



EXCELLENCE IN SCIENCE EDUCATION: OUR JOURNEY

SIR P. T. SCIENCE COLLEGE

MANAGED BY

THE M. L. GANDHI HIGHER EDUCATION SOCIETY, MODASA



WELCOME



Dr. Kiran Singh
(Member Co-ordinator)



Dr. Murugan Kadarkarai
(Chairman)



Dr. Biju A
(Member)

NAAC PEER TEAM

Accreditation- 3rd cycle (8th –9th January 2025)



LEGENDARY FOUNDERS



**Our Main Donar
SIR PURSHOTAMDAS THAKORDAS**



**Founder
SHRI M. L. GANDHI
(FREEDOM FIGHTER)**



**Our First Principal
DR. DHIRUBHAI THAKAR
(PADMA BHUSHAN)**

Sir P. T. Science College

MANAGED BY

The M. L. Gandhi Higher Education Society, Modasa

Established On

14th June, 1960

Enlightening the Society with education since 64 years

With the Motto



Shri Navinchandra R. Modi

President

The M. L. Gandhi Higher Education Society, Modasa

कर्मण्येवाधिकारस्ते मा फलेषु कदाचन।
मा कर्मफलहेतुर्भूर्मा ते सङ्गोऽस्त्वकर्मणि ॥

UNDER THE LEADERSHIP OF

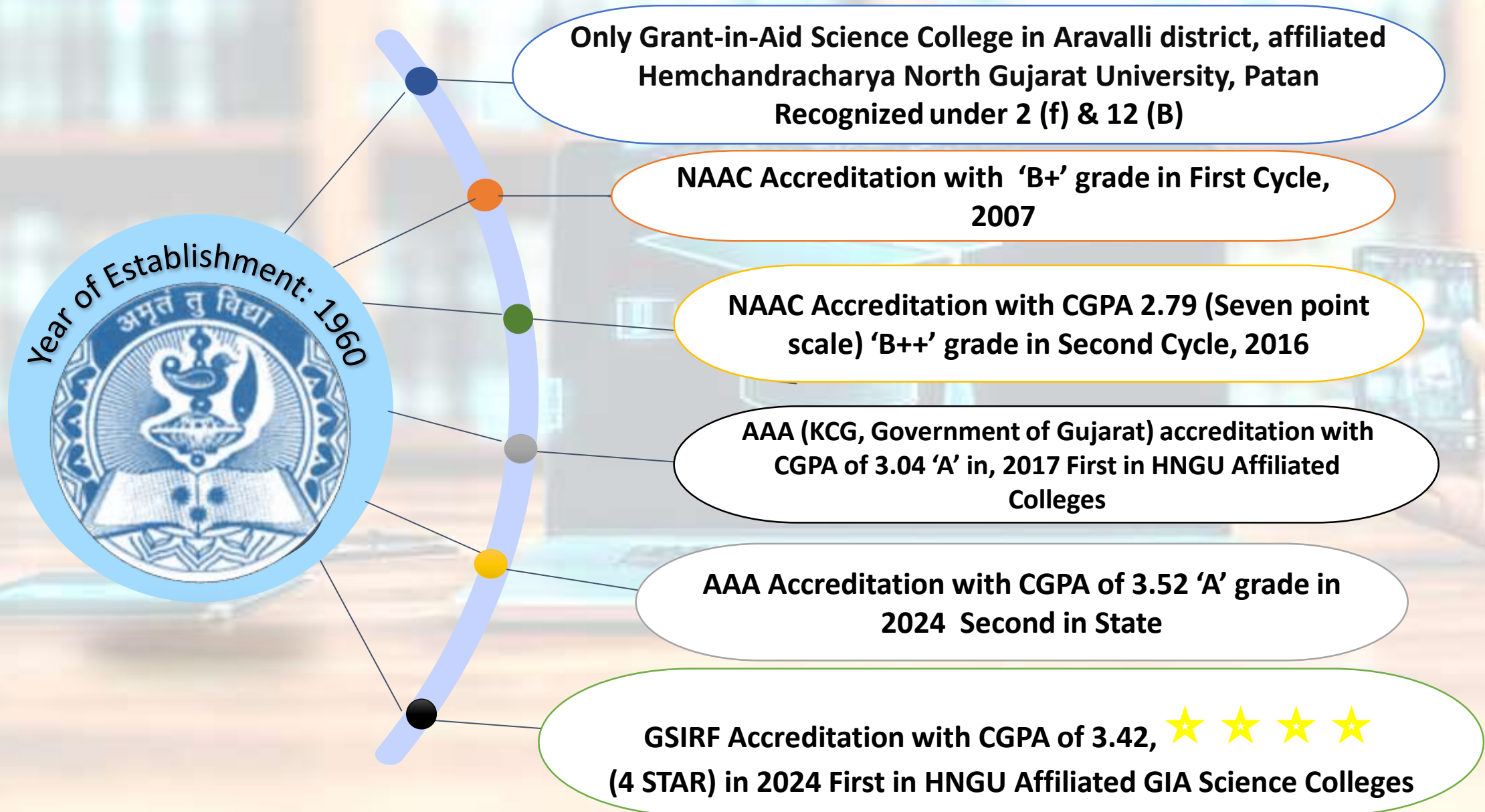


Shri Subhashbhai M. Shah

Vice President

The M. L. Gandhi Higher Education Society, Modasa

Sir P. T. SCIENCE COLLEGE GENERAL INFORMATION



COLLEGE PROFILE

UGC RECOGNITION

Under 2(f) and 12(B)
: 02-04-1988

AFFILIATING UNIVERSITY

Hemchandracharya
North Gujarat
University, Patan

COLLEGE STATUS & FINANCIAL CATEGORY

Affiliated Grant-in-
aid College

TYPE OF COLLEGE

Co-Education

LOCATION AND AREA OF THE CAMPUS

Rural &
18.29 Acres

NO. OF PROGRAMMES

03
B.Sc.
M. Sc.
Ph. D.

NO. OF COURSES

10
UG - 05
PG - 03
Ph. D.- 02

NO. OF STAFF

46
TEACHING -25
NON-TEACHING- 21

NO. OF STUDENTS

705
UG – 525
PG – 169
Ph. D.-11



**UNIQUE
FEATURES
OF
COLLEGE**

Only Grant-
in-Aid
Science
College in
Aravalli
district

Listed under
section 2 (f)
& 12 (B) of
UGC Act,
1988

With
Permanent
Affiliation to
HNGU, Patan

**SSIP
Shodh**

The College
promotes
Science &
Scientific
temper in
the society

Known for
Innovation
Ecosystem

The well
equipped
Educational
institute with
Green
Campus

COMPLIANCE OF RECOMMENDATIONS OF NAAC PEER TEAM, 2016

RECOMMENDATIONS BY NAAC PEER TEAM, 2016	COMPLIANCE OF RECOMMENDATIONS
➤ Introduce viable value-added job oriented courses and M Sc in Microbiology, Physics and Mathematics.	✓ Introduced viable value-added (42), job oriented-Add on courses (46) and M Sc in Physics
➤ Take measures to develop communication and soft skills of students.	✓ Introduced Finishing School, Adani training programs, TCS Training programme and other initiatives to develop communication and soft skills of students
➤ Encourage faculty to attend and convene more national level conferences.	✓ Institute promoted faculties to attend conferences and workshops. national, international conferences and workshops attended by faculties
➤ Generate more resources through national funding agencies and highly placed and affluent alumni.	✓ Generated more resources through GOG funding like SSIP, Innovation club, Finishing School, Azadi Ka Amrit Mahotsav, Panch Prakalp, Placement ✓ Several resources have been generated through fund contribution of Alumni
➤ IQAC to play greater role to create vibrant study environment.	✓ IQAC has played a vital role in startup, innovation, research , other skills enhancement programs by shodh incubation center and functioning very actively to create vibrant study environment in college

COMPLIANCE OF RECOMMENDATIONS OF NAAC PEER TEAM, 2016

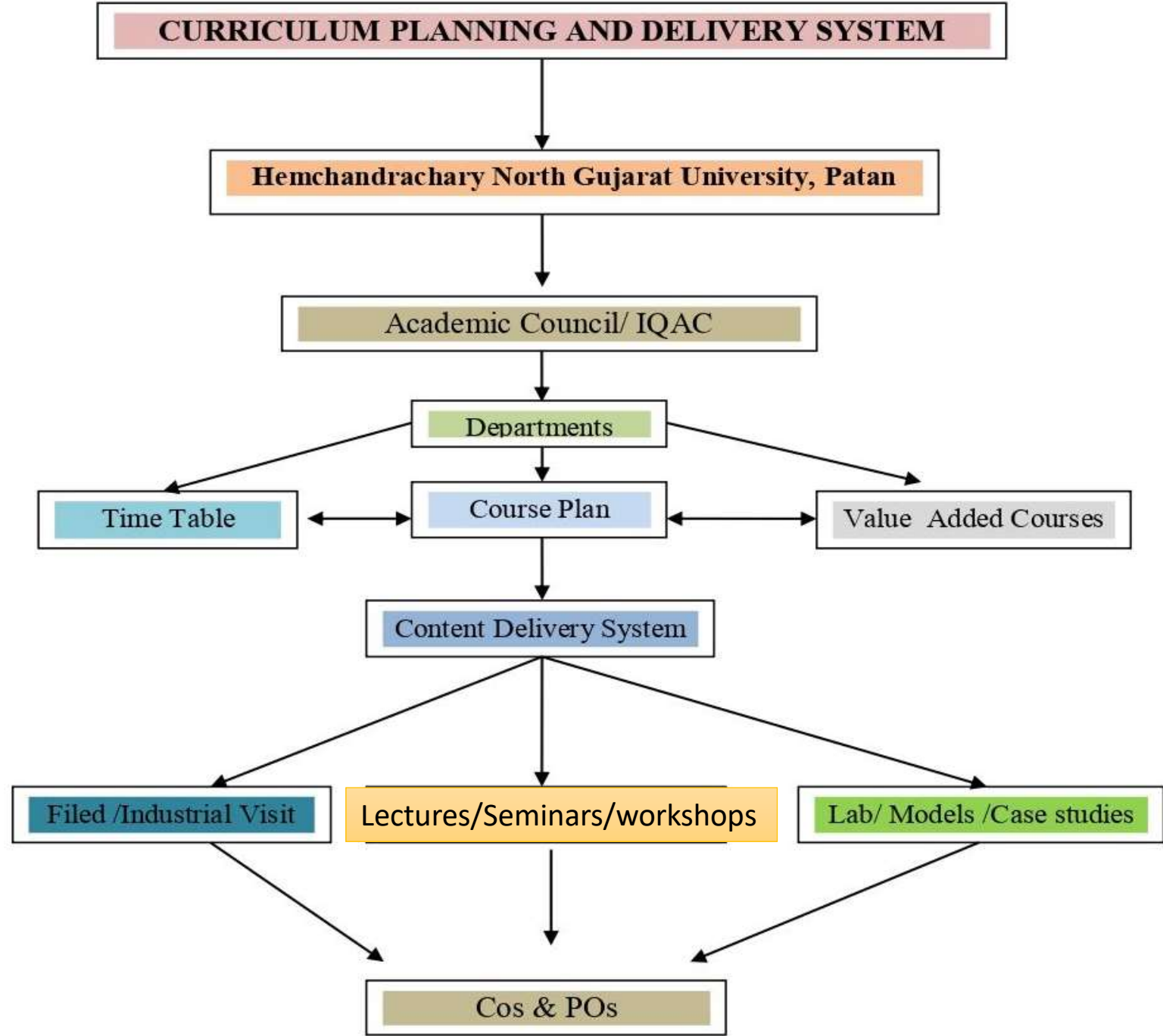
RECOMMENDATIONS BY NAAC PEER TEAM, 2016	COMPLIANCE OF RECOMMENDATIONS
<p>➤ Introduced a formal feedback analysis system.</p>	<p>✓ A transparent online feedback system is introduced and analyzed report conveyed to stakeholders and displayed on website</p> <p>✓ https://sirptsciencecollege.org/pdfs/Feedback-Reported-To-HNGU.pdf</p> <p>✓ https://sirptsciencecollege.org/feedback-through-google-link/</p>
<p>➤ Shifting of medium of instruction from Gujarati to English in phases.</p>	<p>✓ All PG Courses and UG Courses of Microbiology, Mathematics, Practical's of Chemistry and Physics are in English Medium</p>
<p>➤ Upgradation of existing laboratories, Language lab, health centre and placement cell to be strengthened.</p>	<p>✓ Laboratories are renovated and well equipped</p> <p>✓ Physics lab and Language lab are updated with Turbo C++, LaTeX, Mathematica, MATLAB software's</p> <p>✓ Health centre is reinforced</p> <p>✓ Placement cell is vitalized through various MOUs and placement campaigns</p>
<p>➤ College may establish a centre to help students to prepare for competitive examination.</p>	<p>✓ College has conducted seminars of carrier guidance to help students to prepare for competitive examination under Placement and Carrier counseling cell</p>
<p>➤ Library and college office to be fully automated.</p>	<p>✓ Library is automated with SOUL 3.0 Software</p> <p>✓ College office is automated with ERP, COGENT PORTAL, TALLY SOFTWARE, COMMON ADMISSION PORTAL(GCAS)</p>



1

CURRICULAR ASPECTS

Curricular Planning and Implementation
Academic Flexibility
Curriculum Enrichment
Feedback System



ROLE FOR DESIGNING AND UP-GRADATION OF CURRICULUM: NEP-2020

- ❖ **Affiliated University Suggested CBCS (2011) & NEP-2020 Adopted by institute**
- ❖ **02 Faculties nominated by Vice Chancellor HNGU for NEP-2020 structure designing**
- ❖ **06 Teaching Faculty in BOS**
- ❖ **01 Teaching Faculty as a Chairman-BOS**
- ❖ **01 Teaching Faculty in Academic Council Of HNGU**
- ❖ **Maximum numbers of faculties have participated in workshop for NEP-2020 syllabus**
- ❖ **An induction course has organized by the college on “NEP-2020” for the students**
- ❖ **College has organized one day seminar on “NEP-2020” for the teachers of affiliated university**
- ❖ **All the Teaching Faculty involved not only in Curriculum Design but preparing Reference books as per HNGU Syllabus for the Students**

Role of Faculties Designing And Up- gradation Curriculum: NEP-2020



State level Seminar on NEP-2020

Hemchandracharya North Gujarat University
PATAN - 384 265 (N.G.)
Accredited by NAAC with "A" Grade (CGPA 3.02)

નં.બેંકે / અભ્યાસ સં./૬૬ ૦૭/૨૦૨૩
તારીખ: ૨૬ /૦૨/૨૦૨૩

પતિ,
ડિ.ડી.જનકીશંકર પ્રજાપતિ (ડીનશી.વિજ્ઞાન વિદ્યાશાળા)
સરકારી વિજ્ઞાન કોલેજ, મીઠા -ભાલર સેડ,
ધરાદ- ૩૮૫૫૬૫
જિ.વલસાડા

વિષયસરજીય શિક્ષણ નીતિ-૨૦૨૦ અંતર્ગત 04 Year U.G.Programme Credit Framework અંગત.
શીમાન.

ઉપરોક્ત વિષય પરત્વે આરંભાનુસાર જણાવવાનું કે રાષ્ટ્રીય શિક્ષણ નીતિ-૨૦૨૦ અંતર્ગત 04 Year UnderGraduate Programme Credit Framework સુનિવર્ધિતી સંલગ્ન કોલેજોમાં જૂન -૨૦૨૩થી અમલ કરવા બાબતે વિજ્ઞાન વિદ્યાશાળા તજવોની એક ખસ એક આગામી તારીખ : ૧૩/૦૨/૨૦૨૩ ને કુશલતા સેજ સવારે ૧૧:૩૦ કલાકે સુનિવર્ધિતી કાર્યાલયે ૩મ નંબર,૧૫ અને રાખવામાં આવેલ છે જેમાં આપના સ્તરેથી તજકારીઓને સદર બાબતે જાણ કરવા વિનંતી છે.

નોંધ- ડી.જનકીશંકર પ્રજાપતિ વી અર્ધ,પી.એસ.સ.પર સંબંધિત છે. જે આપની જાણ સારું.

