

### 2.3.1 Student centric methods supporting documents.

Sr. No.	Supporting Document	Year of activity	Document Link
1.	Field work	2019-20	2
2.	guest lecture.	2019-20	13
3.	Tablet distribution.	2019-20	18
4.	Student project.	2019-20	23
5.	Student seminar.	2018-19	32
6.	Industrial tour.	2017-18	38
7.	Soil testing laboratory.	2016-17, 2017-18, 2018-19.	41

## **Report on field work at Marine national park, positra, Jamnagar.**

Biology department of our institute organized field work at Positra, Jamnagar during the academic year 2019-20. India's first Marine Wildlife Sanctuary and first Marine National Park were created here in the Gulf of Kutch in 1980 and 1982, respectively. This was a leap forward in societal and governmental consciousness about interacting with the natural world. The sanctuary covers 458 sq km, of which the park covers 163 sq. km. It is an archipelago of 42 tropical islands along the northern coast of Jamnagar district and the southern coast of Kutch.

Some of the finest coral reef fringe islands are found at Pirotan, Narala, Ajad and Positara, often a surprise even to Gujaratis. There are 52 coral species, 42 of them hard and 10 of them soft. Coral is made of millions of colorful little animals called polyps, bound together by algae and other plants, in a variety of intriguing shapes and formations. The polyps breathe out carbon dioxide, while the binding plants release oxygen, with a high nutrient turnover equivalent to a tropical rainforest. The rock-like formations provide shelter and safe breeding grounds for various tiny marine species in hiding from larger predators.

There are 7 species of mangroves here, performing vital functions such as maintaining the balance between salt and fresh water systems, and protecting the coast from erosion. The mangrove trees can be identified by their peculiar roots, which reach up through the mud and out of the water.

