



Placement Brochure 2019

B.TECH (Agricultural Engineering)
M.TECH (Agricultural Engineering)

**FOR CLASS
2018-19**



College of Agricultural Engineering and Technology,
Anand Agricultural University, Godhra-389 001. Gujarat (INDIA)

Visit of Accreditation committee from ICAR New Delhi



Compiled and Edited by
Dr. M. K. Tiwari
Asst. Professor, Head (IDE) and
Training and Placement Officer



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Dr. N. C. Patel

Ph.D. (IIT, Kharagpur)

Vice Chancellor

Message from **Vice Chancellor**

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I consider it a singular privilege to place before you the 'Placement Brochure-2019' for the final year B. Tech. and M. Tech. students that is being published out by the College of Agricultural Engineering & Technology, Anand Agricultural University, Godhra.

Agricultural Engineers deal with the technique, systems and machines for production of goods and services. To improve agricultural practices, the use of machinery and farm power must be combined with soil conservation and management to minimize erosion and improve fertility of soil. The Govt. of India set the target to double the farmer's income by 2022. It would be possible only by vast technological interventions in agriculture. Agricultural Engineer has to play very vital role for realizing Honorable Prime Minister's dream to reality by developing innovative, low cost and eco-friendly technologies which will be affordable to small and marginal farmers.

The College of Agricultural Engineering and Technology (CAET), Anand Agricultural University, Godhra has very good infrastructure, research facilities with state of art laboratories like GIS and Remote Sensing, CAD-CAM. The students are groomed through academic and research activities in the new emerging areas in agricultural engineering like micro-irrigation, remote sensing and GIS for land and water management, watershed management, precision agriculture, computer aided design, modeling and simulation techniques, natural resource management, biomass and solar energy and value addition in farm produce, etc. I believe that the current batch of students will fulfill the expectations of the society as well as industry with their skill and capabilities for alleviating many obstacles coming across agriculture.

I take this occasion to extend my heartiest welcome to all the prospective employers and best wishes to all the students for their better future endeavor.

Dr. N. C. Patel

Date : 22/12/2018



Dr. S. H. Akbari

Message from **Director of Students' Welfare**

Anand Agricultural University, Anand.


The sense of achievement and satisfaction that comes with the certainty of a job before passing out of the college/institute boosts the morale of the students and the parents. Ever enthusiastic and smart students of the College of Agricultural Engineering and Technology, Godhra of our University are ready for campus placement. As part of this process, they wish to publish "**Placement Brochure-2019**", a booklet containing the information about infrastructure, laboratories, faculty, campus activity and bio-data of B. Tech. (Ag. Engg.) and M. Tech. students. The College of Agricultural Engineering and Technology, Godhra is publishing such booklet every year to highlight their student's achievements and respective career tracks so as to enable the prospective employers known about the current batch of the students.

The CAET, Godhra is one of the accredited colleges by ICAR working under shade of Anand Agricultural University, Anand having full-fledged academic program right from UG to Ph. D. in different disciplines of Agricultural Engineering. The students of the college are take part in extra-curricular activities and some of the students also represented the University at State and National level. Organizing events in the college has led to enhancement of organizing skills.

Our Training and Placement Cell is always geared up to help our passing out students with lucrative job opportunities. With their great effort students are imparting their "Internships" and "In-plant trainings" at various National levels Training and Research Institutes and in Multi-National companies.

I wish all final year students the very best in their career and feel confident that they will make significant contributions to the industry/organization in the course of their work.

Date : 12/12/2018


(S. H. Akbari)

From the Desk of the **Dr. R. Subbaiah**
Principal and Dean



College of Agricultural Engineering and Technology
ANAND AGRICULTURAL UNIVERSITY
Godhra-389001
dean.caet@aau.in

The College believe in Dedication, Determination, Discipline & Efforts. The College at Godhra was established by Govt. of Gujarat as constituent part of Anand Agriculture University, Anand in 2008. The college is offering 4-year B. Tech in Agricultural Engineering, 2 years M. Tech and 3 years Ph D. Program in Irrigation and Drainage Engineering, Soil and Water Conservation Engineering, Farm Machinery and Power Engineering, Renewable Energy Engineering and Process and Food Engineering

This institution of higher learning immensely bestows intellect talent possessing, latest analytical, design, practical and managerial skills. Our students are groomed keeping in mind the current needs & challenges of the corporate work environment. Our Syllabus, Academic inputs & Corporate lecture series enable building foundation & thought process for a successful corporate career. Our competent faculty and the State-of-the-art

infrastructure together with compulsory eight months Student Ready Program at an industry of repute help them in developing their overall personality to meet the challenges at global level and come out with the optimum solutions. Career Guidance and Personality Development Seminars, Workshops and Guest Lectures are organized regularly to improve the performance of students in the job market. Also, to mention, we have left no stone unturned to groom our students, not only in their chosen discipline, but also broaden their mindsets and create positive attitudes thus equipping them with all qualities to make them an asset to whichever institute/organization they may join.


All the students recruited from our college have proved to be a great asset to all the companies/organizations they joined. The confidence of the Corporate has been shown in the recruitment at 100% Placement record of our institute from last four years. We thank all the corporate for their trust & faith in our institute. It is my strong belief that given an opportunity to our present graduates of this great temple of learning would maintain the same level of performance and deliver utmost efficiency to their recruiting organizations/companies.

We extend a warm invitation to the organizations/companies looking for budding engineers to visit our serene campus for a possible human resource par excellence. The placement cell at the college is involved in this process right from the beginning of the year. Be it the preparation of the placement brochure to the summer placements and the final recruitments, their efforts are always directed towards providing the best interface suited to the representatives of an institute of high repute.

At the end, I wish you all a bright prospect through interaction with your experienced teachers so as to enable you to imprint a hallmark in your career. I wish you all the very best in all your future endeavors.

We look forward to help you meet your recruitment objectives and reduce your recruitment search costs by helping you select from the pool of high quality students from the college.

Date : 25/12/2018



(Dr. R. Subbaiah)

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It is high time when 2nd green revolution knocking the door of nation which may be possible by mechanization of all types farm operations irrespective of crop and land holding, precise and efficient use of inputs including water and energy, reducing the on farm and off farm losses & doing value addition in farm produce and maximum use of non conventional sources of energy and information technology in the process of farm production. To develop, utilize, maintain and spread the technologies to meet above requirements of modern Indian Agriculture, there is high demand of skilled, motivated manpower. To cope up with these needs of nation the College of Agricultural Engineering and Technology was established in 2008 under the shade of Anand Agricultural University, by Government of Gujarat at Godhra, Gujarat. The college offers B.Tech. in Agricultural Engineering, M.Tech in Five disciplines comprising Soil and Water Conservation Engineering, Irrigation and Drainage Engineering, Farm Machinery and Power Engineering, Renewable Energy Engineering and Process and Food Engineering and Ph.D in four disciplines mainly Soil and Water Engineering, Farm Machinery and Power Engineering, Renewable Energy Engineering and Process and Food Engineering.

The college possesses a Training & Placement cell to provide personal and carrier related support to the students with special emphasis on training the students on employability skill and ultimately provide placement in various industries / organizations by arranging Campus drives. Placement cell CARE for the students CAREER by providing the maximum opportunities to explore their potentials in the right direction and look at the employability skills and try to perfectly match with the requirements of the industry. We impart training as a part of our curriculum to mould and shape the personalities and make the students employable.

- To provide Agril. Engg inputs and trained manpower in tribal regions of the state.
- To facilitate progressive farming with enhanced valued production through efficient management & utilization of natural resources such as land, water, vegetation and energy, agricultural mechanization, agricultural processing and post-harvest technology.
- To provide consultancy & advisory services to different Agricultural Industries, Government and Non-Government Institutions with synergic partnership.
- To prepare highly skilled, technically sound manpower by starting academic programmes like B.Tech., M.Tech. and Ph.D. utilized for Agril. Industries and allied agencies.
- To carry out extensive training and extension activities in the thrust areas keeping in the liaison with the different Government and Non-Government organisations to transfer the benefits to the society.

Objectives

- To develop and sustain an academic environment conducive to academic and professional excellence at par.
- To provide world class quality technical education and induce academic, research and enterprising spirit to the youths joining the institute.
- To develop a conducive environment to the technical education and research in need based new and emerging technology areas.
- To create a technology savoir-faire campus and to impart value based education.
- To network with leading national and international institutions, R&D organizations and professional bodies.
- To promote techno-entrepreneurship.
- To promote continuing education programs (CEP) to in service teachers and working professionals.
- To promote all round development of students & create a sense of social responsibility.

