



COLLEGE OF ENGINEERING & TECHNOLOGY

(APPROVED BY AICTE AND AFFILIATED TO UNIVERSITY OF CALICUT /
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY)



NSS-REPORT



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PRINCIPAL
ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
AKKIKAVU

ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON WATER QUALITY ANALYSIS OF KADANGODE PANCHAYATH UNDER KWRS(JAL JEEVAN MISSION)

As per the meeting conducted on 27th of November 2020 with the Jalanidhi officials regarding the Institutional Collaboration with KWRS in the drinking water and sanitation projects for Rural areas in Kerala, as a first stage it was decided to conduct the water quality analysis of Kadangode panchayath. The following dates were decided for conducting the training and water quality analysis as per the meeting conducted by the Panchayath with the RCET staffs and Jalanidhi officials.

Date for Training- 20/01/2021

Date for water quality analysis- 23rd, 24th and 25th January 2021

TRAINING:

The training for the water quality analysis of Kadangode panchayath was conducted on 20/01/2021. About 75 students from the Civil Department, RCET and 20 volunteers from the panchayath participated in the training. The training was inaugurated by Kadangode Panchayath President Ms.Meena Sajan.

The following officials were present on the occasion along with students and volunteers

1. Mr. Hyder Ali (CEO, RCET)
2. Mr. P S Purushothamen(Kadangode Panchayath Vice President)
3. Ms.Amrutha M Chemmanur(Principal In Charge, RCET)
4. Mr. Nasser Yunus(HOD – CE, RCET)
5. Mr. Jijo Joseph (IEC specialist RPMU, Jalanidhi, Idukki)
6. Mr. Johny P K (Manager, Rain cell PMU, Jalanidhi, Trivandrum)
7. Ms. Lakshmi (Project Commissioner, Jalanidhi)
8. Mr. Vinod Kumar (Chemist, KWA)
9. Mr. Sabu George (Jalanidhi official)
10. Mr. Felix(Jalanidhi official)

The training was conducted by Mr. Vinod Kumar (Chemist, KWA) in two sessions. The morning session was theory class followed by practical class in the afternoon session. In the morning session he explained about the importance of water quality parameters, their harmful

effects, the permissible limit of each parameter and how to measure it. The class was very interesting and motivating. The practical class was conducted in the after the lunch. In that session he explained the experiments to be conducted and introduced the test kit for each parameter. All the students and volunteers actively participated in the training.



Inauguration



Theory Class



Practical class

WATER QUALITY ANALYSIS

The water quality analysis for Kadangode panchayath was conducted on 23rd, 24th and 25th January 2021 at Mar Philexinos Memorial Upper Primary School Marathencode. The water quality testing was inaugurated by Kadangode Panchayath President Ms.Meena Sajan. About 72 students and 15 volunteers participated in the work and 856 samples were tested in the three days. The work was smoothly conducted due to the active participation of students and volunteers and also the supervision of Jalanidhi Officials. The following students participated in the work.

NAME LIST OF STUDENTS

SEMESTER 7 (2017-21 batch)			SEMESTER 5 (2018-22 batch)		
SL. NO	REGISTER NO.	NAME	SL. NO	REGISTER NO.	NAME
1	RCE17CE001	AJMAL HAMEED VATTATHOOR	1	RCE18CE001	AHALYA SANTHOSH
2	RCE17CE002	AMEENA SALEEM	2	RCE18CE003	AMAL SUNDHARAN
3	RCE17CE004	ARDRA MOHAN	3	RCE18CE004	ANANDHU M
4	RCE17CE005	ARSHAD	4	RCE18CE005	ANJU AJAYAN
5	RCE17CE006	ASHILI ZAM ZAM P P	5	RCE18CE006	ANSHIFA K
6	RCE17CE008	DILNA FARHEEN V P	6	RCE18CE007	ARJUN T M
7	RCE17CE009	DIVYA P K	7	RCE18CE008	ASHHABSULTHAN M V
8	RCE17CE010	FAATHWIMA MARJANA	8	RCE18CE009	ATIKA FARHEEN
9	RCE17CE012	GOKUL VIJAY T	9	RCE18CE010	FADILA P V
10	RCE17CE013	GREESHMA M G	10	RCE18CE011	FAYIS V
11	RCE17CE014	HANNA	11	RCE18CE012	HARITHA
12	RCE17CE016	JUMANA E V	12	RCE18CE013	HASHIM MOHAMMED K P
13	RCE17CE018	LISAN ALI K V	13	RCE18CE014	HENNA NESRIN P M
14	RCE17CE019	MOHAMED RUSHAID M T	14	RCE18CE015	HUSNA RAHMAN R V
15	RCE17CE020	MUHAMMED HASIR	15	RCE18CE016	MAJIDA M
16	RCE17CE021	NAJMA FARSANA	16	RCE18CE019	MOHAMMED NASEEB
17	RCE17CE022	POORNIMA RAJU	17	RCE18CE020	MOHAMMED SHIBILY M V
18	RCE17CE023	RAHEES K M	18	RCE18CE021	MUFEEDEHA JASMIN
19	RCE17CE025	SAFWAN A	19	RCE18CE023	MUZAMMIL AHAMED
20	RCE17CE026	SHAJAS K	20	RCE18CE024	NADEEM T V
21	RCE17CE027	SHERIN SHAHANA	21	RCE18CE025	NASLA NAZEER M
22	RCE17CE028	SHERIN THESNEEM	22	RCE18CE026	NAVANEETH KRISHNA C S
23	RCE17CE029	SIDRAH ABDURAHIM	23	RCE18CE027	NEHA JEFIRIN V J
24	RCE17CE032	VISMAYA M	24	RCE18CE028	NIDHA SHIRIN NAZAR
25	LRCE17CE035	HARISANKAR K P	25	RCE18CE029	NINSHA FEBIN

