII_SEM
Course End Survey Questions

Course: Applied Thermodynamics-II [PCCME701T]		Faculty: Dr. Tushar Sathe
Sr. No.	Questions	CO
1	Are you able to evaluate the efficiencies of positive displacement compressors based on various compression processes ?	70.11%
2	Are you able to evaluate the performance parameters of the rotary compressors for various operating conditions ?	68.54%
3	Are you able to classify and Explain the different internal combustion engines?	69.89%
4	Are you able to evaluate the performance parameters of internal combustion engines operating on variable conditions ?	70.56%
5	Are you able to interpret the effect of various operating parameters on the performance of refrigeration systems and illustrate the Joule-Thomson Coefficient and applications of cryogenics?	68.31%
6	Are you able to analyze various Psychrometric processes and classify different air conditioning systems?	70.56%

Course: Applied Thermodynamics-II Lab [PCCME701P]		Faculty: Dr. Pankaj Wankhede / Mr. Shrikant Kathwate
Sr. No.	Questions	CO
1	Are you able to compare and evaluate the performance parameters of Internal combustion engines at variable operating conditions?	71.24%
2	Are you able to estimate the heat balance sheet of internal combustion engines?	70.11%
3	Are you able to demonstrate and judge the performance of refrigeration and air-conditioning systems at variable cooling load?	68.76%
4	Are you able to determine and interpret the volumetric efficiency of air compressors at different operating conditions?	69.89%

Course: Industrial Engineering [PECME701T]		Faculty: Mr. Sarvesh Biyani
Sr. No.	Questions	CO
1	Are you able to explain the basic concepts of productivity and identify factors affecting productivity ?	68.98%
2	Are you able to apply the concept of method study as a mean of developing more effective methods?	66.53%

3	Are you able to apply make use of the techniques of time study to establish the time for qualified worker to carry out a specified job?	66.12%
4	Are you able to examine the concept of ergonomics for workplace design?	70.00%
5	Are you able to compare various forecasting techniques and co-relate it to the concept of sales forecasting of the industry ?	69.39%
6	Are you able to classify various types of maintenance and the factors governing successful maintenance systems?	68.16%

Course: Introduction to Automotive Powertrain [PECME703T]

Faculty: Dr. Tushar Sathe

Sr. No.	Questions	CO
1	Are you able to explain the fundamentals of vehicle motion, vehicle resistance and vehicle motion parameters?	69.44%
2	Are you able to analyze of stresses and design of components of Internal Combustion (IC) Engine?	65.56%
3	Are you able to examine the functions of transmission system and operating parameters of transmission gearbox?	75.56%
4	Are you able to examine the various technologies used in transmission unit of a vehicle?	70.56%
5	Are you able to examine the operating parameters of the components of drive line in a vehicle?	72.22%
6	Are you able to develop mathematical modelling and transfer function for transmission systems?	72.78%

Course: Refrigeration and Air Conditioning [PECME704T]

Faculty: Mr. Shrikant Kathwate

Sr. No.	Questions	CO
1	Are you able to analyze the effect of various parameters on the performance of vapour compression refrigeration system using p-h/t-s chart?	68.94%
2	Are you able to evaluate the performance of multistage vapour compression refrigeration system?	68.94%
3	Are you able to select and explain various unconventional and low temperature refrigeration system?	71.06%
4	Are you able to analyze various psychrometric process on psychrometric chart?	70.64%
5	Are you able to design air conditioning system using heat load calculations?	69.36%
6	Are you able to design air distribution system for an air conditioning system?	68.94%

Course : Non-Conventional Energy Sources [PECME706T]

Faculty : Mr. Yogesh Joshi

Sr. No.	Questions	CO
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1	Are you able to classify and explain various non-conventional energy resources and its environmental impact?	75.00%
2	Are you able to illustrate and examine the various solar thermal energy conversion systems?	73.50%
3	Are you able to illustrate and examine the various solar photovoltaic systems?	72.00%
4	Are you able to classify and explain various fuel cell and wind turbine technologies for electrical power generation?	74.50%
5	Are you able to analyze the energy conversion processes in biomass and hydrogen energy systems?	75.50%
6	Are you able to summarize different ocean energy systems and explain their working principles?	73.50%

Course :Automobile Engineering [OECME701T]