- To be a reputable and creditable agricultural engineering college, producing quality graduates at a competitive level in line with the international education philosophy.
- To explore research areas that will significantly contribute to the development of the state of Gujarat and nation as a whole.
- To develop an environment for personal growth, opportunity, knowledge, exposure, personal attention and career directions in line with our nation's inspiration, which is to build a generation of professionals catering to a knowledge based economy to meet global needs.
- To explore research areas that will significantly contribute to the development of the nation.

Vision



Group Photo

Faculties and Supporting Staff

Faculties and Supporting Staff



Faculties and Supporting Staff - the Sculptors of CAET

Principal and Dean

Dr. R. Subbaiah, Ph. D. (IIT, Kharagpur)

Department of Irrigation and Drainage Engineering

Dr. M. K. Tiwari, Ph D, Asst. Prof & Head
Er. S. J. Pargi, M. Tech. SRA

Department of Farm Machinery & Power Engineering

Dr. R. Swarnkar, Ph D, Prof. & Head
Dr. M. D. Vora, Ph D, Asst. Prof.
Er. R. C. Salunkhe, M.Tech, Asst. Prof.
Er. K. L. Dabhi, M. Tech, Asst. Prof.
Er. Rajesh Godhani, B. Tech, SRA
Er. Nirav Solanki, DME, Foreman Instructor

Department of Renewable Energy Engineering

Dr. D. K. Vyas, Ph D, Assoc. Prof. & Head
Er. J. J. Chavda, B. Tech, SRA

Department of Soil and Water Conservation Engineering

Dr. Pankaj Gupta, Ph D, Prof. & Head
Er. A. N. Kunapara, M Tech, Asst. Prof.
Er. Khyati Vyas, M.Tech, SRA
Mr. Anil Bamaniya, B. Sc, B Ed, Lab. Tech.

Department of Processing and Food Engineering

Dr. Navneet Kumar, Ph.D., Assoc. Prof. & Head
Dr. Neeraj Seth, Ph.D., Asst. Prof.
Er. Kamlesh. R. Jethva, M. Tech., Asst. Prof.
Er. Yagnik Yoganandi, M. Tech., SRA
Mr. P. M. Makwana, B.Sc, Chemistry, Lab Tech

Department of Basic Engineering and Applied Sciences

Er. Kapil Mandloi, M.Tech, Asst. Prof. & Head
Ms. Hetal Tanna, M.Sc., Asst. Prof.
Mr. Hardik S. Sharma, M.Phil., Asst. Prof.
Dr. Gautam J. Kamani, Ph.D. Asst. Prof.
Mr. Sachin Chinchorkar, M.Sc, Asst. Prof.
Ms. Shefali K. Modi, M.Sc, Asst. Prof.
Er. Vishal Mehra, M.Tech., Asst. Prof.
Er. Chirag Jadav, M.E. (CAD/CAM), Asst. Prof.
Er. J. Sravankumar, M.Tech., Asst. Prof.
Mr. Nilesh Prajapati, M. Sc. Lab Tech
Mr. Nilesh Patel, ITI, Mechanic
Mr. Rinkesh Talpada, ITI, Craftsman welder

Course curriculum

B. Tech (Agril. Engg.)

- a mirror for UG students

(As per IV Dean Committee, ICAR, New Delhi)

Soil and Water Engineering

- Surveying and Leveling
- Soil Mechanics
- Fluid Mechanics
- Watershed Hydrology
- Ground Water, Wells and Pumps
- Soil and Water Conservation Engineering
- Soil and Water Conservation Structures
- Irrigation Engineering
- Micro Irrigation System Design
- Drainage Engineering
- Remote Sensing & GIS Applications

Agricultural Process Engineering

- Engineering Properties of Biological Materials and Food Quality
- Crop Process Engineering
- Drying and Storage Engineering
- Heat and Mass Transfer
- Dairy and Food Engineering
- Food Packaging Technology
- Development of Processed Products and Equipments
- Food Processing Plant Design and Layout
- Agricultural Structures and Environment Control

Farm Machinery & Power Engineering

- Farm Machinery and Equipment - I
- Farm Machinery and Equipment - II
- Field Operation and Maintenance of Tractors and Farm Machinery - I
- Field Operation and Maintenance of Tractors and Farm Machinery - II Farm Power
- Tractor Systems and Controls
- Tractor Design and Testing
- Farm Power and Machinery Management
- Human Engineering and Safety

Renewable Energy

- Renewable Energy Sources
- Renewable Energy Technology
- Biomass Management for Fodder and Energy
- Design of Structures
- Design and Maintenance of Greenhouse



Course curriculum

B. Tech (Agril. Engg.)

- a mirror for UG students

(As per IV Dean Committee, ICAR, New Delhi)

Core Engineering

- Engineering Drawing
- Workshop Practice
- Workshop Technology
- Engineering Mechanics
- Thermodynamics and Heat Engines
- Theory of Machines
- Machine Design
- Strength of Material
- Refrigeration and Air Conditioning
- Machine Drawing and Computer Graphics
- Electrical Circuits
- Electrical Machines and Power Utilization
- Applied Electronics and Instrumentation

Basic Science and Humanities

- Engineering Mathematics-I
- Engineering Mathematics-II
- Engineering Mathematics-III
- Engineering Physics
- Engineering Chemistry
- Computers Programming and Data Structures
- Database Management and Internet Applications Environmental Science
- Agriculture for Engineers
- Agribusiness Management and Trade
- Entrepreneurship Development and Communication Skills
- English

Training and Research Activities

- One month Industrial Training after 4th and 6th Semester
- Four Month hands on Training in 8th semester Seminar
- Research Project

Irrigation and Drainage Engineering

- Irrigation Planning and Management
- Design of Surface Irrigation Systems
- Reclamation of Irrigated Lands
- Agricultural Drainage System
- Open Channel Flow
- GIS and Remote Sensing for Resources Management
- Water Resources System Engineering
- Irrigation Economics Planning and Management
- Water Conveyance and Distribution
- Design of Sprinkler and Micro Irrigation System
- Crop Environmental Engineering
- Design of Pumps for Irrigation and Drainage
- Ground Water Engineering
- Soil-Water-Plant Relationship
- Water Supply and Treatment
- Climate Change and Water Resources
- MASTER'S SEMINAR
- SPECIAL PROBLEM
- MASTER'S RESEARCH

Soil and Water Conservation Engineering

- Watershed Hydrology
- Design of Farm Irrigation Systems
- Soil and Water Conservation Engineering
- Ground Water Engineering
- Agricultural Drainage Systems
- Crop Environmental Engineering
- Design of Pumps for Irrigation and Drainage
- Open Channel Flow
- Flow through Porous Media
- Water Resources System Engineering
- GIS and Remote Sensing for Land and Water Resource Management
- Watershed Management and Modeling
- Land Development and Earth Moving
- Machinery
- Master's Seminar
- Special Problem
- Master Research

Course curriculum
M. Tech (Agril. Engg.)
- a mirror for PG students

Farm Machinery & Power Engineering

- Design of Farm Power and Machinery Systems
- Soil Dynamics in Tillage and Traction
- Testing and Evaluation of Tractors and Farm Equipment
- System Simulation and Computer Aided
- Problem Solving in Engineering
- Applied Instrumentation in Farm Machinery and Stress Analysis
- System Engineering and Productivity
- Farm Machinery Dynamics Noise & Vibrations
- Tractor Design
- Operations Research in Farm Power &
- Machinery Management
- Ergonomics and Safety in Farm Operations
- Engineering Properties of Biological Materials
- Agro-Energy Audit and Management
- Design and Analysis of Renewable Energy
- Conversion Systems
- Master's Seminar
- Special Problem
- Master's Research

Renewable Energy Engineering

- Solar Energy Systems
- Wind Energy Technology
- Biomass Energy Engineering
- Biogas Technology & Mechanism
- Direct Energy Conversion System
- Alternate Fuel Technology & Applications
- System Simulation And Computer Aided
- Problems Solving In Engineering
- Greenhouse Technology & Management
- Integrated Rural Energy Planning & Organization
- Heat Transfer In Solar Energy
- Energy & Environmental Engineering
- Agro Energy & Audit Management
- Design & Analysis Of Renewable Energy
- Conversion Systems

Process and Food Engineering

- Transport Phenomena in Food Processing
- Engineering Properties of Food Materials
- Advanced Food Process Engineering
- Unit Operations in Food Process Engineering
- Energy Management in Food Processing Industries
- Processing of Cereals, Pulses and Oilseeds
- Food Processing Equipment and Plant Design
- Fruits and Vegetables Process Engineering
- Food Packaging, Food Quality and Safety Engineering
- Food Quality and Safety Engineering
- Farm Structures and Environmental Control
- Storage Engineering and Handling of Agricultural Products
- Seed Drying, Processing and Storage
- Biochemical and Process Engineering
- Master's Seminar
- Special Problem
- Master's Research

Course curriculum M. Tech (Agril. Engg.)