આપનો વિશ્વસુ
(ડી.કમલ વેદ્યા મીઠા)
નામક કુલચલિય

નકલ સવિનય જાણ તથા જરૂરી કાર્યવાહી સારું:

- ડી. શેખાબેન, પાટણ
- ડી. અનુભવ કુલચલિય, પાટણ
- ડી. બેન.બેન.કર્મ, પાટણ
- ડી. અમલ ગોર, કાઠી
- ડી. અમલ મોર, પીલવપુર
- ડી. વાલ.મી.અમર, પાલનપુર
- ડી. વીરુષ વ્યાસ, પાટણ
- ડી. અમલ મેહિયા મીઠા
- ડી. પ્રિતીક વેદ્યા, મીઠા
- ડી. અમલ, મીઠા
- ડી. સંજીવ પાટ, પાલનપુર
- ડી. બેન.કે.પટેલ, પાટણ
- ડી. જુએશ ત્રિવેદી, પાટણ
- ડી. સુરેશ પ્રજાપતિ, પાટણ
- ડી. સંજીવ શેખરી, ઠાપ

P.B. No. 21, University Road, Patan. 384265, Gujarat State, INDIA
Phone : +91 2766 - 237000, 220932, 230529 Fax : +91 2766 - 231917
Mail : regi@ngu.ac.in Web : www.ngu.ac.in

INVITATION

SIR P.T.SCIENCE COLLEGE, MODASA
(NAAC Accredited B+ Grade, AAG Accredited A Grade)
MANAGED BY
THE M.L.GANDHI HIGHER EDUCATION SOCIETY, MODASA

IQAC Organized
STATE LEVEL SEMINAR ON
NEW EDUCATION POLICY-2020
23rd FEBRUARY 2021, 10:00 AM

We take immense pleasure to inviting you to solicit your gracious presence on 23rd February 2021, 10.00 AM for the Faculty Awareness Programme on New Education Policy-2020.

Patron
Shri Navinchandra R Modi
President
The M.L.Gandhi Higher Education Society, Modasa

Guest of honour
Shri Surendrabhai J Shah
Hon. Secretary
The M.L.Gandhi Higher Education Society, Modasa

Eminent Speakers
Dr.Kartavy Bhatt, Asso. Professor, Arts, Science & Commerce College, Pithval

Venue
Bhamasha Hall, College campus, Dhansura Road, Modasa-383315

Organizing Committee
Dr.S.D.Vediya
Coordinator, State level Seminar
Dr.M.P.Gongwala
Co-Coordinator, State level Seminar

Chair Person
Dr.K.P.Patel
Principal
Sir P.T.Science College, Modasa

ACADEMIC FLEXIBILITY

PROGRAMS

BACHELOR OF SCIENCE

B.Sc.

CHEMISTRY
BOTANY
PHYSICS
MATHEMATICS
MICROBIOLOGY

MASTER OF SCIENCE

M.Sc.

CHEMISTRY
BOTANY
PHYSICS

DOCTORATE OF PHILOSOPHY

Ph.D.

CHEMISTRY
BOTANY

OTHER COURSES

CERTIFICATE COURSES/ADD ON COURSES

ELECTIVE COURSES

NPTEL/IIT Kanpur (1)
Number of Students Benefited: 01

Value Added Courses (42)
Number of Students Benefited: 5615

Add-On Courses (46)
Number of Students Benefited: 779

Distribution of Marks for Continuous Internal Assessment (CIA) and Comprehensive External Examination (CEE)

Theory (Core/Elective)

Maximum Marks =100

CIA Marks = 50

CEE Marks = 50

Internal + Model Exam =30

Assignment work=10

Seminar=05

Others =05

Theory/ Practical Exam=50
Conducted by HNGU

- ✓ Class Participation
- ✓ Participation in Seminars
- ✓ Participation in workshops
- ✓ Participation in Quiz
- ✓ Participation in innovative projects

Sr. No	Documents	Links of Documents
1	UGC 12b and 2f	https://sirptsciencecollege.org/wp-content/uploads/2024/05/12B-2F.pdf
2	Affiliation: Hemchandracharya North Gujarat University	https://www.ngu.ac.in/CollegeDetails.aspx https://www.ngu.ac.in/Default.aspx
3	Institute Broacher	https://sirptsciencecollege.org/wp-content/uploads/2024/05/Brochure.pdf
4	Academic Calendar (2017-18 to 2024-25)	https://sirptsciencecollege.org/about-us/academic-calender/
5	Timetable	https://sirptsciencecollege.org/wp-content/uploads/2024/05/College-Time-Table-22-23.pdf
6	IQAC and Committee	https://sirptsciencecollege.org/iqac/ https://sirptsciencecollege.org/about-us/committee/

Sr. No	Documents	Links of Documents
7	Details of Add on Courses	https://sirptsciencecollege.org/add-on-course-certificate-course/
8	Lesson Plan (HoDs)	https://sirptsciencecollege.org/wp-content/uploads/2024/05/lesson-Plan-.pdf
9	Syllabus (Website Link)	https://sirptsciencecollege.org/pdfs/Syllabus-of-various-Courses.pdf https://sirptsciencecollege.org/syllabus/
10	Research activity	https://sirptsciencecollege.org/research-activities/
11	ICT Classrooms	https://sirptsciencecollege.org/wp-content/uploads/2024/05/photo-ict-tool.pdf
12	ICT Facilities	https://sirptsciencecollege.org/infrasturcture/

Sr. No	Documents	Links of Documents
13	Innovation Facilities 'Shodh' Incubation Centre	https://sirptsciencecollege.org/ssip-shodh-incubation-centre/
14	Online Feedback	https://sirptsciencecollege.org/student-corner/feedback/ https://sirptsciencecollege.org/feedback-through-google-link/ https://sirptsciencecollege.org/feedback-analysis/ https://sirptsciencecollege.org/feedback-action-taken-report/ https://sirptsciencecollege.org/pdfs/Feedback-Reported-To-HNGU.pdf
15	Women Development Cell	https://sirptsciencecollege.org/women-development-cell-wdc/
16	The M. L. Gandhi Higher Education society, Modasa	http://www.mlghandhimodasa.org/home
17	Sir P T Science College Website	https://sirptsciencecollege.org/

CURRICULUM ENRICHMENT



Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

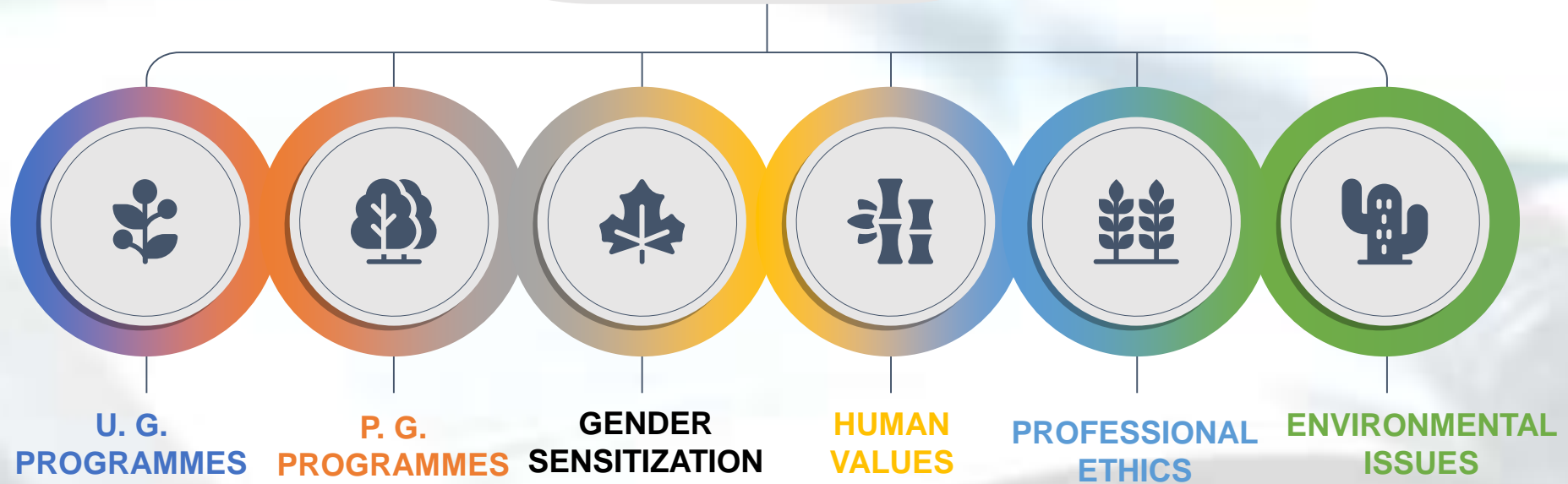


The College affiliated to Hemchandracharya North Gujarat University, Patan. The University designed curriculum, on the basis of gender, Environment and sustainability, human values and professional ethics. The core courses having ethical value will be a part of value education leading towards sensitizing the students on the value of life and preparing them for life.



Gender equality is an important human right. Our constitution gives equal rights to man and woman apart from their gender. Following generic courses regarding Gender Equality are introduced in our curriculum to aware UG students.

PROGRAMS/COURSES





MALE FEMALE ENROLLMENT

YEAR	TOTAL	MALE	FEMALE	FEMALE ENROLLMENT(%)
2018-19	483	249	234	48.44
2019-20	519	256	263	50.67
2020-21	369	175	194	52.57
2021-22	425	188	237	55.76
2022-23	304	143	161	52.96
2023-24	283	126	157	55.47
2024-25	360	172	188	52.22

✓ **Average 52.58% female enrollment of last seven years.**



OUTCOMES FOR GENDER SENSITIZATION

SR NO	ACTIVITIES
1	INITIATION NCC GIRLS WING
2	NSS REGISTRATION INCREASING
3	ENROLLMENT INCREASES
4	PROMOTION IN SPORTS ACTIVITY
5	FORMATION OF WOMAN'S SCIENCE CLUB
6	AWARENESS PROGRAM INCREASES
7	GENDER AUDIT
8	GIRL'S AMENITIES INCREASES
9	PASS PERCENTAGE INCREASES
10	NO OF GOLD MEDALS ARE INCREASES
11	SRC NOMINATION INCREASES
12	IQAC NOMINATION INCREASES
13	CORPORATE CULTURE PROMOTIONS
14	INSPIRED FOR HIGHER EDUCATION
15	INSPIRED FOR RESEARCH AND DEVELOPMENT ACTIVITIES INCREASE
16	ENTREPRENEURSHIP INCREASES
17	SPIRITUAL AND HOLISTIC ASPECTS INCREASE
18	NO OF INNOVATION ACTIVITIES INCREASE

GENDER SENSITIZATION

Sr. No	Documents	Links of Documents
1	Women Development Cell	https://sirptsciencecollege.org/wp-content/uploads/2024/05/CWDC-final-vision-and-mission.pdf
2	Women Development Cell Educational Visits	https://sirptsciencecollege.org/media-news/National Women's Day अंतर्गत विज्ञान संकरः
3	Women Cell Events Report - Website Link	https://sirptsciencecollege.org/women-development-cell-wdc/
4	Gender Equity Report	https://sirptsciencecollege.org/women-development-cell-wdc/
5	Gender Equity Success Story	GIRLS WING NCC SSIP GENDER SENSITIZATION * WOMEN EMPOWERMENT STATE LEVEL STUDENT PRESENTATION VIDEO\Tanvi.mp4

HUMAN VALUES AND PROFESSIONAL ETHICS

Sr. No	Documents	Links of Documents
1	COVID Awareness Vaccination Drive	https://sirptsciencecollege.org/covid-19/
2	Details of course related to Human Values And Professional Ethics	02 Human Society & Ethics 12 Social Ethics 14 Eg-222 Human rights 06 Eg-122 Disaster Management https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBC_ODE_date_20-02-2021.pdf https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBC_ODE-2020.pdf https://sirptsciencecollege.org/pdfs/Syllabus-of-various-Courses.pdf
3	Activity report of Nature Club, NSS, NCC	https://sirptsciencecollege.org/co-curricular/ https://sirptsciencecollege.org/pdfs/NCCREPORT_YEAR.pdf

ENVIRONMENT AND SUSTAINABILITY

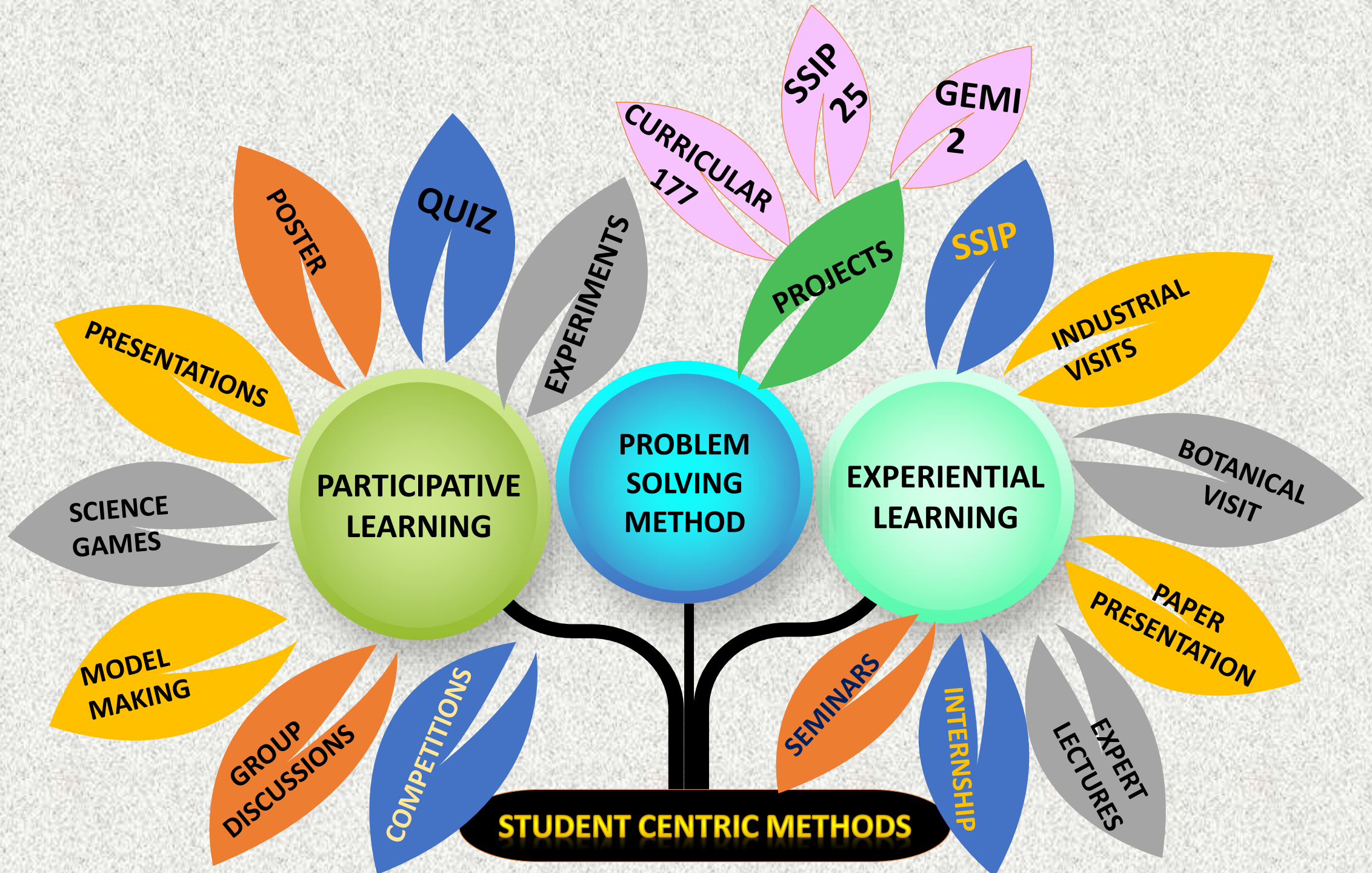
Sr. No	Documents	Links of Documents
1	<p>Details of course related to Environmental Studies</p> <p>05 Eg-121 Environmental Studies</p> <p>88 Environmental Pollution</p> <p>78 Air Pollution</p> <p>90 Water Quality Analysis</p> <p>74 Biodiversity</p> <p>97 Climate Change</p> <p>62 Pollution Microbiology</p>	<p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE_date_20-02-2021.pdf</p> <p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE-2020.pdf</p> <p>https://sirptsciencecollege.org/pdfs/Syllabus-of-various-Courses.pdf</p>
2	<p>Green Science: Empowering Sustainability Initiatives</p>	<p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/UNO-17.pdf</p>
3	<p>Environment Audit report</p>	<p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/Environment-Audit.pdf</p>
4	<p>Green Audit report</p>	<p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/Green-Audit.pdf</p>
5	<p>Energy Audit report</p>	<p>https://sirptsciencecollege.org/naac-criteria-7/</p> <p>https://sirptsciencecollege.org/wp-content/uploads/2024/05/Certificates.pdf</p>



2

**TEACHING
LEARNING
AND
EVALUATION**

A circular arrangement of 18 educational icons including a pencil, ruler, graduation cap, pencil, book, magnifying glass, calculator, microscope, trophy, scissors, glasses, test tubes, gear, molecular structure, and atom.