Faculty : Dr. Pankaj Wankhede /
Mr. Prasad Mangalkar

Sr. No.	Questions	CO
1	Will you able to classify different types of chassis, engines and explain various\ntypes of lubrication system & Cooling System ?	76.15%
2	Will you able to classify and explain different types of clutches and gearbox?	77.69%
3	Are you able to compare and explain various transmission system and brakes\nused in automobile ?	77.69%
4	Are you able to classify different types of steering and suspension systems ?	81.92%
5	Are you able to compare different types of tyres and interpret various factors\naffecting tyre life?	78.92%
6	Are you able to examine various safety considerations and modern development in\nautomobiles ?	78.85%


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Action Taken Report on Course End Survey

2023-24 (Even Semester)

Course End Survey was conducted from 25th April to 2nd May 2024 for IV, VI and VIII semester students. The responses from students have been scrutinized, summarized using IONCudos. The analysis is shown to concerned faculties by the HoD.

The key observations (points) from summary and actions are listed as follows.

- It is found that for all courses viz. theory, practical and projects are having feedback above 65% i.e. very good.
- The analysis is shown to concerned course in-charges and also appreciated and motivated them to perform better.
- All the survey will be used for, further academic improvement, faculty assessment and indirect assessment.


**Head of Department
Mechanical Engineering**

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Session 2023-24 (EVEN Semester)_VI_SEM
Course End Survey Questions

Course: Applied Thermodynamics - I (PCCME601T) Faculty: Mr. Himanshu Wagh		
Sr. No.	Questions	% Feedback
1	Are you able to understand the general layout and components of Thermal power plant?	67.24%
2	Are able to differentiate between different draught system used in the thermal power plant?	67.93%
3	Are you able to analyze the flow through steam nozzle?	71.38%
4	Are you able to evaluate the efficiency of reaction and Impulse steam turbine?	67.24%
5	Are you able to evaluate the performance of the steam condenser and cooling towers?	66.90%
6	Are you able to evaluate the performance of gas turbine and explain the working of jet engine?	64.14%
Course: Computer Aided Design (PCCME602T) Faculty: Mr. Yogesh Joshi		
Sr. No.	Questions	% Feedback
1	Do you able to differentiate between conventional design & CAD design and able to create the line, circle and ellipse using algorithms?	68.77%
2	Do you able to transform the given entity using 2D and 3D transformations?	68.07%
3	Do you able to create geometry using constructive solid geometry, feature based modeling, solid modeling?	70.18%
4	Do you able to determine the displacement, stress and reactions using 1D FEM method?	67.02%
5	Are you able to solve two dimensional problems using FEM method?	66.67%
6	Do you know the steps of optimization ?	65.96%
Course: Computer Aided Design Lab (PCCME602P) Faculty: Mr. Yogesh Joshi		
Sr. No.	Questions	% Feedback
1	Are you able to create 2D and 3D models of mechanical engineering components using CAD software tools?	68.28%
2	Are you able to formulate one dimensional and two dimensional machining components using finite element method?	71.38%
3	Are you able to generate a program for graphical entities?	69.66%
Course: Instrumentation and Metrology (PCCME603T) Faculty: Mr. Ajay Joshi		
Sr. No.	Questions	% Feedback
1	Are you able to distinguish static and dynamic characteristics of measuring instruments?	68.93%
2	Are you able to understand the working principle of various measuring instrument used for measuring temperature, strain, pressure force, speed etc.?	68.93%
3	Are you able to explain various transducers and sensor used in manufacturing industry?	68.21%
4	Are you able to analyze linear and angular measuring instruments used in manufacturing industries?	71.79%
5	Are you able to understand the concept of limit, fits, tolerances ?	67.86%
6	Are you able to classify comparators and instruments for measuring thread and gear profile?	65.71%
Course: Instrumentation and Metrology Lab (PCCME603P) Faculty: Mr. Shrikant Kathwate		
Sr. No.	Questions	% Feedback
1	Are you able to measure the dimensions of specimens using various instruments.	71.48%
2	Are you able to measure the linear & angular displacement, force and speed using transducers.	72.96%
3	Are you able to test for the flatness and analyse the profiles.	72.96%
4	Are you able to assess the measurement technique used in pressure gauge.	69.63%
Course : Statistics and Quality Control {SQC} (PCCME601T) Faculty: Mr. Sarvesh Biyani		
Sr. No.	Questions	% Feedback
1	Are you able to explain the philosophy and basic concepts of quality improvement?	63.48%

