

Details on the MoU/Agreements signed by CSIR-SERC :-

- 1. An MoU was signed with Engineering Mechanics Research (India) Ltd. (EMRC)-the wholly-owned subsidiary of M/s. Cranes Software International. The two partners will initially jointly develop a graphical pre-post processor for SERC's FINEART, a finite element code for linear static, dynamic and non-linear transient dynamics.**
- 2. An MoU was signed with ONGC to facilitate collaborative research and development, testing and evaluation and related activities, which are beneficial to the mission of both the institutes.**
- 3. An Agreement was entered with L&T Ramboll Consulting Engineers Ltd., Anna Salai, Nandanam, Chennai, for Consultancy Services for preparation of detailed project report for repair and rehabilitation of bridges.**
- 4. An MoU was entered with Southern Railway for Instrumentation and monitoring of selected five bridges for increased axle load of CC+8T+2T on iron ore routes of Southern Railway.**
- 5. An MoU was entered with Annamalai University, Annamalai Nagar, Chidambaram, to nurture the growth of Teaching and Research & Development mutually benefitting both the parties.**
- 6. An MoU was signed with Jindal Steel & Power Ltd., Hisar, Harayana, for carrying out the projects, viz., “(i) Investigations on performance evaluation of parallel flange sections for specified loads. Phase I : Beam Sections & (ii) Investigations on performance evaluation of parallel flange sections for specified loads Phase II : Column Sections.**
- 7. An MoU was signed with Consultancy Development Centre (CDC), to implement Phase-I of the ‘Programme on Building Capacity for Infrastructure Development and Construction Engineering Services’.**
- 8. An MoU was signed with Integrated Project Management Group Pvt. Ltd., New Delhi, to develop and build capacities with the build system software tools and practices for building capacity in organizations providing consulting services for construction engineering and infrastructure development.**
- 9. An MoU was signed with M/s. Synergy Thrislington, Mohali for transfer of technology/knowhow for “Prefabricated EPS light weight reinforced concrete building technology”.**
- 10. An MoU was signed with CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, Hyderabad, to nurture the growth of Teaching and Research & Development mutually benefitting both the parties**
- 11. An MoU was signed with NTPC Limited, New Delhi, to facilitate preliminary inspection on Condition Assessment for Concrete and Steel Structures..**
- 12. An MoU for Scientific Collaboration was signed with BAM Federal Institute for Materials Research and Testing, Unter den Eichen 87, 12205 Berlin, Germany.**

13. An MoU was executed with CPWD Chennai Central Circle I, CPWD, Shastri Bhavan, Chennai, for Construction of Twin Tower CSIR Innovation Complex (CIC), at CSIR-SERC, Taramani, Chennai
14. An MoU for nurturing the growth of Teaching and Research & Development was signed with St. Peter's Institute of Higher Education and Research, Chennai.
15. An MoU was signed with Sri Ramakrishna Institute of Technology (SRIT), Coimbatore, with the objective for nurturing the growth of Teaching and Research & Development.
16. An MoU was signed with SRM University, Ramapuram Campus, Chennai with the objective for nurturing the growth of Teaching and Research & Development.
17. A Technology Marketing Agreement (TMA) was signed with CSIR-Tech Private Limited at 100, NCL Innovation Park, Dr. Homi Bhabha Road, Pune.
18. An MoU was signed with Sri Sai Ram Engineering College, Chennai, with the objective for nurturing the growth of Teaching and Research & Development.
19. An MoU was signed with SRM Easwari Engineering College, Bharathi Salai, Ramapuram, Chennai, with the objective for nurturing the growth of Teaching and Research & Development.
20. An MoU was signed with Hitech Concrete Solutions Chennai Pvt. Ltd., with a view that group of agencies with reasonable expertise extend their expertise in the form of outsourcing. Field measurements and other testing and taking readings at site may be outsourced in this mode to pave the way for undertaking more R&D and S&T related services to industries.
21. An MoU was signed with Central Public Works Department on December 19, 2013 for providing substation equipment and DG set for the NAFAMMS Building at the proposed SS-III at CSIR-SERC.
22. An MoU was signed with Vignan's Foundation for Science Technology and Research, Vadlamudi, Guntur, Andhra Pradesh, with the objective for nurturing the growth of Teaching and Research & Development.
23. An MoU was signed with Mangalayatan University, Beswan, Aligarh, with the objective for nurturing the growth of Teaching and Research & Development.
24. An MoU was signed with Board of Research and Nuclear Science (BRNS), Mumbai for carrying out the contract research project on Study on Seismic Performance of DSRDMs.
25. An MoU was signed with Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, for carrying out the contract research project on condition assessment of columns and beams of intake well and design for replacement of the corrosion damaged walk way deck slab of intake well at MAPS, Kalpakkam.
26. An MoU was signed with Bhabha Atomic Research Centre (BARC), Mumbai for carrying out the contract research project on seismic performance test on steel frame with Energy Absorbing Device (EAD).
27. An MoU was signed with Kaiga Generating Station, NPCIL, Kaiga for carrying out the contract research project 'Condition Assessment of main plant civil structures at Kaiga'.

- 28. An MoU was signed with Bhabha Atomic Research Centre (BARC), Mumbai for carrying out the contract research project on vibration study on CRDMs using shake table facility and investigation on added mass on shear wall.**
- 29. An MoU was signed with East Central Railway, Danapur, for carrying out the contract research project on Analytical and Experimental investigations on typical span of bridge No.7DB at Mokameh to evaluate the response of road cross girders and formulate remedial measures.**
- 30. An agreement was signed with Power Grid Corporation Ltd., for carrying out the contract research project on Haryana Proof checking the structural design of 240m high river crossing 400kV D/C transmission line tower.**