26	LRCE17CE037	HARITHA RAJ K
27	LRCE17CE038	KARTHIKA V M
28	LRCE17CE039	NIVEDHYA C S
29	LRCE17CE040	PRABHISHA PRAKASH C P
30	LRCE17CE041	SANJAY P
31	LRCE17CE043	VISHNU PRASAD V P
32	RCE16CE049	SHAHMA

26	RCE18CE030	NISHAL V BASHEER
27	RCE18CE031	NOUFILA C
28	RCE18CE032	PRANAVE P
29	RCE18CE033	RAMEESA JASMIN P
30	RCE18CE035	RENUKA P
31	RCE18CE036	SHADIYA SHAMSUDHEEN
32	RCE18CE037	SHAFEED P K
33	RCE18CE038	SHAFIN AHAMED C
34	RCE18CE039	SHAFREEBA V S
35	RCE18CE042	SHUHAIBUDHEEN C
36	RCE18CE043	SONA P
37	RCE18CE045	SWETHA K M
38	RCE18CE047	THASLEEMA V M
39	RCE18CE048	V M VARSHA
40	LRCE18CE049	AJITH K



Inauguration



Sample collection desk



Sample testing



Sample testing



Sample testing



Sample testing



Sample testing



Concluding the program



KERALA RURAL WATER SUPPLY & SANITATION AGENCY

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KRWSA-PMU/96/2020-TA1 (HR)

04/09/2020

From

The Executive Director,
KRWSA.

To

The Director/ Principal,

Royal College of Engg. & Technology,
Chiramanangad (P.O), Thrissur.

Dear Madam/Sir,

Sub: - KRWSA – Request for supporting the engineering activities in the implementation of Rural Water Supply Programme- reg:

Greetings from KRWSA!!!

Kerala Rural Water Supply and Sanitation Agency {KRWSA} is an autonomous institution under water resources department, Govt. of Kerala. KRWSA has successfully implemented two phases of Jalanidhi Project with financial assistance from the World Bank. Core principles of this project are demand driven, community participation by way of capital investments sharing and full operations and management. The Agency has so far completed 5886 schemes in 227 Grama Panchayaths across Kerala and these schemes are presently owned and operated by the user communities.

Recently Government of India has launched Jal Jeevan Mission, a flagship programme of GOI which aims to provide functional house hold taps {FHTCs} to every rural households in India by 2024, with key priorities in ensuring ownership among the user communities by way sharing 10 % of capital cost and also ensuring the sustainability of water supply infrastructure. It also ensures Capacity Development of user communities by building required skills, imparting knowledge and thereby ensuring the efficient and scientific operations and management of RWSS.

In our state KRWSA has been mandated to implement the Jal Jeevan Mission programme in 127 Grama Panchayaths across Kerala at present. Majority of these Grama Panchayaths are located in nine districts in north and central Kerala. Convergence of local resources is key element inbuilt in the programme. Recently the Additional Chief Secretary, Water Resources

To
Prj. Nasser Khan
A&D-Civil.
[Signature]

Department had suggested exploring the possibility of connecting the Engineering Colleges in the state in the programme by involving students and faculty members of Civil Engineering Department in development activities. During the implementation of the programme the students can be used to conduct engineering surveys, preparation of Detailed Engineering Reports, assisting community based water quality monitoring and surveillance programmes which will be hands on experience building for the upcoming engineering graduates.

Hence, I request you, if your esteemed institution is willing to associate with KRWSA in the implementation of the Jal Jeevan Mission Programme. You may please express your willingness through an official confirmation latest by 18th of September 2020. You can also nominate a faculty member as nodal point for communication/liaison with KRWSA. If further require any clarification please feel free to contact Mr. M. Premlal, Director {HRD} over phone or email.

Mr. Premlal.
Office Phone: - 0471-2337002 / 3 / 5
Mobile: - 8281112005.
Email:-
dhrdjalanidhi@gmail.com.

Thanking you

Yours faithfully,

Sd/-

JOSHI MRUNMAI SHASHANK IAS, ED KRWSA, O/O ED KRWSA

Approved for Issue

Director (HR), KRWSA

Dept is willing to the program.
Attn: to Shri Mr. Shoy.
Nomination: Mr. Shoy.
16/09/20

Reference to Subject cited, we the Royal College of Engineering & Technology, Aikkaru, is willing to associate with KRWSA in the implementation of Jal Jeevan Mission Program. Our nodal point for communication is Assistant Professor T.S. Shoy.