

ABOUT ANURAG UNIVERSITY



Anurag University (formerly known as Anurag Group of Institutions) was established in 2002 which has evolved into one of the top Universities of Telangana State and is well reputed for its pursuit of excellence by providing technical education with high academic standards. Under the leadership of our founder and Chairman, Dr. Palla Rajeshwar Reddy, the Institution has grown phenomenally and now offers a total of 23 UG, 19 PG and 13 Doctoral Programs in the fields of Engineering, Pharmacy, Business Management, Agriculture, Science and Arts. The institution is ranked 151-200 band in NIRF ranking for Engineering category and 71 rank for Pharmacy category.

The University ranked in 101-150 rank band and 151- 200 in overall ranking. AU uses Outcome Based Education techniques and Blended Pedagogy to help students navigate the rapidly changing landscape of modern-day technological world. AU boasts a whopping of 2000+ placements so far in 2021-22 academic year. AU has signed a MOU with IIT Hyderabad for all academic and collaborative R&D and student development activities. Recently, AU has signed MOU with Telangana Police for Bilateral Cooperation in the fields of Cyber Security, Artificial Intelligence, research and Capacity Building.

Anurag University also runs two Under Graduate Programs in association with Arizona State University USA in B. S. (Computer Science) and B. S. (Business Data Analytics)

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in 2009. Within a short period of time, the department earned the reputation of being one of the best for Civil Engineering education. The Department was accredited by NBA in 2018, and subsequently it is re-accredited in 2022 and 2025 under Tier-I.

The Department of Civil Engineering at Anurag University offers B. Tech in Civil Engineering and Post-graduation programs in in 'Structural Engineering', 'Construction Technology and Management' and also proposing to start another PG program on 'Post Construction Technology and Management' from 2025 onwards. Doctoral programs in different disciplines of civil engineering are also being offered. Department also offers B. Tech (Honours/Minors) on 'smart city planning and development'.

The department has highly committed faculty who did their education from various IITs, NITs and other reputed Universities. They strive always to provide a quality education to the students and work hard to develop the overall personality of the students. The Computer Centre of the department is well equipped with various software such as STAAD Pro, ETABS, ArcGIS and Auto CAD With the dedicated faculty and modern curriculum aligned to OBE, the department provides everlasting learning experience to the students and fulfils their aspirations of good careers. Department has clubs and professional chapters for professional development of student community. The environment at the department encourages the student to think innovatively and develop engineering solutions to address societal problems.

ABOUT REHAB TECHNOLOGIES

Rehab Technologies is dedicated exclusively for post construction engineering activities such as consultancy, technology advisory services & project management. Experts in post activities like maintenance, remedial waterproofing, repairs and life extension of structures.

Rehab Technologies is a pan-India organisation with 25 years of implementation, challenging and critical post-construction projects with our in-depth understanding and insights, offering innovative global technologies for sustainable solutions for the Indian environmental and economic conditions. Rehab Technologies gained extensive experience and knowledge in the areas of designing and implementing site-specific repair solutions on large and complex projects.

Rehab Technologies team is a visual thinker, with a great sensibility and strong technical background to create revolutionary systems, work closely with clients and their employers, through all the stages of the repair and rehabilitation project cycle & remedial waterproofing works. Rehab Technologies association will be in the areas indicated below:

Stage I: Assessment of the bridges for arriving to accurate methodologies and materials proposals of these repair works.

Stage II: Implement the proposals by effectively carrying out the repair and rehabilitation works at optimum costs.

THEMES

1. Role of Construction Chemicals for design & construction of durable structures.
2. Using industrial by-products and wastes for Ecofriendly & Sustainable construction.
3. Significance of Water Proofing for longevity of buildings & long-term savings in project life cycle.
4. Scientific approach to Post Construction challenges such as maintenance & repairs.
5. Life extension and enhancing structural strength by effective Retrofitting techniques
6. Arresting leakages & seepages with Remedial water proofing technology
7. Understanding Techno-Legal frame work in an evolving economy
8. Documentation for better application management of Construction Chemicals to avoid unwarranted disputes.
9. Creating ecosystem partners in construction chemicals manufacturing, marketing & application management.
10. Health monitoring & Condition survey of structures.
11. Concrete Health Clinics & Diagnostic centers and Surgeons: new professional's requirement for safeguarding investments went into buildings.
12. Start-ups ideas & mentoring in post-construction such as maintenance, repairs, life extension of structures, which is untapped and unmet demand of Rs 20,000 crores.

"A leader is one who knows the way, goes the way and shows the way".
-John Marwell.



