

Madhav Institute of Technology & Science, Gwalior
(A Govt. Aided UGC Autonomous & NAAC accredited Institute Affiliated to RGPV, Bhopal)

Chemical Engineering

"ATR on Students with Low Attendance"
(Jan – June 2023)



Prof. Anish P. Jacob

Madhav Institute of Technology & Science, Gwalior

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Chemical Engineering

The details of students with low attendance during Jan – June 2023 semester are given below:

IV Semester

| S. No. | Course Name & Code | Total Registered Students | No. Of Students with Low Attendance |
|--------|--|---------------------------|-------------------------------------|
| 1. | Heat Transfer (170411) | 20 | 04 |
| 2. | Instrumentation and Process Control (170412) | 20 | 07 |
| 3. | Mechanical Design of Process Equipments (170413) | 20 | 05 |
| 4. | Mass Transfer – I (170414) | 20 | 05 |
| 5. | Cyber Security (100009) | 20 | 00 |
| 6. | Indian Constitution and Traditional Knowledge (1000001) | 20 | 04 |

VI Semester

| S. No. | Course Name & Code | Total Registered Students | No. Of Students with Low Attendance |
|--------|--------------------|---------------------------|-------------------------------------|
|--------|--------------------|---------------------------|-------------------------------------|



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| | | | |
|----|---|---------|----|
| 1. | Process Modeling and Simulation(170615) | 40 | 13 |
| 2. | Process Equipment Design (170616) | 40 | 12 |
| 3. | Artificial Intelligence and Machine Learning (170617) | 40 | 08 |
| 4. | Fuels and Combustion (910115) | 10 2 | 46 |
| 5. | Intellectual Property Rights (1000007) | 40 | 12 |

The detailed course wise list of students with low attendance along with the action taken is given below:

IV Semester

SUBJECT- 170411 (Heat Transfer)

List of Students with Low Attendance

| S.No | NAME | ENROLMENT |
|-------------|-----------------|------------------|
| 1 | Manthan Perkar | 0901CM211003 |
| 2 | Sarvagya Tiwari | 0901CM223001 |
| 3 | Arpita Soni | 0901CM211002 |
| 4 | Sakshi Mishra | 0901CM211004 |

TOTAL=4

ACTION TAKEN

1. Conduction of Remedial Classes
2. Organizing quiz/assignments on MOODLE related to their learning topic in order to instill curiosity towards it.



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3. Conducted group activities to boost interactive learning and confidence among them.
4. Come up with oral activities where students are encouraged to express their ideas.

Singh

Course Faculty: **Dr. Shourabh Singh Raghuwanshi**

SUBJECT- (170412) Instrumentation and Process Control

List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|------|-----------------|--------------|
| 1 | Harishankar Pal | 0901CM211003 |
| 2 | Manthan Perkar | 0901CM211007 |
| 3 | Prince Shukla | 0901CM211011 |
| 4 | Shivraj Singh | 0901CM211016 |
| 5 | Arpita Soni | 0901CM211002 |
| 6 | Sakshi Mishra | 0901CM211004 |
| 7 | Sarvagya Tiwari | 0901CM223001 |

TOTAL= 7

ACTION TAKEN

1. Conducted group activities to boost interactive learning and confidence among them.
2. Organizing quiz/assignments on moodle related to their learning topic in order to instill curiosity towards it.
3. Come up with oral activities where students are encouraged to express their ideas
4. Conduction of Remedial Classes

Swati

Course Faculty: **Swati Gupta**

SUBJECT- 170413 (Mechanical Design of Process Equipment)

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List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|------|-----------------|--------------|
| 1 | Prince Shukla | 0901CM211011 |
| 2 | Shivraj Singh | 0901CM211016 |
| 3 | Arpita Soni | 0901CM211002 |
| 4 | Sakshi Mishra | 0901CM211004 |
| 5 | Sarvagya Tiwari | 0901CM223001 |

TOTAL=5

ACTION TAKEN

1. Conducted group activities to boost interactive learning and confidence among them.
2. Organizing quiz/assignments on MOODLE related to their learning topic in order to instill curiosity towards it.
3. Come up with oral activities where students are encouraged to express their ideas.
4. Conduction of Remedial Classes



Course Faculty: **Shivangi Sharma**

SUBJECT- (170414) Mass Transfer - I

List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|------|-----------------|--------------|
| 1 | Prince Shukla | 0901CM211011 |
| 2 | Shivraj Singh | 0901CM211016 |
| 3 | Arpita Soni | 0901CM211002 |
| 4 | Sakshi Mishra | 0901CM211004 |
| 5 | Sarvagya Tiwari | 0901CM223001 |