Latitude: 23.453197
Longitude: 73.290991
Elevation: 152.77±24 m
Accuracy: 22.8 m
Time: 01-31-2023 13:16
Note: DIY Kit Activity, Basic Electronics Kit

STUDENT START UP AND INNOVATION PROGRAMS



BOTANICAL VISITS



Latitude: 23.453531
Longitude: 73.291216
Altitude: 113.5±5 m
Accuracy: 53.4 m
Time: Wednesday, 10/01/2023 11:22
Note: Seminar Guidelines for TET and Competitive Exams

GUEST LECTURES



INDUSTRIAL VISITS



EDUCATIONAL VISITS



INTERNSHIP



STUDENTS INTERACTION WITH NOBEL LAUREATES



CONFERENCES



PROBLEM SOLVING METHODOLOGY





Botanical Garden- Learning Resource

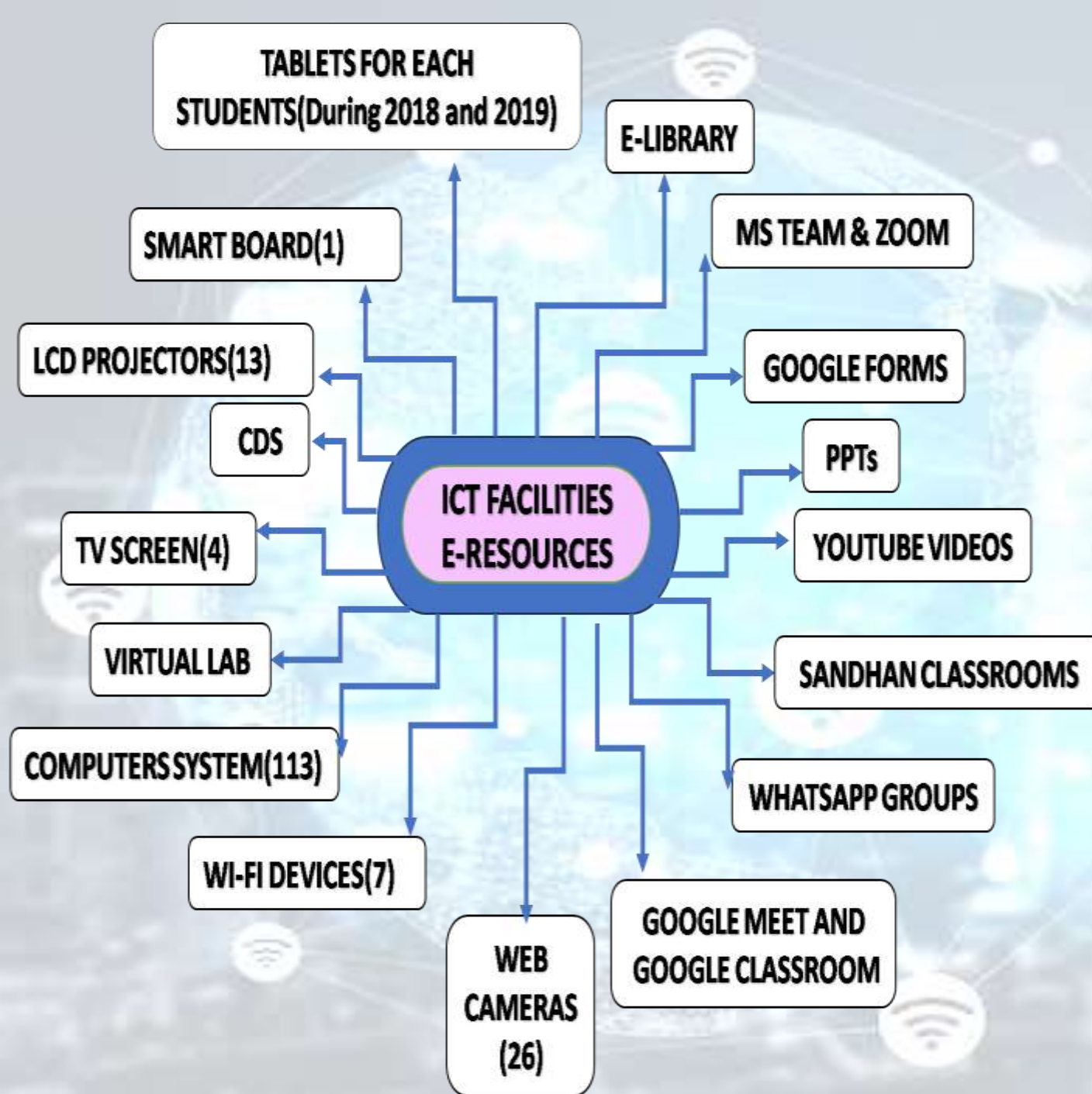
Nursery Gardening and Waste to Best



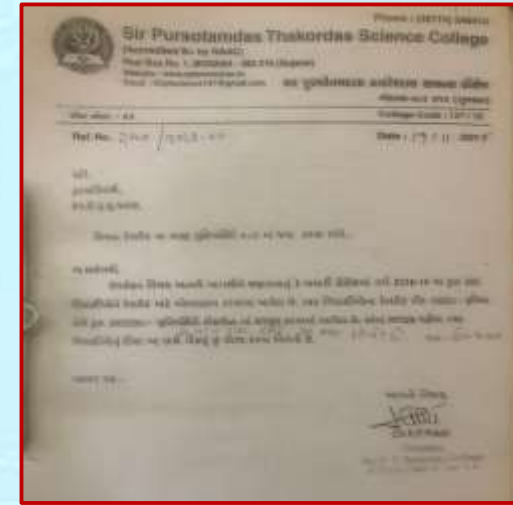
SR NO.	STUDENT CENTRIC ACTIVITIES NAME	NUMBER OF ACTIVITIES DURING 2017 TO 2024
1	SSIP + GEMI PROJECTS	27
2	CURRICULAR PROJECTS	177
3	EXPERT/GUEST LECTURES	37
4	INDUSTRIAL VISITS	5
5	POSTER PRESENTATION	23
6	QUIZ/PUZZLE COMPETITION	17
7	EDUCATIONAL VISITS	24
8	INTERNSHIP	8
9	CONFERENCES/SEMINARS	55
10	AWERNESS PROGRAMS	232
11	SCIENCE CARNIVAL	14
12	BOTANICAL VISITS	10
13	NSS AND NCC PROGRAMS	367

ICT ENABLED TEACHING

- The college has well equipped with computer labs and all classrooms of theory are also equipped with LCD Projector and connected CPU having internet and Wi-Fi Facilities.
- Teachers have explored various online learning platforms like Google Meet, Zoom and Microsoft Teams during their online mode of teaching-learning Practices.
- Study materials were also shared through different media like Google Classroom, E-Mail, Blogs, and What's App etc. Students were also provided with lecture series of SANDHAN which is in local language and helps students to understand better. Teachers also used Power Point presentations. This helped students to get habituated to the computers.
- In teaching-learning processes, E-books and other study materials are being shared with students as it cuts the cost and handy to use.
- Department of Mathematics uses Dell Lab for conducting practical. All computers in lab are updated with software like Tally, MATLAB, MS Office and other necessary software.
- ICT Enabled Teaching is in practice to make classes more exciting and thorough.
- Teachers make the best use of ICT in the classrooms and visual presentations really keep the students engaged. Preparation for competitive exams.



MY OWN COMPUTER: PERSONAL **TABLET FOR ALL 385 STUDENTS**

A large table listing student names and details. The table has multiple columns and rows, containing names and other information. The text is in Marathi.

Implementation of E-Governance in areas of operation



Administration

- [COGENT PORTAL](#)
- [ERP PORTAL](#)



Finance and Accounts

- TALLY ERP 9 SOFTWARE



Student Admission and Support

- [GCAS PORTAL](#)
- ERP ADMISSION PORTAL
- [COLLEGE WEBSITE](#)