**Field work by zoology department at Positra.**















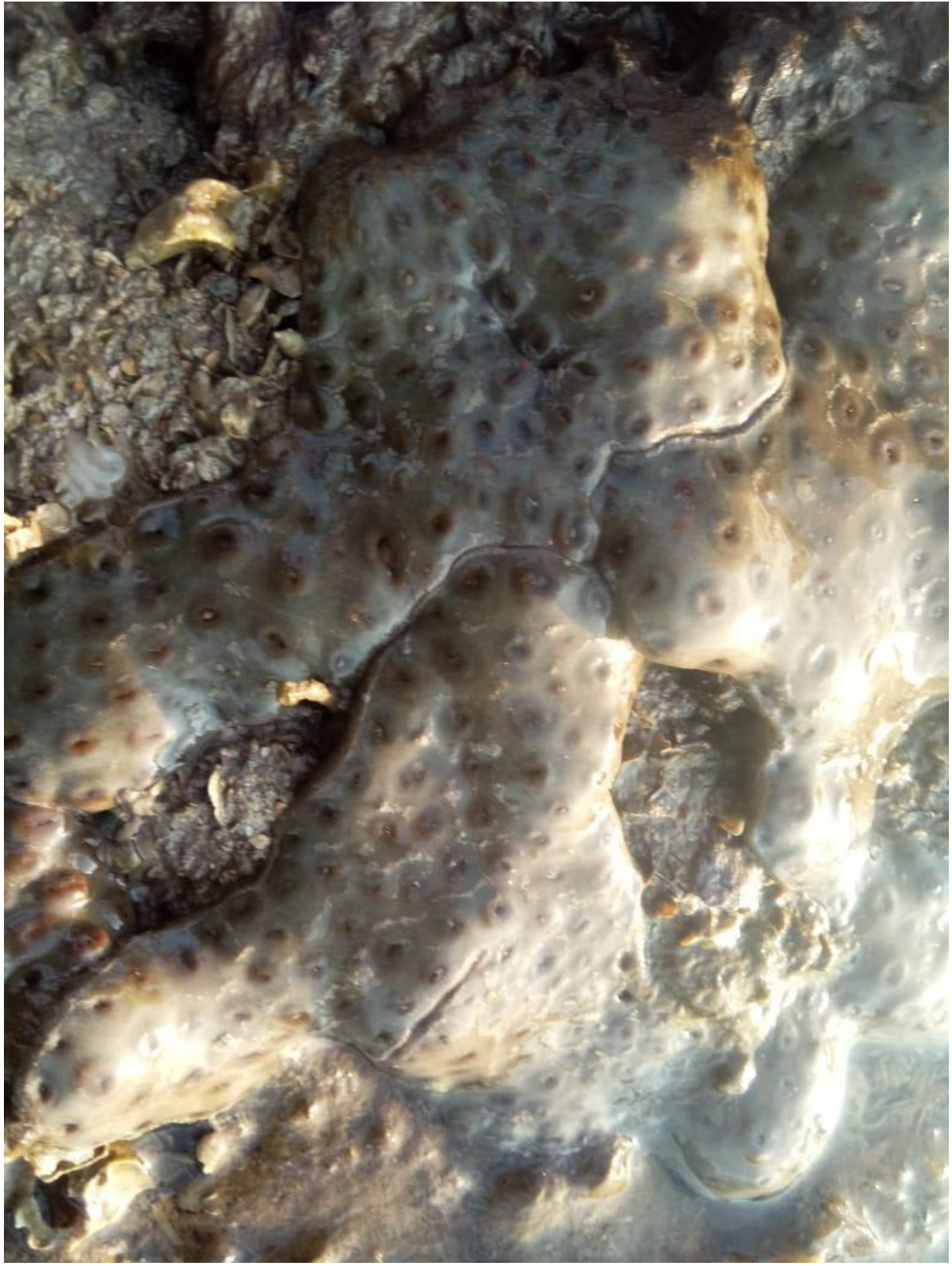






















## Guest lecture

Various industrial as well as academic guest lectures organized by the institute. Resource persons are invited from reputed institutes and industries such as RK university - rajkot and IT department - Rajkot. Guest lecturers can provide great benefits to the students and can be a great tool for the betterment of the class. In a guest lecture, students get new perspectives and opinions that are often missed in a regular class. A guest lecture gives students a better opportunity to learn about an explicit topic in a way that gets them involved in the class and actively join in a more convenient way of teaching.

The outcome of a Guest lecture also depends on the interest, willingness and motivation of the students. Some students seize the opportunity and start practicing what they learn in lectures and build an advanced skill set which helps them in their future.

### Industrial guest lecture.













## **Tablet distribution.**

Through the implementation of the E-Tablet Scheme Gujarat, free tablets will be provided to the students of our colleges. Poor and middle-class families will get tablets so that they can better assist in their higher studies. Hence poor and middle-class students will get this benefit. The plan will ensure that students are better accustomed to technology and are able to use these tools to aid their educational objectives. You will have to make a grant of Rs 1000 at the time of admission to the college to get the tablet. It is a token price and is one of the cheapest rates at which this device has been made available. This tablet is actually 8000 rupees, the rest of which will be paid by the government as a subsidy.



### Tablet distribution work













## **Student Project**


For final year BSc student project is one of the subjects for 100 marks credit in their course. Usually, when students apply for a job interview in MNC's and any of the corporate companies, the first thing they prefer in students is the academic project. Hence it is more important for their career. Usually, a final year project is the best guide to a student's career path. A good academic project enhances a student's percentage of degree. In the same way, good marks in your project work attract and divert the interviewer's attention to you. Additionally, projects that are research-based and industry oriented tremendously increases weightage to a student's resume.

Here are some certificates of final year projects:

## Student Project.

Roll No :- 5310  
SHREE D.K.V. ARTS&SCIENCE COLLEGE, JAMNAGAR  
Enrolment No :- 00310176335

SHREE D.K.V. ARTS AND SCIENCE COLLEGE  
JAMNAGAR



**CERTIFICATE**

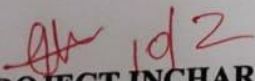
THIS IS TO CERTIFY THAT

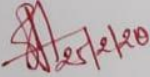
**FALDU BHAGYA**

ROLL NO: 5310, EN. NO- 003101176335, A STUDENT OF 6<sup>TH</sup>  
SEMESTER, T.Y. B.Sc. CHEMISTRY SHREE D.K.V.COLLEGE  
JAMNAGAR, AFFILIATED TO SAURASHTRA UNIVERSITY, HAS  
SATISFACTORILY SUBMITTED A REPORT  
ON

Formation of oil from deoilcake & hydrogenation of oil

DATE OF SUBMISSION: .....