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Rehab Technologies
Holistic solutions to concrete repair & Protection



**SECOND
ANNOUNCEMENT**

INTERNATIONAL TECHNOLOGY SUMMIT 2025

on CONSTRUCTION CHEMICALS & ADVANCED MATERIALS

**28th-29th November, 2025
Hyderabad**

Organized by

**Center for Construction Chemical &
Research Studies, Department of
Civil Engineering, Anurag University**

**Association with
Rehab Technologies**

INTRODUCTION

India, one of the fastest-growing major economies in the world, is undergoing a massive transformation in the infrastructure and real estate sectors. The country’s vision for a \$5 trillion economy is backed by bold initiatives in urban development, smart cities, highways, industrial corridors, and mass housing. Among the leading states contributing to this national vision, Telangana has emerged as a dynamic force, witnessing exponential growth in infrastructure, real estate investments, and industrial development.

The state’s capital, Hyderabad, has become a hub for innovation, driven by proactive policies, seamless governance, and a robust construction ecosystem. This growth trajectory has created a substantial demand for advanced materials and construction chemicals that not only accelerate project delivery but also ensure durability, sustainability, and long-term performance. Real estate developers, public sector agencies, and infrastructure players are increasingly exploring cutting-edge technologies and materials that meet international benchmarks for performance and environmental compliance.

Investment in infrastructure today is not just about quantity—it is about quality, resilience, and lifecycle performance. The construction industry is transitioning towards smart materials, waterproofing systems, sustainable retrofitting techniques, and integrated post-construction solutions. This transformation requires a collaborative approach involving engineers, material scientists, legal experts, and policymakers to create an ecosystem of innovation and accountability.

The International Technology Summit on Construction Chemicals and Advanced Materials provides a unique platform to explore these transitions. With a focus on durability, sustainability, waterproofing, retrofitting, and post-construction challenges, the summit aims to foster dialogue between stakeholders and promote a techno-legal framework for responsible construction practices. It also aims to facilitate knowledge exchange, strengthen documentation practices, and nurture partnerships that enable future-ready infrastructure across the country and beyond.

CHALLENGES: Opportunities to ecosystem partners.

Design and Construction of Durable Structures

One of the foremost challenges facing India’s construction industry is ensuring the durability and long-term serviceability of new infrastructure. With increasing environmental pressures, varying climatic conditions, and load intensities, traditional construction practices often fall short in delivering the required lifespan of structures. There is a growing need for advanced construction chemicals and smart materials that enhance resistance against corrosion, chemical attacks, moisture ingress, and mechanical degradation. However, these innovations must be integrated at the design and planning stages, which calls for capacity building among professionals and incorporation of these topics in academic curricula and technical standards.

Maintenance and Life Extension of Critical and Pre-Independence Structures

India is home to thousands of structures built during the colonial era—many of them by the British before independence—that still form the backbone of public infrastructure. From railway stations and bridges to administrative buildings and educational institutions, these aging structures require urgent intervention for remedial waterproofing, structural repair, and overall life extension. Unfortunately, this sector remains grossly underserved due to a critical lack of specialized expertise.

There is a significant gap in academia, with limited exposure among faculty members, researchers, and students to practical aspects of conservation engineering and retrofitting. On the professional front, practicing engineers—both in private consultancy and government departments (including PSUs)—often lack access to modern repair techniques and materials. This results in inconsistent practices, adhoc repairs, and missed opportunities for sustainable restoration. Bridging this gap requires an interdisciplinary approach, integrating research, policy support, field innovations, and continuous professional development.

Place	: Hyderabad, Telangana State, India
Venue	: E Block - Auditorium, Anurag University, Hyderabad
Duration	: 28 th -29 th November, 2025
In collaboration with	: Rehab Technologies
Organized by:	Center for Construction Chemical & Research Studies, Department of Civil Engineering, Anurag University

CHIEF PATRON

Dr. P. Rajeshwar Reddy, MLC
Chairman, Anurag University

PATRONS

Dr. U. B. Desai
Chancellor, AU

Prof. Archana Mantri
Vice-Chancellor, AU

ADVISORY COMMITTEE

Prof. M. Mutha Reddy
Dean (Examinations) AU

Dr. K. Sudheer Reddy
Dean (A&P) AU

Dr. V. Vijaya Kumar
Dean (School of Engineering) AU

PROGRAM CHAIR

Dr. Pallavi Badry
Prof & Head CED, AU

Dr. P. Srinivasa Reddy
CEO, Rehab Technologies

CONVENORS

Dr K. R. C. Reddy
Professor, CE, AU

Dr. B. Narender
Assoc. Professor, CE, AU

C J Manohar
Rehab Technologies

ORGANISING COMMITTEE

B. B Satapathi, Rehab Technologies
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Mr. G. Sailu, Anurag University
Mr. B.C S Reddy, Anurag University