Examination

- HNGU ERP EXAMINATION PORTAL
- COLLEGE ERP EXAMINATION PORTAL



TEACHING LEARNING PROCESS SUSTAINED DURING COVID-19

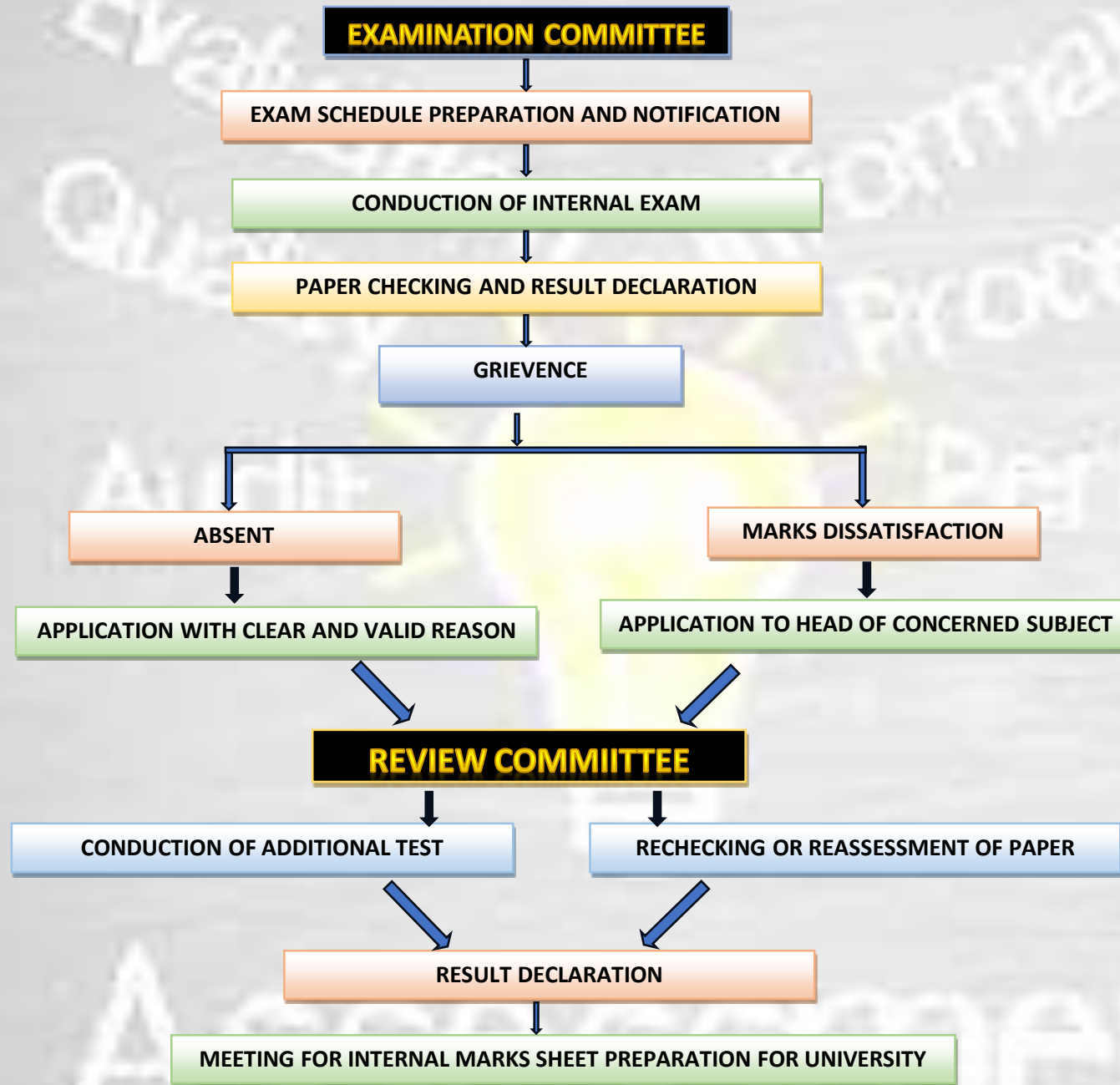
ONLINE PLATFORMS



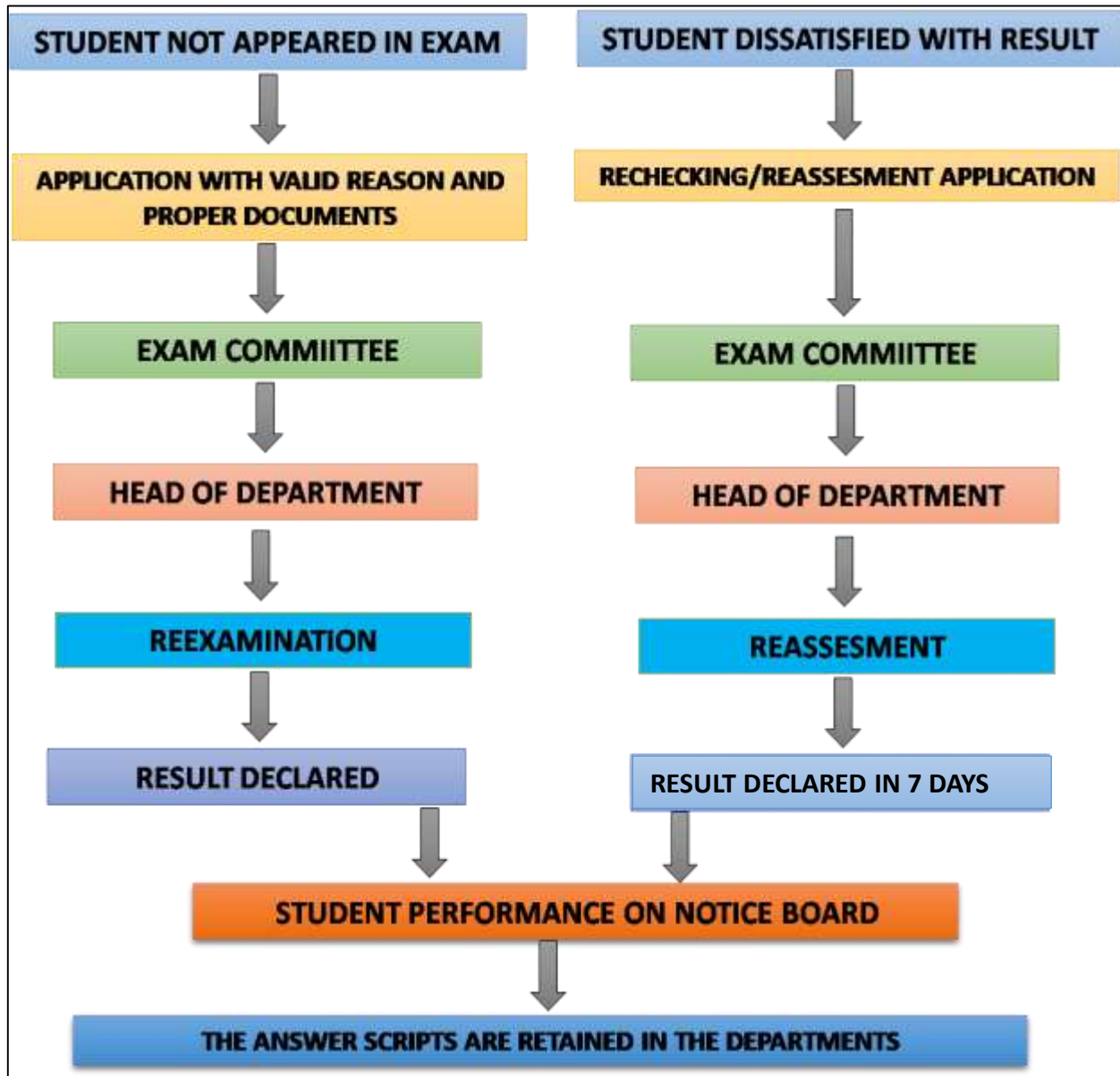
Online Orientation program



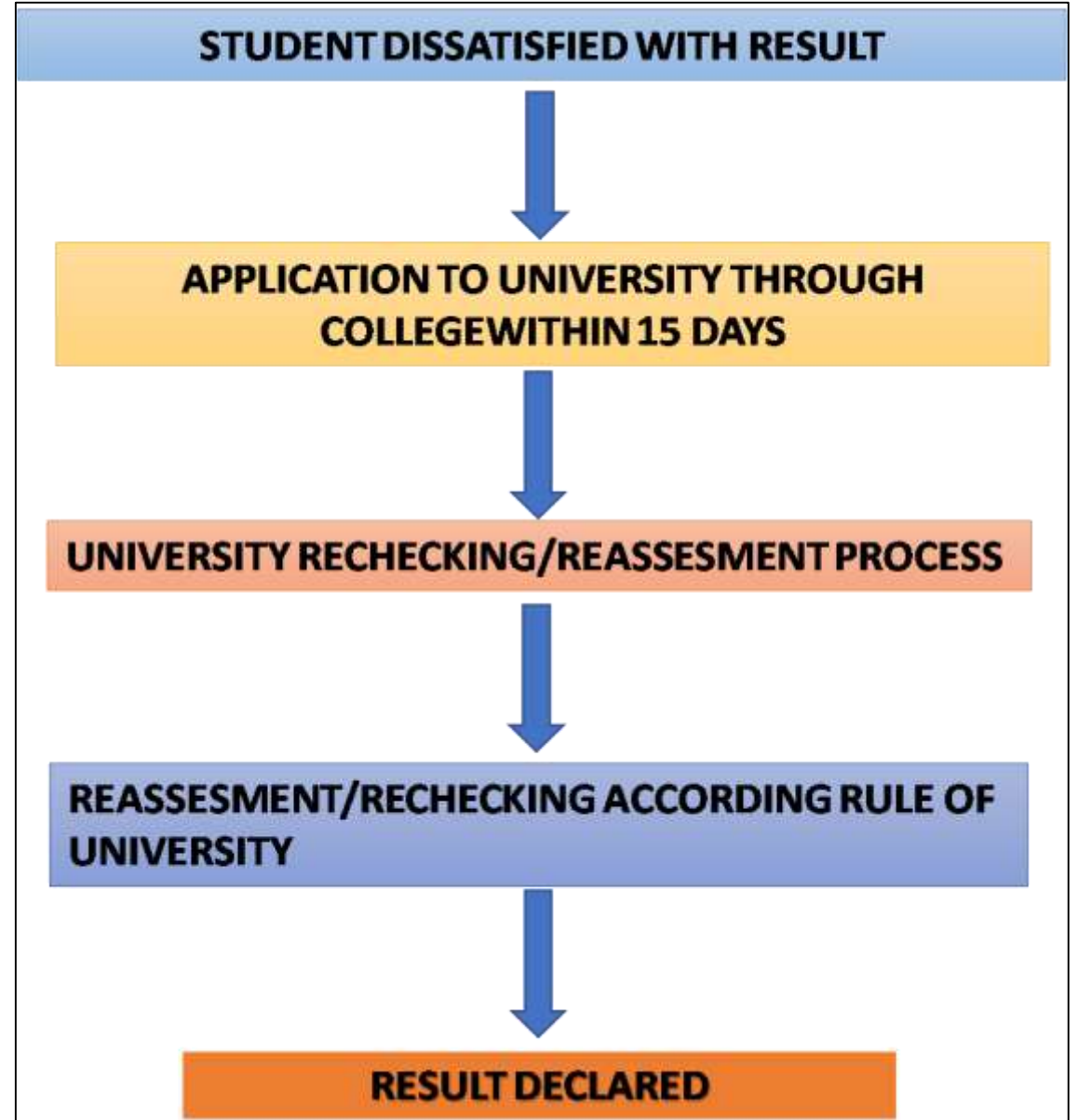
EVALUATION PROCESS AND REFORMS



GRIEVANCE REDRESSAL SYSTEM



AT INSTITUTION LEVEL



AT UNIVERSITY LEVEL

STUDENT PERFORMANCE AND LEARNING OUTCOME (POs AND COs)

- <https://sirptsciencecollege.org/syllabus/>
- <https://sirptsciencecollege.org/wp-content/uploads/2024/05/2.6.1.pdf>

Sr No.	Program	Course Outcomes (COs)	Programme Outcomes (POs)
1	Chemistry	https://sirptsciencecollege.org/wp-content/uploads/2024/09/chemistry.pdf	https://sirptsciencecollege.org/wp-content/uploads/2024/09/chemistry.pdf
2	Botany	https://sirptsciencecollege.org/wp-content/uploads/2024/09/botany.pdf	https://sirptsciencecollege.org/wp-content/uploads/2024/09/botany.pdf
3	Maths	https://sirptsciencecollege.org/wp-content/uploads/2024/09/maths.pdf	https://sirptsciencecollege.org/wp-content/uploads/2024/09/maths.pdf
4	Physics	https://sirptsciencecollege.org/wp-content/uploads/2024/09/physics.pdf	https://sirptsciencecollege.org/wp-content/uploads/2024/09/physics.pdf
5	Microbiology	https://sirptsciencecollege.org/microbiology/	https://sirptsciencecollege.org/microbiology/

Evaluation Of Attainment of POs and COs

ATTAINMENT CRITERIA	3	2	1	0	Threshold 1 for attainment	46	CO PASSING MARKS OUT OF 120	48	STUDENT													
					Please fill "AB" for Absent and "UR" for Unregistered candidate(s)																	
Sir P. T. Science College Modasa																						
Faculty Name:	Dr.H S K, Prof A Z C		Department	Botany		SUBJECT	Plant Reproductive Biology															
Course:	B.Sc.		YEAR	III		SEM	6		SUBJECT CODE	CCBOT601												
Attainment for Midterm & University Examination																						
S. No	Roll No	Name of Student	Midsem					Assignment					HNGU	MM	%	%	%	%	%	%	%	
			CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5										
CO WISE MAXIMUM MARKS			10	10	10	10	0	3	3	2	2	0	70	100	100	100	100	100	100	100	100	100
1	5301	ALPESH KESHABHAI BARITA	9	8	9	6		3.00	3.00	2.00	2.00		47.00	92.31	94.62	91.67	88.87					83.81
2	5302	ANILUBEN KASHIRAM LABANA	10	8	8	8		3.00	3.00	2.00	2.00		49.00	100.00	94.62	83.33	83.33					87.82
3	5303	ASHISHBHAI HARISHBHAI KATARA	8	9	8	0		3.00	3.00	2.00	2.00		46.00	84.62	92.31	83.33	18.87					69.23
4	5304	DAXABEN VAGHABHAI DAMOR	9	8	6	0		3.00	3.00	2.00	2.00		38.00	92.31	94.62	86.67	18.67					65.06
5	5305	DHANRAJESINH JAYDIPSINH RATHOD	9	9	9	7		3.00	3.00	2.00	2.00		49.00	92.31	92.31	91.67	75.00					87.82
6	5306	HARSH BALDEVBHAI BARDOT	10	9	9	5		3.00	3.00	2.00	2.00		46.00	100.00	92.31	91.67	58.33					85.58
7	5307	HEPEE GHANASHYAMSINH KHANT	9	9	8	9		3.00	3.00	2.00	2.00		58.00	92.31	92.31	83.33	91.67					89.90
8	5308	ITISHABEN BHARATBHAI PARMAR	8	8	7	0		3.00	3.00	2.00	2.00		36.00	84.62	94.62	75.00	18.67					65.22
9	5309	JAYDIPKUMAR NARANBHAI VARSAT	8	8	10	3		3.00	3.00	2.00	2.00		44.00	84.62	94.62	100.00	41.67					77.72
10	5310	MANSI SUJITKUMAR BARAIYA	9	9	9	5		3.00	3.00	2.00	2.00		47.00	92.31	92.31	91.67	58.33					83.65
11	5311	MEHULBHAI DINESHBHAI DAMOR	6	6	8	4		3.00	3.00	2.00	2.00		39.00	69.23	69.23	83.33	59.99					67.95
12	5312	NARENDRABHAI BHAGVANBHAI KHANT	9	9	8	5		3.00	3.00	2.00	2.00		46.00	92.31	92.31	83.33	58.33					81.57
13	5313	NIUTANBEN SHAILENDRAJESINH RATHOD	9	10	8	6		3.00	3.00	2.00	2.00		46.00	92.31	100.00	83.33	66.67					85.58
14	5314	SAHILKUMAR NIRANJANBHAI PARGI	8	9	8	0		3.00	3.00	2.00	2.00		40.00	84.62	92.31	83.33	18.67					68.23
15	5315	SANKET PRAVINKUMAR VANKAR	10	10	5	6		3.00	3.00	2.00	2.00		46.00	100.00	100.00	58.33	66.67					81.25
16	5316	SMIT NARSINHBHAI ASARI	8	5	8	8		3.00	3.00	2.00	2.00		44.00	84.62	81.54	83.33	83.33					78.21
17	5317	SNEHA RAKESHKUMAR DABGAR	10	9	8	5		3.00	3.00	2.00	2.00		47.00	100.00	92.31	83.33	58.33					83.48
18	5318	TITHI RAJINKANT ZEPARKAR	10	10	7	5		3.00	3.00	2.00	2.00		47.00	100.00	100.00	75.00	58.33					83.33
19	5319	VIJAYBHAI LALABHAI SANGADA	3	3	9	6		3.00	3.00	2.00	2.00		38.00	46.15	46.15	91.67	66.67					62.66
20	5320	VIKRAMBHAI ARJANBHAI VAGADIA	7	8	8	6		3.00	3.00	2.00	2.00		34.00	76.92	84.62	83.33	66.67					77.88
21																						
100																						
OVERALL ATTAINMENT								ABSENTEE-NOT ATTEMPT					0	0	0	0	0					
1. Attainment through internal assessment:			3.00					PRESENT STUDENT OR ATTEMPT					20	20	20	20	20					
2. Attainment through university examination:			1.50					NO. OF STUDENTS SECURE MARKS > THRESHOLD MARKS					11	18	19	20	15					
3. Weightage given to the internal examination (30%):			0.90					% OF STUDENTS SECURE MARKS > THRESHOLD MARKS					55.00	95.00	95.00	100.00	75.00					
4. Weightage given to the university examination (70%):			1.05					Attainment (1 ≥ 70%, 2 ≥ 60%, 1 ≥ 50%)					1.50	3.00	3.00	3.00	3.00					
5. Final attainment level of the course (by Direct Assessment):			1.95					Final attainment level CO (by Direct Assessment):					1.80	1.80	1.80	1.80						

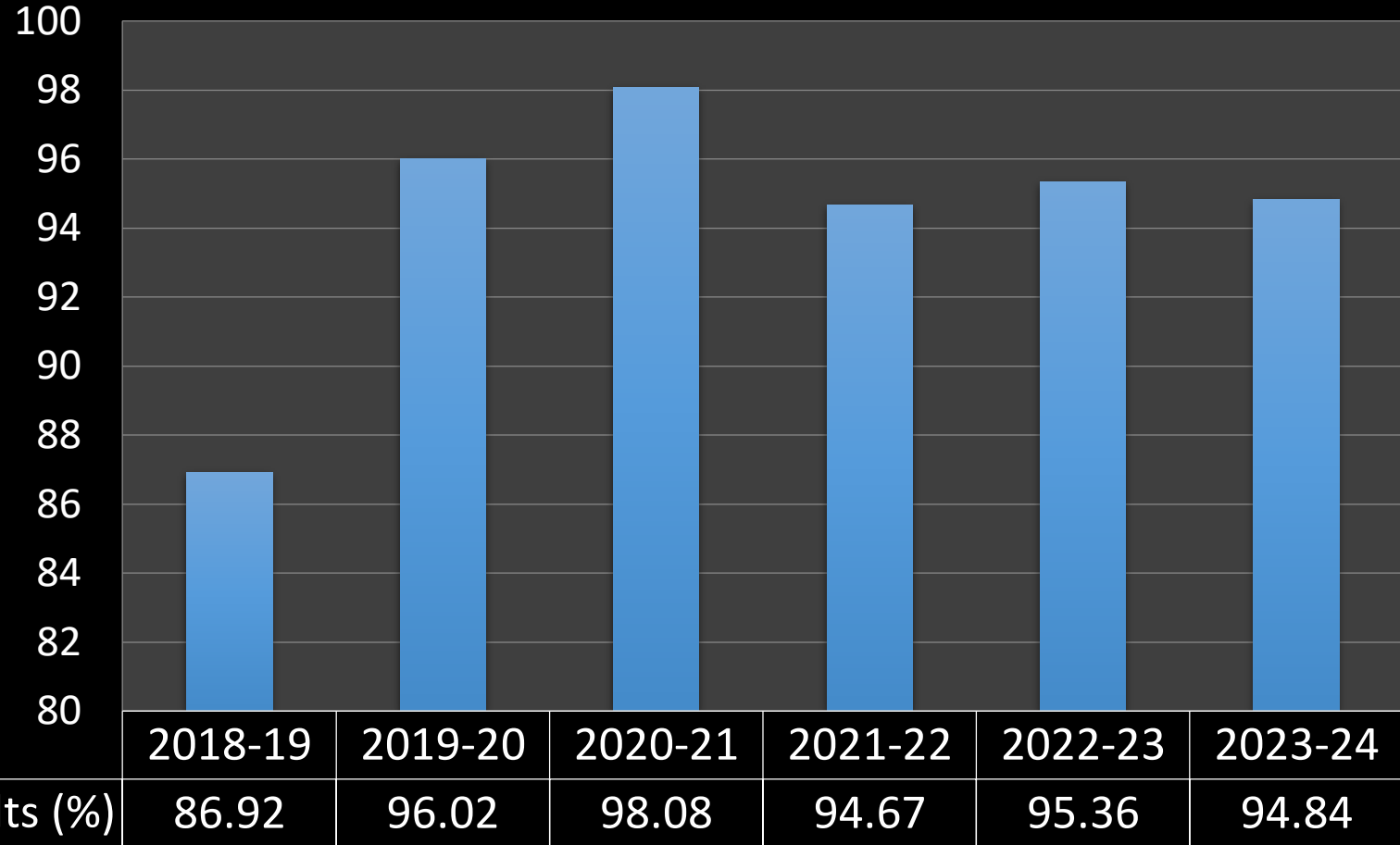
Sir P. T. Science College, Modasa																
FACULTY NAME:							Dr.H S K, Prof A Z C									
BRANCH:		Botany					SESSION:		2022-23							
COURSE:		YEAR: III					SEMESTER:		6							
SUBJECT:		Plant Reproductive Biology					SUBJECT CODE:		CCBOT601							
PO ATTAINMENT USING CO (DIRECT METHOD)																
CO PO MAPPING																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
CO1	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
CO2	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
CO3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WT. AVG	3.00	3.00	3.00													
Overall Mapping of Subject															3.00	
CO - PO-PSO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	ATT
CO1	1.80	1.80	1.80													0.60
CO2	1.80	1.80	1.80													0.60
CO3	1.80	1.80	1.80													0.60
CO4																0.60
CO5																
AVG	1.80	1.80	1.80													
Overall Attainment of Subject															1.80	

ATTAINMENT OF COs -POs REFLECTED IN FINAL RESULT



RESULTS(%)





Final Year Results (%)



■ Final Year Results (%)