2	Are you able to determine various process parameters using statistical process control tools?	65.22%
3	Are you able to determine the variation in a process using control charts for variables?	62.61%
4	Are you able to determine the conformance of quality characteristics using control charts for attributes?	58.26%
5	Are you able to understand and Select the sampling plans for acceptance of materials ?	65.22%
6	Are you able to explain the basic concepts of Six Sigma, Lean Production and Just in Time ?	66.09%

Course : Chassis System Design{CSD } (PECME603T)

Faculty: Dr. Tushar Sathe

Sr. No.	Questions	% Feedback
1	Are you able to explain the concept of chassis design and its components.	75.88%
2	Are you able to formulate stresses on frame members and design frame for passenger and commercial vehicle.	74.71%
3	Are you able to analyze stresses at different section at front axle, bearings and steering system.	75.88%
4	Are you able to design propeller shaft and discuss design details of gear box and axle housing.	72.94%
5	Are you able to discuss ergonomics in automotive chassis design.	75.88%
6	Are you able to discuss design of chassis using Body In White.	73.53%

Course: OE Smart Manufacturing [OECME601T]

Faculty: Mr.Archis Dhawale

Sr. No.	Questions	% Feedback
1	Are you able to explain and classify basic manufacturing processes?	69.41%
2	Are you able to explain and classify various conventional and non conventional machining processes?	68.82%
3	Are you able to classify and explain various rapid prototyping processes?	64.12%
4	Are you able to explain and analyse various system of automation in manufacturing processes?	68.82%
5	Are you able to explain and analyse the various aspects of Computer aided Manufacturing and Computer Integrated Manufacturing?	68.82%
6	Are you able to explain the basic principles and framework of industry 4.0	72.94%

Course:Economics and Finance for Engineers (HSMCME601T)

Faculty: Mr. Siddharth Dongare

Sr. No.	Questions	% Feedback
1	Are you able to understand the concept of economics for managerial decisions?	67.93%
2	Are you able to understand law of demand and it's application to individual and market?	71.38%
3	Are you able to analyse financial statement of the company?	67.59%
4	Are you able to interpret financial data through ratios?	68.62%
5	Are you able to understand the concept of time value of money?	64.48%

Course:Industrial Case Study (PROJME601)

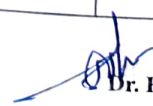
Faculty: Mr. Nikhil Shrikhade

Sr. No.	Questions	% Feedback
1	Are you able to select the suitable industry for case study ?	68.57%
2	Are you able to explain working/equipment/layout/operation/inspection methods performed in industry?	66.79%
3	Are you able to determine specific case/issue/problem from the industry.?	71.43%
4	Are you able to apply the methods/techniques/theories of mechanical engineering to address the problem in the industry and recommended the solution to improve the the system?	68.57%

Course:Soft Skills - III (HSMCME602P)

Faculty: Prof. Sheenam Khan

Sr. No.	Questions	% Feedback
1	Are you able to understand the importance Paralanguage and Voice Modulations?	64.73%
2	Are you able to correlate between Collaborative Approach and Distributive Approach in Negotiation?	67.64%
3	Are you able to identify the process of Effective Interview Skills?	67.27%
4	Are you able to understand the HURIER Model of Listening?	66.91%


Dr. Harish Bhatkulkar
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DEPARTMENT OF MECHANICAL ENGINEERING



