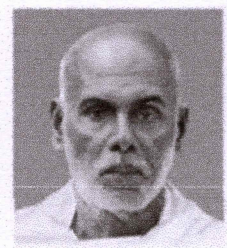


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**Sree Narayana Guru College
of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



DEPARTMENT OF CIVIL ENGINEERING

Presents

5 DAY HANDS ON TRAINING ON

ADVANCED DESIGN TECHNIQUES

Faculty coordinators

Mr. Akhil v

Mr. Abhishek C V

Student coordinators

Ms. Jinsha C P

Ms. Athira K V

Venue: CE Seminar Hall

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

15-04-2019 to 19-04-2019



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON ADVANCED DESIGN TECHNIQUES

SCHEDULE


DAY	TIME	TOPICS
Day 1 (15-04-2019)	9.00 am to 12 pm	Inaugural session & Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic: Environmental Impact Assessment
	1.00 pm to 4.00 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic: Planning Principles Population and Demand Rates Demand Calculations
Day 2 (16-04-2019)	9.00 am to 12 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic: Water Treatment Plants, Pumping Stations
	1.00 pm to 4.00 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic: System Component - Transmission Mains And Distribution Systems
Day 3	9.00 am to 12 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic : Design Hydraulic Modelling and Analysis - Network Design Economic


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(17-04-2019)		Calculations
	1.00 pm to 4.00 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic : Water Hammer Analysis and Pipe Selection Longitudinal Section, Valves and Appurtenances
Day 4 (18-04-2019)	9.00 am to 12 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic : Water System Component
	1.00 pm to 4.00 pm	Expert talk by Dr. Leena A V Assistant Professor SNGCET Topic : Estimation and Rate
Day 5 (19-04-2019)	9.00 am to 12 pm	Expert talk by Mrs. Shilpa Valsakumar Assistant Professor SNGCET Topic : Construction Management - Site Mobilization and Laydown area Construction Activities
	1.00 pm to 4.00 pm	Expert talk by Mrs. Shilpa Valsakumar Assistant Professor SNGCET Topic : Valuation and Bill Payment - Quality Control


Coordinator


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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON ADVANCED DESIGN TECHNIQUES

SYLLABUS

DAY	TOPICS
Day 1	Introduction – Environmental Impact Assessment - Planning Principles Population and Demand Rates Demand Calculations
Day 2	Water Treatment Plants, Pumping Stations, Transmission Mains and Distribution Systems
Day 3	Design Hydraulic Modelling and Analysis - Network Design Economic Calculations Water Hammer Analysis and Pipe Selection Longitudinal Section, Valves and Appurtenances
Day 4	Water System Component - Estimation and Rate
Day 5	Site Mobilization and Laydown area Construction Activities - Valuation and Bill Payment - Quality Control


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DEPARTMENT OF CIVIL ENGINEERING

LIST OF PARTICIPANTS

Sl. No.	NAME
1	AISWARYA JAYAKUMAR
2	AKSHAY C P
3	AMAL RAJ E N
4	ANJANA K
5	ANUSHA M
6	ANUSREE K
7	ANUSREE M
8	ANUSREE K K
9	ARJUN BABU M
10	ATHIRA K V
11	ATHIRA KRISHNAN K P
12	AYUSHRAJ P P
13	DRISHYA K
14	FARHANA SHERIN K
15	FATHIMA ABDHULLA KUNHI
16	GOPIKA G K
17	HARIKRISHNA SATHYARAJ
18	JINSHA C P
19	JINSHARAJ K V
20	JOYSON MATHEW

Leena
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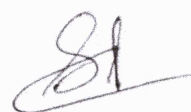
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26	NITHIN T V
27	PRANAV K K
28	PRASHOB KRISHNAN C
29	RAZMIYATH MOHAMMED RAFI
30	SAHADA V P
31	SAHLA ABOOBACKER
32	SAHLA C A
33	SARATH P P
34	SHIFA AMEER
35	SNEHA P V
36	SREYA JAYARAJAN M K
37	SUDHINA RAJ K
38	VARNA A
39	VIDYA BALAKRISHNAN K P
40	VISHNU VIMAL



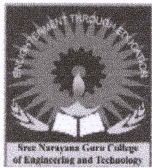
Coordinator



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**SREE NARAYANA GURU COLLEGE OF ENGINEERING &
TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