SHINING STARS OF COLLEGE ACHIEVED ACADEMIC EXCELLENCE AT UNIVERSITY LEVEL

Sr No.	Year	Name	Subject	University Rank(1-10)
1	2017	Kumpavat Simaben Arjunbhai	Botany	6
2	2017	Gadhvi Jinalben Mukeshdan	Botany	9
3	2017	Purohit Komalben Bharatbhai	Chemistry	4
4	2017	Bhayla Rumana Mohammedarif	Microbiology	6
5	2018	Desai Hinaben Haribhai	Maths	6
6	2018	Rajpal Dhavalraj Vijaykumar	Physics	1
7	2018	Patel Riyaben Dineshbhai	Physics	7
8	2018	Prajapati Parulben Prakashbhai	Physics	8
9	2018	Malekji Batul Mahammadamin	Physics	9
10	2018	Sada Alfina mustufbhai	Physics	10
11	2019	Patel Pinky Narsibhai	Chemistry	4
12	2019	Patel Nainil Vasantkmar	Chemistry	5
13	2019	Vahora rukaiyabegam abdukkadir	Maths	5
14	2019	Kotwal Abhishek Babubhai	Maths	6
15	2019	Mansuri Sohanabanu Abdulkarim	Maths	10
16	2019	Saini Simranjitkumar Khemchandbhai	Microbiology	2
17	2019	Parmar Jyotikaben khemchandbhai	Microbiology	4
18	2019	Patel Sanskrutiben Vasantbhai	Physics	1
19	2019	Shah Monika Roshanlal	Physics	3
20	2019	Rao Poojakuwar Manoharsinh	Physics	7
21	2019	Meghraj Yuhanzbanu Abdulsattar	Physics	8
22	2019	Patel Sahilkumar Devkaranbhai	Physics	9
23	2021	Khatri Vijaybhai Rameshbhai	Chemistry	1
24	2022	Bariya Kinjalben Bhupatbhai	Botany	7
25	2022	Prajapati Snehalben Rameshbhai	Microbiology	2
26	2022	Bhavsar Niyati Nareshbhai	Maths	8
27	2023	Chaudhary Krishna Kamleshbhai	Microbiology	1

Sr No	Name	Subject	Achievement	Photos
1	Rajpal Dhavraj Vijaykumar	Physics	University Gold Medalist	
2	Patel Sanskrutiben Vasantbhai	Physics	University Gold Medalist	
3	Khatri Vijaybhai Rameshbhai	Chemi.	University Gold Medalist	
4	Chaudhary Krishnaben Kamleshbhai	Micro.	University Gold Medalist	

SHINING STARS OF COLLEGE ACHIEVED GOLD MEDEL AT UNIVERSITY LEVEL



3

RESEARCH,
INNOVATIONS,
EXTENSION ACTIVITIES



INDIAN KNOWLEDGE SYSTEM (IKS)

Subjects	Subject Code
BHARATIYA GYAN PARM PARA -1	AR23IKSGUJ105
BHARATIYA GYAN PARM PARA -2	AR23IKSGUJ105A
NATIONAL SERVICE SCHEME	CO23IKSCOM105A
INDIAN AGRICULTURE	HM23IKSHOM105
HUMAN RIGHTS-2	AR23VACPOS205
INDIAN CONSTITUTE	CO23VACCOM205B
ENVIRONMENTAL STUDIES	HM23VACBA205
SRIMAD BHAGAVAT GEETA	RS23VACBSW205
NSS	EG-39
Shrimad Bhagavat Geeta and Stress Management in Life	EG - 05
Moral Science Ethics & Social Responsibility	EG- 222
Environment Science	EG-23

**RANKING IN
INNOVATION**

CATEGORY

'A'

Performance Analysis

Performance Analysis (Based on ABC Analysis)

Physical Outcome Parameters	No. of Startups supported No. of IPR Activities No. of PoCs supported
Financial Outcome Parameter	% Utilisation of SSIP fund

Category	No of Grantees(%)	No of Grantees (Actual)	Grant Release Rule
A	Top 20%	29	Release 50% of total approved grant of that F.Y. OR 100% of fund utilization in the F.Y., whichever is more. But not exceeding the sanctioned grant for respective F.Y
B	Next 30%	44	If the utilized amount is equal to or more than 50% of the disbursed SSIP grant, the same will reimbursed to the grantees.
C	Remaining 50%	73	Further grant to be released, subject to approval from Policy Implementation Committee (PIC)
	Total 100%	146	

NOTE : The Performance analysis will be based on **locked SSIP Portal data** and therefore, only those grantees will be considered for disbursement which have updated and locked the portal data at the end of every quarter.

SSIP Grantees Performance Analysis List			
Sr	SSIP Grantee Name	SSIP Grantee Type	Performance Category
1	Gujarat University	University	A

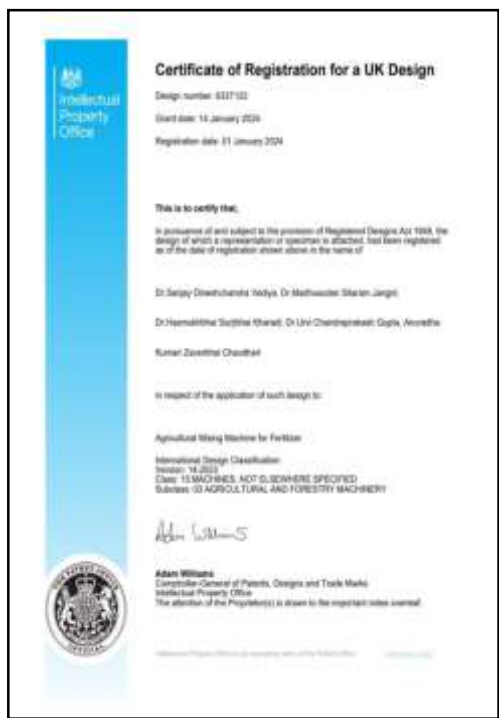
SSIP Grantees Performance Analysis List			
Sr	SSIP Grantee Name	SSIP Grantee Type	Performance Category
2	SAL INSTITUTE OF TECH. & ENGG. RESEARCH, AHMEDABAD 067 (Id: C-75)	Institute	A
3	Gujarat Technological University	University	A
4	Pandit Deendayal Petroleum University	University	A
5	Auro University, Surat	University	A
6	L.D.College Of Engineering, Ahmedabad	Institute	A
7	Silver Oak College of Engineering and Technology	Institute	A
8	Entrepreneurship Development Institute Of India (EDI)	Institute	A
9	National Institute Of Design	University	A
10	ADANI INSTITUTE OF INFRASTRUCTURE ENGINEERING (Id: C-55770)	Institute	A
11	P P Savani University	University	A
12	Kadi Sarva Vishwavidyalaya	University	A
13	L.J. Institute of Engineering and Technology	Institute	A
14	Babaria Institute of Pharmacy, Varnama	Institute	A
15	Institute of Infrastructure, Technology, Research and Management (IITRAM)	Institute	A
16	Marwadi University	University	A
17	CEPT University	University	A
18	Sardargunj Mercantile Co. Op. Bank Ltd. (Anand) English Medium College of Commerce & Management, Vallabh Vidyanagar	Institute	A
19	L.M.College Of Pharmacy, Ahmedabad	Institute	A
20	Vishwakarma Government Engineering College	Institute	A
21	BhavanS Sheth R. A. College Of Arts & Commerce	Institute	A
22	UKA TARSADIA UNIVERSITY	University	A
23	Sir P.T. Science College, Modasa	Institute	A

28 Projects POC/PROTOTYPE, 2 IPR

SR. NO	TITLE	TYPE	STUDENT LEADER	APPROVAL DATE
1	PIGSO LEARNINING EDTECH STARTUP	PoC	Mayank Panchal	9/28/2018
2	RESTAURANT TABLE BOOKING SYSTEM	PoC	Ivanshu Dighe	9/28/2018
3	RENTALL	PoC	Dishant Panchal	3/11/2019
4	DIGITAL NOTICE BOARD	PoC	Dishant Panchal	8/26/2019
5	FIRE STOP SYSTEM	IPR	Prajapati Lokesh H	8/30/2019
6	FIRE STOP SYSTEM	IPR	Prajapati Lokesh H	10/24/2019
7	AFFORDABLE DIGITAL TRANSFORMATION PLATFORM FOR SMES	PoC	Smit H Patel	10/24/2019
8	ECHO FRIENDLY AUTOMATIC PROTECTION OF FARM	PoC	Manav Dineshbhai Patel	1/10/2020
9	STUDY OF OXYGEN LEVEN IN ATMOSPHERE RELEASED BY DIFFERENT TREES	PoC	Chaudhary Disha Kiritbhai	1/10/2020
10	TO FORMULATE THE FUSION DRIVE AT NORMAL TEMPERATURE	PoC	Patel Jaimik	1/10/2020
11	THE REMADICAL STUDY OF THE CHILDREN SUFFERING FROM CEREBRAL PALSY WITH THE ANALYSIS OF ITS CAUSES, DIAGNOSIS AND TREATMENT	IPR	Patel Shruti Dilipbhai	1/10/2020
12	DESIGN, DEVELOPMENT AND OPTIMIZATION OF FEBUXOSTAT TRANSDERMAL PATCH	PoC	Khan Salahuddin Md Osama AR	1/23/2020
13	E-KABADIWALA	PoC	PATEL PRIYABEN DINESHBHAI	3/1/2020
14	REUSE OF WASTE CIGARATE	PoC	RAJPAL DHAVALRAJ VIJAYKUMA	3/1/2020
15	MAHI HANDICRAFT	PoC	Mahenurbanu M Hanif Chauhan	3/1/2020
16	FIRE STOP SYSTEM	IPR	Prajapati Lokesh H	3/5/2020
17	FOOTWEAR SANITIZER TRAY&NBSP; TECHNOLOGIES AGAINST COVID - 19&NBSP;	PoC	Ghanshyambhai D. Patel	7/26/2020
18	NO-TOUCH HAND SANITIZER&NBSP; TECHNOLOGIES AGAINST COVID - 19	Prototype	Unnat C. Patel 	7/26/2020
19	CHEYSRE	PoC	Pandya Jay Kamlesh	7/26/2020
20	UV-C STERILIZER BOX TECHNOLOGIES AGAINST COVID - 19	Prototype	Ghanshyambhai D. Patel	7/26/2020
21	INFININ NEXT-GENERATION CONTENT SHARING, DELIVERY & CREATION PLATFORM	PoC	Krinesh Patel	9/17/2020
22	LOVE BIRDS DARK CHOCOLET VAHANAVATI SONS FOOD LLP	PoC	Prajapati Lokesh Hareshbhai	1/6/2021
23	E- SOLAR BIKE	PoC	Oyesbhai Sadikbhai Dodiya	2/17/2021
24	UVC WIPER	PoC	Kureshi Sarfraz	2/17/2021
25	INFININ NEXT-GENERATION CONTENT SHARING, DELIVERY & CREATION PLATFORM	PoC	Krinesh Patel	2/17/2021
26	MAHI HANDICRAFT	PoC	Mahenurbanu M Hanif Chauhan	2/18/2021
27	UVC TOWER FOR DISINFECTION	PoC	Atul I. Makvana	3/17/2021
28	FIRE STOP SYSTEM	POC	Prajapati Lokesh H	2/18/2021



IPR



BY FACULTIES

BY STUDENTS

Workshops Seminar Sensitisation (Total Beneficiary 4124)

Sr.No	Name	Type	Venue	Date
1	TALK ON BASIC OF INNOVATION BY PROF H C VERMA IIT KANPUR	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	26-01-2018 TO 26-01-2018
2	CONVERT YOUR INNOVATION IN STARTUP DR A H PRABHAKAR GEC MODASA	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	21-08-2018 TO 21-08-2018
3	CONVERT YOUR INNOVATION IN STARTUP	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	01-08-2018 TO 01-08-2018
4	CONVERT YOUR INNOVATION IN STARTUP DR A H PRABHAKAR	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	10-08-2018 TO 10-08-2018
5	INTRODUCTION OF INNOVATION	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	18-12-2018 TO 18-12-2018
6	BASIC OF ENTREPRENEUR BY HARSHAL SANGHAVI	SEMINAR	SEMINAR HALL LAW COLLEGE MODASA	10-01-2019 TO 10-01-2019
7	INNOVATIVE PHYSICS PRACTICAL COMPETITION FOR NORTH GUJARAT	SEMINAR	PHYSICS LAB SIR P T SCIENCE COLLEGE MODASA	28-02-2019 TO 28-02-2019
8	INTRODUCTION OF INNOVATION BY DR SANJAY VEDIYA	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	30-03-2019 TO 30-03-2019
9	INNOVATION BASED NEW COURSES AFTER GRADUATION AND ENTREPRENEURSHIP	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	12-04-2019 TO 12-04-2019
10	BOOT CAMP FOUR DAY WORKSHOP ON SCIENCE TECHNOLOGY AND INNOVATION	WORKSHOP	SSIP INCUBATION CENTER SIR P T SCIENCE COLLEGE	17-06-2019 TO 20-06-2019
11	DIGITAL COLLEGE DIGITAL INDIA	SEMINAR	UGC COLLEGE SEMINAR HALL INCUBATION CENTER SIR P.T SCIENCE COLLEGE, MODASA	24-07-2019 TO 24-07-2019
12	STATE LEVEL COMPETITION ON INNOVATIVE SCIENCE DEMONSTRATION FOR TEACHERS AND SCIENCE COMMUNICATORS	WORKSHOP	SSIP INCUBATION CENTER SIR P T SCIENCE COLLEGE MODASA	22-10-2019 TO 22-10-2019
13	ONE DAY SEMINAR ON IPR INTRODUCTION FOR ARAVALLI SCHOOLS STUDENTS	SEMINAR	SIR P T SCIENCE COLLEGE UGC SEMINAR HALL COLLEGE CAMPUS MODASA	10-01-2020 TO 10-01-2020
14	WORKSHOP ON INNOVATION IN TECHNOLOGY	WORKSHOP	DELL LAB SIR P T SCIENCE COLLEGE MODASA SSIIP INCUBATION CENTER COLLEGE CAMPUS MODASA 383315	22-01-2020 TO 23-01-2020
15	NORTH GUJARAT LEVEL COMPETATION ON INNOVATIVE PHYSICS EXPERIMENTS 2020 CPEX 2020	WORKSHOP	PHYSICS LAB SIR P T SCIENCE COLLEGE, MODASA COLLEGE CAMPUS MODASA	06-02-2020 TO 06-02-2020
16	SHODH ONE DAY STATE LEVEL SEMINAR	SEMINAR	SIR P T SCIENCE COLLEGE MODASA	01-03-2020 TO 01-03-2020
17	SHODH WEBINAR ON "INNOVATION AND ENTEPRENEURSHIP "	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	18-04-2020 TO 20-04-2020
18	WEBINAR ON "INNOVATIONS IN TECHNOLOGY IN THE ERA OF 21ST CENTURY "	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	22-06-2020 TO 24-06-2020
19	SHODH WEBINAR ON "STARTUPS AND ENTREPRENERUSHIP"	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	08-07-2020 TO 10-07-2020
				13-07-2020 TO 15-

Workshops Seminar Sensitisation (Total Beneficiary 4124)

21	SHODH WEBINAR ON CAREERS IN "TECHNOLOGY AND TECHNOLOGICAL STARTUPS"	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	13-07-2020 TO 15-07-2020
22	"शोध" - WEBINAR ON "CAREERS IN PHARMACY AND PHARMACEUTICAL STARTUPS"	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	18-07-2020 TO 20-07-2020
23	ONE DAY WORKSHOP ON HARNESSING INNOVATIVE MINDS HNGU AFFILIATED COLLEGES OF ARAVALLI	SEMINAR	BHMASHA HALL COLLEGE CAMPUS MODASA	30-01-2021 TO 30-01-2021
24	SHODH WEBINAR ON "ROLLER COSTER RIDE TO STARTUPS & INNOVATIONS"	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	05-02-2021 TO 07-02-2021
25	WICC INTERNATIONAL DAY OF WOMEN & GIRLS IN SCIENCE AND TECHNOLOGY	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	11-02-2021 TO 11-02-2021
26	EMPLOYMENT THROUGH SSIP ONE STAPES TWO WORD ENTREPRENEURSHIP ATM NIRBHAR BHARAT.	SEMINAR	SEMINAR HALL SIR P T SCIENCE COLLEGE MODASA	17-02-2021 TO 17-02-2021
27	SSIP ; INTRODUCTION WAY OF ATMNIRBHAR BHARAT	SEMINAR	BHMASHA HALL COLLEGE CAMPUS MODASA	23-02-2021 TO 23-02-2021
28	SHODH WEBINAR ON SCIENCE INNOVATIONS AND SOCIETY"	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	01-03-2021 TO 01-03-2021
29	INNOVATIVE SOLUTION OF ENERGY COLLABORATION WITH GEDA URJA MITRA VAN	WORKSHOP	SIR P T SCIENCE COLLEGE, MODASA COLLEGE CAMPUS MODASA, B.D.SHAH COLLEGE OF EDUCATION MODASA, M.K.SHAH (LATIWALA) SCIENCE COLLEGE, MODASA M.SC IT COLLEGE, MODASA, LIO & LIONS ITI AND DIF & DUMB SCHOOL MODASA, GIDC MODASA, TATV ENGINEERING COLLEGE, MODASA, GEC MODASA	15-03-2021 TO 16-03-2021
30	SSIP SPONSORED ONE DAY WORKSHOP ON "INNOVATION TO ATMANIRABHAR BHARAT"	WORKSHOP	DELL LAB SIR P T SCIENCE COLLEGE, MODASA COLLEGE CAMPUS MODASA	17-03-2021 TO 17-03-2021
31	CELEBRATE "GLOBAL RECYCLING DAY" COLLABORATION WITH WICC	SEMINAR	ONLINE ZOOM APP SIR P T SCIENCE COLLEGE MODASA	18-03-2021 TO 18-03-2021
32	INNOVATIVE IDEA FEST- 2021 " INNOVATIONS => ATMA NIRBHAR BHARAT"	SEMINAR	SEMINAR HALL SIR P T SCIENCE COLLEGE, MODASA COLLEGE CAMPUS MODAS	24-03-2021 TO 24-03-2021

GLIMPSES OF "शोध"

शोध ROLLER COASTER RIDE TO STARTUPS & INNOVATIONS
05 FEB 2021 - 07 FEB 2021
10:30 AM - 11:30 AM

WHAT IS SHODH ?
Shodh is an initiative focused on innovation support for students and faculty members. It provides a platform for them to showcase their ideas and projects. The competition is open to all students and faculty members of IIT Bombay. The competition is held in three phases: Idea Generation, Prototype Development, and Final Presentation. The winners will receive cash prizes and other incentives.

