

#### MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(Deemed University)
NAAC Accredited with A++ Grade



**Department of Civil Engineering** 

# Action Taken Report based on Curriculum Feedback Received from Stakeholders (UG/ PG First Year) – June 2025

## Following are Action taken based on Curriculum Feedback received from External Experts

| S.<br>No. | Comments/ Suggestions Received From Experts  | Actions Taken   |
|-----------|--|---|
| 1         | Reducing the syllabus content of 11251101, Civil Engineering Materials & Construction by removing obsolete items like Stones, Bricks, Lime | The syllabus of 11251101, Civil Engineering Materials & Construction was modified by removing the contents of stones & bricks from Unit – I and replacing it with other topics from subsequent units. Also topic of Lime was removed from Unit – III. |
| 2         | Adding the topics of Glass, Aluminum in the syllabus of 11251101, Civil Engineering Materials & Construction                               | The topics of glass was added in Unit – I of the syllabus, also composites of aluminum was added in Unit – II of the syllabus   |
| 3         | Adding the advanced topics cement in the syllabus of 11251101, Civil Engineering Materials & Construction                                  | The topics of Ferro cement, cement concrete was added in Unit – III of syllabus.  |
| 4         | Modify the topic of damp prevention the syllabus of 11251101, Civil Engineering Materials & Construction                                   | The topics were modified in Unit $-V$ .   |
| 5         | Addition of topic of Precedence network in Unit V of 51251102,<br>Construction project Management  | Incorporated in the syllabus.   |
| 6         | Updation of edition of Books of in courses of Construction<br>Project Management and Management Theory course                              | The edition of books were updated in the respective courses   |
| 7         | Addition of topic Ultra High performance concrete in the syllabus of 71251109, Advanced Concrete Technology                                | Incorporated in the syllabus.   |
| 8         | Modification of syllabus of 71251101, Advanced Steel Design  | The syllabus of Advanced Steel Design was modified by adding the topic plastic design and stability analysis.   |



### माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR





#### CIVIL ENGINEERING DEPARTMENT

## ANNEXURE - VI (b)

# Action Taken Report based on Curriculum Feedback Received from Stakeholders

## A. Action taken based on Curriculum Feedback received from Students

| S. No. | Comments /Suggestions Received during Feedback     | Action Taken                 |
|--------|--|------------------------------|
| 1      | Opinion regarding courses to be included as DE     | The opinions of students     |
|        | (Through SWAYAM)                                   | were taken into              |
|        | - Remote Sensing & GIS                             | consideration while          |
|        |  | finalizing the list of DE    |
|        |  | courses (SWAYAM)             |
| 2      | Opinion regarding courses to be included as Honors | The opinions of students     |
|        | (Through SWAYAM)                                   | were taken into              |
|        | - Integrated Waste Management for Smart City       | consideration while          |
|        |  | finalizing the list of Honor |
|        |  | courses (SWAYAM)             |

## B. Action taken based on Curriculum Feedback received from Faculty

| S. No. | Comments /Suggestions Received during Feedback  | Action Taken  |
|--------|---|---|
| 1      | Opinion regarding courses to be included as DE (Through SWAYAM)  - Foundation Engineering  - Pavement Construction Technology  - Admixtures and Special Concretes  - Principles of Construction Management  - Remote Sensing & GIS  | The opinions of faculty members were taken into consideration while finalizing the list of DE courses (SWAYAM)    |
| 2      | Opinion regarding courses to be included as Honors (Through SWAYAM)  - Bridge Engineering  - Optimization methods for Civil Engineering  - Advanced Structural Analysis  - Sustainable Engineering Concepts and Life Cycle Analysis | The opinions of faculty members were taken into consideration while finalizing the list of Honor courses (SWAYAM) |
| 3      | Opinion regarding courses to be included as Minor (Through SWAYAM)  - Project Planning & Control  - Building Materials and Composites  - Strength of Materials  | The opinions of faculty members were taken into consideration while finalizing the list of Minor courses (SWAYAM) |





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Deemed University

(Declared under Distinct Category to Microsoft & Grade

NAAC ACCEPTED WITH A++ Grade

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### CIVIL ENGINEERING DEPARTMENT

## C. Action taken based on Feedback received from Alumni

| S. No. | Comments /Suggestions Received during<br>Feedback  | Action Taken   |
|--------|--|--|
| 1      | Institute should have tie up with the industry for suitable employment of the students in time to come | MoU are already done with some of the Research Organizations like CBRI, CRRI, NHAI and efforts are being done to get students placed in them after their internship and more MoU are planned in future specially with leading Industry like L&T etc. |
| 2      | More industry Academia interaction   | A team is already constituted in the department to plan programs for student industry interaction etc.   |