  
PROJECT INCHARGE

  
HEAD OF DEPARTMENT

HEAD  
Department of Chemistry  
D. K. V. Science College  
Jamnagar

2



**GREEN CHEMISTRY OF BIOFUEL**  
SHREE D. K. V. ARTS& SCIENCE COLLAGE JAMNAGAR



**CERTIFICATE**

THIS IS TO CERTIFY THAT

JADEJA ANJALIBA V.

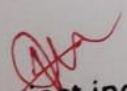
With Roll no 5306 and ENROLLMENT no 003101176378

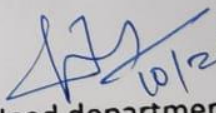
Student of B. SC. (chemistry) semester -VI from shree

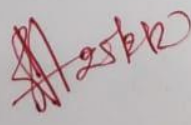
D.K.V Arts&Science collage -jamnagar Saurashtra university

GREEN CHEMISTRY OF BIOFUEL

Date of submission : 2020

  
Project incharge.

  
Head department

  
HEAD  
Department of Chemistry  
D. K. V. Science College  
Jamnagar





**D. K. V. ARTS & SCIENCE COLLEGE  
JAMNAGAR**



**CERTIFICATE**

THIS IS TO CERTIFY THAT


**TARUN B. SANTOKI**

ROLL NO: 5569, ENROLLMENT NO. - 13030101362 A STUDENT OF 6<sup>TH</sup>  
SEMESTER, T. Y. B. Sc. CHEMISTRY, SHREE D. K. V. COLLEGE JAMNAGAR, SAURASHTRA  
UNIVERSITY, HAS SATISFACTORILY SUBMITTED

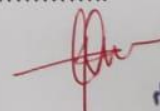
A REPORT ON

**“ANTI HIV DRUGS”**

DATE OF SUBMISSION: .....

  
14/3/16

PROJECT IN CHARGE

  
Head  
Dept. of Chemistry  
D. K. V. College  
JAMNAGAR

HEAD OF DEPARTMENT



# D.K.V. ARTS & SCIENCE COLLEGE JAMNAGAR

## CERTIFICATE

THIS IS TO CERTIFY THAT

*NAKUM BABULAL D.*

SEAT NO:

ROLL NO: 5525, ER. NO-13030101240 A STUDENT OF 6<sup>th</sup> SEMESTER,

T.Y. B.Sc. CHEMISTRY D.K.V. COLLEGE JAMNAGAR,

SAURASHTRA UNIVERSITY,


HAS SATISFACTORILY SUBMITTED A REPORT

ON

**"ANTI CANCER DRUGS"**

DATE OF SUBMISSION:.....

PROJECT IN CHARGE

  
HEAD OF DEPARTMENT  
Dept. of Chemistry  
D. K. V. COLLEGE  
JAMNAGAR



SHREE D.K.V. ARTS AND SCIENCE COLLEGE



-JAMNAGAR



## CERTIFICATE

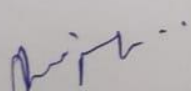
This is to certify that

NAKUM VIMAL D.

With enrolment no. 003101171667, Roll No. 5454 student of B.sc. (Chemistry), semester – 6 from shree D.K.V. arts & science college – Jamnagar Saurashtra University he has satisfactorily submitted a report on

“NaCl”

DATE OF SUBMISSION: -10-2-2020

  
PROJECT INCHARGE

  
7/5/20

  
HEAD OF DEPARTMENT

HEAD  
Department of Chemistry  
D. K. V. Science College  
Jamnagar



Shree D.K.V. Arts & Science College, Jamnagar



## CERTIFICATE

This is to certify that

**Darshankumar Dhirajbhai Thummar**

With Enrollment No. **003101175683**, student of B.Sc. Chemistry, Semester - 6 from Shree D.K.V. Arts & Science College, Jamnagar affiliated by Saurashtra University, Rajkot. He has satisfactorily submitted a report on **"Study And General Information Of Textile Chemistry"**

