

DAY/DATE: Monday, 21<sup>st</sup> -24<sup>th</sup> June 2022

TIMING: 9:30 am to 5:00 pm

ORGANISED FOR: Faculty Members

SUBJECT –EDGE Software Training

Guest –EDGE TRAINERS: Prof. Nandita, Prof.Vasudevan Kadayil

CO-ORDINATED BY: Asso.Prof Priya. Bangle, BVDU COA, Pune -43

NUMBER OF FACULTY ATTENDING THE EVENT: 04

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BVDU COA Institution has collaborated with IFC and will be offering the ‘Designing for Greater Efficiency’ (DFGE) course to their undergraduate B.Arch and graduate M.Arch students by incorporating the content developed by IFC in their architecture curriculum.

The Institute has been nominated by your institution to be trained to deliver the DfGE Course and we are pleased to confirm your participation in the upcoming Training of Trainers (ToT) program from June 21 -24, 2022 at Dr. Bhanuben Nanavati College of Architecture (BNCA), Pune.

Designing for Greater Efficiency [DfGE] is a course offered by the International Finance Corporation (IFC), a member of the World Bank Group, to promote awareness and understanding of green building among university students, the leaders of tomorrow, and enable them to design resource-efficient architecture. The ToT program is designed to train tutors of higher education institutes (HEI) to deliver DfGE with high-level educational content to the students at their respective institutions in the domain of climate-friendly energy-efficient built habitat.

Venue for ToT Program : Dr.Bhanuben Nanavati College of Architecture For Women (BNCA)

Venue Address: Dr. Bhanuben College of Architecture for Women MKSSS Campus, Cummins College Rd, Dnydeep Colony, Hingne Budruk, Karve Nagar, Pune, Maharashtra 411052

Contact Person: Nandita

Mobile: +91-9845984158

Email: nlnu20@ifc.org

Mode of Program: In-Person Mode

Program Conducted by:

1. Vasudevan R Kadalayil (Senior Architect, Building Sustainability Expert and World Bank Consultant on Green Building Codes for Indonesia and Colombia)
2. Autif Sayyed (Senior Architect, Building Sustainability Expert, South Asia Lead for Green Buildings, Climate Business Department, IFC - World Bank Group)
3. Nandita (Senior Architect, Academician & Author, DfGE Course & Green Building Learning Program Lead, Climate Business Department, IFC - World Bank Group)

## Schedule for Program:

**DAY 1 – 21 June 2022 (Tuesday) Timings 9.30 a.m – 5.00 p.m**

### Timings Duration

DAY 1 – 21 June 2022 (Tuesday)		Timings 9.30 a.m – 5.00 p.m
Timings	Duration (in Minutes)	Agenda
9.30 a.m – 10.00 a.m	30	Registration of Participants and submission of Form A and B
10.00 a.m – 10.30 a.m	30	Introduction to the program, schedule, instructions Introduction of faculty and participants Group formation for exercises
10.30 a.m – 11.00 am	30	<b>Module 1.1 : Introduction to Resource Efficiency in Buildings</b>
11.00 a.m – 11.15 a.m	15	Break
1   ToT Program, Pune, India – 21 to 24 June 2022		
11.15 a.m – 12.15 p.m	60	<b>Module 1.2 : Introduction to Edge</b>
12.15 p.m – 12.45 p.m	30	Introduction to Module Exercises and working with Edge App + Complete exercises of Module 1 and related discussions
12.45 p.m – 1.45 p.m	60	Lunch
1.45 p.m – 3.15 p.m	90	<b>Module 2 : Form, Skin and Climate</b>
3.15 p.m – 3.30 p.m	15	Break
3.30 p.m – 4.30 p.m	60	<b>DfGE_Localization_Skin_Climate_Form_v1</b> Complete exercise of Module 2 + Introduction to Final Design



