

**BANNARI AMMAN INSTITUTE OF  
TECHNOLOGY**  
Sathyamangalam - 638401

**Department of Civil Engineering**

**REGISTRATION FORM**

**TWO DAY WORKSHOP ON  
GEOTECHNICAL ENGINEERING  
ASPECTS IN DEEP EXCAVATIONS  
& FOUNDATIONS  
19 & 20 July 2018**

Name :  
Designation :  
Organization :  
Address :

Mobile number :  
E-mail :  
Registration Fee :

(The DD may be drawn in favor of "The Principal",  
Bannari Amman Institute of Technology, Sathyamangalam  
payable at Sathyamangalam - 638401.)

D.D. No. & Date :  
Bank and Branch :

Signature of the Delegate

Signature of the HoD

**Click the link for Online Registration**

<https://sites.google.com/bitsathy.ac.in/geadef/registration>

**ADVISORY COMMITTEE**

**Dr.C.Palanisamy**

Principal, BIT

**Dr.R.S.Valarmathi**

Dean Academics, BIT

**ORGANISING COMMITTEE**

**CONVENER**

**Dr. B. Soundara**

Professor & Head, Civil Engineering, BIT

**Dr.S.M. Suneethkumar**

Professor, Civil Engineering, BIT

**COORDINATORS**

**Dr.M.Vasudevan**, AP (Sl.G.) Civil, BIT

**Mrs.R.Geethamani**, AP Civil, BIT

**Mrs.V.Jayanthi**, AP Civil, BIT

**Mrs.M.Mahalakshmi**, AP Civil, BIT

**Mr. N.V.Manjunath**, AP Civil, BIT

**Mr.V.Jeevanantham**, AP Civil, BIT

**RESOURCE PERSONS**

**Dr. Kaniraj Shenbaga**

Former Prof. (IITD), University Malaysia Sarawak

**Dr. P. D. Arumairaj**

Professor & Head, Karunya University, Coimbatore

**Er.Madan Kumar Annam**

Technical Manager, KELLER, Chennai

**Er. A.Karthikeyan**

Managing Director, Karthikeyan Associates,  
Chennai

**Dr. B. Soundara**

Professor & Head, BIT Sathy

**TWO DAY WORKSHOP ON**

**GEOTECHNICAL ENGINEERING  
ASPECTS IN DEEP EXCAVATIONS &  
FOUNDATIONS**

**19 & 20 July 2018**

**Organized by**

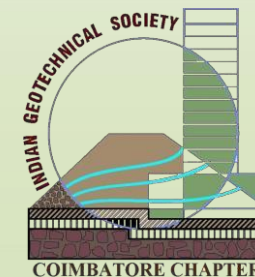


**Department of Civil Engineering**

**Bannari Amman Institute of Technology**

(An Autonomous Institution Affiliated to  
Anna University-Chennai & Approved by AICTE,  
Accredited by NBA New Delhi and NAAC with A Grade)  
Sathyamangalam-638401  
Erode District, Tamilnadu

In association with



**Indian Geotechnical Society  
Coimbatore Chapter**

## ABOUT THE INSTITUTE

Nestled near the northern bank of the river Bhavani, BIT's campus provides the right environment for learning in harmony with nature, away from the odds of city life. BIT was established by Dr. S. V. Balasubramaniam, Chairman, Bannari Amman Group in 1996. It is an Autonomous Institution affiliated to Anna University, Chennai and accredited by NAAC with 'A' Grade and all eligible Programmes have been accredited by NBA, New Delhi. BIT has excellent infrastructural facilities with landscaped courtyards and pathways and designed to emphasize the character of an excellent centre for learning. As on date BIT offers 15 U.G and 15 P.G Programmes. All Departments have been recognized by Anna University to carry out Doctoral Programmes.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering was started in the year 2001 and presently it offers under graduate program in Civil Engineering and post graduate program in Structural Engineering. The Department has qualified faculty members with excellent academic records. The Department is equipped with excellent laboratory facilities since its inception. A separate CADD lab is available with Software Packages such as Autocad 3D, 3dsmax, Rivet Architecture, STADD Pro, QE Pro, Struds, ANSYS and SAP 2000. The department undertakes a wide range of consultancy services related to the preparation of topographic maps using total stations, design of multistoreyed buildings, determination of bearing capacity of soil, testing of building materials etc. The department has conducted an International Conference, few National Conferences and many Faculty Development Programmes. It has been recognized by Anna University as a research center for conducting Ph.D. Programme. The department has undertaken research projects sponsored by AICTE, DST, SERB, TNSCST etc.

## ABOUT THE WORKSHOP

Infrastructure development is the major activity for growth of our country and foundation technologies will kick in the major construction. Since the demand has been increased for land, large-scale structures as well as grand bridges and high-rise buildings (with underground parking facility) can only hold lesser area for foundation. In the view of bearing capacity of soils, foundations are needed to be taken to the deeper level called deep foundations for support, but it is criticizing the excavations to be carried out. It requires careful design & planning especially when constructed in urban areas. Selection of retaining wall and support systems with match to the soil characteristics in deep excavations can have significant impact on safety, time, cost and performance. The objective of this two-day technical program with keynote lectures by invited experts is to impart knowledge to the participating members the appropriate approach towards deep excavation systems and deep foundation to be used in construction projects.

## WORKSHOP TOPICS

1. **Urbanization & failure case studies**
2. **Deep Excavations with support techniques**
3. **Driven & Drilled Pile Technologies**
4. **Pile types, Testing & settlement analysis**
5. **Piled raft, Well & Caisson Foundations**



## Workshop Dates: 19 & 20 July 2018

Time : 9.00 AM - 4.00 PM

Venue : ECE Seminar Hall,

Bannari Amman Institute of Technology,  
Sathyamangalam.

## REGISTRATION FEE

Industry Persons	: Rs. 900
Faculty Members & Research Scholars	: Rs. 800
IGS Life Members (Faculty & RS)	: Rs. 600
Students (UG & PG)	: Rs. 400

## ADDRESS FOR CORRESPONDENCE

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