TOTAL= 5

ACTION TAKEN



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1. Conducted group activities to boost interactive learning and confidence among them.
2. Organizing quiz/assignments on MOODLE related to their learning topic in order to instill curiosity towards it.
3. Come up with oral activities where students are encouraged to express their ideas
4. Conduction of Remedial Classes



Course Faculty: **Shivangi Sharma**

VI Semester

SUBJECT- (170615) Process Modeling and Simulation

List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|-------------|---------------------|------------------|
| 1 | Shivam Yadav | 0901CM201035 |
| 2 | Raj Singh Baghel | 0901CM201029 |
| 3 | Ritesh Tomar | 0901CM201032 |
| 4 | Abhay Sikoriya | 0901CM201002 |
| 5 | Aditya Agrawal | 0901CM201004 |
| 6 | Anurag Shukla | 0901CM201009 |
| 7 | Anurag Singh Tomar | 0901CM201010 |
| 8 | Yuvraj Soni | 0901CM201043 |
| 9 | Khushi Dandotiya | 0901CM201021 |
| 10 | Khushi Shrivastava | 0901CM201022 |
| 11 | Patanjali Shandilya | 0901CM201025 |
| 12. | Ujjawal Singhal | 0901CM201039 |
| 13. | Tanish | 0901CM201038 |

TOTAL= 13

ACTION TAKEN

1. Conduction of remedial classes and doubt solving sessions.



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2. Giving more practice problems and encouraging peer learning.
3. Taking more frequent quizzes on MOODLE and giving assignments.
4. Having informal feedback on the topics delivered.

Anish P. Jacob

Course Faculty: **Anish P. Jacob**

SUBJECT- (170616) Process Equipment Design

List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|------|---------------------|--------------|
| 1 | Shivam Yadav | 0901CM201035 |
| 2 | Raj Singh Baghel | 0901CM201029 |
| 3 | Ritesh Tomar | 0901CM201032 |
| 4 | Abhay Sikoriya | 0901CM201002 |
| 5 | Aditya Agrawal | 0901CM201004 |
| 6 | Anurag Shukla | 0901CM201009 |
| 7 | Anurag Singh Tomar | 0901CM201010 |
| 8 | Yuvraj Soni | 0901CM201043 |
| 9 | Khushi Shrivastava | 0901CM201022 |
| 10 | Patanjali Shandilya | 0901CM201025 |
| 11 | Ujjawal Singhal | 0901CM201039 |
| 12 | Tanish | 0901CM201038 |

TOTAL= 12

ACTION TAKEN

1. Conduction of remedial classes and doubt solving sessions.
2. Giving more practice problems and encouraging peer learning.
3. Taking more frequent quizzes on MOODLE and giving assignments.
4. Having informal feedback on the topics delivered.

Anish P. Jacob

Course Faculty: **Anish P. Jacob**

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SUBJECT- (170617) Artificial Intelligence & Machine Learning

List of Students with Low Attendance:

| S.No | NAME | ENROLMENT |
|------|--------------------|--------------|
| 1 | Shivam Yadav | 0901CM201035 |
| 2 | Raj Singh Baghel | 0901CM201029 |
| 3 | Ritesh Tomar | 0901CM201032 |
| 4 | Abhay Sikoriya | 0901CM201002 |
| 5 | Ishita Pant | 0901CM201019 |
| 6 | Abhishek Carpenter | 0901CM201003 |
| 7 | Anurag Gautam | 0901CM201008 |
| 8 | Yuvraj Soni | 0901CM201043 |

TOTAL= 8

ACTION TAKEN

1. Conducted group activities to boost interactive learning and confidence among them.
2. Organizing quiz/assignments on MOODLE related to their learning topic in order to instill curiosity towards it.
3. Come up with oral activities where students are encouraged to express their ideas
4. Conduction of Remedial Classes

Singh

Course Faculty: **Dr. Shourabh Singh Raghuwanshi**

SUBJECT- (910115) Fuels and Combustion

List of Students with Low Attendance:

| Sl.No. | Students' Name | Enrolment No |
|--------|----------------------|--------------|
| 1 | ABHISHEK AHIRWAR | 0901CE201002 |
| 2 | ADITYA RAJ SHUKLA | 0901CS201007 |
| 3 | ADITYA SINGH KUSHWAH | 0901CE201006 |
| 4 | AMAN MOURYA | 0901CE201011 |