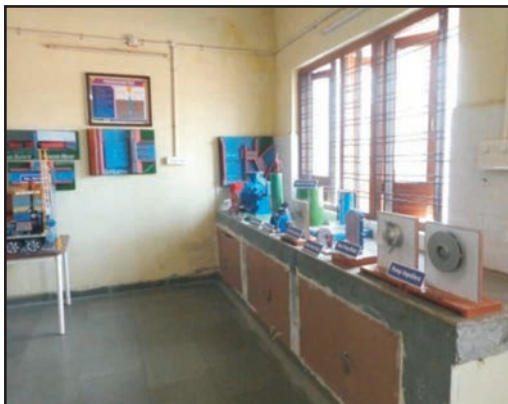
- a mirror for PG students

Laboratories

- a place of practical learning

Department of Irrigation and Drainage Engineering

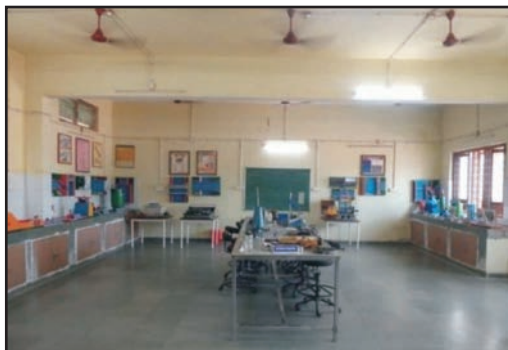
Irrigation Engineering Laboratory



Water Quality Testing Kit, Current meter, Cut section of centrifugal pump, submersible pump and Turbine pump, Positive displacement pump, Water level Indicator, Pump Testing Rig

Irrigation Engineering Laboratory

Tensiometer, Electrical Conductivity Meter, Distillation apparatus, Double Ring Infiltrometer, pH Meter



Field Visits



Department of Soil and Water Conservation Engineering

GIS and Remote Sensing Laboratory



Plotter with scanner, ERDAS Image Processing Professional Software's, Intergraph Geo media classroom Edu., Leica 3D Mouse, 3D Vision kit, ARC GIS 10, Leica Photogrammetric System 2011, MATLAB R2015a

Hydrology Laboratory



Self recording rain gauge, Digital Water Level Stage recorder, Infiltrometer Apparatus, Wind vane, Water current meter, Digital Anemometer Imported, Digital Rain Gauge, Flow probe, Automatic Digital Tipping Bucket Rain Gauge, Digital Sediment Silt Sampler, Water level indicator, Digital Sediment Silt Sampler, Open pan evaporimeter with wooden stand

Water Quality and Hydraulics & Fluid Mechanics Laboratory



Triangular & Rectangular notch tank apparatus, Hydraulic test bench with necessary accessories, Manometer apparatus (Differential, Inclined), Pitot tube apparatus, Piezometer Tube, Pelton Turbine, Tilting Flume, Multi Parameter Water Testing Kit-Digital, Turbidity Meter-Digital, Field Soil & Water Analysis Kit, Spectro photo meter, Flame photo meter, pH Meter, Conductivity meter, Bulk Density Apparatus

Department of Farm Machinery & Power Engineering

Farm Power Lab



Cut section model of Tractor, Cut section models of clutch, Gear, Differential, Brake, Steering, Hydraulic system, working model of Electrical system

Farm Machinery Lab

Manual seed drills, Manual weeders, Manual paddy transplanter, Bullock drawn seed drills and planters, Different types of sprayers and dusters, Paddy seeder



Thermodynamics and IC Engine Lab



Cut section models of SI and CI engines, working model of Four stroke engine, Cut models of boilers, working model of 5 % hp diesel engine

Implement shed

All types of tractor mounted and self propelled equipments and machineries required for tillage, planting, weeding, harvesting and threshing operations



Department of Processing and Food Engineering

Agricultural Process Engineering Lab



Banana chips making machine, Pop corn making machine, Digital pH, conductivity and temperature meter, Induction plate/cooker, Food processor Indian type, Fermenter, Bulk density apparatus, Plastic bag sealing machine, Digital seed germinator, B.O.D Incubator, Orbital platform shaker, Quick freezer/ Deep freezer, Fruit pressure tester and Homogenizer

Drying and Storage Lab

Vacuum Packaging Machine, Digital seed germinator, , Universal Moisture Testing Machine, Infrared Moisture meter, Fluid bed dryer, Tunnel dryer, Digital vacuum oven (Micro – control based), Digital muffle furnace, Plastic bag sealing machines, Freeze dryer (Lypholizer) and Digital Tray Dryer (Micro Control Based)



Post harvest Technology Lab



Rice polisher, Groundnut Decorticator, Corn flakes making machine, Sieve shaker, Oil Expeller, Multipurpose tray dryer, Air screen cleaner type seed grader, Indented cylinder type seed grader, Gravity Separator, Specific Gravity Separator, Multipurpose grain mill, Dal mill, Flour mill, Ball mill, Attrition mill, , Hand refractometer range, Willey mill, Rice Sheller, Rice miller

Fruit Process Plant

Processing plant include sorting, grading, waxing pilot plant for round fruits, retorter, homogenizer, exhaust line, mini boiler, cap sealing machine, pulper and vacuum filling machine, etc.



Department of Renewable Energy Engineering

Biomass Laboratory



Bomb Calorimeter, Platinum crucible, K-type thermocouple, Micro processor based orifice meter, Blower

Biogas Laboratory

Gas flow meter, Junkar's gas calorimeter, Orsat apparatus



Solar Laboratory



Sun shine recorder, Digital pyranometer, Net solar radiometer, Solar radiation monitor, Lux meter, Solar radiation monitor

Bio-fuel Laboratory

Bio-fuel 5 kW engine, Biodiesel plant, Exhaust gas analyzer, Flash and fire point apparatus, Cloud and pour point apparatus



Department of Basic Engineering and Applied Sciences

CAD/CAM lab



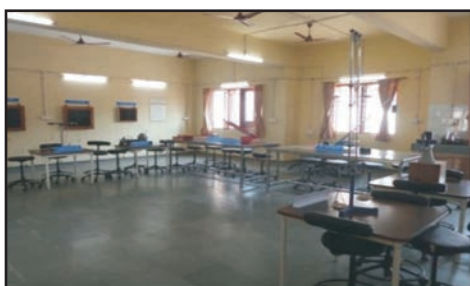
CNC Lathe m/c trainer, CNC mill m/c trainer, CAD/CAM software like Creo parametric, BOB CAD-CAM

Chemistry Laboratory



Sets up for titration, glass wares and all type of chemicals required for conducting practical's

Basic Mechanical Engineering Laboratory



Refrigerator tutor, Apparatus to verify force laws, friction laws, machine laws, Fatigue testing machine.



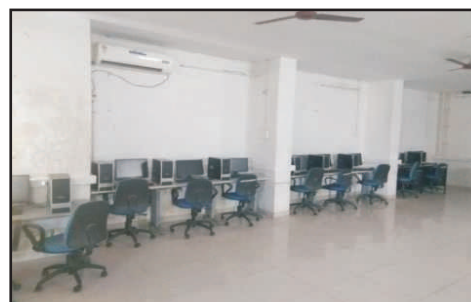
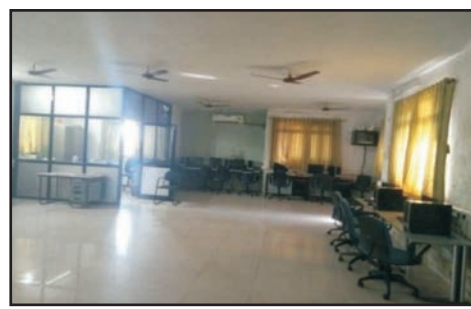
Workshop



Lathe m/c, Carpentry lathe, Shaper machine, Universal testing m/c, Sheet bending m/c, Moulding m/c, Drilling m/c, Grinding m/c



Computer Laboratory



Equipped with 50 computers and all latest language softwares

Electrical Instrumentation and Physics Laboratory



Analog lab kit, Digital storage oscilloscope, multimeter



Research and Technologies Development - a zeal of institute

All departments are extensively and continuously carrying out research activities to fulfill the needs of farmer and industry. All the students of UG (B. Tech.) and PG (M. Tech./Ph.D.) are actively involved in research activities through their research projects

