

7.3 College distinctiveness

College distinctiveness

➤ Botanical garden with medicinal and rare plants

D.V. V College owns most beautiful and green campus in Jamnagar. There is wide variety of plants throughout the college. But many ornamental as well as some plants related to curriculum of Botany subject were not available in the college. For the purpose an initiative was taken by Principal Dr. R.U. Purohit. By the hard work and enthusiasm of Biology department a Botanical garden was established in our college on 20 July 2020 during covid lockdown period. There were lots of obstacles in foundation as the place was full of wild plants and not even. Mr. Umesh Thanki (Rt. Bank Officer) came forward in help and provides us manpower and vision. We also felt financial crisis for structural support and basic needs as our college is Government and there was no extra financial support for that. To overcome all pros and cons Principal Dr. R.U. Purohit and many faculties of arts and science department as well as group of old students and Jamnagar Municipal Corporation came forward. As a result of hard work a beautiful Botanical garden with more than 125 medicinal, rare and ornamental plants was established. The garden contains some of the plants like

• <i>Madhuka indica</i>	• <i>Adenonia digitata</i>	• <i>Cissus quadrangularis</i>
• <i>Bixa orellana</i>	• <i>Anacardium occidentale</i>	• <i>Pandanus odoratissimum</i>
• <i>Couropitaganensis</i>	• <i>Psidium guava</i>	• <i>Piper nigrum</i>
• <i>Gymnema sylvestre</i>	• <i>Terminalia catappa</i>	• <i>Cinnamomum</i>
• <i>Piper betel</i>	• <i>Phyllanthus emblica</i>	• <i>Manihot esculenta</i>
• <i>Anona reticulata</i>	• <i>Terminalia arjuna</i>	• <i>Litchi chinensis</i>
• <i>Butea monosperma</i>	• <i>Saraca asoka</i>	• <i>Santalum album</i>
• <i>Areca catechu</i>	• <i>Caryota urens</i>	• <i>Mimosa pudica</i>
• <i>Vitex negundo</i>	• <i>Adhatoda vasica</i>	• <i>Cassia fistula</i>

A tour to Botanical garden



First plant with name tag



Organic manure



Plants just arrived



Watering



Principal sir doing hard work



Biology department



Mr. Thanki with Principal sir



Mr. Thanki taking care of plants



Faculties and staff at the garden site



Newly planted christmas tree



Guidance and supervision

SCI-NAT CLUB

To perform the activities related science, nature and to provide students better understanding about importance of science and nature. The vision of the club is to inculcate love and respect towards nature and college. It also motivates them towards cleanliness. The main objective of this activity is to get equal importance to nature along with science.

The basic idea behind this club was to create awareness about nature, to do plantation and keep the campus plastic free.

The clear idea of the project was to keep students active in relation to nature and its conservation.

In this modern age, D.K.V. is a unique endeavor for the human being to give as much importance to science as it does not forget its own contribution to nature and its importance. The club was established in 2015 by the faculties of Chemistry department.

- Dr. J.H. Pandya
- Prof. V.N. Joshi
- Dr. K.A. Joshi
- C.N. Gandhi
- K.A. Kanzariya
- Dr. P.S. Oza
- Prof. S.N. Joshi

After transfer of many of the faculties in 2018 the club reform by addition of new members.

- Dr. J.H. Pandya
- Dr. K.A. Joshi
- Dr.P.S. Vachhani
- Dr. M. T Sharma
- Dr. S.R.Panchal
- Dr. Foram Patel

The club is an official club of our institution. The naming of the club is done by clubbing two words SCI- from Science and NAT- from Nature hence the club is said to be SCI-NAT CLUB.

Following activities are the main attraction of SCI-NAT CLUB

- Tree plantation
- Nature tour
- Science tour
- Quiz competition

- Seminars
- Drawing competition
- Science test
- Science and nature magazine
- Notice board with useful information
- Snake show
- Bird watching

The SCI-NAT CLUB also run small library with science magazines and yearbooks of science and environment. Lectures are also organized by faculties about environment and nature. The green landscape beside Chemistry department is due to SCI-NAT CLUB. Students of SCI-NAT CLUB clean the college campus and plant the saplings of varieties of tree species like Ficus, Aegle, Neem etc.