Anish

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| | | |
|----|---------------------------|--------------|
| 5 | ANIKET KIRAR | 0901CE201014 |
| 6 | ANISH SHARMA | 0901AU201006 |
| 7 | ANMOL SONI | 0901ET201007 |
| 8 | ANTESH TIWARI | 0901EC201024 |
| 9 | ARPIT JAIN | 0901CE201019 |
| 10 | ARUN GIRVASIYA | 0901CE201022 |
| 11 | ASHISH BIRLA | 0901AI201013 |
| 12 | ASHISH SHAH | 0901EC201029 |
| 13 | ASHUTOSH PANDEY | 0901ET201012 |
| 14 | ASHWIN DHAKAD | 0901CE201025 |
| 15 | CHHAYANSHI SHRIVASTAVA | 0901AI201018 |
| 16 | DEEPAK LODHI | 0901CE201035 |
| 17 | DEEPAK PARIHAR | 0901CE201036 |
| 18 | DILEEP RAGHUWANSHI | 0901CE201037 |
| 19 | HIMANSHU BHALEKAR | 0901ET201023 |
| 20 | HITIK CHOUDHARY | 0901ME201073 |
| 21 | HRISHABH KUMAR | 0901CE201047 |
| 22 | JANVED SINGH MAVAI | 0901CE201049 |
| 23 | KM SAGAR PRAJAPATI | 0901CE201138 |
| 24 | MANISH RAJPUT | 0901CE201068 |
| 25 | MEGHA TOMAR | 0901IO201042 |
| 26 | MOHIT ASTHANA | 0901EE201070 |
| 27 | MOHIT JAISWAL | 0901EC201067 |
| 28 | MOHIT TRIPATHI | 0901CS201071 |
| 29 | NAMAN BHARDWAJ | 0901EC201069 |



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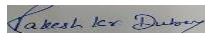
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| | | |
|----|---------------------------------|--------------|
| 30 | NEELRAJ JAMDAR | 0901ME201088 |
| 31 | PRAKASH SINGH | 0901IO201047 |
| 32 | PRATHMESH SONI | 0901IO201048 |
| 33 | PRERNA DUBEY | 0901ME201100 |
| 34 | PUSHPENDRA PRAJAPATI | 0901CE201088 |
| 35 | RAGINI CHACK | 0901CM201028 |
| 36 | RAHUL BRIJPURIYA | 0901ET201042 |
| 37 | RISHIKA KUMRAWAT | 0901CE213D07 |
| 38 | SAJAL PANDEY | 0901CE201100 |
| 39 | SAJID MANZOOR | 0901CE201101 |
| 40 | SAKSHAM SAHU | 0901IO201052 |
| 41 | SHASHANK RATHORE | 0901EC201105 |
| 42 | SHOURYA PRATAP SINGH CHAUHAN | 0901CE201110 |
| 43 | SHUBH SONI | 0901ET201056 |
| 44 | SOURAV SHRIVAS | 0901AU201029 |
| 45 | SUHANI KANSAL | 0901EC201118 |
| 46 | TALIB MOHAMMAD REHMAN TAJ | 0901CE201121 |

TOTAL= 46

Action Taken:

1. Trying to motivate such students to attend the class regularly
2. Additional and remedial classes are conducted



Course Faculty: **Dr. Rakesh Kumar Dubey**

SUBJECT- (1000007) Intellectual Property Rights

List of Students with Low Attendance:



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| 4 | Abhay Sikoriya | 0901CM201002 |
| 5 | Aditya Agrawal | 0901CM201004 |
| 6 | Anurag Shukla | 0901CM201009 |
| 7 | Anurag Singh Tomar | 0901CM201010 |
| 8 | Yuvraj Soni | 0901CM201043 |
| 9 | Khushi Shrivastava | 0901CM201022 |
| 10 | Patanjali Shandilya | 0901CM201025 |
| 11 | Ujjawal Singhal | 0901CM201039 |
| 12 | Tanish | 0901CM201038 |

TOTAL= 12

ACTION TAKEN

1. Conduction of remedial classes and doubt solving sessions.
2. Encouraging peer learning.
3. Taking more frequent quizzes on MOODLE and giving assignments.
4. Having informal feedback on the topics delivered.



Course Faculty: **Swati Gupta**

Action Taken at the Department Level:

1. **Given Separate Online Assignment and Quizzes:** Separate assignments & quizzes help students to cope up with the syllabus and understand the uncovered topics in a better manner.
2. **Increased Parent Involvement:** The class coordinators have interacted with the parents/guardians of low attendance students to keep them informed about the situation and increase their participation related to their ward's performance.
3. **Increased E-Learning with more content and notes:** Extensive course material & E content has been provided to students through MOODLE and other platforms so that they don't find much difficulty in the courses of their respective semesters.



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4. **Taking more remedial & tutorial sessions:** Regular remedial classes are conducted for solving doubts of students. Tutorial sessions are conducted in numerical related courses for better grasping of fundamentals.
5. **Having frequent online interactions:** Students are encouraged to have frequent interactions with the course faculty and class coordinators have regular student interactions through WhatsApp groups and online sessions.



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