### Model Course Description

**Code & No.**: CE 4891

**Course Title**: ROCK MECHANICS

**Credits**: 3 (3,1,0)

**Pre-requisite**: CE 4831 and CE 4841

**Level**: 9th or 10th

**Description**

Physical properties and classification of intact rocks. Theories of rock failure, state of stress in the earth's crust, time-dependent behavior of soft rock, compressibility, effect of geologic discontinuities on rock strength and slopes stability.

**Text Books**


**References**


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**Approval Committee**

- **Approval Date**: 1430/1431 هـ
- **Chair of the Faculty**: 
- **Chair of the Department**: 

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**Faculty of Engineering**

**Department of Civil Engineering**

**Prince Sattam bin Abdulaziz University**
Abstract—Edge computing efficiently extends the realm of information technology beyond the boundary dened by cloud computing paradigm. Performing computation near the source and destination, edge computing is promising to address the challenges in many delay-sensitive applications, like real-time human surveillance. Kacchera or Kachera (Punjabi: ਕਛੈਰਾ) are specially designed, shalwar-undergarments with a tie-knot ("naala" i.e., drawstring) worn by baptized Sikhs. They are similar to boxer shorts in appearance. It is one of the five Sikh articles of faith called the Five Ks (ਪ੍ਰਤਾਪਾਂਤ, ਪਾੜਾ ਅੰਦਲਾਂਤ, ਪ੍ਰਤਾਪਾਂਤ, ਪਾੜਾ ਅੰਦਲਾਂਤ, ਪ੍ਰਤਾਪਾਂਤ, ਪਾੜਾ ਅੰਦਲਾਂਤ), and was given from Guru Gobind Singh at the Baisakhi Amrit Sanskar in 1699. Kacchera have been worn by baptized Sikhs (Khalsa) since a mandatory religious commandment given by Guru Gobind Singh, the tenth Guru of Sikhism, in 1699.