PREAMBLE

Civil engineering deals with the planning, design, construction and maintenance of the infrastructure, such as buildings, bridges, roads, highways, railways and waterways. It is embracing recent advances in technology for sustainability, safety, quality and enhanced life of infrastructure systems. Manufacturing of Cement, which is the major constituent of civil engineering constructions, is an energy intensive process and produces green-house gases. Developments have taken place to minimize the green-house gases by developing sustainable materials. Precast concrete and pre-engineered building technology, which offer enormous benefits in terms of speed, improved quality, avoiding/minimizing formwork usage and thereby bring down the construction cost, use of less labour force, created a paradigm shift in the construction industry. Many tall towers are being built to cater to the needs of the society and industry and these structures needs to be designed for wind and seismic loads to ensure safety of these structures during possible future earthquakes and cyclones. 3D printing is a major advancement in Civil Engineering construction. Advancements, such as wireless sensor networks, artificial intelligence and machine learning are being applied in civil engineering for health monitoring and damage mitigation of infrastructure systems. Geographic Information System (GIS) is becoming a vital tool for town planning and waste disposal, and building new road networks. Recent developments related to ground liquefaction, seismic response analysis of slopes, soil stabilization techniques are paving way for ensuring safety of civil infrastructure systems. The program is designed to provide in-sight into the recent advances that are taking place in design, construction, and maintenance of civil infrastructure systems.

OBJECTIVES OF SUBMIT

- To Promote Durable and Sustainable Construction Practices
- To Address Emerging Challenges in Waterproofing and Retrofitting
- To Focus on Heritage and Pre- Independence Structures
- To Strengthen Documentation and Best Practices
- To Showcase Success Stories and Case Studies
- To Bridge the Gap Between Academia and Industry.
- To Develop a Techno-Legal Framework
- To Encourage Investment and Ecosystem Partnerships
- To Provide a Platform for Technical Discourse and Capacity Building

Key highlights of summit

- Exhibition stalls
- Networking meetings
- Products opportunities
- Latest Technologies demonstrate
- Collaboration between stakeholders
- Eminent Invited Speakers
- Key Note addresses by world renowned experts

WHO CAN ATTEND?

- Research Scholars
- Academicians
- Industry Participants
- Govt.Department

For Payment:

UPI ID: 99492450241@ax
Gpay and Phone pay : +91 9949245024



Registration Link

<https://forms.gle/PE25h9JQvy9eagma8>



Registration Fee

- Students /Research Scholars: 750
- Academicians : 1000
- Industry Participant / Govr.Department : 1500
- Supporting Organization, fee concession will be there : 20%
- Concession will be offered on bulk registrations

Keynote speakers



Dr. Ramachandra V
President, Indian Concrete Institute



Dr. P Srinivasa Reddy,
CEO, Rehab Technologies



Er. V R KOWSHIKA Director,
Qcrete Readymix (India) Pvt Ltd



Mr Rajeev Singh Bisht
Head-Technical Marketing,
Shree TMT

Invited Speakers



Prof. Ganesh Babu,
Kodeboyina, Former
director, CBRI, Roorke



Dr. N V Ramana Rao
Director, NIT, Raipur



Er. C. Shekar Reddy
National Vice-President,
IGBC CMD, CSR Estate Lts



Prof. Ramana Naik Banothu,
Chairman, IEI
Telangana State center



Er.Bheem Rao.
Jaligama Chairman,
ACCE, Hyd Central

Industry Speakers



Er. Padmakar Kodavatiganti
Consultant, ValueBuild Plus
Mumbai



Er. Nandiaka Srinivas
Regional Head –
Technical Services,
Ultratech



Mr.Sarath Kumar MLN
Regional Sales Manager
Asian Paints



Mr. Arvind Kachroo
National Manager,
M/s. MYK Arment PVT Ltd



Er. Tirtha Banerjee,
Dr. Fixit



Mr Ajay Sriram,
CEO, Manits,
Hyderabad



Mr. M Bilal M
Zonal CASC Head - South
Birla White



Mr Susheel,
Senior Manager,
MYK Laticrete
India Pvt. Ltd



Mr P.Shanker,
Manager,
ConRepair India Pvt Ltd

Note : Awaiting confirmation few from Keynote Speakers, Invited Speakers, Industry Speakers.

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