| These progr             |                              | professionals who are already working in technical de<br>enable our<br>eve the higher profiles in their respective organizations |   |
|-------------------------|------------------------------|--|---|
| Course                  | Diploma In Civil Engineering | Bachelors Program in Civil Engineering   | Master In Civil Engineering                         |
| Eligibility<br>Criteria | S.S.C with Work Experience   | 3 Years Diploma or HSC With 3 Years Work<br>Experience   | Graduate or Diploma With 5 Years Work<br>Experience |
|                         | PART I                       | <u>SEM-I</u>   | SEM-I   |
| Syllabus                | Finite Element Analysis      | Finite Element Analysis  | Engg. Mechanics                                     |
|                         | . Engg. Drawing              | Engg. Drawing  | Engg. Drawing Concrete Technology                   |
|                         | Theory of Structures         | Theory of Structures   | <ul> <li>Finite Element Analysis</li> </ul>         |
|                         | PART-II                      | • Engg. Drawing  | Theory of Structures                                |
|                         | Civil Engineering            | <u>SEM-II</u>  | <ul> <li>Estimating and Costing</li> </ul>          |
|                         | Plane Surveying              | Plane Surveying  | <u>SEM-II</u>                                       |
|                         | Estimating and Costing       | Estimating and Costing   | Civil Engineering                                   |
|                         | <u>PART – III</u>            | Concrete Technology  | <ul> <li>Plane Surveying</li> </ul>                 |
|                         | . Concrete Technology        | Structural Analysis  | . Structural Analysis                               |
|                         | . Structural Analysis        | <u>SEM-III</u>   | . Steel Structures                                  |
|                         | Steel Structures             | Steel Structures   | <ul> <li>Water Power Engg</li> </ul>                |
|                         |                              | Geotechnical Engg  | <ul> <li>Elements of Environmental Engg</li> </ul>  |
|                         |                              | Project Managements  |   |
|                         |                              | Water Power Engg   |   |
|                         |                              | <u>SEM-IV</u>  |   |
|                         |                              | Computer Application in Civil Engg   |   |
|                         |                              | . Soil Dynamics  |   |
|                         |                              | Elements of Environmental Engg.  |   |
|                         |                              | . Elements of Transportation Engg.   |   |
| Course<br>Duration      | 1-3 Years                    | 1 – 4 Years  | 1-2 Years   |
|                         | RS. 27,500/-                 | RS. 37,500/  | RS. 34,500/   |