Session 2023-24 (EVEN Semester)_ VIII_SEM
Course End Survey Questions

Course: Design of Mechanical Drives (PCCME801T)		Faculty: Mr. Vinod Suple / Mr. Nilesh Gowardipe	% Feedback
Sr. No.	Questions		
1	Are you able to design the coupling using standard properties and evaluate bearing parameters subjected to static and dynamic loading?		69.88%
2	Are you able to select and design the suitable belt drives for industrial application?		66.02%
3	Are you able to select and design wire rope and chain drive for industrial application ?		68.43%
4	Are you able to design spur and helical gear for given loading based on strength and wear consideration ?		67.95%
5	Are you able to analyze and design bevel and worm gear for intersecting and non-intersecting shaft?		68.67%
6	Are you able to examine the design for excellence approach focused on optimizing the product realization lifecycle?		68.92%
Course: Production planning and control		Faculty: Mr. Ajay Joshi	% Feedback
Sr. No.	Questions		
1	Are you able to explain the concept of production planning & control and solve the problems on break-even analysis?		74.17%
2	Are you able to explain the factors influencing capacity planning, aggregate planning, process planning and the basic concept of line balancing?		70.83%
3	Are you able to explain the routing & scheduling process and factors affecting scheduling to schedule the production effectively?		75.42%
4	Are you able to Explain the loading dispatching and expediting process in the production shop and construct the ganit chart, viaual chart, cumulative and weekly charts ?		72.92%
5	Are you able to explain the fundamental of inventory control and determine the economic order quantity & economic lot size?		75.83%
6	Are you able to compare material requirement planning (MRP) and enterprise resource planning (ERP) with respect to manufacturing ?		75.83%
Course: Automation in Production (PECME802T)		Faculty: Dr. Pankaj Wankhede	% Feedback
Sr. No.	Questions		
1	Are you able to explain the fundamental of automation theory ?		66.19%
2	Are you able to develop the numerical control part program and explain its role in automation ?		67.62%
3	Are you able to Explain robot anatomy and its programming?		66.67%
4	Are you able to examine the performance of material handling system using analytical method ?		65.24%
5	Are you able to explain the various methods of automated inspection and the concepts of group technology?		68.10%
6	Are you able to apply advanced manufacturing methodology to improve the manufacturing flexibility ?		66.67%
Course : Cryogenics (PECME804T)		Faculty: Mr. Shrikant Kathwate	% Feedback
Sr. No.	Questions		
1	Are you able to summarize the application of cryogenics in the field of energy, aeronautics, space and sciences?		72.00%
2	Are you able to explain the mechanical, thermal, and electrical properties of solid at cryogenics temperature and illustrate the properties of cryogenic fluids ?		77.60%
3	Are you able to estimate various performance parameters of cryogenics refrigerator and evaluate the liquid yield for various cycles?		68.80%
4	Are you able to determine the performance of the heat exchangers, compressors, and expanders working under cryogenic temperature?		75.20%
5	Are you able to determine energy associated with the separation of a mixture of gases and explain various methods of separating gasses ?		76.80%
6	Are you able to illustrate the cryogenics storage system and explain the working various instruments operating at cryogenic temperature?		74.40%
Course : Solar Energy Utilization (PECME806T)		Faculty: Mr. Nikhil Shrikhande	% Feedback
Sr. No.	Questions		
1	Are you able to explain the fundamental of solar radiation and solar geometry?		71.11%
2	Are you able to summarize the concept of solar energy utilization and illustrate the operation of solar photovoltaic cell with its application?		70.48%
3	Are you able to analyze various solar collector and determine its performance parameters?		69.84%
4	Are you able to compare solar thermal collector used for solar power generation ?		69.84%
5	Are you able to explain different energy storage system and analyze its performance?		66.03%
6	Are you able to outline the integration of solar energy for industrial process heat ?		68.89%

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Session 2023-24 (EVEN Semester)_IV_SEM
Course End Survey Questions

Course: Engineering Mathematics-IV (BSCME401T)		Faculty: Dr. Manjushree Muley
Sr. No.	Questions	% Feedback
1	Are you able to apply numerical methods to solve algebraic and Transcendental equations?	68.75%
2	Are you able to apply numerical methods to solve first and second order ordinary differential equation ?	68.75%
3	Are you able to apply power series method to solve Legendre's differential equations ?	67.50%
4	Are you able to apply the concept of probability to find the physical significance of various Distribution phenomena?	65.00%
5	Are you able to apply the knowledge of Mathematical expectation to solve moments generating functions, coefficient of skewness and kurtosi	68.75%
6	Are you able to solve Binomial, Poisson's, Normal and other Distributions of a given problem?	70.63%
Course: Strength of Materials (PCCME401T)		Faculty: Dr. Pankaj Wankhede
Sr. No.	Questions	% Feedback
1	Are you able to explain the concepts of stress & strain and calculate deformation under different loading conditions.	75.33%
2	Are you able to analyze the principal stresses in elements and calculate strain energy based on loading condition.	67.33%
3	Are you able to construct shear force & bending moment diagram for various loading conditions and calculate bending stresses in beams.	70.00%
4	Are able to formulate slope and deflection equations for beams subjected to various loads.	68.00%
5	Are you able to construct shear stress distribution diagram and analyze torsional shear stresses in circular shafts.	69.33%
6	Are you able to analyze stresses in cylinders and evaluate buckling in columns.	68.67%
Course: Strength of Materials Lab (PCCME401P)		Faculty: Mr. Archis Dhawale
Sr. No.	Questions	% Feedback
1	Are you able to determine the strength of specimen by performing tension, shear and compression test using universal testing machine?	63.13%
2	Are you able to perform impact test to determine toughness of the material using Charpy and Izod test?	68.88%
3	Are you able to estimate constants through compression test on spring and deflection test on beam?	66.25%
4	Are you able to determine modulus of rigidity of material using torsion testing machine?	65.00%
Course: Fluid Mechanics and Machinery (PCCME402T)		Faculty: Mr. Pankaj Jaiswal
Sr. No.	Questions	% Feedback
1	Are you able to explain fundamental concept of fluid mechanics and perform the calculate the pressure, hydrostatic forces on submerged planed and curved surface ?	63.13%
2	Are you able to apply fundamental concept of fluid kinematics, dynamics and Bernoullis equation for application of fluids flow?	70.00%
3	Are you able to apply fundamental of viscous flow, laminar & turbulent boundary layer and identify region of boundary layer?	70.00%
4	Are you able to analyze major and minor losses associated with fluid flow in piping network?	68.13%
5	Are you able to distinguish various hydraulic turbines and determine the design & performance parameter of the hydraulic turbines?	67.50%
6	Are you able to determine the design parameter of hydraulic pumps and elevate the performance of centrifugal pump ?	68.75%