No. of Project conducted
by passing out
B. Tech students in year 2018-19

Name of Deptt.	No. of Project
IDE	3
SWCE	3
FMPE	6
PFE	3
REE	2
BEAS	5

Status of PG (M. Tech) Students till date

Name of Deptt.	No. of students Enrolled	No. of students passed out	No. of students doing M. Tech
FMPE	23	14	09
SWCE	27	12	15
PFE	10	04	06
REE	03	00	03
IDE	03	-	03
Total	66	30	36

Status of PG (Ph.D.) Students till date

Name of Deptt.	No. of students Enrolled	No. of students passed out	No. of students doing M. Tech
IDE	03	-	03
SWCE	04	01	03
FMPE	06	03	03
PFE	04	-	04
REE	01	01	-
Total	18	05	13

No. of Recommendations released

Name of Deptt.	For Farming/Industry Community	For Scientific Community	Total
IDE	-	3	3
SWCE	-	3	3
FMPE	11	1	12
PFE	1	-	1
REE	1	-	1
Total	13	7	20

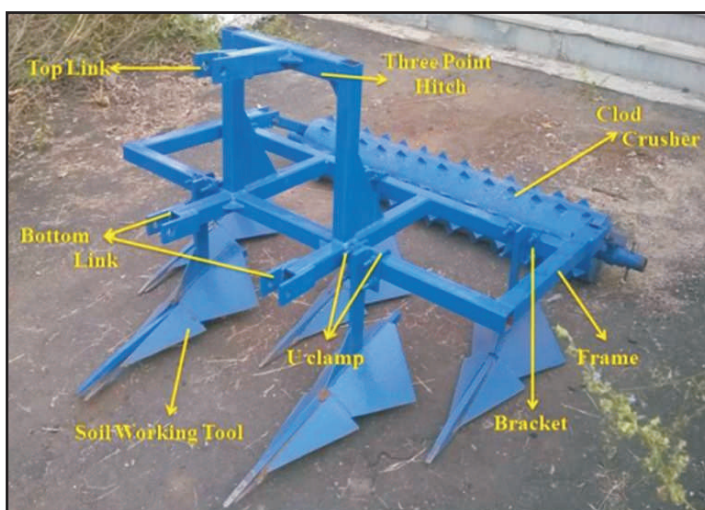
Technologies

developed by college

1. **Manually operated Pedal operated maize sheller-** Used for shelling of dehusked maize cob with shelling rate 65kg/hr with single operator.



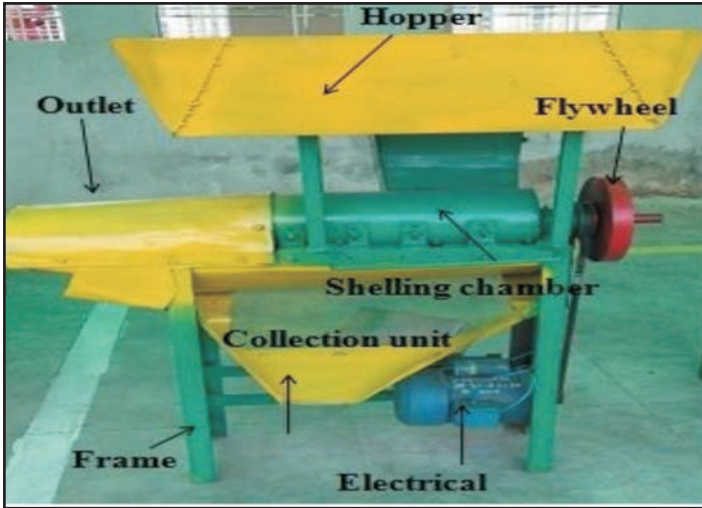
2. **Mini Tractor operated Multipurpose tool bar:** used for ploughing, harrowing and levelling operation in single pass which saves about 50% cost of seedbed preparation.



3. **Mini tractor drawn semiautomatic potato planter:** used for planting potato crop along with fertilizer application. It save about 40% cost of the potato planting.



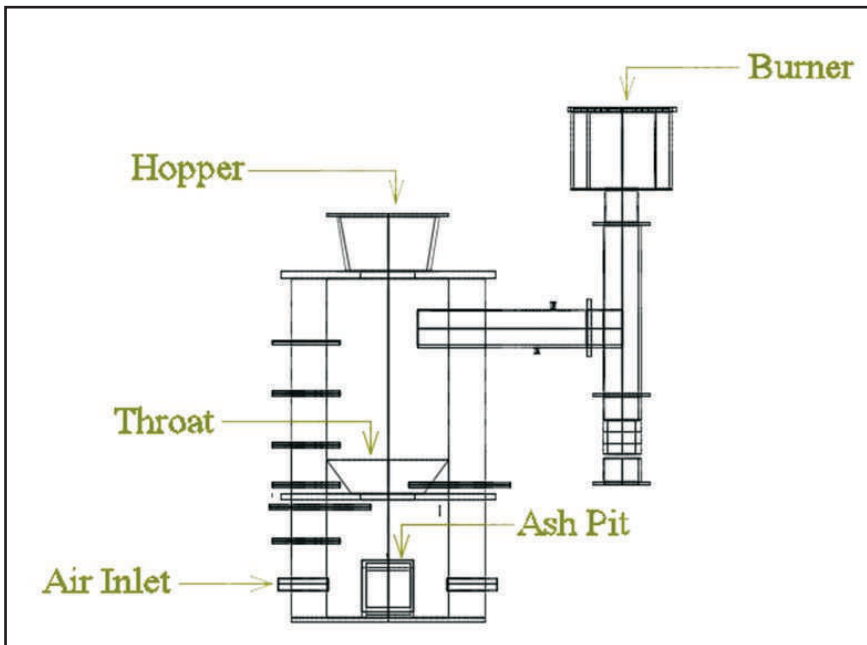
4. **Electric motor operated maize sheller:** used for shelling of maize cobs at with shelling rate 800kg/hr and very economic operating cost (Rs. 5/ quintal)



5. **Low cost planting unit for conventional plough:** used for planting maize seeds along with conventional plough. The seeds are placed uniformly which saves the cost of seed and labour.



6. **Throat type up draft biomass gasifier:** The throat type updraft biomass gasifier is easy to handle and economical by considering biomass (maize cobs, size woods and saw dust briquettes) as feed stalk as compared to LPG for thermal application



7. **Low cost multi crop planting unit for conventional plough:** A low cost multi crop planting unit for bullock drawn conventional plough has been developed by Anand Agricultural University suitable for sowing of maize, pigeon pea, soybean and gram crops. It saves about 94% time and 76% cost of sowing operation for maize crop compared to dibbling method.



Other Facilities

a spots to overall development of the students



Library: Air conditioned Library cum Reading Room with more than 3000 books and citations and connected with Central Library through net access to all e-journals available on ICAR e-CeRA platform



Auditorium: central AC with 500 seating capacity



Seminar hall and Committee Room : Well furnished and equipped with AC and Audio-Visual aids



Hostels: Two Boys and one Girls Hostel with all modern amenities and 24x7 Wi-Fi connections

Training and Placement Cell

- a bridge between students and Industry Partners

- ✓ Well Furnished and documented Training and Placement Cell is unique identity of the college.
- ✓ The cell is always trying to expand and make healthy relationships with industry and corporate sector.
- ✓ The students of the college getting 'Internship' and 'In-Plant Training' in various Central and State Government organizations along with Private companies related to the field of Agricultural Engineering.
- ✓ National Level '**Student READY**' Program conducted by ICAR, New Delhi is implemented in the college to make the student ready for corporate culture.



Students Deputed for In-Plant Trainings during the Last Five Years (February-May)

Sr. No. Name of Organizations offered Training

1	Captain Tractors Pvt. Ltd., Rajkot
2	Bharat Agro Engineering, Shaper - Veraval, Rajkot
3	NETAFIM, Irrigation Private Limited, Vadodara
4	Signet Industries Ltd., Baroda
5	Amidhara Drip Irrigation, Anand
6	Balson Polyplast Pvt. Ltd, Rajkot
7	Finolex Plasson Industries Pvt. Ltd, Vadodara
8	CIPHET, Ludhiana
9	L'obel Solar Power System, Vadodara
10	Sardar Patel Renewable Energy Research Institute (SPRERI), Anand

Past Employer where the students were placed

SN Name of the Company

1	Mahindra & Mahindra Ltd. (Swaraj Division), Mohali, Punjab
2	Tractor and Farm Equipment Ltd., (TAFE) Ahmedabad
3	Captain Tractors Pvt. Ltd., Rajkot
4	Jain Irrigation Systems Ltd., Jalgaon
5	NETAFIM, Irrigation Pvt. Ltd., Vadodara
6	Finolex Plasson Industries Pvt. Ltd., Vadodara
7	Donga Watertech Pvt. Ltd., Eyaya, Ta: Sanand, Gujarat
8	Vistaar Financial Services Pvt. Ltd., Bengluru
9	Signet Industries, Vadodara
10	Gujarat Green Revolution Company, Vadodara

Industry Partners for training and placement



Glimpses of last year Campus Placement





Students' Profile

B. Tech (Agril. Engg.)

-where your search may end

Students' Profile B. Tech (Agril. Engg.)