SCI-NAT CLUB follows this **"GREEN D.K.V. CLEAN D.K.V."** tag line.

Students extensively participate in all the related activities that were given. Not only plantation is done but post-plantation care is also taken by students and members of SCI-NAT CLUB. The original idea was not only plantation but also created greenery inside the campus. No particular activity was designed to be compulsory so interested students took part very enthusiastically and positively in all activities of club and perform well. This gave smoothness to the club without any hindrance to the exact motive of the club. Students from First year are enrolled into the club hence they remain members for 3 years and get maximum benefits.

The timing for the club activities are arranged in such a way that it could not disturb the education of the students. It is once or twice in a month and before college time or after college time.



Snake show

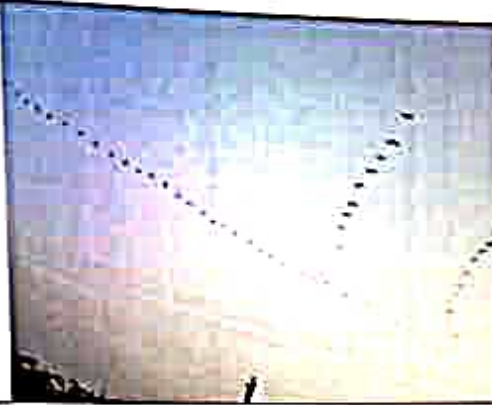


Sci-Nat students participation in Navanagar Nature club organized one day work shop on kitchen gardening and landscape. On 17-02-2019 at Dhanvantari ground



Bird watchng site

Corlas at the site



Bird watching at Bedi port Jamnagar

Sci-Nat Club activity

"Snake Show" organised at Shree D K V Arts & Science College Jamnagar

Sci-Nat club of D.K.V arranged many awareness programs related to nature and science. It was the motto of the club to break myths and reveal the truth to the students. For the purpose a "Snake show was organized as join venture of Sci-Nat club and RUSA-Comp-9 of the institute.

Snakes are one of the scariest reptilian animals on land. Sometimes death of the person occurs after snake bite due to fear rather than venomous bite of the creatures. Fear from these creatures ruled on mind of people due to many superstitions and lack of scientific knowledge or awareness regarding these animals. Hence, with aim to remove that superstition and fear from mind of every students snake show was organised at Shree D K V Arts and Science College Jamnagar. **Forest department and Lakhota Nature Club** in joint venture presented this program on 20th September, 2019. Anand Prajapati, Divyesh bhai Jethva, UmangbhaiKatramal, members Lakhota Nature Club, Zealously hosted this program.

During this program they show different types of poisonous and non poisonous snake to the students and also provide good knowledge about habit of different snakes. Knowledge regarding primary first aid treatment after snake biting, as well as how to handle situation during emergency had been provided by them. Vote to thanks was given by Dr. A.N. Upadhyaya





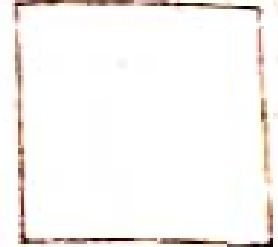
Dr.
(Dr. J. H. Pandya)
Co-ordinator
SCINAT CLUB

રજીસ્ટ્રેશન નંબર _____

SciNat Club

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

વિદ્યાર્થી રજીસ્ટ્રેશન ફોર્મ



(મહાત્મા)

(નંબર)

(વિભાગ, નામ)

નામ

અભ્યાસ (સિમેસ્ટર)

