

**B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
KALYAN**

CERTIFICATE COURSE



**B. K. BIRLA COLLEGE (Autonomous), KALYAN
DEPARTMENT OF ENVIRONMENTAL SCIENCES**

Certificate Course on Designing Of Effluent Treatment Plant

DESIGNING OF EFFLUENT TREATMENT PLANT (Total 30 hrs.)	
THEORY (27 hrs.)	
Water Pollution: Sources, Types, Causes	2 hrs.
Treatment of wastewater: Primary Treatment	2 hrs.
Treatment of wastewater: Secondary Treatment	2 hrs.
Treatment of wastewater: Tertiary Treatment	2 hrs.
Concept of CETP	1 hrs.
Designing of Primary Treatment Plant	6 hrs.
Designing of Secondary Treatment Plant	6 hrs.
Designing of Tertiary Treatment Plant	6 hrs.
PRACTICAL (3 hrs.)	
Practical on determination of water characteristics; pH, conductivity, COD, BOD, total solids.	3 hrs.
Total	30 hrs.

DESIGNING OF EFFLUENT TREATMENT PLANT

(Total 30 hrs.)

Aims

- This short term course will address the quality characteristics of water sources from industry and explain the relevant treatment technologies for making water reusable.
- They will learn about the testing and system design details required for creating the optimum water reuse system.
- The focus would be more on the basics of design & operation of ETP.

Objectives: The course will help the participants understand:

- Recognize wastewater treatment technologies applied to industrial waste treatment and analyze industrial waste schemes from case studies presented from a diverse range of industries
- Define and implement cleaner production activities, industrial water management strategies for pollution and toxicity prevention
- Design a wastewater treatment sequence of treatment processes to treat an industrial effluent stream.
- Integrate wastewater treatment processes and sludge handling and disposal in the design on an industrial waste treatment process for a selected industry
- Cost optimization by using latest technologies and practices

PLUENT
Types, Car
ary Trea
ary Trea
Treatmet

PLUENT

3. K. B. PART
ate Co

(For Offi

B.K. BIRLA COLLEGE (AUTONOMOUS), SCIENCE AND COMMERCE, KALYAN
DEPARTMENT OF ENVIRONMENTAL SCIENCES
LIST OF STUDENTS FOR CERTIFICATE COURSE ON
"DESIGNING OF EFFLUENT TREATMENT PLANT"

SR NO	NAMES	GENDER
M.SC. PART 1 ENVIRONMENTAL SCIENCES		
1	MS. MALGI POORNIMA LAXMAN	FEMALE ✓
2	MS. KHARAT SMRUTI SUNIL	FEMALE ✓
3	MR. MALI JITENDRAKUMAR RATANLAL	MALE ✓
4	MR. SHAIKH ABDULLA SHAKIB	MALE ✓
5	MR. ZUNJARROA GITESH ARJUN	MALE ✓
6	MR. PANDEY SAURABH KAMLESH	MALE ✓
7	MS. DEVLEKAR AISHWARYA DEVLEKAR Komarant	FEMALE ✓
8	MS. JAYKAR TEJASHREE ARUN	FEMALE ✓ sign →
9	MS. DESALE ASHWINI MOHANRAO	FEMALE ✓
10	MR. LATAM RAJESH PUNDLIK	MALE ✓
11	MS. TADE KOMAL VASANTA	FEMALE ✓
12	MS. YADAV SHRUTI BIPIN	FEMALE ✓
13	MS. SHINDE MANGAL RATAN	FEMALE ✓
14	MS. ZALTE AISHWARYA SUBHASH	FEMALE ✓
15	MR. SHINDE SACHIN BALKRUSHNA	MALE ✓
16	MR. SONGAL RAMDAS YASHWANT	MALE ✓
17	MR. KEDARE VINIT JAIDEO	MALE ✓
18	MR. YADAV SHEKHAR HANAMANT	MALE ✓
19	MR. KOLI DNYANESHWAR AMSIDDHA	MALE ✓
20	MR. WAYAL VIJAY DASHARAT	MALE ✓ sign
21	MS. KUMBHAR PRITI MOHAN	FEMALE ✓
22	MS. JADHAV SIDDHI SUNIL	FEMALE ✓
23	MR. BHOIR GANESH VAMAN	MALE ✓
24	MS. MAHAJAN GAYATRI PRAKASH	FEMALE ✓
25	MS. SHAIKH ROMANA	FEMALE ✓
26	MR. MANNA DEBABRAT	MALE X
M.SC. PART 2 ENVIRONMENTAL SCIENCES		
1	MS. CHAVAN AMISHA RAM	FEMALE ✓
2	MR. BHALERAO AMIT SANJAY	MALE ✓
3	MS. SIDDIQUI AFREEN	FEMALE ✓
4	MR. BERDE SHUBHAM DEVENDRA	MALE ✓
5	MS. KHAN ZEBA NAFEES	FEMALE ✓
6	MS. RUQAIYA SHAOAB KHARBE	FEMALE ✓
7	MS. SUNITA PRASAD	FEMALE ✓
8	MS. JOSHI RUCHA ABHAY	FEMALE ✓
9	MS. YADAV TWINKLE ASHOK	FEMALE ✓
10	MS. NAZIA PRAVEEN SAYEED AHMED	FEMALE ✓
11	MS. SAWANT SMITA SANJAY	FEMALE ✓
12	MR. GAHARE AKSHAY SURESH	MALE ✓
13	MR. PRATO DENZIL NOEL	MALE ✓
14	MR. MANKAME SANAY JAGDISH	MALE ✓
15	MS. REEMA YADAV	FEMALE ✓
16	MS. SABLE UZMA ABDUL RAZA	FEMALE ✓
17	MS. PASWAN ARCHANA HARIVANSH	FEMALE ✓
18	MS. BARDI MAHEEN EJAZ	FEMALE ✓