JOINTLY ORGANIZED BY:
IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur, IIT Kharagpur, IIT Madras, IIT Patna, IIT Roorkee, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

GUEST SPEAKERS: DISCUSSIONS & INSIGHTS
Journey of Startup
Journey of Entrepreneurship
Journey of Innovation

ORGANIZING TEAM:
IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

SUPPORTED BY:
Teachmean, IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

AIR JING
AIR JING AIRCRAFT PROJECT
Ready To Fly



STANDARD VERSION

- 1) Weight: 10 Kg
- 2) Power: 700 W
- 3) Operating Voltage: 24 V DC
- 4) Maximum Speed: 40 KMPH
- 5) Charging Time: 4 Hours with no charger
- 6) Maximum Range: on full charging: 40 Km
- 7) Weight carrying capacity: Single / Double seated

DESIGN SPECIFICATIONS

- 1) 2 x 4 Stroke Engine
- 2) Motor Power: 700 W
- 3) Operating Voltage: 24 V DC
- 4) Charging Time: 4 Hours



Post Covid-19 Project UVC Tower

शोध SCIENCE INNOVATIONS AND SOCIETY
01 MARCH 2021
10:30 AM

IN MEMORY OF LATE DR. TUSHAR PANDYA

JOINTLY ORGANIZED BY:
IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

SPEAKERS:
DR. VINAY B. KAMBLE
PROF. K. N. JOSHI
DR. ANIL K. SHARMA
DR. ANIL K. SHARMA
DR. ANIL K. SHARMA
DR. ANIL K. SHARMA

ORGANIZING TEAM:
IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

SUPPORTED BY:
Teachmean, IIT Bombay, SSIP, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIT Patna, IIT Varanasi, IIT Gandhinagar, IIT Hyderabad, IIT Jodhpur, IIT Kanpur.

How To Register?
Click on below Registration link to register for this webinar.
CLICK HERE TO REGISTER

AIR JING
AIR JING AIRCRAFT PROJECT
Ready To Fly



STANDARD VERSION

- 1) Weight: 10 Kg
- 2) Power: 700 W
- 3) Operating Voltage: 24 V DC
- 4) Maximum Speed: 40 KMPH
- 5) Charging Time: 4 Hours with no charger
- 6) Maximum Range: on full charging: 40 Km
- 7) Weight carrying capacity: Single / Double seated

DESIGN SPECIFICATIONS

- 1) 2 x 4 Stroke Engine
- 2) Motor Power: 700 W
- 3) Operating Voltage: 24 V DC
- 4) Charging Time: 4 Hours



Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development



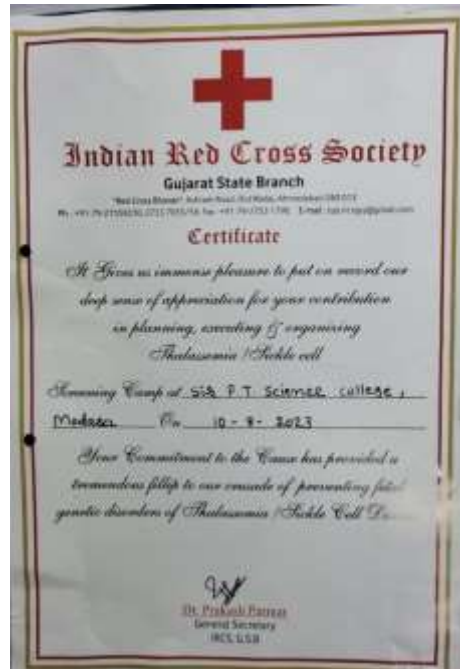
YEAR	2022-23	2021-22	2020-21	2019-20	2018-19	Total
Activities	45	32	42	65	25	209

Brief Report Link.

➤ [NCC REPORT YEAR.pdf \(sirptsciencecollege.org\)](https://sirptsciencecollege.org/NCC_REPORT_YEAR.pdf)

➤ [College Activity | Sir P.T .Science College – Modasa \(sirptsciencecollege.org\)](https://sirptsciencecollege.org/College_Activity_|_Sir_P.T_.Science_College_-_Modasa)

AWARDS AND RECOGNITIONS RECEIVED FOR EXTENSION ACTIVITIES FROM GOVERNMENT / GOVERNMENT RECOGNIZED BODIES



AWARDS AND RECOGNITIONS RECEIVED FOR EXTENSION ACTIVITIES FROM GOVERNMENT / GOVERNMENT RECOGNIZED BODIES

SR NO	YEAR	STUDENT NAME	NAME OF ACTIVITY	NAME OF AWARDING/RECOGNIZE BODIES
1	2019-20	Prajapati Khushal Kumar	Physics experimental competition	CPEX
2	2019-20	Jitpura Anurag	Physics experimental competition	CPEX
3	2019-20	Prajapati Khushal Kumar	Physics experimental competition	NANI, IAPT
4	2019-20	Jitpura Anurag	Physics experimental competition	NANI, IAPT
5	2020-21	Shruti Patel	NCSC Project 2020-21	NCSTC And DST INDIA
6	2020-21	Chaudhari Disha	NCSC Project 2020-21	NCSTC And DST INDIA
7	2021-22	Manat Sejal Jivabhai	Coding Competition	Commissioner of Higher Education
8	2021-22	Pandya Yagna Sanjaybhai	Coding Competition	Commissioner of Higher Education
9	2021-22	Rajpal Davalraj Vijaykumar	Coding Competition	Commissioner of Higher Education
10	2021-22	Upadhyay Zalakben Baveshkumar	Coding Competition	Commissioner of Higher Education

SR NO	YEAR	STUDENT NAME	NAME OF ACTIVITY	NAME OF AWARDING/RECOGNIZE BODIES
11	2021-22	Vyas Mahimnkumar Ashokbhai	Coding Competition	Commissioner of Higher Education
12	2021-22	Sathvara Suhasiben Bharatkumar	Coding Competition	Commissioner of Higher Education
13	2021-22	Sharma Gopi Navdharaben	Coding Competition	Commissioner of Higher Education
14	2021-22	Patel Priyaben Dineshbhai	Coding Competition	Commissioner of Higher Education
15	2021-22	Patel Kalyani Girishbhai	Coding Competition	Commissioner of Higher Education
16	2021-22	Chauhan Rajeshvariben Indrajitsinh	Coding Competition	Commissioner of Higher Education
17	2022-23	Karan Prajapati	Quiz	IAPT
18	2022-23	Chaudhari Viraj Kumar	Quiz	IAPT
19	2022-23	Khatari Sadhanaben	Quiz	Government of Government of Gujarat
20	2022-23	Pruthviraj	Quiz	Government of Government of Gujarat
21	2022-23	Jay Patel	Home laboratory experiment	NANI, IAPT, Vigyan Prasar



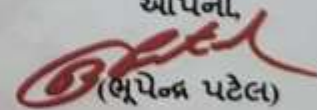
ભુપેન્દ્ર પટેલ
મુખ્યમંત્રી, ગુજરાત રાજ્ય

સ્નેહી શ્રી પાર્થભાઈ,
નમસ્કાર.

આઝાદીના અમૃતકાળની ઉજવણી પ્રસંગે તા. ૨૩ જાન્યુઆરી, ૨૦૨૪ના રોજ આઈ. પી. એસ. એકેડેમી ઇન્સ્ટિટ્યુટ ઓફ સાયન્સ એન્ડ રિસર્ચ ઇન્દોર અને ઇન્ડિયન એસોસિએશન ઓફ ફિઝીક્સ ટીચર્સ RC - 9 (મધ્યપ્રદેશ)ના સંયુક્ત ઉપક્રમે આયોજિત પ્રોફેસર બાબુલાલ શરાફ મેમોરિયલ નેશનલ IPSA સાયન્સ પ્રદર્શનમાં સર પી. ટી. સાયન્સ કોલેજ, મોડાસામાં અભ્યાસની સાથે સાથે વર્કિંગ વિજ્ઞાન મોડેલ પ્રદર્શનમાં રાષ્ટ્રીય હરીફાઈમાં આપે ભાગ લઈ ટેલિસ્કોપના નવતર વર્કિંગ વિજ્ઞાન મોડેલ્સને પ્રથમ ક્રમાંક સાથે રૂ. ૨૧૦૦૦/-ના પુરસ્કારથી સન્માનિત થયા છે તે જાણી અતિ પ્રસન્નતા અનુભવું છું.

ભારતીય સંસ્કૃતિમાં શિક્ષણનું મહત્ત્વ અનેરું છે. માત્ર શિક્ષણ જ નહીં પરંતુ કૌશલ્ય ધરાવતા સૌ કોઈનું પણ સમાજમાં અદકેરું સ્થાન છે. આદરણીય વડાપ્રધાન શ્રી નરેન્દ્રભાઈ મોદી વર્તમાન શિક્ષણમાં કૌશલ્ય વિકાસનો પણ સમાવેશ કરવામાં આવે તેના પર હંમેશાં ભાર મૂકતા આવ્યા છે. “પુરુષાર્થના પરિબળથી વિદ્યાતાનું વલણ પણ બદલાઈ જતું હોય છે” એ ઉક્તિને યથાર્થ કરનારા કુશળ લોકો જીવનમાં ક્યારેય પીછેહઠ કરતા નથી. માં સરસ્વતીની અસીમ કૃપા અને નિપુણતા થકી શિક્ષણ તેમજ પ્રત્યેક ક્ષેત્રની કામગીરી વધુ વેગવંતી બને તો આપણો દેશ વધુ સમૃદ્ધ બને. આપની આ સિદ્ધિ બદલ હૃદયપૂર્વક અનેકાનેક શુભેચ્છા પાઠવું છું.

આપ ઉત્તરોત્તર પ્રગતિનાં સોપાન સર કરતા રહો અને આપના માતાપિતા, સંસ્થા અને રાષ્ટ્રને ગૌરવ અપાવતા રહો એજ શુભેચ્છા સાથે સંસ્થા તથા સંબંધિત સહુ સહયોગીઓને અભિનંદન.

આપનો,

(ભુપેન્દ્ર પટેલ)

To,
Shree Parthbhai D. Mehta,
Sir P. T. Science College, Modasa, (M. Sc. Sem IV),
Post Box No. 1, At & Po. Modasa, Dist. Arvalli - 383315,
Email : sirptscience127@gmail.com



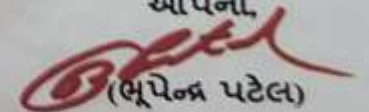
ભુપેન્દ્ર પટેલ
મુખ્યમંત્રી, ગુજરાત રાજ્ય

સ્નેહી શ્રી અક્ષેશભાઈ,
નમસ્કાર.

આઝાદીના અમૃતકાળની ઉજવણી પ્રસંગે તા. ૨૩ જાન્યુઆરી, ૨૦૨૪ના રોજ આઈ. પી. એસ. એકેડેમી ઇન્સ્ટિટ્યુટ ઓફ સાયન્સ એન્ડ રિસર્ચ ઇન્દોર અને ઇન્ડિયન એસોસિએશન ઓફ ફિઝીક્સ ટીચર્સ RC - 9 (મધ્યપ્રદેશ)ના સંયુક્ત ઉપક્રમે આયોજિત પ્રોફેસર બાબુલાલ શરાફ મેમોરિયલ નેશનલ IPSA સાયન્સ પ્રદર્શનમાં સર પી. ટી. સાયન્સ કોલેજ, મોડાસામાં અભ્યાસની સાથે સાથે વર્કિંગ વિજ્ઞાન મોડેલ પ્રદર્શનમાં રાષ્ટ્રીય હરીફાઈમાં આપે ભાગ લઈ ટેલિસ્કોપના નવતર વર્કિંગ વિજ્ઞાન મોડેલ્સને પ્રથમ ક્રમાંક સાથે રૂ. ૨૧૦૦૦/-ના પુરસ્કારથી સન્માનિત થયા છે તે જાણી અતિ પ્રસન્નતા અનુભવું છું.

ભારતીય સંસ્કૃતિમાં શિક્ષણનું મહત્ત્વ અનેરું છે. માત્ર શિક્ષણ જ નહીં પરંતુ કૌશલ્ય ધરાવતા સૌ કોઈનું પણ સમાજમાં અદકેરું સ્થાન છે. આદરણીય વડાપ્રધાન શ્રી નરેન્દ્રભાઈ મોદી વર્તમાન શિક્ષણમાં કૌશલ્ય વિકાસનો પણ સમાવેશ કરવામાં આવે તેના પર હંમેશાં ભાર મૂકતા આવ્યા છે. “પુરુષાર્થના પરિબળથી વિદ્યાતાનું વલણ પણ બદલાઈ જતું હોય છે” એ ઉક્તિને યથાર્થ કરનારા કુશળ લોકો જીવનમાં ક્યારેય પીછેહઠ કરતા નથી. માં સરસ્વતીની અસીમ કૃપા અને નિપુણતા થકી શિક્ષણ તેમજ પ્રત્યેક ક્ષેત્રની કામગીરી વધુ વેગવંતી બને તો આપણો દેશ વધુ સમૃદ્ધ બને. આપની આ સિદ્ધિ બદલ હૃદયપૂર્વક અનેકાનેક શુભેચ્છા પાઠવું છું.

આપ ઉત્તરોત્તર પ્રગતિનાં સોપાન સર કરતા રહો અને આપના માતાપિતા, સંસ્થા અને રાષ્ટ્રને ગૌરવ અપાવતા રહો એજ શુભેચ્છા સાથે સંસ્થા તથા સંબંધિત સહુ સહયોગીઓને અભિનંદન.

