

**OFFICE OF DEAN (Academic Research)**  
 (Empowering CRESCENT through Exemplary Research)

**School of Infrastructure**

| S. No. | Name of the Supervisor and Designation     | Email Id   | Supervisor Recogn No. | Area of Expertise  | Vacancy (as of 26.02.2025) | Faculty Home Page   |
|--------|--|--|-----------------------|--|----------------------------|---|
| 1.     | Dr. M. S. Haji Sheik Mohammed<br>Professor | <a href="mailto:hajisheik@crescent.education">hajisheik@crescent.education</a> | CE/09/06              | <ul style="list-style-type: none"> <li>Prevention and Control of Corrosion in Concrete Structures : Corrosion inhibitors, coatings &amp; sacrificial anode cathodic protection</li> <li>Durability of Reinforced Concrete Structures</li> <li>Technologies for Low Carbon in Construction</li> <li>Innovative repair composites for distressed RC structures</li> <li>Infrastructure planning for sustainable development</li> </ul> | 5                          | <a href="https://crescent.education/dr-m-s-haji-sheik-mohammed-civil/">https://crescent.education/dr-m-s-haji-sheik-mohammed-civil/</a> |
| 2.     | Dr.Vasanthi Padmanabhan<br>Professor       | <a href="mailto:vasanthi@crescent.education">vasanthi@crescent.education</a>   | CE/10/07              | <ul style="list-style-type: none"> <li>Soil Bioremediation</li> <li>Ground Improvement Techniques</li> <li>Wastewater Treatment</li> <li>Ground Water Contamination Modeling</li> <li>Solid Waste Management</li> </ul>  | 6                          | <a href="https://crescent.education/dr-vasanthi-padmanabhan-civil/">https://crescent.education/dr-vasanthi-padmanabhan-civil/</a>       |

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| 3.     | Dr. J. Revathy<br>Professor            | <a href="mailto:revathyj@crescent.education">revathyj@crescent.education</a>       | CE/10/08              | <ul style="list-style-type: none"> <li>Sustainable Concrete Materials</li> <li>Retrofitting &amp; Rehabilitation of Structures</li> <li>Nanomaterials in Concrete Technology</li> <li>Seismic Performance of Structures</li> <li>Machine Learning Applications in Concrete Technology &amp; Structural Engineering</li> </ul>   | 5                          | <a href="https://crescent.education/dr-j-revathy-civil/">https://crescent.education/dr-j-revathy-civil/</a>         |
| 4.     | Dr. P. Gajalakshmi<br>Professor        | <a href="mailto:gajalakshmi@crescent.education">gajalakshmi@crescent.education</a> | CE/12/09              | <ul style="list-style-type: none"> <li>Seismic performance of composite members</li> <li>Development of analytical model for structural members subjected to earthquake loading</li> <li>Development and optimization of Eco-friendly concrete for sustainable construction</li> <li>Simplified deep-learning approach for estimating load carrying capacity of composite members</li> <li>Behaviour of Reinforced Concrete Structural members</li> </ul> | 5                          | <a href="https://crescent.education/dr-p-gajalakshmi-civil/">https://crescent.education/dr-p-gajalakshmi-civil/</a> |

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| 5.     | Dr. K. Yogeswari<br>Professor              | <a href="mailto:yogeswari@crescent.education">yogeswari@crescent.education</a>     | CE/16/13              | <ul style="list-style-type: none"> <li>• Transportation Planning</li> <li>• Sustainable planning</li> <li>• optimization modeling</li> <li>• Project Management</li> <li>• Statistical modeling</li> </ul>                                    | 5                          | <a href="https://crescent.education/dr-k-yogeswari-civil/">https://crescent.education/dr-k-yogeswari-civil/</a>       |
| 6.     | Dr.V.S. Priya<br>Associate Professor       | <a href="mailto:priya@crescent.education">priya@crescent.education</a>             | CE/18/16              | <ul style="list-style-type: none"> <li>• Biological treatment of Wastewater</li> <li>• Photo catalytic degradation of emerging contaminants</li> <li>• Advanced treatment of water</li> </ul>   | 5                          | <a href="https://crescent.education/dr-priya-v-s-civil/">https://crescent.education/dr-priya-v-s-civil/</a>           |
| 7.     | Dr. A.K. Kaliluthin<br>Associate Professor | <a href="mailto:kalil@crescent.education">kalil@crescent.education</a>             | CE/18/14              | <ul style="list-style-type: none"> <li>• Structural Engineering</li> <li>• Structural Distress</li> <li>• Retrofitting &amp; Materials Technology</li> <li>• Steel Structures</li> <li>• Sustainable Concrete Materials</li> </ul>            | 1                          | <a href="https://crescent.education/dr-a-k-kaliluthin-civil/">https://crescent.education/dr-a-k-kaliluthin-civil/</a> |
| 8.     | Dr. Nisha Khanam<br>Asst. Prof. (Sel.Gr.)  | <a href="mailto:nishakhanam@crescent.education">nishakhanam@crescent.education</a> | CE/21/18              | <ul style="list-style-type: none"> <li>• Integrated Water Resources Management</li> <li>• Hydraulics and Water Resources Engineering</li> <li>• Hydrology and Water Resources Engineering</li> <li>• Flood Auditing and Management</li> </ul> | 3                          | <a href="https://crescent.education/dr-nisha-khanam-civil/">https://crescent.education/dr-nisha-khanam-civil/</a>     |