Name : **Bandhiya Nandu Devanand**
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 Address : At & Post: Bhinda , Tal: khambhaliya, Dist: Devbhumidwarka, PIN: 361306
 B. Tech Project : Development of maize cobs bio char unit.
 B. Tech Training : 1. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
 2. ICAR-Indian Institute of Soil & Water Conservation, Vasad.

Name : **Bhalala Abhishek Durlabhkhai**
 Date of Birth : 08th Jan 1998
 Contact no. : +91 9408739496
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 Address : village : Moviya, Ta : Gondal, Dist : Rajkot
 B. Tech Project : Rainfall - Runoff simulation modelling using artificial neural network and GIS
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute(NRFMTTI), Hisar, Haryana



Name : **Bharvad Bahechar Surabhai**
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 Contact no. : +91 8469875440
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 Address : At-navangar Ta-Dehgam Di-Gandhinagar
 B. Tech Project : Study of sugarcane cutter planter.
 B. Tech Training : 1. Tractor and Farm Equipment limited(TAFE), Chennai.
 2. Central horticultural experiment station, Vejalpur.

Students' Profile B. Tech (Agril. Engg.)



Name : **Bhingaradiya Prince Natvarbhai**
 Date of Birth : 25th August 1998
 Contact no. : +91 8980975794
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 Address : 313- Rukshamani Society, Nana varachha, Surat
 B. Tech Project : Geomorphologic analysis of a watershed using remote sensing & GIS in middle Gujarat region
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute (NRFMTTI), Hisar, Haryana

Name : **Chaudhari Sanketbhai Kodarbhai**
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 Address : At-po: kherancha -383355 Ta: bhilodadist: Aravalli
 B. Tech Project : Performance study of Different power Operated Maize Shellers.
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute (NRFMTTI), Hisar, Haryana



Name : **Chavda Anil Dineshbhai**
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 Contact no. : +91 7435090226
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 Address : At:- dasada TA:- dasadadist:-surendranagar
 B. Tech Project : Assesment of different quality water impact on soil under drip irrigation
 B. Tech Training : 1. farm machinery Training & Testing Institute (NERFMTTI), ASSAM
 2. Balson Irrigation, Rajkot

Students' Profile B. Tech (Agril. Engg.)



Name : **Gondaliya Rajeshkumar Kalubhai**
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 Contact no. : +91 9428998638
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 Address : At-Rajavadar , Ta-Mahuva, Dist-Bhavanagar.
 B. Tech Project : Study of sensor based automatic vehicle and identify crop line
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute(NRFMTTI), Hisar, Haryana

Name : **Gupta Kishankumar Dineshbhai**
 Date of Birth : 08th Feb 1998
 Contact no. : +91 8154924803
 E-mail : guptakishan98765@gmail.com
 Address : AT : Navivasahat, Post : Ganthiol- 383430 Ta : Idar, Dist: Sabarkantha
 B. Tech Project : Assessment of existing canal irrigation Scheduling approaches located in middle Gujrat region
 B.Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute(NRFMTTI), Hisar, Haryana



Name : **Jadav Kartik Dhanjibhai**
 Date of Birth : 22th Oct 1997
 Contact no. : +91 9426005730
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 Address : Meeranagar-1, Vijalpore, Navsari-396450
 B. Tech Project : Performance study of Combine tillage tools
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. N M sadguru water and Development foundation, Dahod

Students' Profile B. Tech (Agril. Engg.)



Name : **Jotava Kamlesh Danabhai**
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 Contact no. : +917069665912
 E-mail : jotavak@gmail.com
 Address : At-Virodar, Ta-Sutrapada, Di-Gir Somnath 362268
 B. Tech Project : Study of comparative performance of mini tractor drawn automatic and Semi- Automatic potato planter.
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute (NRFMTTI), Hisar, Haryana

Name : **Koradia Ashish Kanjibhai**
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 Contact no. : +91 9824223813
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 Address : At-Malpara Ta-Gadhada Dist-Botad -364730
 B. Tech Project : Rainfall -Runoff simulation modelling using artificial neural networks and GIS
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. N M sadguru water and Development foundation, Dahod



Name : **Ninama Radhaben Chandrasinh**
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 Contact no. : 8200788373
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 Address : 2-Utsav Banglow , Bamroali road, Godhra 389 001, District- Panchmahal
 B. Tech Project : Development of maize cobs biochar unit
 B. Tech Training : 1. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
 2. Central Institute for arid horticulture, Vejalpur , Panchmahal

Students' Profile B. Tech (Agril. Engg.)



Name : **Patel Charmiben Atulkumar**
 Date of Birth : 18th September, 1997
 Contact no. : +91 7802932138
 E-mail : pcharmi709@gmail.com
 Address : At & Post: 23, Ambalal park, Tal: Borsad, Dist: Anand, PIN: 388 540
 B. Tech Project : Design and development of low cost gravity fed drip irrigation kit for tribal farmer.
 B. Tech Training : 1. Central Farm Machinery Training & Testing Institute (CFMTTI), Budni, Madhya Pradesh.
 2. Jain Irrigation Systems Ltd., Jalgoan, Maharashtra.

Name : **Patel Chintan Natubhai**
 Date of Birth : 9th Dec 1997
 Contact no. : +91 9624431736
 E-mail : chintanpatel1997cp@gmail.com
 Address : Village : Ghej, Ta : Chikhli, Dist : Navsari. Pin : 396521.
 B. Tech Project : Study of Comparative Performance of mini Tractor Drawn Automatic and Semiautomatic Potato Planter.
 B. Tech Training : 1. ICAR-Central Institute of Post Harvest Engineering & Technology (CIPHET) Abohar, Punjab.
 2. Tractor and Farm Equipment limited (TAFE), Chennai.



Name : **Patel Mayurkumar Rajendrabhai**
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 Address : At: Khanusha -382870, Ta : Vijapur, Dist : Mahesana
 B. Tech Project : Study of sensor based automatic vehicle and identify crop line
 B. Tech Training : 1. Mitra Agro Industry, Nashik
 2. Jain Irrigations System limited, Jalgaoun

Students' Profile B. Tech (Agril. Engg.)



Name : **Patel Rahulkumar Harishbhai**
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 Contact no. : +91 9979667965
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 Address : At : Sukhesh , Ta : Killa-Pardi, Dist : Valsad
 B. Tech Project : Development of Protein Fortified Kesar Mango Bar.
 B. Tech Training : 1. ICAR - Central Institute of Post Harvest
 Enginnering & Technology (Ciphet) abohar ,
 Punjab
 2. Jain Irrigations System limited, Jalgaoun,

Name : **Patel Savankumar Aniruddhabhai**
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 Contact no. : +91 8347719901
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 Address : At : Vana, Ta : lakhtar, Dist : surendranagar - 363110
 B. Tech Project : Development of self-powered push type
 reciprocating sprayer
 B. Tech Training : 1. M.I.T.R.A Agro Equipments Private Limited,
 Nashik
 2. ICAR - North Region Farm Machinery Training &
 Testing Institute (NRFMTTI), Hisar, Haryana.



Name : **Patel Yashkumar Prakashbhai**
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 Address : At- Upera, Ta- Unjha, Dist-Mehsana
 B. Tech Project : Performance Evolution of Angle of repose apparatus.
 B. Tech Training : 1. Amulfed dairy, Gandhinagar
 2. Mitra agro equipments private limited, Nasik
 (Maharashtra)

Students' Profile B. Tech (Agril. Engg.)



Name : **Prajapati Priyankkumar Arvindbhai**
 Date of Birth : 04th Sept 1997
 Contact no. : +91 9974404029
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 Address : At-Mariampura, Intwado, Ta-Petlad, Dist-Anand Pin: 388 450
 B. Tech Project : Assessment of Existing canal irrigation Scheduling approaches located in middle Gujrat region
 B. Tech Training : 1. ICAR-Central Institute of Post Harvest Engineering & Technology (CIPHET) Abohar, Punjab.
 2. Tractor and Farm Equipment limited (TAFE), Chennai.

