



ECONOMICAL DESIGN OF EARTHEN DAM

Objectives:

The main objective of the workshop to have clear understanding of the components of the dam, working and design.

Specialized Faculty

Prof.N.Bhanu Sree
Smt. S.R.Patel Engineer-
ing College, Dabhi Un-
jha

Faculty Incharge :

Prof. Shailendra Singh
Civil Engineering
Department, SRPEC.

Summary:

Workshop was ar-
ranged by Civil De-

partment of S.R.Patel
Engineering College on
07th September 2018.
Workshop was ar-
ranged to have clear
Knowledge on earthen
dam and the design cri-
teria of the dam which
will give economical
and stable structure by
using the Earthen mate-
rial itself.

And the work-
shop was also focused
on the construction of
earthen dam, soil stabi-
lization, compaction
method used for the
soil to make the dam
more stable. The work-

shop also aimed to
make models of earthen
dam in the field and sta-
bility checking of the
same.

From the work-
shop students comes to
know the effect of
structural components
on the stability of the
earthen dam from the
stability checking which
has done by holding
water against the differ-
ent models prepared
and noting the time
taken by the each dam
until failure.

DETAILS OF WORKSHOP



Workshop Participants:

Workshop was organized for the students of Civil Engineering. There were 55 students in the workshop.