

### **Bonafide Certificate**

Mr/Ms.....is a Bonafide student of our Institution and is hereby permitted to attend the one day workshop on "An Introduction to Rock Mechanics" on January 30,2020 at SSN college of Engineering, Kalavakkam-603110.

Date:

Place:

Signature of the  
Head of the Institution :

Office Seal:

### **Address for Communication**

**Sooraj K** (Final Year)  
Ph.no : **97899 07536**  
Mail id: **sooraj.kolamurugan@gmail.com**

**David Arunraj B** (Third Year)  
Ph.no: **88707 87899**  
Mail id: **david013@civil.ssn.edu.in**

### **Objective of the workshop**

The main objective of the workshop is to gain knowledge about the fundamentals and applications of rock mechanics in field practices.

### **Confirmed Speakers**

**Dr. P. Balamadeswaran**  
Professor,  
Department of Mining Engineering,  
CEG Campus, Anna University, Chennai.

**Dr. P. Purushothaman**  
Associate Professor,  
Department of Civil Engineering,  
SRM University, Chennai.

### **Registration Details**

Each Participant has to pay Rs.200/- (Rupees Two Hundred Only) towards registration fee by a DD drawn in favor of the Principal, SSN College of Engineering, payable at Chennai along with the registration form duly filled. Spot Registration is allowed. No TA/DA will be provided. Last date for receiving the registration form along with the DD is 27th January, 2020. Please communicate only to the address mentioned as under for communication.



**Sri Sivasubramaniya Nadar College of Engineering,**

(An Autonomous Institution-Affiliated to Anna University )

Rajiv Gandhi Salai, Kalavakkam, Chennai-603110.

**Department of Civil Engineering**

Organises

**One Day Workshop**

titled

**An Introduction to Rock Mechanics**

on

**30th January 2020**

Convener

**Dr. N. Sivakumar**

Coordinators

**Dr.S.V. Sivapriya**

**Dr. Jijo James**

### About the Institution

Sri Sivasubramaniya Nadar College of Engineering, (Autonomous) is the outcome of the Vision and initiative of Padma Bhushan Dr. Shiv Nadar, a pioneer in the field of Information Technology. The Institution certified by NAAC (A-Grade), NBA, and ISO 9001:2015 reflects the ideals of its founder and seeks to achieve excellence as an academic institution and advanced research center. The institution offers eight UG degree programmes in Civil, Mechanical EEE, ECE, CSE, IT, Chemical and Biomedical Engineering. It also offers 12 PG degree programmes in Manufacturing Engineering, energy Engineering, Communication Systems, Computer Science & Engineering, Power Electronics & Drives, Applied Electronics, Computer & Communication, VLSI design, Software engineering in addition to MBA programmes. The college has implemented an e-learning system with wifi facility throughout the campus for the benefit of the students. The institution through its dedicated management and staff members is committed to promote research and provide quality education.

### About the Department

The Department of Civil Engineering was started in the academic year 2011-12 with an aim of promoting high quality education in the field of Civil Engineering. The department has well equipped laboratory facilities and highly qualified faculty members having rich experience in teaching and industrial background. The department is aiming to transform itself into a center of excellence both in academic and research.

The department provides a right kind of environment for the students to groom themselves for innovative and challenging near future. The Department is strengthened by its motivated faculty and all our faculties are doctorates in major fields of Civil Engineering. The Department regularly organises conferences, workshops and seminars.

### About the Workshop

Rock Mechanics is the branch of mechanics that deals with the response of rocks and rock masses subjected to forces of their environment. It is a part of a broader subject called as Geomechanics, which deals with mechanical responses of all geological materials including soils and rocks. Civil Engineering graduates are usually familiar with soil mechanics as it forms a part of their core curriculum. However, their exposure to rock mechanics is rather limited despite dealing with rocks often in the field. Applications of rock mechanics in Civil Engineering include the design of rock structures in mining and drilling, reservoir production, tunnels, mine shafts, open pit mines, oil and gas wells, road cuts, water repositories and other structures either built of rock or in rock, including design of reinforcement systems like rock bolting. This workshop, thus, aims at introducing the participants to the fundamentals of rock mechanics and its applications in Civil Engineering, which will be extremely useful for Civil Engineers in their practice.

### Who may participate?

Under graduate students of civil engineering and other academic persons can participate in the workshop.

## One Day Workshop

on

## An Introduction to Rock Mechanics

### Registration form

Name:.....

Institution:.....

Department:.....

Educational Qualification:.....

Year of study:.....

DD No:..... Date:.....

Bank:.....

Address for Communication:  
.....  
.....

Mobile No:.....

Email:.....

Date:.....

Place:.....

Signature of the Applicant