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| Savitribai Phule Shikshan Prasarak Mandal’s  **SKN SINHGAD COLLEGE OF ENGINEERING**  (Approved by AICTE, Recognized by DTE (MS) & Affiliated to Punyashlok Ahilyadevi Holkar, Solapur University, Solapur)  **Accredited ‘A’ Grade by NAAC** **DTE Code: EN-6643**  **Prof. M. N. Navale**  **Mr. Rohit M. Navale** **Dr. K. J. Karande**  M. E. (Elect.), MIE (I), MBA M. E. (Mech.) M. Tech., Ph. D. (E &TC)  **PRESIDENT GENERAL SECRETARY PRINCIPAL** | | |
| **SN** | **Content** | **Description** |
| 1 | Name of Initiatives | Center of excellence in material testing & consultancy. |
| 2 | About the initiatives | Testing of materials during construction is the mandatory requirement to achieve better quality. Barring few recognized testing laboratories in the city of Pandharpur, there are not much of the facilities available at present to undertake testing of civil engineering materials as per relevant BIS codes and procedures.  SKNSCOE established high quality testing laboratory with all modern and sophisticated testing equipments. The laboratory is fully equipped with machineries and is managed by the experts in the field of civil engineering. Fully trained technicians and operators are available for testing of materials strictly as per relevant BIS codes and as per the requirement of the client organisations at affordable cost. |
| 3 | The initiatives has Collaboration with | 1. Indian Railway. 2. Public Works Department. 3. Zilla Parishad Solapur. 4. C. P. Bagal Pvt Ltd, Pandharpur. 5. Tirupati Construction Promoters & Developers, Pandharpur. |
| 4 | Type of support available with Collaboration | Industrial consultancy provided to collaborative organisations at affordable cost. |
| 5 | Activities carried under the initiatives | |  |  | | --- | --- | | 1. | Design & analysis of Structures and Rehabilitation of Structures. | | 2. | Quality Control tests on Building, Highway Materials. | | 3. | Soil Investigation (Field and Laboratory tests) Foundation Design and Consultancy. | | 4. | Survey of Land, Preparation of Contour Maps and other associated Investigations, GPS Surveying. | | 5. | Water analysis, Water Supply distribution network design, Sewer design, Environment Impact Assessment Consultancy. | |
| 6 | Benefit to students | * For enhancing the technical skills of students to design, visualize, and simulate their ideas before they are ever built or create. * In the quality of major Projects of final year students. * Students are Industry-Ready and be readily employable. * Placement of students. |
| 7 | Benefit to faculty members | * This center of excellence carrying out industrial consultancy in the form of materials testing and promotes the research in the field of materials engineering. * To pursue continuous perfection of our Knowledge. |
| 8 | Institutional benefit | * Financial benefit. * Enrichment of faculty expertise. * Enrichment of student knowledge. |
| 9 | Societal benefit | Presently, there are not much of the facilities available to undertake testing of civil engineering materials as per relevant BIS codes and procedures. However, the requirements of society are fulfilled by college. All services provided at affordable cost. |