એન.ગે.એલ. નંબર

સરનામું

મોબાઇલ નંબર -

mail Id

પિતાનો વ્યવસાય

મોબાઇલ નંબર

રોમનો વિષય

વિદ્યાર્થીની સહી

માતા/પિતાની સહી

572181075-61-61-19-2018-19245

વિદ્યાર્થીએ નીચેની શરતો કાળજીપૂર્વક વાંચવી

૧. આ કલબનો મુખ્ય ઉદ્દેશ આ કોલેજમાં અભ્યાસ કરતા વિદ્યાર્થીઓમાં વિશ્વન તથા પર્યાવરણ વિશે પ્રવૃત્તિઓ દ્વારા જાગૃતિ લાવવાનો રહેશે.
૨. વિદ્યાર્થીએ કલબમાં રહેવાએ તથા માતા-પિતાની અનુમતિ સાથે જોડવાનું રહેશે.
૩. આ કલબ વિદ્યાર્થી તથા કોલેજના વિકાસ માટે કાર્યરત રહેશે.
૪. આ કલબમાં જોડાનાર દરેક વિદ્યાર્થી કલબની કામગીરી પોતાની જવાબદારી સમજીને તથા પ્રાધ્યાપકોના નિર્દેશન અનુસાર કરવાની રહેશે જેની ખાસ નોંધ લેવી.
૫. કલબના કામગીરી અકસાદિયાના રાજા સિવાયના નહીં કરેલા દિવસોમાં અધ્યાપન કાર્ય સિવાયના સમય માં કરવાની રહેશે.
૬. વિદ્યાર્થીને ખાસ મુશ્કેલી કે તેઓનું કોઈપણ મકારનું કોન્ફર્સન્સ કે અન્ય કારણે જોડાઈને પાઠ પ્રાધ્યાપકનો નિર્ણય જ માન્ય રહેશે.
૭. કલબમાં રાત્રી વિવિધ પ્રવૃત્તિ દરમિયાન કોઈ વિદ્યાર્થીને અકસ્માત કે અન્ય નુકસાન થાય તો તેની સંપૂર્ણ જવાબદારી પ્રાધ્યાપકો કે સંસ્થાની રહેશે નહીં.

ઉપરની બધીજ શરતો મેં વાંચી અને સમજી છે જેનું હું યુરતપણે પાલન કરીશ તેની ખાતરી
માનું છું.

વિદ્યાર્થીની સહી

માતા/પિતાની સહી

પ્રતિ

આચાર્ય શ્રી

ડી. કે. વી આર્ટ્સ અને સાયન્સ કોલેજ

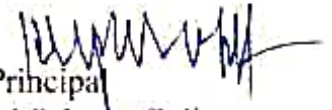
જામનગર

વિષય: કોલેજ ના SCI-NAT- CLUB ના નવા મેમ્બર્સ ની નિમણૂક જાહેર

સાહેબ શ્રી

ઉપરોક્ત વિષય અનુસંધાને આપ શ્રી ને જણાવવાનું કે વર્ષ-2018 માં ક્લબ ના ઘણા મેમ્બર્સ ની બટ્ટરી થઈ ગયેલ હોવાથી તેમજ નવા અધ્યાપકો ની નિમણૂક થયેલ હોવાથી ક્લબ ની નવરચના માટે નીચે ના અધ્યાપકો ની SCI-NAT- CLUB ના સભ્યો તરીકે નિયુક્તિ કરવા વિનંતિ

ક્રમ	નામ	સહિ
1	જે. એચ. પંડ્યા	
2	કે. એ. જોશી	
3	પી. એસ. યાદાવતી	
4	એમ. ટી. શર્મા	
5	એસ. આર. પંચાલ	
6	એફ. પી. પટેલ	


Principal
Shree D K V Arts and Science College
Jamnagar

➤ SOIL TESTING LABORATORY

The Soil testing laboratory represents distinctiveness of our college which include following objectives.