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| 9.     | Dr. N. S. Shafeer Ahamed<br>Asst. Prof. (Sel.Gr.) | <a href="mailto:shafeer@crescent.education">shafeer@crescent.education</a> | CE/23/19              | <ul style="list-style-type: none"> <li>Development of Cost effective Inhibitor for Corrosion Protection of Steel in Concrete.</li> <li>Polymer Modified Mortar / Concrete for Repair and Rehabilitation works.</li> </ul>   | 3                          | <a href="https://crescent.education/mr-s-shafeer-ahamed-civil/">https://crescent.education/mr-s-shafeer-ahamed-civil/</a> |
| 10.    | Dr. Roopa V<br>Asst. Prof. (Sr. Gr.)              | <a href="mailto:roopa@crescent.education">roopa@crescent.education</a>     | CE/24/21              | <ul style="list-style-type: none"> <li>Extension of service life of roof slab in existing buildings.</li> <li>Durability of RC structures.</li> <li>Construction Quality and Safety Management</li> <li>Construction Risk Management</li> <li>Productivity improvement using Lean Construction</li> </ul> | 3                          | <a href="https://crescent.education/ms-v-roopa-civil/">https://crescent.education/ms-v-roopa-civil/</a>                   |
| 11.    | Dr. K.Kanmani<br>Asst. Prof. (Sr. Gr.)            | <a href="mailto:kanmani@crescent.education">kanmani@crescent.education</a> | CE/24/23              | <ul style="list-style-type: none"> <li>Microwave Remote Sensing</li> <li>Geographical Information System (GIS)</li> <li>Spatial Analysis and Modelling</li> <li>Synthetic Aperture Radar (SAR) Polarimetry</li> <li>Geospatial Applications</li> </ul>  | 3                          | <a href="https://crescent.education/ms-k-kanmani-civil/">https://crescent.education/ms-k-kanmani-civil/</a>               |

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| 12.    | Dr. M.Ayisha Sidiqia<br>Asst. Prof. (Sr. Gr.) | <a href="mailto:ayisha@crescent.education">ayisha@crescent.education</a>   | CE/24/22              | <ul style="list-style-type: none"> <li>• Groundwater quality characterization</li> <li>• Water treatment technology using adsorption</li> <li>• Wastewater treatment using advanced oxidation process</li> <li>• Air pollution reduction methods and modeling</li> <li>• New construction materials</li> </ul> | 4                          | <a href="https://crescent.education/ms-m-ayisha-sidiqia-civil/">https://crescent.education/ms-m-ayisha-sidiqia-civil/</a> |
| 13.    | Dr. Y.Ibrahim<br>Asst. Prof. (Sr. Gr.)        | <a href="mailto:ibrahim@crescent.education">ibrahim@crescent.education</a> | CE/24/20              | <ul style="list-style-type: none"> <li>• Sewage/Industrial Wastewater Treatment</li> <li>• Solid Waste Management</li> <li>• Carbon neutral and Circular economy</li> <li>• Photocatalytic degradation</li> <li>• Environmental (Air &amp; Soil) pollution reduction and Management</li> </ul>                 | 4                          | <a href="https://crescent.education/mr-y-ibrahim-civil/">https://crescent.education/mr-y-ibrahim-civil/</a>               |