આપનો,

(ભુપેન્દ્ર પટેલ)

To,
Shree Aksheshbhai D. Prajapati,
Sir P. T. Science College, Modasa, (B. Sc. Sem IV),
Post Box No. 1, At & Po. Modasa, Dist. Arvalli - 383315,
Email : sirptscience127@gmail.com

ACTIVITIES PHOTOGRAPHS YEAR: 2018-2024

*Shri Subashbhai Shah-President of Nagarpalika Modasa & CO Sir 34GUJBN NCC
HMT,NCC Cadets of our College: Duty of Covid – 19*



NCC



N S S Unit Sir P T Science College, Modasa



CELEBRATION OF KITE FESTIVAL WITH DEAF AND DUMB ITI STUDENTS AT MODASA

TREE PLANTATION PROGRAMME BY COLLEGE STUDENTS



GAYTRI PARIVAR AND NATIONAL YOUTH DAY CELEBRATION

ALL CADETS ARE COVERED UNDER THALASSEMIA TEST THEY HAVE ALSO CREATED AWARENESS IN THE OTHER STUDENTS



**BLOOD DONATION CAMP
ORGANIZED BY NCC AND NSS
UNIT**



NSS





**1ST RANK IN TABLE-TENNIS-
RUTVIK UPADHYAY & RAJESH
KHARADI PTI**

**SPORTS
ACTIVITIES**



SPORT GIRLS IN UNIVERSITY HOCKY TEAM



CELEBRATION INTERNATIONAL YOGA DAY

Research Publications and Awards



**NATIONAL LEVEL AWARDS FIRST PRIZE
BEST INNOVATIVE TELESCOPE MODEL
AT
IPS ACADEMY, INDORE**



Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Patel Prapti Ramjibhai	Botany	2022-23	4 lakhs	2 Years	SHODH	Government
Ninama Surbhi Bipenchandra	Botany	2022-23	4 lakhs	2 Years	SHODH	Government
Patel Vinaykumar Amarabhai	Chemistry	2022-23	4 lakhs	2 Years	SHODH	Government
Rutambhar Bharatbhai Patel	Chemistry	2023-24	4 lakhs	2 Years	SHODH	Government
Chauhan Mohini Dineshbhai	Botany	2023-24	4 lakhs	2 Years	SHODH	Government
Parikh Vishal Chandrakantbhai	Botany	2023-24	4 lakhs	2 Years	SHODH	Government

ScHeme Of Developing **H**igh Quality research

INSTITUTE FALICITATED BY THE SOCIETY

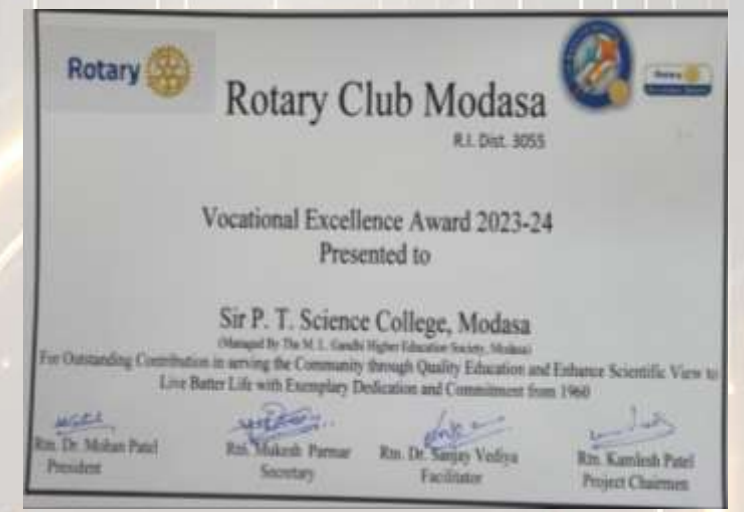


સદ્ભાવના સંદેશ
 RFD Reg. No. 125099 Reg. No. GUJGUJ/2012/52544
 Editor: Navroop Patel, Nitin Prabhu Modasa, જિ. અરવલ્લી (પુસ્તકાલય નં. ૧૨૧૭૩૪૪૪)
 અરવલ્લી જિલ્લા નું સોશિયલ મીડિયા અખબાર
 ૨૧૬ - ૩૫૮૨

રોટરી ક્લબ મોડાસા દ્વારા સર પી.ટી. સાયન્સ કોલેજ, મોડાસાને વોકેશનલ એક્સલન્સ એવોર્ડ, ૨૦૨૩ - ૨૦૨૪ આપવામાં આવ્યો.

સ.સ.તા.નજ... અમજ રોજ નવમલ્લી ના મોડાસા ખાતે રોટરી ક્લબ મોડાસા દ્વારા સર પી.ટી. સાયન્સ કોલેજ - મોડાસા ને વોકેશનલ એક્સલન્સ એવોર્ડ; ૨૦૨૩ - ૨૦૨૪ આપવામાં આવ્યો. આ પ્રસંગે સુભાષભાઈ શાહ (ઉપપ્રમુખ - મ.લા.ગાંધી ઉચ્ચશિક્ષણ સંસ્થા મોડાસા), વિનયીપાલ ડો.કે.પી.પટેલ અને પ્રાધ્યાપકો તથા કર્મચારીઓ ગૌરવ વિધાયીત્વો અનુભવ કરાવે ઉપસ્થિત રહ્યા હતા. રોટરી ક્લબ મોડાસાના પ્રમુખ - રોટે.ડી.એમ.કે.પટેલ, સેક્રેટરી - રોટે.મુકેશ પરમાર, ફેસર - રોટે.ડી.સંજય વેદ્યા, મોજેસ્ટ નેરવેન - રોટે.કમલેશ પટેલ, રોટે.ડી.મોહન પટેલ, રોટે.ડી. સંકુમુદન જાનગીડ દ્વારા ૧૬૨૯૦૦૧ ક્રાંતિ અને સૌકરણ સંસ્થાને એવોર્ડ આપવામાં આવ્યો હતો.

નીતિન પંડ્યા...



VOCATIONAL EXCELLENCE AWARD 2023-24 BY ROTARY CLUB MODASA



ઉદ્યોગ સાહસિકતા સપ્તાહની ઉજવણી

મોડાસા : મ.લા. ગાંધી ઉ.કે. મંડળ મોડાસા સંચાલીત કોલેજો અને સ્વદેશી જાગરણ મંચ અરવલ્લી દ્વારા યુવાઓમાં ઉદ્યોગ સાહસિકતા વિકસીત થાય તે હેતુથી બૌદ્ધિક વ્યાખ્યાનનું આયોજન કરવામાં આવ્યું હતું. જેમાં ૨૫૦ ઉપરાંત યુવાઓ, અધ્યાપકો તથા આચાર્યો સામેલ થયા હતા. આ પ્રસંગે સાયન્સ કોલેજને સન્માનિત કરવામાં આવી હતી. જેમાં કોલેજ કેમ્પસના ઉપપ્રમુખ સુભાષભાઈ શાહે સાયન્સ કોલેજના પ્રિ.ડા.કે.પી. પટેલને ટ્રોફી અને પ્રમાણપત્ર આપી સન્માનિત કરવામાં આવ્યા હતા.



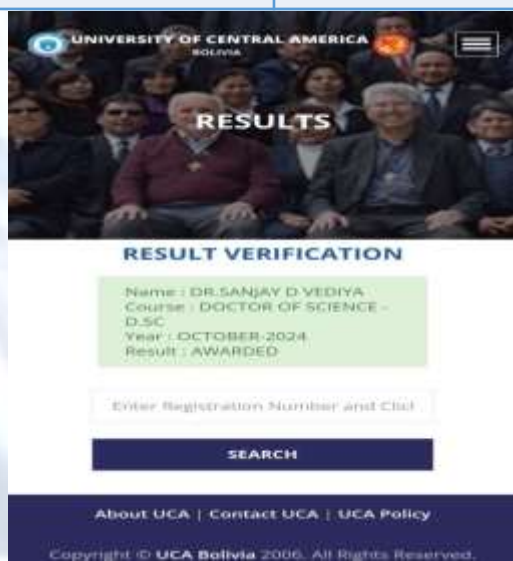
BEST PROMOTER INSTITUTE AWARD AWARDED BY SJM ARVALLI

Ph.D. RESEARCH FACILITIES

SR NO	NAME OF Ph.D. GUIDE	SUBJECT	Ph.D. STUDENTS	
			AWARDED	ONGOING
1.	Dr. K. S. PANDYA (RETD-2014)	CHEMISTRY	05	–
2.	Dr. S. D. VEDIYA	BOTANY	06	03
3.	Dr. S. V. PATEL	CHEMISTRY	04	04
4.	Dr. M. S. JANGID	BOTANY	04	04
5.	Dr. J. N. PATEL	CHEMISTRY	0	0
6.	Dr. T. M. PATEL	CHEMISTRY	02	02

NUMBER OF PROJECTS (UG AND PG STUDENTS)

YEAR	CHEMISTRY	BOTANY	PHYSICS	MATHS	MICRO	TOTAL
2019-20	80	21	*	*	*	101
2020-21	73	*	23	*	*	96
2021-22	76	*	17	*	*	93
2022-23	77	*	16	*	*	93
2023-24	94	22	21	41	54	232
Total	400	43	77	41	54	615



DR.SANJAY D. VEDIYA
D.SC
FROM UNIVERSITY OF CENTRAL
AMERICA

INFRASTRUCTURAL AND LEARNING FACILITIES

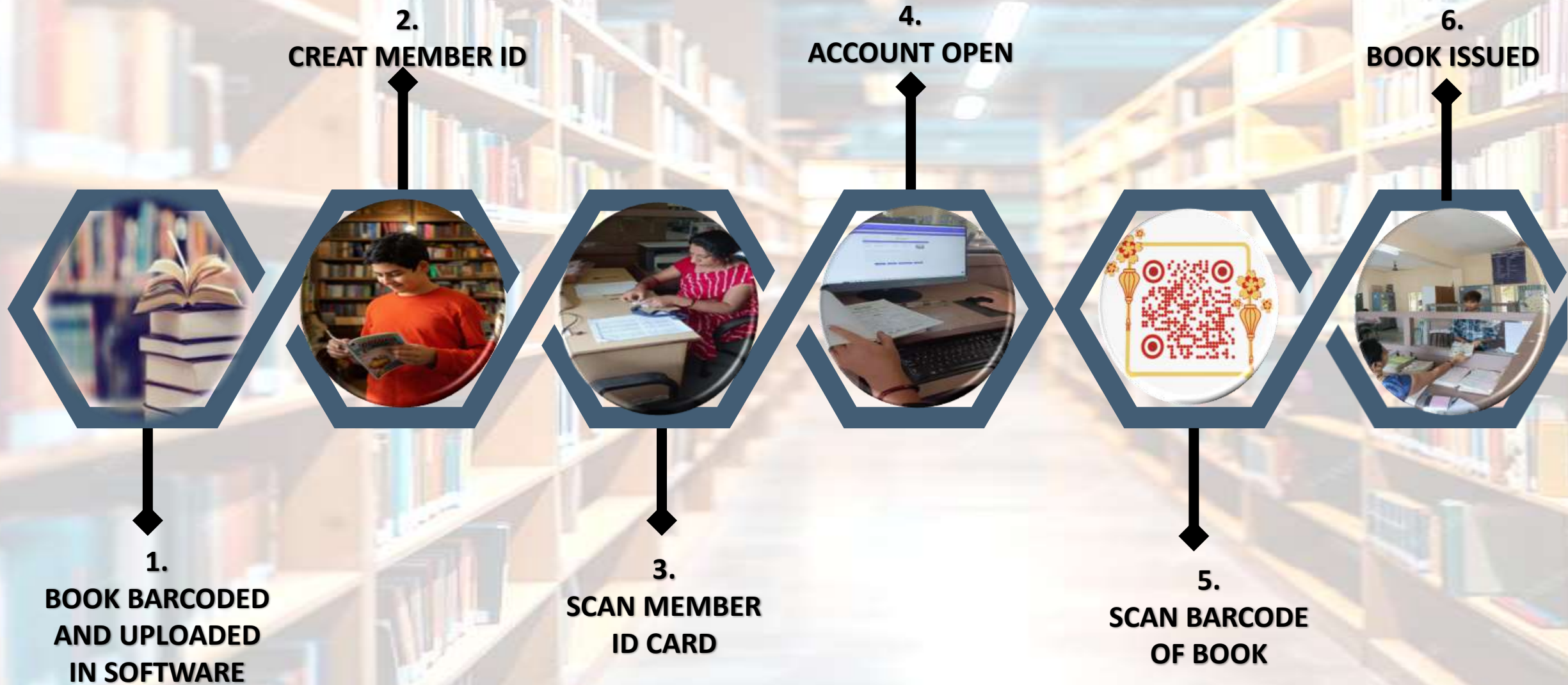
Sr No	Name of facility	No. Available
1	AV Smart Classrooms	08
2	Biology Museum	01
3	Botanical Garden	01
4	Campus Wi-Fi System	03
5	Career Guidance centre	01
6	CCTV Surveillance System (51 Camera)	03
7	Computer Lab	02
8	Classrooms	13
9	College Dynamic Website	01
10	Conference Room/Meeting Room	03
11	Digital Educational Learning Laboratory (DELL) (25 Computers)	01
12	Examination Room	01
13	Herbal Garden - a Botanical Garden	01
14	Hostel (Boys- Girls)	1+1
15	Internet Connections (40 to 100 Mbps)	07
16	Laboratories	12

Sr No	Name of facility	No. Available
17	Central Library & Reading Room	1+1=2
18	Departmental Library	5
19	Maths Lab (22 Computers)	01
20	NAMO Wi Fi Connections (100Mbps) for student	01
21	NCC Office	01
22	NSS Office	01
23	Research Laboratories	01
24	Shodh Incubation Centre(For Start Up and Innovation)	01
25	Atal Tinkering Lab	1
26	Seminar hall/Auditorium	01
27	Chemistry Store room	2
28	Safe Drinking Water facility	College & Campus central
29	Auditorium	Bhamasha Hall
30	Admin Building	Building A
31	Admission Office	Building A
32	Aluminai Support centre	Building A



PROPOSED GARDEN

LIBRARY AS A LEARNING RESOURCE



AUTOMATED LIBRARY SYSTEM (SOUL 3.0) ILMS

LIBRARY DETAILS

SR NO	TITLE	NO.
1	Total No Of Books	18802
2	Present No Of Books	18802
3	No Of Titles	10202
4	Newspapers	10
5	Total No Of Magazine and Journals	39
6	Dictionaries	47
7	Encyclopedias	175
8	Book Received Through gifts with Vivekananda corner	315
9	E books & E Journals	N-LIST
10	Library Software	SOUL 3.0
11	Ratio of Library Books to Students Enrolled(current year)	1:18
12	University syllabus Available(Old & New)	YES
13	University Exam. Paper sets(Soft & Hard copies)	LAST 9 YEARS
14	No of Projects Reports	In individual department
15	No of Back Volumes	267
16	Bills & Receipts(last 5 years)	Details

Sir P. T. Science College, Modasa
Central Library
Student Books Ratio

YEAR	Text Books	Reference Books	Total Books	Total Students	Student Books Ratio
2018-19	3920	7576	11496	1556	1:7
2019-20	3950	7577	11527	1406	1:8
2020-21	3950	7577	11527	1098	1:11
2021-22	4290	7577	11867	866	1:14
2022-23	4675	7638	12313	744	1:17
2023-24	4675	7669	12344	691	1:18

Student Book Ratio(2018-2024)

SR NO	YEAR	NO. OF STUDENT VISITED	NO. OF FACULTY VISITED
1	2018-2019	4765	325
2	2019-2020	7488	330
3	2020-2021	1243	353
4	2021-2022	2599	428
5	2022-2023	8195	520
6	2023-2024	7172	1053

LIBRARY USAGE

UPGRADED INTERNET FACILITIES

SR.NO	INTERNET CONNECTION	SPEED	PLACE
1	GTPL	40 MBPS	DELL LAB
2	GTPL(dell lab)	40 MBPS	BOTANY LAB
3	BSNL	100 MBPS	OFFICE
4	BSNL	60MBPS	SHODH LAB
5	BSNL	60MBPS	LIBRARY
6	BSNL (NAMO WIFI)	100MBPS	COLLEGE
7	AIRTEL	100 MBPS	CHEMISTRY DEPT.
8	Botany lab	50MBPS	BOTANY DEPT.

✓ INSTITUTE HAS TOTAL INTERNET SPEED OF 550MBPS

TOTAL INSTITUTION UPGRADATION

- ❖ 3 Classrooms with ICT facility are added.
- ❖ Library reading room
- ❖ Wi-Fi Internet speed increased from 60 MBPS to 100 MBPS.
- ❖ Mathematics computer Laboratory.
- ❖ SSIP and Girls room
- ❖ Chemistry Laboratories renovated.

5

Student Support and Progression

Student Support Process



PLAN OF ACTION

MEETINGS

Conducting periodic meetings of the committee to chalk out plan of action.

CONDUCTING TRAINING PROGRAMMES

Conducting training sessions on industry practices and professional approach by industry professionals, personality development trainings, interview answering skills and confidence building programs.

