



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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DEPARTMENT OF CHEMISTRY

REPORT ON ALUMNI CONTRIBUTION

KLEF/ CHEM / IQAC - STUDENT/ SQ.9/ Alumni Contribution

KL Chem Neon Lights- Alumni Association

Date: 30-01-2021

Time: 12:00 PM to 1: 00 PM

Link: <https://meet.google.com/ctj-pybf-zie>

Number of faculty attended: 9

Number of students and scholars attended: 30

Number of Alumni attended: 11

Name of the activity: Guest Lecture by alumnus Ms. P. Vasundhara on "Defluoridation of water using biosorbents"

Summary:

Water is one of the most vital components for all forms of life and is indispensable to the maintenance of life on the earth. Water may be contaminated by natural sources and by individual effluents. One of which contaminant is fluoride as it has profound effect on teeth and bones. Defluoridation is the adjustment of level of fluoride in drinking water to the optimal level. Various methods like precipitation methods, ion- exchange process, membrane filtration process, nano filtration, electro- coagulation and Adsorption are used for defluoridation. Many biosorbents are used for the process. The alkali treated *M. oleifera* seed powder was found better than acid *M. oleifera* seed powder for fluoride ion removal. The removal by adsorption increases as the pH value increases.

Shanmukh Dasari is presenting

Talk on:
DEFLUORIDATION OF WATER USING BIOSORBENTS

By Our Alumni: Ms. P. Vasundhara

Alumni Reconnect

Nobody is bothered about an institution more than its alumni.
N.R. Narayana Murthy.

chunchu tejaswi has left the meeting

KL Chem Neon Lights- Alumni Meet

Turn on captions

Shanmukh Dasari is presenting

KL Chem Neon Lights- Alumni Meet

Turn on captions

Shanmukh Dasari is presenting

21

12:29 PM

You

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Present now

Faculty In Charge

Head of the Department