Name : **Rakeshkumar Hirabhai Parmar**
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 Address : At-Kapadvanj, Ta-Kapadvanj, Di-Kheda 387620
 B. Tech Project : Comparative study on maize cobs drying practices
 B. Tech Training : 1. Amulfed Dairy Gandhinagar
 2. Jain irrigation system limited



Name : **Ramani Harshitkumar Shivilal**
 Date of Birth : 27th June 1998
 Contact no. : +91 9512148618
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 Address : At-Sana Vankiya, Ta-Una, Dist-Gir Somnath
 B. Tech Project : Geomorphologic analysis of A watershed using Remote Sensing and GIS in Middle Gujrat Region
 B. Tech Training : 1. Indian Institute of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Northern Region Farm Machinery Training and Testing Institute (NRFMTTI), Hisar, Haryana

Students' Profile B. Tech (Agril. Engg.)



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 Address : At-Targhadiya, Ta-Rajkot, Dist-Rajkot
 B. Tech Project : Assessment of different quality water impact on soil under drip irrigation
 B. Tech Training : 1. ICAR - Central Institute of Post Harvest Engineering & Technology (Ciphet) abohar, Punjab
 2. Northeastern Region Farm Machinery Training & Testing Institute (NERFMTTI), biswanath chariali, Assam.

Name : **Rathod Renukaben Kishorbhai**
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 Address : B-22, Mangalmurti Soc; Kalikund, Bavla road, Dholka; Ta: Dholka, Dist: Ahmedabad. Pin Code: 382225
 B. Tech Project : Development of Protein Fortified Kesar Mango Bar
 B. Tech Training : 1. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
 2. ICAR - Central Institute Of Post-Harvest Engineering & Technology (CIPHET), Ludhiana, Panjab.



Name : **Rathva Ajaykumar Lallubhai**
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 Contact no. : +91 8347253656
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 Address : At-Ranipura-389365, Ta-Ghoghamba, Dist-Panchmahal
 B. Tech Project : Comparative Study On Maize Cobs Drying Practices
 B. Tech Training : 1. Indian Institute Of Food Processing Technology (IIFPT), Thanjavur, Tamilnadu
 2. Mitra Agro Equipments Private Limited, Nasik (Maharashtra)

Students' Profile B. Tech (Agril. Engg.)



Name : **Sabhadiya Himanshi Rameshbhai**
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 Address : 151, Laxminagar Society, Tal: Choryasi, Dist: Surat
 PIN: 395 006
 B. Tech Project : Design and development of low cost gravity fed drip irrigation kit for tribal farmer.
 B. Tech Training : 1. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
 2. ICAR-Indian Institute of Soil & Water Conservation, Vasad.

Name : **Shubham Nageshwar**
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 Contact no. : +91 7284840964
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 Address : Word no. 19, At-kanki, Ta-lalbarra, Di-Balaghat
 B. Tech Project : Performance study of Different power Operated Maize Shellers..
 B. Tech Training : 1. Tractor and Farm Equipment limited (TAFE), Chennai.
 2. Central Farm machinery Training & Testing Institute (Budhni, MP)



Name : **Thesiya Sandeep Gobarbhai**
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 Address : "PARISHRAM" jai Jalaram soc.1, Nr. om nagar, movdiplot, 150 feet ring road, Rajkot, 360004
 B. Tech Project : Performance study of combined tillage tool
 B. Tech Training : 1. Mitraspraying, Nasik
 2. Northeastern Region Farm Machinery Training & Testing Institute (NERFMTTI), Biswanath chariali, Assam.

Students' Profile B. Tech (Agril. Engg.)



Name : **Urvashi Sevabhai Parmar**
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 E-mail : Jennyparmar4@gmail.com
 Address : Parmarphaliya, Dhamrada village, mandavav road , Dahod ,Post- Boradi ,Taluka & District-Dahod
 B. Tech Project : Design and development of wireless soil moisture based automatic irrigation system
 B. Tech Training : 1. Central Farm Machinery Training & Testing Institute (CFMTTI), Budni, Madhya Pradesh.
 2. Jain Irrigation Systems Ltd., Jalgoan, Maharashtra.

Name : **Vaghela Yuvrajsinh Babubhai**
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 Contact no. : +91 7285031456
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 Address : At-Khumarwad, Ta.-Kheda, Dist.-Kheda 387570
 B. Tech Project : Performance evaluation of Angle of Repose Apparatus
 B. Tech Training : 1. ICAR-Central Institute of Post harvest engineering & technology(CIPHET) Abohar, Punjab.
 2. Tractor and Farm Equipment limited (TAFE), Chennai.



Name : **Vansh Sangabhai Nathabhai**
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 Contact no. : +91 7069617138
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 Address : At-Tobra, Ta-Sutrapada, Di-GirSomnath
 B. Tech Project : Perametric analysis of box type solar cookers
 B. Tech Training : 1. Balson irrigationPvt Ltd., Rajkot
 2. Netafim irrigationPvt Ltd., Vadodra

Students' Profile B. Tech (Agril. Engg.)



Name : **Baria Kalpeshkumar Prabhatsinh**
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 Address : At : Humadpur, Ta : Limkheda District : Dahod-389140
 B. Tech Project : Modification in Rollers of electrical operated maize Dehusker for green cobs
 B. Tech Training : 1. Polycillrigation Pvt. Ltd., Vadodara
 2. Netafim Irrigation Pvt. Ltd., Vadodara
 3. Central Farm Machinery Training & Testing Institute (CFMTTI), Budni, Madhya Pradesh.

Name : **Goswami Axeeta Deepak**
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 Address : 17, Anand viharsocitey, B V Gandhi petrol pump Godhra
 B. Tech Project : Effect of temperature and humidity on leaf area and flower size in rose.
 B. Tech Training : 1. Netafim Irrigation Pvt. Ltd., Vadodara
 2. Central Institute for aerid horticulture, Vejalpur , Panchmahal



Name : **Mavi Rajeshbhai Amarsingbhai**
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 Address : At:-Borkheda, Ta:-Dahod, Dist:-Dahod
 B. Tech Project : Modification in Rollers of electrical operated maize Dehusker for green cobs
 B. Tech Training : 1. Netafim irrigation Pvt. Ltd.
 2. Jain irrigation system pvt.ltd.

Students' Profile B. Tech (Agril. Engg.)



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 Address : At: matanapalla, Post: Randhikpur, Ta:Limkheda, Dist: dahod. Pin Code: 389130
 B. Tech Project : Effect of temperature and humidity on leaf area and flower size in rose.
 B. Tech Training : 1. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
 2. Central Institute for aerid horticulture, Vejalpur , Panchmahal
 3. Netafim Irrigation Pvt. Ltd., Godhra

Name : **Patel Vaibhavkumar Kanubhai**
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 Contact no. : +91 9426234534
 E-mail : patelvaibhav096@gmail.com
 Address : 88, JalkamalSocitey,NearNAU,Vijalpure Road, Navsari
 B. Tech Project : Study on sugarcane cutter planter
 B. Tech Training : 1. Patson Foods india pvt ltd. Navsari
 2. Central Farm machinery Training & Testing Institute (Budhni,MP)



Name : **Sonariya Yagnik Vinodbhai**
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 Contact no. : +91 7202847566
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 Address : 54, Vishvkarma Nagar, Timbavadi, Junagadh - 362001
 B. Tech Project : Perametric analysis of box type solar cookers
 B. Tech Training : 1. Balson irrigationPvt Ltd., Rajkot
 2. Netafim irrigation Pvt. Ltd, Vadodara

Students' Profile B. Tech (Agril. Engg.)



Name : **Trambadiya Bhargav Ashokbhai**
 Date of Birth : 22th Feb 1998
 Contact no. : +91 9909593234
 E-mail : royalpatel003@gmail.com
 Address : 43,Dharmanath Prabhu Soc., Nikol Road, Naroda, Ahmedabad
 B. Tech Project : Development of self-powered push type reciprocating sprayer
 B. Tech Training : 1. Captain Polyplast, Rajkot
 2. Balson irrigation, Rajkot
 3. Northern Region Farm Machinery Training and Testing Institute, Hisar, Haryana

Name : **Sharma Gautamkumar Bhupendrabhai**
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 Contact no. : +91 9586486851
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 Address : C-32, Veterinary staff quarter, AAU, anand.
 B. Tech Project : Drying of Tomato using Combustor
 B. Tech Training : 1. Netafim Irrigation Pvt Ltd., Vadodara
 2. Amul fed Dairy, Gandhinagar.
 3. ICAR-Central Horticultural Experiment Station ,VejalpurGodhra .