Report on Workshop on Advanced Design Techniques

Date: 15th April 2019 to 19th April 2019

Venue: CE Seminar Hall

Conducted by: Department of Civil Engineering

Faculty Coordinators: Mr. Akhil V and Mr. Abhishek C V

Student Coordinators: Ms. Jisna C P and Ms. Athira K V

The Advanced Design Techniques Workshop held at Sree Narayana Guru College of Engineering & Technology from 15th to 19th April 2019, conducted by the Department of Civil Engineering, was an insightful and enriching experience for all participants. Under the adept coordination of the faculty and student coordinators, the five-day workshop provided a comprehensive hands-on training session in water system design.

The workshop aimed to equip participants with practical skills and theoretical knowledge essential for designing efficient water systems. Through a structured curriculum and hands-on activities, participants delved into various aspects of water system design, including:

Understanding water distribution networks.

Designing pipelines and pumping systems.

Hydraulic analysis and modeling.

Sustainable water management practices.

Workshop Highlights:

Expert Guidance: The workshop benefitted greatly from the expertise of Mr. Akhil V and Mr. Abhishek C V, who provided valuable insights and guidance throughout the sessions. Their in-depth knowledge and experience in civil engineering enriched the learning experience for all participants.

Interactive Sessions: The workshop included interactive sessions where participants engaged in discussions, case studies, and problem-solving exercises. This interactive approach fostered a conducive learning environment and encouraged active participation from all attendees.

Hands-on Training: One of the standout features of the workshop was the hands-on training sections, where participants had the opportunity to apply theoretical concepts to real-world scenarios. This practical experience was invaluable in enhancing understanding and skill development.

Student Involvement: The involvement of student coordinators, Ms. Jisna C P and Ms. Athira K


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V, played a crucial role in the success of the workshop. Their dedication, organization, and leadership skills ensured smooth proceedings and active engagement from participants.

Comprehensive Curriculum: The workshop covered a wide range of topics relevant to water system design, ensuring that participants gained a holistic understanding of the subject. From basic principles to advanced techniques, the curriculum was well-structured and comprehensive.

In conclusion, the Advanced Design Techniques Workshop at Sree Narayana Guru College of Engineering & Technology was a resounding success, thanks to the meticulous planning, expert guidance, and active participation of all stakeholders. Participants emerged from the workshop with enhanced skills, practical knowledge, and a deeper appreciation for the complexities of water system design. Such initiatives play a crucial role in preparing future engineers to address the challenges of sustainable water management effectively.


Coordinator


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DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE SHEET


Sl. No.	NAME	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
1	AISWARYA JAYAKUMAR	Aisw	Aisw	Aisw	Aisw	Aisw
2	AKSHAY C P	Akshay	Aksh	Aksh	Aksh	Aksh
3	AMAL RAJ E N	Amal	Amal	Amal	Amal	Amal
4	ANJANA K	Anjan	Anja	Anja	Anja	Anjan
5	ANUSHA M	Anusha	Anush	Anush	Anush	Anush
6	ANUSREE K	Anusree	Anusre	Anusre	Anusre	Anusre
7	ANUSREE M	Anusree	Anusre	Anusre	Anusre	Anusre
8	ANUSREE K K	Anu	Anu	Anu	Anu	Anu
9	ARJUN BABU M	Arjun	Arjun	Arjun	Arjun	Arjun
10	ATHIRA K V	Athira	Athira	Athira	Athira	Athira
11	ATHIRA KRISHNAN K P	Athira	Athira	Athira	Athira	Athira
12	AYUSHRAJ P P	Ayush	Ayush	Ayush	Ayush	Ab.
13	DRISHYA K	Drishya	Drishya	Drishya	Drishya	Drishya
14	FARHANA SHERIN K	Farah	Farah	Farah	Farah	Farah
15	FATHIMA ABDHULLA KUNHI	Fathma	Fathma	Fathma	Fathma	Fathma
16	GOPIKA G K	Gopika	Gopika	Gopika	Gopika	Gopika
17	HARIKRISHNA SATHYARAJ	Harish	Harish	Harish	Harish	Ab.
18	JINSHA C P	Jinsha	Jinsha	Jinsha	Jinsha	Jinsha
19	JINSHARAJ K V	Ab	Ab	Ab	Ab	Ab
20	JOYSON MATHEW	Ab	Ab	Ab	Ab	Ab