✓ Vignesh Hair Nayak

MALE ✓

B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN
DEPARTMENT OF ENVIRONMENTAL SCIENCES
CERTIFICATE COURSE ON DESIGNING OF EFFLUENT TREATMENT PLANT
ATTENDANCE RECORD

Sr. No.	Name of Student	Signature of student	Sr. No.	Name of Student	Signature of student
1	Sameer Masume - P-II		26	Aishwarya R. Devlekar P-I	
2	Shubham Berde - P-II	S.D. BERDE	27	Tejashree A. Jaykar P-I	
3	Malveen Bansali - P-II		28	Poojima Malgi P-I	
4	Keema Yadav - P-I		29	Ashwini Desale P-I	
5	Amisha R. Chavan - P-II		30	Mangal R. Swinde P-I	
6	Smita Sawant - P-II		31	Ganesh Y Bhoir P-I	
7	Archana Paswan P-II	Archana	32	Dnyaneshwar Koli P-I	
8	Akenay S. Gahere P-II		33	Rajesh latam P-I	
9	Chan Zeba Nafis P-II		34	Shelkhar Yadav P-I	
10	Amit Sanjay Bhalerao P-II		35	Siddhi Jadhav P-I	
11	Twinkle Ashok Yadav (P-II)		36	Crayatri Mahajan P-I	
12	Rucha A. Joshi P-II		37	Jitendra mali	
13	Kharke. Rupaia (P-II)		38	Vijaymesh Nayak MscP-II	
14	Saurabh Pandey (P-I)		39		
15	Girish A. Zunjare (P-I)		40		
16			41		
17			42		
18	Abdulla S. Shaikh P-I		43		
10	Smriti Yadav P-I		44		
20	Komal Tade - P-I		45		
21	Aishwarya Zalte P-I		46		
22	Gitesh A. Zunjare P-I		47		
23	Saurabh Pandey		48		
24	Vinit Kedari		49		
25	Smriti Kharat		50		

Date: 2/3/19 Time: 11:00^{am} to 1:30^{pm} Name of Faculty:

Roshani Salunkhe

Sign:

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MALGI POORNIMA LAXMAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

KHARAT SMURTI SUNIL

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MALI JITENDRAKUMAR RATANLAL

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SHAIKH ABDULLA SHAKIB

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

ZUNJARROA GITESH ARJUN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

PANDEY SAURABH KAMLESH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL



B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

DEVLEKAR AISHWARYA RAMAKANT

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

JAYKAR TEJASHREE ARUN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL



B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

DESALE ASHWINI MOHANRAO

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

LATAM RAJESH PUNDLIK

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

TADE KOMAL VASANTA

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

YADAV SHRUTI BIPIN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SHINDE MANGAL RATAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

ZALTE AISHWARYA SUBHASH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SHINDE SACHIN BALKRUSHNA

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SONGAL RAMDAS YASHWANT

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

KEDAS VINIT JAYDEO

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

YADAV SHEKHAR HANAMANT

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

KOLI DNYANESHWAR AMSIDDHA

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

WAYAL VIJAY DASHARAT

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

KUMBHAR PRITI MOHAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

JADHAV SIDDHI SUNIL

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

BHOIR GANESH VAMAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL



B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MAHAJAN GAYATRI PRAKASH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SHEIKH ROMANA

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MANNA DEBABRAT

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

CHAVAN AMISHA RAM

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

BHALERAO AMIT SANJAY

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MALGI POORNIMA LAXMAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MALGI POORNIMA LAXMAN

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

KHAN ZEBA NAFEES

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

RUQAIYA SHAOAB KHARBE

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SUNITA PRASAD

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

JOSHI RUCHA ABHAY

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

YADAV TWINKLE ASHOK

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL



B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

NAZIA PARVEEN SAEED AHMED

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SAWANT SMITA SANJAY

**FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF
EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL
SCIENCES FOR THE YEAR 2018-19**

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

GAHARE AKSHAY SURESH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

PRATO DENZIL NOEL

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

MANKAME SANJAY JAGDISH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

REEMA YADAV

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

SABLE UZMA ABDUL RAZA

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

PASWAN ARCHANA HARIVANSH

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

BARDI MAHEEN EJAZ

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL

B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF PARTICIPATION

IS PRESENTED TO

VIGNESH NAYAK

FOR COMPLETING 30 HOURS TRAINING IN CERTIFICATE COURSE ON 'DESIGNING OF EFFLUENT TREATMENT PLANT', ORGANIZED BY DEPARTMENT OF ENVIRONMENTAL SCIENCES FOR THE YEAR 2018-19

DR. SONAL TAWADE
HEAD OF THE DEPARTMENT

DR. AVINASH PATIL
PRINCIPAL