Name : **Ninama Kirtankumar Chunilal**
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 Address : AT ; Umarapada Ta : zalod Di : Dahod
 B. Tech Project : Drying of Tomato using Combustor
 B. Tech Training : 1. GraminVikas Trust (GVT) Dahod
 2. ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.



Students' Profile

M. Tech (Agril. Engg.)

-where your search may end

Students' Profile M. Tech (Agril. Engg.)



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Qualification : B.Tech (Agril. Engg) with OGPA: 7.6
M. Tech Specialization : Soil and water conservation engineering
B. Tech Project : Performance Evaluation of Dal Mill for Pigeon pea (cajanuscajan) and green gram (vignaradiata)
M. Tech Project : Irrigation scheduling of maize (zea mays l.) Under mulched conditions in semi arid region
B. Tech Training :

1. Northern Region Farm Machinery and Tractor Training center (NRFM&TI), Hissar, Haryana (India) during 2014-15
2. Training in Tractor and Farm Machinery Equipment Ltd. (TAFE), TTC, Padupakkam, Chennai (India) during 2015-16.
3. Amul (Anand Milk Union Ltd.) Anand, Gujarat during Jan-2017 to May-2017



Name : **MUKUND H. BHUVA**
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Address : "YAMUNA KUNJ", B/H TIRUMALA COMPLEX, TIMBAVADI, JUNAGADH-362001, GUJARAT.
Qualification : B.Tech (Agril. Engg) with OGPA: 7.16
M. Tech Specialization : Soil and water conservation engineering
B. Tech Project : VIBRATION CHARACTERISTICS OF A TRACTOR (26.03KW) ON TAR MACADAM ROAD.
M. Tech Project : CANAL PERFORMANCE EVALUATION IN SELECTED PANAM COMMAND AREAS.
B. Tech Training :

1. Training in ESCORT training & development Centre, Bangalore (India) during 2014-15.
2. Training in ICAR (Indian institute of soil & water conservation Research Centre, Vasad -388306, Anand, (Gujarat).
3. Internship in Netafim Irrigation indiapt. Ltd. at junagadh, Gujarat during Feb.-2017 to March-2017
4. Internship in Depart of Farm Machinery and power Engineering, Collage of agricultural engineering and technology, JAU, Junagadh (Gujarat) During April-2017 to May-2017.

Students' Profile M. Tech (Agril. Engg.)



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Qualification : B.Tech (Agril. Engg) with OGPA: 6.92
M. Tech Specialization : Soil and water conservation engineering
B. Tech Project : ROOF WATER HARVESTING POTENTIAL OF JUNAGADH AGRICULTURAL UNIVERSITY CAMPUS USING GIS.
M. Tech Project : EVALUATION OF SENSOR BASED MECHANISM FOR SOIL INFILTRMETER TESTS.
B. Tech Training :

1. Training in Mausam Agro pvt. Ltd., Rajkot (Gujarat), during 2014-15.
2. Training in Netafim Irrigation India pvt. Ltd. at junagadh(Gujarat), during 2015-2016
3. Internship in Netafim Irrigation India pvt. Ltd. at Rajkot (Gujarat), during Feb.-2017 to March-2017
4. Internship in Gopal Snacks Pvt. Ltd. At Rajkot (Gujarat), During April-2017 to May-2017.



Name : **DEEPA SAHU**
Date of Birth : 30th March, 1995
Contact no. : +91 9479210821,
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Address : Radha Krishna Ward, Sheetlamarg Kawardha Chhattisgarh. Pin Code - 491995
Qualification : B.Tech (Agril. Engg) with OGPA: 6.9
M. Tech Specialization : Soil and Water Conservation Engineering
B. Tech Project : Preparation of Bio-Fertilizer by Using Kitchen Waste and Biomass and Study its Application on Crops
M. Tech Project : Investigating Hydrologic Significance of Morphometric Indicators for Few Small Natural Watersheds in Middle Gujarat
B. Tech Training :

1. Northern Region Farm Machinery and Tractor Training center (NRFM&TI), Hissar, Haryana (India) during 2016-17
2. Southern Region Farm Machinery and Tractor Training center (SRFM&TI), Anantapur, Andhra Pradesh (India) during 2016-17

Students' Profile M. Tech (Agril. Engg.)



Name : **NILKANTH BHAGABHAI HERBHA**
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Address : Shubham Residency, Near Shukan Appt., Sudamapark-2, Madhuram, Vanthali Road, Junagadh - 362 015, Gujarat.
Qualification : B.Tech (Agril. Engg.) with OGPA: 7.37
M. Tech. Specialization : Soil and Water Conservation Engineering
B. Tech. Project : Irrigation scheduling of cereal crop in panchmahal region of middle gujarat using cropwat
M. Tech. Project : Hydrological modelling under climate change scenarios in a selected watershed of middle gujarat
B. Tech. Trainings :

1. One month Summer training at Netafim Irrigation India Pvt. Ltd. of Soil and Water Engineering in June-2015.
2. One month Summer training at Hindustan Machine Tools Limited of Farm Machinery and Power Engineering in June-2016.
3. Two months Summer training at Netafim Irrigation India Pvt. Ltd. Of Soil and Water Engineering in February-2017.
4. Two months Summer training at Captain Tractors Pvt. Ltd. of Farm Machinery and Power Engineering in April-2017.



Name : **KASUNDRA TRUSHALKUMAR H.**
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Qualification : B.Tech (Agril. Engg) with OGPA: 6.9
M. Tech Specialization : Soil and water conservation engineering
B. Tech Project : Performance Evaluation of Seed Cum Fertilizer Drill
M. Tech Project : Validation, Irrigation Scheduling of Maize Crop by Aquacrop Model under Semi-erid region of Middle Gujarat
B. Tech Training :

1. Southern Region Farm Machinery and Tractor Training center (SRFM&TI), Hissar, Anantpure (India) during 2014-15
2. Indian Institute of Soil and Water Conservation, Vasad during 2015-16.
3. Netafim Irrigation India Pvt. Ltd., Gujarat during Jan-2017 to May-2017

Students' Profile M. Tech (Agril. Engg.)



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Qualification : B.Tech (Agril. Engg) with OGPA: 7.28
M. Tech Specialization : Soil and water conservation engineering
B. Tech Project : "To Study on Cultivation of Fenugreek under The Different Protected Structure"
M. Tech Project : "Development of Mathematical Model for Estimation of Wetting Front under Drip Irrigation"
B. Tech Training :

1. One-month summer training on "Practical Training in Agricultural Engineering (Farm Machinery and Power)" At Southern Region Training & Development Centre (SRETDC) at BANGALORE (KARNATAKA, INDIA) in June- 2015.
2. One-month summer training of "In-Plant Training on Kaira District Co-operative Milk Producers Union Limited" (AMUL-ANAND) in June-2016.
3. Two-month summer internship of "Practical as Well as Theoretical in Netafim Irrigation India Pvt. Ltd." At Branch of Arti Irrigation (BOTAD) in February & March-2017.
4. Two-month summer internship of "Experiential Learning Hands on Training on Manufacturing and Production of Box Type Solar Cooker." In RE & RE Department of Agriculture Engineering and Technology Collage of Junagadh Agriculture University (JAU) April & May-2017.



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Qualification : B.Tech (Agril. Engg) with OGPA: 7.70 from Kerala Agricultural University
M. Tech Specialization : SOIL AND WATER ENGINEERING
B. Tech Project : SOIL REINFORCEMENT USING COCONUT FIBRE
M. Tech Project : ASSESSMENT OF AGRO-LAND SUITABILITY FOR RICE (Oryza Sativa L.) AND WHEAT (Triticum L.) USING GIS AND REMOTE SENSING
B. Tech Training :

1. Training on "Well drilling operations and groundwater related investigation techniques" from 13.02.2017 to 25.02.2017 at Ground Water Department , District office, Kollam (Kerala).
2. Training on "Spices Processing" at ICAR-IISR, Peruvannamuzhi, Kozhikode (Kerala) from 1.03.2017 to 10.03.2017
3. Training in Southern Region Farm Machinery Training and Testing Institute (SRFMTTI) From 13.03.2017 to 7.04.2017 at Anantapur (A.P) -515731
4. Training on "Dairy plant" in Kerala Veterinary & Animal Sciences University(KVASU) from 11.04.2017 to 20.04.2017 at Mannuthy, Thrissur Dist. Kerala (680651).
5. Training on "various operation related to rice Milling" from 22.04.2017 to 30.04.2017 at Pavizham Healthier diet Pvt. Ltd. Perumbavoor Ernakulum dist. Kerala (683544)
6. Training on "various aspects of soil and water conservation measures" from 22.05.2017 to 30.05.2017 at the office of the District soil conservation officer, Thrissur (kerala).