Date of Submission: 10 - 02 - 2020

Project  
Charge

POCO

SHOT ON POCO F1

Head of in  
Department

HEAD  
Department of Chemistry  
D. K. V. Science Collage  
Jamnagar

**D.K.V. ARTS & SCIENCE COLLEGE  
JAMNAGAR**



**CERTIFICATE**

**THIS IS TO CERTIFY THAT**

**KAPURIYA MEET K.**

**ROLL NO.5378, EN.NO.003101176423, A STUDENT OF 6<sup>TH</sup>  
SEMESTER T.Y. B.SC CHEMISTRY SHREE D.K.V.  
COLLEGE JAMNAGAR,**

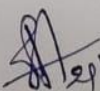
**AFFILIATED TO SAURASHTRA UNIVERSITY, HAS  
SATISFACTORILY**

**SUBMITTED A REPORT ON**

**“GROUNDNUT OIL”**

**DATE OF SUBMISSION :-** 10/02/2020

**PROJECT IN CHARGE**

 29/12/20

**HEAD**

**OF**

**DEPARTMENT**

  
**HEAD**  
**Department of Chemistry**  
**D. K. V. Science College**  
**Jamnagar**

**POCO**

SHOT ON POCO F1



**SHREE D.K.V. ARTS & SCIENCE COLLEGE**  
**JAMNAGAR**



THIS IS CERTIFY THAT

**DHRUVRAJSINH L. ZALA**

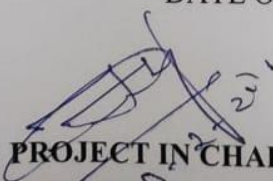
ROLL NO - 5335 & ENROLLMENT NO - 003101176590

A STUDENT OF 6<sup>TH</sup> SEMESTER, T.Y.B.SC. CHEMISTRY  
SHREE D.K.V. ARTS & SCIENCE COLLEGE, JAMNAGAR  
AFFILIATED TO SAURASHTRA UNIVERSITY HAS  
SATISFACTORILY

SUBMITTED A REPORT ON

**“HYDROGEN FUEL & ENERGY”**

DATE OF SUBMISSION: 10-02-2020

  
**PROJECT IN CHARGE**

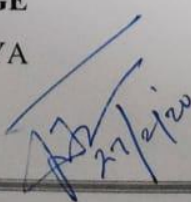
DR. JAYESH C. JAVIYA

  
**HEAD OF DEPARTMENT**

DR. JIGNESH H. PANDYA

**POCO**

SHOT ON POCO F1

  
**HEAD**  
**Department of Chemistry**  
**D. K. V. Science College**  
**Jamnagar**

### **Student seminar.**

Student seminar is the part of theory internal evaluation of students. In this, students choose one of the topics of their syllabus and represent it in the seminar. Seminars improve the confidence among the individual. Students do a lot of research work to gather information and in the process read and get to understand concepts. Students are updated with the knowledge and at the same time gain confidence about the subject. Seminars will help the students to assess themselves and improve in the areas in which they were lacking.



### Student seminar.















### **Industrial tour Activity Report**

Industrial tour was organized for the final year BSc Chemistry students Of The Year 2017-18 in this tour total of 115 students participated the tour target was to include knowledge of various analytical instruments situated in the R K University Campus Rajkot. The student was given information on different functionality of different instruments. This tour helped the student to gather knowledge and information that were helpful in their theoretical syllabus.

**Industrial tour By Chemistry department at RK University, Rajkot.**









## **Report on soil testing laboratory**

Soil health card project is an innovative initiative of the government of Gujarat started in 2010. This is an “Earn while Learn’ initiative for BSc students. Students who are enrolled in final year B.Sc. were allowed to work in soil health card projects. During their tenure and depending upon the number of samples they analyse in the given year they were given remunerations which would help them to maintain their personal economic conditions. All above this, they were gaining knowledge about analysis of soil samples, solution preparations, leadership, time management, team work etc.

Below table describes the details of this project in our institute.

Sr. No.	Year	Total number of sample	Total number of parameters.	Total number of soil health cards.	Number of student participants.	Total Grant in rupees.
1.	2016-17	15142	12	32270	44	35,88,366/-
2.	2017-18	9198	12	50695	56	19,51,815/-
3.	2018-19	13126	12	59950	39	18,65,102/-

Soil testing laboratory.

