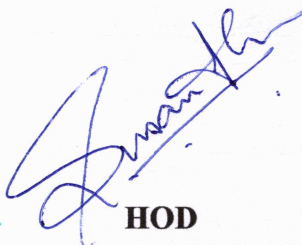
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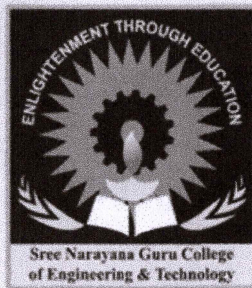
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23	M P M OMER RIZVI KURIKKAL	MP	MP	MP	MP	MP
24	NIHITHA LOHITHAKSHAN K	Nib	Nib	Nib	Nib	Nib
25	NILUFAR FATHIMA	Ab	Nib	Nib	Nib	Nib
26	NITHIN T V	NH	NH	NH	Ab	NH
27	PRANAV K K	Pr	Pr	Pr	Pr	Pr
28	PRASHOB KRISHNAN C	Ab	Pr	Pr	Pr	Ab
29	RAZMIYATH MOHAMMED RAFI	Raz	Ab	Raz	Raz	Raz
30	SAHADA V P	ash	ash	ash	ash	ash
31	SAHLA ABOOBACKER	Sahla	Sahla	Sahla	Ab	Ab.
32	SAHLA C A	Sahla	Sahla	Sahla	Sahla	Sahla
33	SARATH P P	Sarath	Sarath	Sarath	Sarath	Sarath
34	SHIFA AMEER	Shifa	Ab	Shifa	Shifa	Shifa
35	SNEHA P V	Sneha	Sneha	Sneha	Sneha	Sneha
36	SREYA JAYARAJAN M K	Sreya	Sreya	Sreya	Sreya	Ab.
37	SUDHINA RAJ K	Sudhi	Ab	Sudhi	Sudhi	Ab.
38	VARNA A	Varna	Varna	Varna	Varna	Varna
39	VIDYA BALAKRISHNAN K P	Viya	Viya	Viya	Ab	Viya
40	VISHNU VIMAL	Vish	Vish	Vish	Vish	Vish


Coordinator

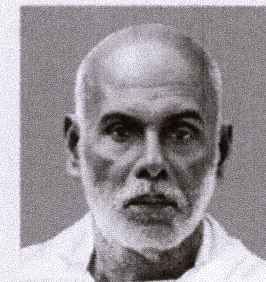

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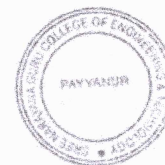
CERTIFICATE OF PARTICIPATION

This is to certify that **AKSHAY CP** of SNGCET has attended the 5 day e workshop on **Advanced Design Techniques** organized by the **Department of Civil Engineering, Sree Narayana Guru College of Engineering & Technology** held from **15-04-2019 to 19-04-2019**

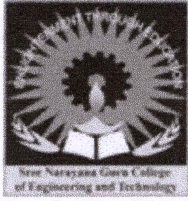
Co-ordinator

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KANNUR

Head of the Department



Principal




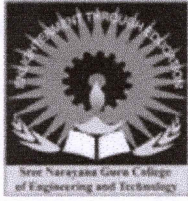
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FEEDBACK FORM

	Excellent	Good	Fair	Poor
1. Overall how would you rate the training class?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How would you rate the trainer's communication and presentation skills	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were the interactive elements engaging and beneficial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Did you receive enough opportunity for questions and clarification during the session	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Did this class meet your expectation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Were the hands-on activities beneficial in understanding concepts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Did the workshop offer practical strategies or tools that you can readily apply	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Were the technical aspects during the workshop satisfactory	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Rate the level of interaction between the facilitator and participants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Did the workshop covers emerging trend or advancements in the field	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


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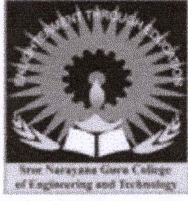
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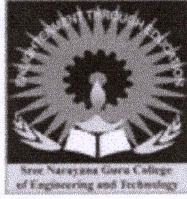
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Leena

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Amal Raj E.N
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Leena

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