Students' Profile M. Tech (Agril. Engg.)



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 Qualification : B.Tech (Agril. Engg.) with OGPA: 7.6
 M. Tech Specialization : Farm Machinery and Power Engineering
 B. Tech Project : Development of a Digital Soil Moisture Meter
 M. Tech Project : Development of Tractor Drawn Electronic Multi-crop Planter cum Fertilizer applicator for precision farming
 B. Tech Training : 1. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) during June-2016 to Sept-2016



Name : **Ms. Snehal Milinda Vidyasagar Shamkuwar**
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 Qualification : B.Tech (Agril. Engg) with OGPA: 7.35
 M. Tech Specialization : Farm Machinery and Power Engineering
 B. Tech Project : Development of Critical Dry Spell Crop Monographs for Latur Zone of Marathwada Region
 M. Tech Project : Development of Battery Powered Inter and Intra-Row Weeder
 B. Tech Training : 1. Southern Region Farm Machinery Training and Testining Institute Garladinne, Anantapur, Distt : Anantapur (A.P.)-515731(Period : 6 Jun 2012 to 29 Jun 2012)
 2. Aditi CAD/CAM Training Center Parbhani Dist. : Parbhani (3rd Jun to 30 Jun 2013)
 3. ARTS Watermatics Pvt. Ltd. (Agriculture Research Technology Services)(1st Jan. 2015 to 30th April 2015)

Students' Profile M. Tech (Agril. Engg.)



Name : **POPALIA CHANDANI J.**
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Qualification : B.Tech (Agril. Engg.) with OGPA: 6.45
M. Tech Specialization : Processing and Food Engineering
B. Tech Project : Drying characteristics of rose petals and preparation of gulkand
M. Tech Project : PROCESSING OF SWEET CORN KERNELS FOR ENHANCEMENT OF SHELF LIFE.
B. Tech Training :

1. Central Farm Machinery Training And Testing Institute, Budni, Madhya Pradesh (India) during June 2014.
2. Central Institute Of Post-Harvest Engineering And Technology (CIPHET), Abohar, Punjab (India) during June 2015.
3. Jain Irrigation System Ltd., Jalgaon, Maharashtra (india) during March-April 2016.
4. Food processing and engineering department, college of agricultural engineering & technology, Junagadh, Gujarat (India) during May-June 2016.



Name : **SHARMA AMARKUMAR VASANTBHAI**
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Qualification : B.Tech (Agril. Engg) with OGPA: 6.65
M. Tech Specialization : Processing and Food Engineering
B. Tech Project : MAIZE COBS DRYING USING DIFFERENT TYPES OF DRYERS
M. Tech Project : DRYING OF BER AND STORAGE STUDY OF BER POWDER
B. Tech Training :

1. Training in Signet Industries Limited, at Baroda , Gujarat (India) during June-2015.
2. Training in HMT Limited, Pinjore-134 101, Haryana (India) during June 2016.
3. Internship in Signet Industries Limited, at Himatnagar, Gujarat (India) during February-2017 to March-2017.
4. Internship in TAFE (Rajvee Tractors Pvt. Ltd , Himatnagar, Gujarat (India) during April-2017 to May-2017.

Students' Profile M. Tech (Agril. Engg.)



Name : **CHAVDA SHAKTISINH KANJIBHAI**
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Qualification : B.Tech (Agril. Engg) with OGPA: 7.33
M. Tech Specialization : Farm Machinery and Power Engineering
B. Tech Project : Cooling Load Estimation of Collage Reading Hall - CAET,JAU - Junagadh
M. Tech Project : Development of Pull Type Battery Operated Multi-crop Planter For Woman Farmers In Tribal Region of Gujarat.
B. Tech Training : 1. SOUTHERN REGION FARM MACHINERY TRAINING AND TESTING INSTITUTE (SRFMT&TI), Anantapur, Andhra pradesh (India) during June - 2015.
 2. Training in PATSON FOODS (INDIA) PVT. LTD., Navsari (396463) Gujarat, India during June - 2016.
 3. NETAFIM IRRIGATION INDIA PVT. LTD. At kodinar (362720), Gir Somnath -Gujarat during feb - 2017 to march - 2017.
 4. TIRTH AGRO (SHAKTIMAN ROTAVETOR) PVT. LTD., Gondal, Rajkot, Gujarat - INDIA - 360311 during April -2017 to May - 2017.



Name : **KOTHIYA AMITKUMAR VINODBHAI**
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Qualification : B.Tech (Agril. Engg) with OGPA: 7.23
M. Tech Specialization : Farm Machinery and Power Engineering
B. Tech Project : Effect of shading on series and parallel connected solar photovoltaic modules
M. Tech Project : Development of bullock drawn plastic mulch sheet cum drip laying machine
B. Tech Training : 1. One month training on "Practical Training in Agricultural Engineering (Farm Machinery and Power)" at Central Institute of Agricultural Engineering (ICAR), Bhopal 462038, M.P., June-2014.
 2. One month training on "Processing and Food Engineering" at Green Fiber Foods (India) Pvt. Ltd., Degam-39530, Navsari (Gujarat), June- 2015.
 3. Two month internship of Micro Irrigation Systems (March, April) in "Jain Irrigation Systems Pvt. Ltd." at Jalgaon, Maharashtra.

Students' Profile M. Tech (Agril. Engg.)



Name : **MONPARA ALPESHKUMAR MANSUKHBHAI**
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Address : To. Gangecha, Ta. Maliya hatina, Dist. Junagadh Pin. 362245
Qualification : B.Tech (Agril. Engg) with OGPA: 6.30
M. Tech Specialization : Farm Machinery and Power Engineering
B. Tech Project : Performance Evaluation of battery operated fertilizer broadcaster
M. Tech Project : Development of Development of Bullock Drawn Battery Powered Sowing Machine
B. Tech Training :

1. One month training on "Practical Training in Agricultural Engineering (Farm Machinery and Power)" at Central Institute of Agricultural Engineering (ICAR), Bhopal 462038, M.P., June-2014.
2. One month training on "Processing and Food Engineering" at Green Fiber Foods (India) Pvt. Ltd., Degam-39530, Navsari (Gujarat), June-2015.
3. Two month internship of Micro Irrigation Systems (March, April) in "Jain Irrigation Systems Pvt. Ltd." at Jalgaon, Maharashtra.



Name : **PARESHKUMAR K. KACHOT**
Date of Birth : 22nd June 1992
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Address : At: Bamanasa, Ta: Keshod, Dist: Junagadh 362625
Qualification : B.Tech (Agril. Engg) with OGPA: 6.20
M. Tech Specialization : Renewable Energy Engineering
B. Tech Project : The status and prospectus of farm power in Panchmahal Region
M. Tech Project : Effect of Di-Tert Butyl Peroxide on Engine Performance Fulfilled by Bio Diesels Blends
B. Tech Training :

1. One month training on "Practical Training in Agricultural Engineering (Farm Machinery and Power)" at Central Institute of Agricultural Engineering (ICAR), Bhopal 462038, M.P., June-2014.
2. Two month training in ICAR - North Region Farm Machinery Training & Testing Institute (NRFMTTI), Hisar, Haryana.
3. One month training in Northern Region Farm Machinery Training and Testing Institute, Hissar, (Haryana).
4. One month training in N.M. Sadguru Soil and Water Development Foundation, Dahod.(Gujarat).
5. One month training in Netafim Irrigation India Pvt. Ltd. Baroda, (Gujarat).

National Service Scheme Activities

- a place of selfless services



**Sujalam Sufalam
Water
Conservation Program**



**Anti-Terrorism Day was
observed at C.A.E.T.,
AAU, Godhra.**



**Celebration of Yoga Day on 21/06/2018
at Police ground, Godhraz**



**joined hands for plantation program at the
entrance of CAET campus on 20th July 2018.**



Swachhta Pakhwadawas organized at College



Celebrated the 72th Independence Day of our Nation

National Service Scheme Activities

- a place of selfless services



Inauguration of Swachh hi Seva campaign

organized Voluntary Blood Donation Camp and Thalassemia Testing Programme



Sports and Cultural Activities

- recreations and excitations







*Wings of yours...
Sky is Limit...*



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