- ✓ It was the dream project of former chief Minister of Gujarat and current Prime minister of India, Shree Narendra Modi
- ✓ To provide employability to the students together with the education
- ✓ To provide information to the farmers of district about their soil health.
- ✓ To collect the data regarding the soil of the district

The dream project of our Honorable Prime Minister Shree Narendra Modi, Soil Testing Laboratory was established in 2010 during the Golden Jubilee Year of Gujarat State. Under this project soil samples were provided by District Agriculture Department. Initially only five parameters (pH, E.C., N, P & K) were analyzed. And soil health card were provided to the concern farmers.

With the help of this card farmers can know the excess or deficiency of the elements in their soil and can use best fertilizers to overcome the problems and gain maximum yield, which help them financially.

As it was the dream project no initial problems were rise. But as the project goes on some problems regarding space, instrumentation and establishment were arise. By the efforts of the team everything goes smoothly.

Department of higher education and department of agriculture Gujarat state jointly started this project in 48 science collages of Gujarat. The prime aim was to target the students studding in the science collages. The students studding in second year and third year were given training for the soil sample analysis. Without any bias students who perform best during the training were selected for the project of soil sample analysis. With that students can get valuable experience and knowledge in laboratory practices. The students were given certain amount as a remuneration which fulfills the "Earn while Learn" moto of the science collages. In 2013 micronutrients estimation was added to the project to provide information of secondary elements and micronutrients.

There are various instruments which are used in soil sample laboratory are mention below

- ✓ pH meter-03
- ✓ colorimeter-04
- ✓ flame photometer-01
- ✓ Atomic Absorption Spactrophotometer-01
- ✓ Shaker-02
- ✓ Glass wear and plastic ware

The following represents outcomes and evidence of success of soil testing project

- ✓ The work capacity of the lab is 10,000 samples/year
- ✓ The work allotment was done by Gandhinagar
- ✓ Soil of various villages of different Talukas of Jamnagar district is analysed
- ✓ Among 8 selected government collage out of 48 collages of Gujarat state shree D.K.V collage is one of them.
- ✓ 25-35 students enroll/project
- ✓ 5 projects were completed and 6th is running
- ✓ Each student get 18000-28000 Rs remuneration/project
- ✓ Up to now about 100000 samples of soil were analyzed and about 30,00,000 Rs were given to the students for remuneration.

Note: Due to pandemic soil testing laboratory is not working since-March-2019

Soil testing laboratory



Shaker



pH meter and EC meter



Flame photometer



Atomic absorption spectrophotometer



Work done



Work to do



Result of hard work



Students performing soil testing



Hard working students



➤ NODAL OFFICER

Our college is serving as Nodal officer of

Young voter awareness

- ✓ To aware youth towards voting and be the part of Indian democratic system and to provide door step facility for scholarship by Gujarat government are the main objectives of this distinctiveness.
- ✓ The college is the place where youth is coming. For their betterment in education, their involvement in elections and to provide basic information for the scholarships the college is providing such facilities into the college so students get proper knowledge and information.
- ✓ As our college is a government college so we are performing all such duties which are allotted by Gujarat government and Higher Education Department.
- ✓ Initially in any practice no problems were rise. But as the project goes on some problems regarding space, infrastructure facilities, timings and establishment were arise. By the efforts of the team everything goes smoothly.
- ✓ College is Nodal of young voter awareness program since 2013. And doing great job as for the same. Enrolling students in first year B.A or B.Sc. are just 17 year old. Approximately 1200 to 1000 students per year are enrolled in the college, so it is the place to aware youth for their rights and duties.
- ✓ Campus ambassador amongst the students is also appointed to attract young voters. The college also play vital role for checking and correction of new voter ID card applications. The following represents outcomes and evidence of success of this distinctiveness.
- ✓ A lecture also organized for online registration of students for new voter ID card
 - ✓ Most of the students having their voter ID card and play vital role in elections.
 - ✓ Students actively participate in all the programs arranged by college hence being aware for voting.
 - ✓ Students can also understand their rights and duties for nation
 - ✓ Maximum students benefited by various scholarships provided by Gujarat Government.

Young voter awareness program



College representative explains online registration process for Voter ID card



Students online registration



Problem solving



Happy faces