



# ADARSH MANAGEMENT INSTITUTE OF INDIA

## Diploma In Civil Engineering

**Course Name:** Diploma in Civil Engineering

**Duration:** 3 Years

**Eligibility:** 10+2 with Math

**Lateral Entry:** 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

| First Semester                                                                                                                                                                                              | Second Semester                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Mathematics-I<br>2. Elements of Civil Engg.<br>3. Engineering Graphics-I<br>4. Applied Physics – I<br>5. Applied Chemistry -I<br>6. Applied Mathematics – I<br>7. Project-I                              | 8. Engineering Graphics-II<br>9. Applied Mathematics – II<br>10. Applied Physics – II<br>11. Applied Chemistry – II<br>12. Communication Skill<br>13. Computer Fundamentals<br>14. Project -II |
| Third Semester                                                                                                                                                                                              | Fourth Semester                                                                                                                                                                                |
| 1. Applied Mathematics – III<br>2. Building Construction<br>3. Building Design & Drawing<br>4. Surveying<br>5. Applied Mechanics<br>6. Concrete Technology<br>7. Development of Life Skills                 | 8. Advanced Surveying<br>9. Mathematics-IV<br>10. Mechanics of Structures<br>11. Hydraulics<br>12. Highway Engineering<br>13. Computer Aided Drawing<br>14. Environmental Pollution            |
| Fifth Semester                                                                                                                                                                                              | Sixth Semester                                                                                                                                                                                 |
| 1. Quantity Surveying<br>2. Transportation Engineering<br>3. Elements of RCC Design<br>4. Soil Mechanics<br>5. Engineering Geology<br>6. Building Services<br>7. Entrepreneurship Development<br>8. Project | 9. Construction Site Management<br>10. Construction Techniques<br>11. RCC & Steel Design<br>12. Water Supply & Waste Water Disposal<br>13. Irrigation Engineering<br>14. Project-IV            |