**Participants during the training** Priya Bangle, Sunil Terdalkar, Chetan Kamble, Amey Naphade

**DAY 2 – 22 June 2022 (Wednesday) Timings 9.30 a.m – 5.00 p.m**

## Timings Duration

DAY 2 – 22 June 2022 (Wednesday) Timings 9.30 a.m – 5.00 p.m

Timings	Duration (in Minutes)	Agenda
9.30 a.m – 10.00 a.m	30	Discussion about Module 1 & 2 exercises + Final Design Exercise and related discussions
10.00 a.m – 11.00 a.m	60	<b>DfGE_Localization_Cooling_Comfort_Ventilation_v1</b>
11.00 a.m – 11.15 a.m	15	Break
11.15 a.m – 12.45 p.m	90	<b>Module 3 : HVAC &amp; Control</b>
12.45 pm – 1.45 pm	60	Lunch
1.45 p.m – 3.15 p.m	90	<b>Module 4 : Daylighting &amp; Lighting System</b>
3.15 p.m – 3.30 p.m	15	Break
3.30 p.m – 5.00 p.m	90	Complete exercises in Module 3 & 4 and related discussions Participants will work on the Final Design Exercise in groups with Resource Person available for clarifications.



Participants during the training: Priya Bangle, Sunil Terdalkar, Chetan Kamble, Amey Naphade

**DAY 3 – 23 June 2022 (Thursday) Timings 9.30 a.m – 5.00 p.m**

DAY 3 – 23 June 2022 (Thursday) Timings 9.30 a.m – 5.00 p.m

Timings	Duration (in Minutes)	Agenda
9.30 a.m – 11.00 a.m	90	<b>Module 5 : Water &amp; Materials</b>
11.00 a.m – 11.15 a.m	15	Break
11.15 a.m – 12.45 p.m	90	<b>Module 6 : Making the Business Case</b>
12.45 pm – 1.45 pm	60	Lunch
1.45 p.m – 3.15 p.m	90	Complete exercises in Module 5 & 6 and related discussions
3.15 p.m – 3.30 p.m	15	Break

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3.30 p.m – 5.00 p.m	90	Participants will work on the Final Design Exercise in groups with Resource Person available for clarifications.
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**DAY 4 – 24 June 2022 (Friday) Timings 9.30 a.m – 2.00 p.m**

## Timings Duration

DAY 4 – 24 June 2022 (Friday) Timings 9.30 a.m – 2.00 p.m

Timings	Duration (in Minutes)	Agenda
9.30 a.m – 11.00 a.m	90	Discussion about Module 1, 2, 3, 4, 5 & 6 exercises + <b>Presentation of Final Design Exercise &amp; related discussions</b>
11.00 a.m – 11.15 a.m	15	Break
11.15 a.m – 12.45 p.m	90	<b>Presentation of Final Design Exercise &amp; related discussions</b>
12.45 p.m – 1.00 p.m	15	Awarding of Participation Certificates
1.00 pm – 1.15 pm	15	<b>Post-Course Survey form, Closing Discussion and Program Wrap up</b>
1.15 p.m – 2.00 p.m	45	Lunch



Participants from various Universities for the EDGE SOFTWARE Training





Certificate Received by Priya Bangle for completion of Course



MKSS Cummins College of Engineering  
Pune, Maharashtra, India  
FRQ9+746, Dnydeep Colony, Hingne Budrukh, Karve Nagar,  
Pune, Maharashtra 411052, India  
Lat 18.48821°  
Long 73.817691°  
24/06/22 12:04 PM



MKSS Cummins College of Engineering  
Pune, Maharashtra, India  
FRQ9+746, Dnydeep Colony, Hingne Budrukh, Karve Nagar,  
Pune, Maharashtra 411052, India  
Lat 18.48821°  
Long 73.817683°  
24/06/22 12:06 PM

Certificate Received by Sunil Terdalkar and Amey Naphade for completion of Course



Certificate Received by Chetan Kamble for completion of Course

These Trained Teachers will deliver content to 120 students and certify them for EDGE Software Training.

REPORT SUBMITTED BY:

Industry Institute Interaction and Collaboration

Priya. Bangle, Associate Professor,

BVDUCOA, Pune-43