Course: Fluid Mechanics and Machinery Lab (PCCME402P)		Faculty: Mr. Nikhil Shrikhande
Sr. No.	Questions	% Feedback
1	Are you able to Understand and analyze the forces & their effects on a floating object in the fluid?	70.63%
2	Are you able to Classify the type of flow using Reynolds Number and determine the friction	70.00%
3	Are you able to Apply the Bernoulli's concept and measure the coefficient of discharge of Venturimeter, orifice meter and notch?	72.50%
4	Are you able to Evaluate performance parameters of hydraulic turbine and hydraulic pumps?	70.00%
Course : Dynamics of Machines (PCCME405T)		Faculty : Mr. Faisal Hussain
Sr. No.	Questions	% Feedback
1	Are you able to understand the force analysis for a planar mechanism and jump-off phenomenon in cam dynamics	69.09%
2	Are you able to determine gyroscopic effect on air plane, ship, four wheeler and two wheeler	72.13%
3	Are you able to construct force and couple polygon for a unbalance system	71.52%
4	Are you able to compare flywheel and governor	70.91%
5	Are you able to classify free , forced and damped vibration	63.03%
6	Are you able to determine the natural frequency of free torsional vibration rotor system	66.67%
Course : Dynamics of Machines Lab (PCCME405P)		Faculty : Mr. Mr. Faisal Hussain
Sr. No.	Questions	% Feedback
1	Are you able to inspect the effects of gyroscopic torque on rotating disc and examine the balancing condition of rotating masses	72.50%
2	Are you able to identify jump-off phenomenon in cam system	72.50%
3	Are you able to evaluate the performance characteristics of governors and flywheel	75.63%
4	Are you able to analyze the modes of vibrations and measure natural frequencies of given mechanical system.	70.63%
Subject: Python Programming Lab		Faculty: Dr. Pankaj Wankhede
Sr. No.	Questions	% Feedback
1	Are you able to apply the fundamental of python programming for solution of problem?	73.13%
2	Are you able modify strings and lists using various method?	71.88%
3	Are you able to use various concepts of python data type?	73.13%
4	Are you able to use the concepts of OOPs for solving problems?	71.88%
Subject: Energy System and Technologies [OECME401T]		Faculty: Mr. Prasad Mangalkar
Sr. No.	Questions	% Feedback
1	Are you able to classify and explain various forms of energy and its conversion?	82.31%
2	Are you able to classify and explain various conventional energy systems?	86.15%
3	Are you able to compare and explain various non conventional energy systems?	86.15%
4	Are you able to explain various future energy systems and technologies?	84.62%
5	Are you able to explain various terms related to power plant economics and energy management?	87.69%
6	Are you able to interpret the environmental impact of energy systems?	
Subject: Soft Skills - I (HSMCME401P)		Faculty: Prof. Imran Khan
Sr. No.	Questions	% Feedback
1	Are you able understand the core difference between Soft Skills and Hard Skills?	65.16%
2	Are you able to use the correct grammatical forms and creative writings?	65.16%
3	Are you able to identify the importance elements of effective presentation skills?	69.03%
4	Are you able to make use of competency for professional correspondence	65.81%


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