PROBLEM SOLVING INTERACTION

Interacting with unemployed ex- students to find probability of employment with reference of professionals.



SOCIAL WELFARE ACTIVITIES

Activities such as blood donation, health awareness programs, tree plantation, cleanliness drive etc.

REUNION

Re-unions of ex- students.

CELEBRATING SUCCESS

Felicitation of achievers.

CONTRIBUTION OF ALUMNI ASSOCIATION

PRIZE DISTRIBUTION BY ALUMNI



GUIDANCE FOR PREPARATION OF COMPETITIVE EXAMS BY ALUMNI



SEMINAR AND QUIZ SPONSERD BY ALUMNI



FINANCIAL SUPPORT BY ALUMNI



WOMEN EMPOWERMENT PROGRAM BY ALUMNI



PANCH PRAKALP BY ALUMNI



JOB FAIR BY ALUMNI



LATE DR. PRERAK R SHAH AND LATE KINJAL P SHAH



In the memory of **Alumni Late Kinjal P Shah**, Microbiology department had been established along with the kind **financial support** for microbiology department.



In Loving
MEMORY

FOREVER IN OUR HEARTS

SOFT SKILLS



**LANGUAGE AND
COMMUNICATION
SKILL**



**LIFE SCALE
YOGA and
PHYSICAL
FITNESS**



**LIFE SCALE
HEALTH
AND
HYGIENE**



**AWARENESS OF
TRENDS IN
TECHNOLOGY**



**LIFE SCALE
ENTREPRENEURIAL
SKILL**



**CAPACITY
DEVELOPMENT
AND SKILLS
ENHANCEMENT
ACTIVITIES**





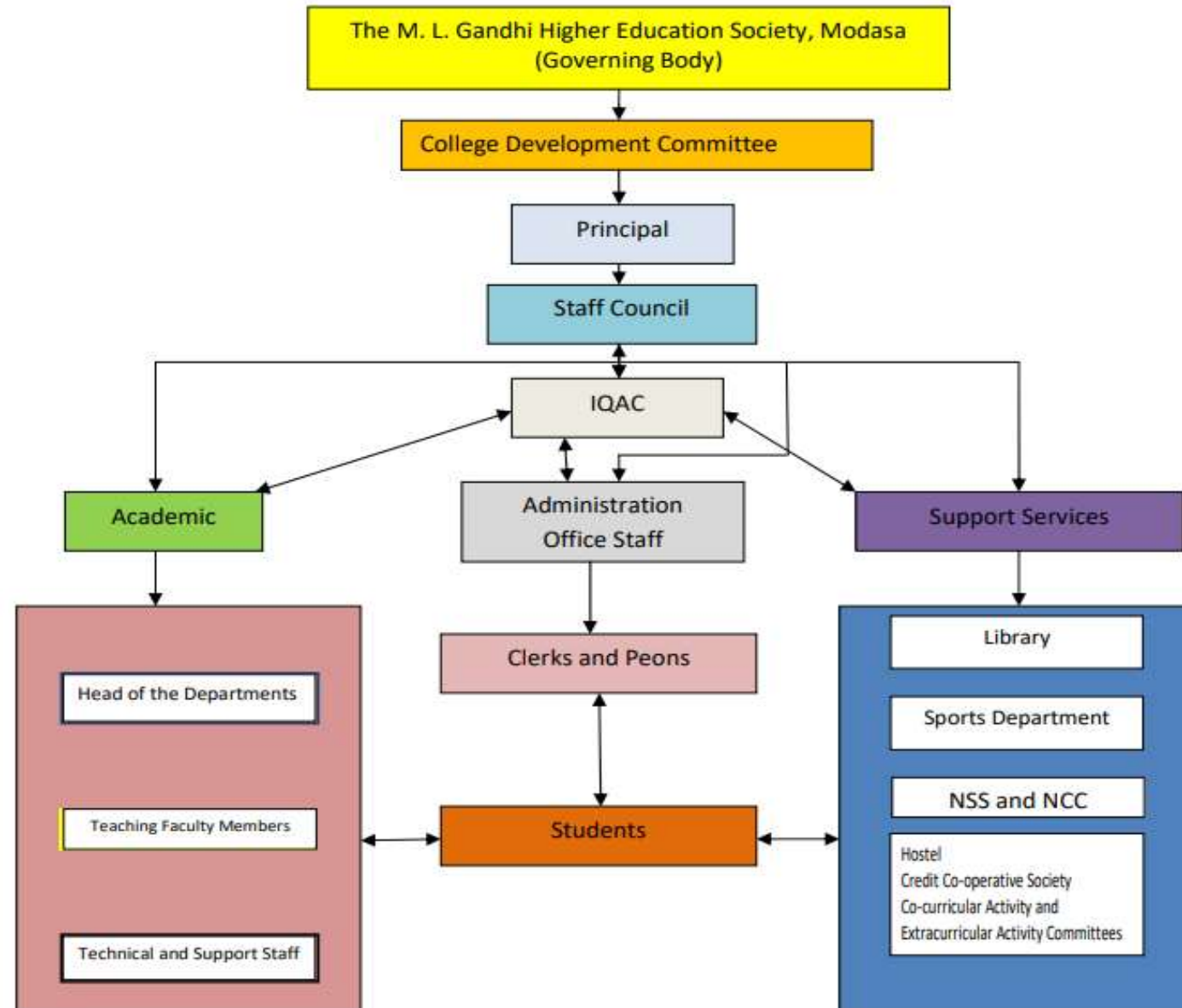
GOVERNANCE LEADERSHIP & MANAGEMENT

GOVERNANCE LEADERSHIP AND MANAGEMENT

INSTITUTIONAL VISION AND LEADERSHIP



INTERNAL ORGANIZATIONAL CHART



**GOVERNANCE,
LEADERSHIP AND
MANAGEMENT**

**INSTITUTIONAL
VISION AND
LEADERSHIP**



GOVERNING COUNCIL MEMBERS

SR. No.	Name	Designation
1	SHRI N.R.MODI	PRESIDENT
2	SHRI S.M.SHAH	VICE PRESIDENT AND SECRETARY
3	DR.K.P.PATEL	PRINCIPAL
4	PROF.G.L.VEKARIYA	IQAC CORDINATOR
5	DR.S.D.VEDIYA	HOD BOTANY
6	DR.R.H.PARMAR	HOD PHYSICS
7	DR.D.R.FUDANI	HOD CHEMISTRY
8	DR.V.R.PATEL	HOD MATHEMATICS
9	DR.K.M.PATEL	HOD MICROBIOLOGY
10	SHRI MAHASUKHBHAI PATEL	INDUSTRIALIST
11	SHRI RAJESH MAKWANA	ACCOUNTANT AND OFFICE ADMIN

GOVERNANCE, LEADERSHIP AND MANAGEMENT

NEP
2020



NEP 2020 implemented in June 2023

- Implementation of NEP-2020 & Curriculum & Credit Frame Work for UG Program as a move towards learner centric education 2023-24 onwards - Focus on Outcome Based Education (OBE)
- The NEP was implemented from the academic year 2023-24 in the institution as per the guideline of GOG and HNGU, Patan
- Dissemination of Universal Human Values Education in society
- In the direction of Academic Bank of Credits (ABC) the guidelines issued by the affiliating university is being implemented by the college and the registration process of students in ABC have been completed


NEP-2020 IMPLEMENTATION AWARENESS AND ORIENTATION PROGRAMMES

NEP 2020
IMPLEMENTATION
AWARENESS
PROGRAMMES

NEP
2020



INVITATION


SIR P.T.SCIENCE COLLEGE, MODASA
(NAAC Accredited B++ Grade, AAA Accredited A Grade)
MANAGED BY
THE M.L.GANDHI HIGHER EDUCATION SOCIETY, MODASA
IQAC Organized
STATE LEVEL SEMINAR ON
NEW EDUCATION POLICY-2020
23rd FEBRUARY 2021, 10 :00 AM

We take immense pleasure to inviting you to solicit your gracious presence on 23rd February 2021, 10.00 AM for the Faculty Awareness Programme on New Education Policy-2020.

Patron
Shri Navinchandra R Modi
President
The M.L.Gandhi Higher Education Society, Modasa

Guest of honour
Shri Surendrabhai J Shah
Hon. Secretary
The M.L.Gandhi Higher Education Society, Modasa

Eminent Speakers
Dr.Kartikey Bhatt, Asso. Professor, Arts, Science & Commerce College, Pilvai

Venue
Bhamasha Hall, College campus, Dhansura Road, Modasa-383315

Organizing Committee
Dr.S.D.Vediya
Cordinator,State level Seminar
Dr.M.P.Gongwala
Co-Cordinator,State level Seminar

Chair Person
Dr.K.P.Patel
Principal
Sir P.T.Science College, Modasa



YEAR - 2021

YEAR – 2023 and 2024

GOVERNANCE, LEADERSHIP AND MANAGEMENT

DECENTRALIZATION AND PARTICIPATION

The college commenced with the principle of inclusivity to accommodate all segments of society ensuring no one is left behind

A dedicated academic team under the leadership of the principal led the strategic and operational affairs of the institution

The principal is supported by the college committee, college council, and IQAC to design strategic, academic and operational plans

The institution ensures strategies for providing operational autonomy to all departments for the effective implementation of the curriculum through innovative teaching and learning practices

It ensures the freedom to conduct extension and outreach programs to fulfill the institutional vision through different Cells, Clubs, and Forums

The exam cell schedules the internal assessments and makes arrangements for university exams independently. All the departments, clubs, and cells have a financial budget prepared at the beginning of the academic year to have more financial freedom

The library committee has suggested purchasing books, journals, and e-contents based on the requirements. The IQAC is the body to make decisions on the quality of the overall functioning of the institution

DECENTRALIZATION AND PARTICIPATION



PERSPECTIVE PLAN

**GOVERNANCE,
LEADERSHIP AND
MANAGEMENT**

The Executive committee, IQAC and College Committee developed strategic goals during the every academic year. The perspective planning is aimed at transformational growth of the institution which ultimately results in the overall development of each student.

**IDP(INSTITUTE
DEVELOPMENT
PLAN)**

**INSTITUTIONAL
VISION AND
LEADERSHIP**

The planning involves dialogues and discussions with stakeholders and well-wishers.

It is planned in alignment with the vision and mission statements of the institution. Education and Academic Excellence, Tie-ups and Collaborations, Human Resource Development, Campus life, Research and development, Community engagement, Student success and placements and Finance are the stated Strategic Pillars of Perspective Plan.



STRATEGIC GOALS

Attract an excellent and diverse cohort of students.

Hire and retain talented and committed staff members.

Introduce and update governance and management systems and structures to support college operations.

Promote Innovations in Teaching and Learning.

Promote learning and professional development of both staff and students.

Enhance student employability and create placement opportunities.

Collaborate with educational institutions and industries on wide range of themes.

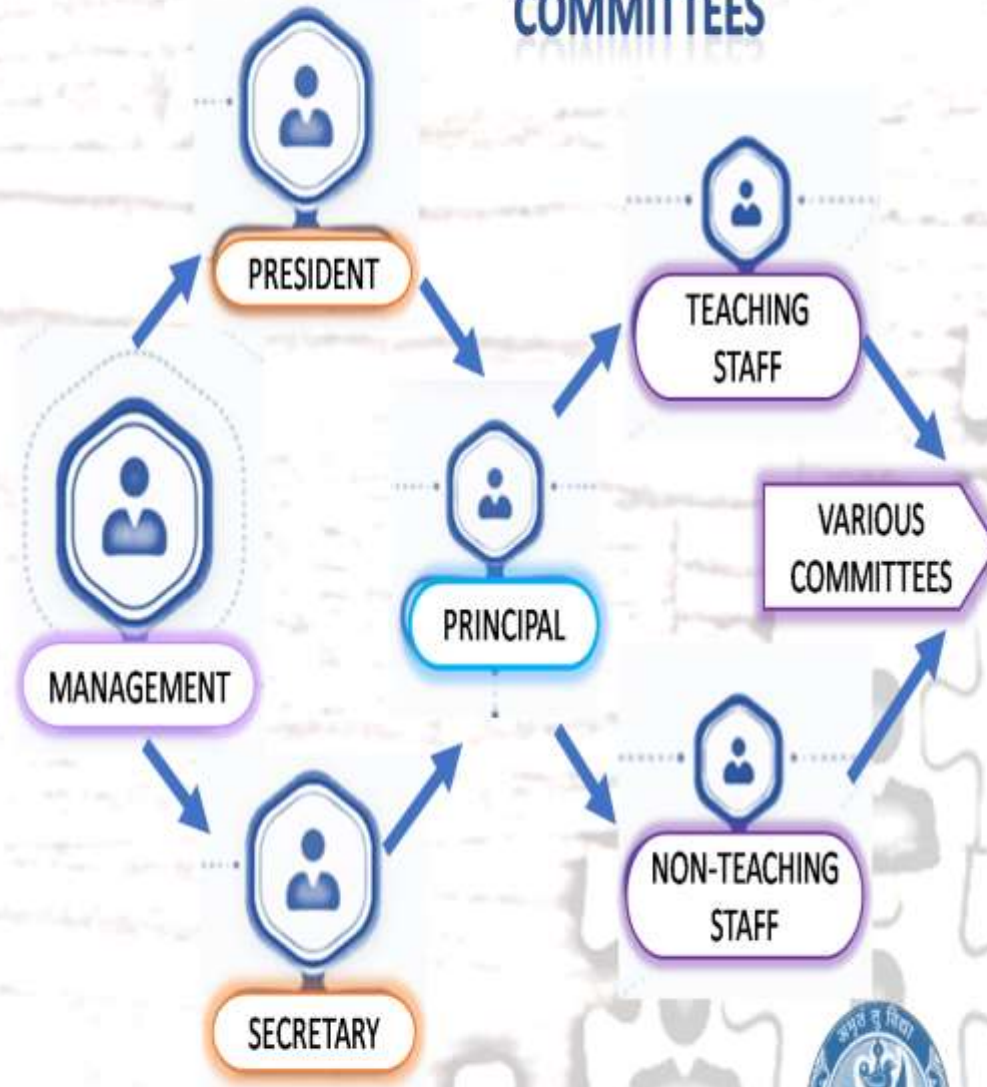
Conduct and engage in nationally and internationally relevant research activities.

Ensure operational sustainability. Provide an attractive learning and infrastructural facilities in the campus.

**Strategy
Development And
Deployment**



ADMINISTRATION AND FUNCTIONAL COMMITTEES



- STUDENT REPRESENTATIVE COMMITTEE
- EXAMINATION COMMITTEE
- UGC COMMITTEE
- IQAC & RUSA
- NAAC COMMITTEE
- LIBRARY COMMITTEE
- IT & WEBSITE MAINTENANCE COMMITTEE
- RESEARCH COMMITTEE
- UDISHA AND CAREER COUNSELLING CELL
- TIME TABLE AND ACADEMIC PLANNING COMMITTEE
- GYMKHANA – SPORTS COMMITTEE
- CULTURAL, YOUTH FESTIVAL AND SAPTDHARA COMMITTEE
- NSS AND NCC UNIT
- REPORTS, MEGAZINE & NEWSLETTER, MEDIA COMMITTEE
- CWDC & GENDER SENSIDIZATION COMMITTEE
- ANTI RAGGING COMMITTEE
- PREVENTION OF SEXUAL HARASSMENT COMMITTEE
- STUDENTS GUIDANCE AND GRIEVANCE REDRESSAL COMMITTEE
- AISHE, NIRF, GSIRF AND DATA MANAGEMENT COMMITTEE
- DISCIPLINE COMMITTEE
- SCOPE AND DELL LAB COMMITTEE
- SC/ST/ MINORITY CELL
- SWAMI VIVEKANAND VALUE EDUCATION CENTRE
- SSIP AND INNOVATION CLUB
- ALUMNI ASSOCIATION AND PARENTS, TEACHERS ASSOCIATION
- SHIBIR COMMITTEE



GOVERNANCE,
LEADERSHIP AND
MANAGEMENT

Strategy
Development and
Deployment



**Policies
And
Procedures**

Care Of
Property

Appointment
Service Rules
& Procedure

TRANSPARENT
PROCEDURE FOR
APPOINTMENT

Anti-Raging
Policy

Code Of
Conduct

Green
Campus
Policy

STRATEGY DEVELOPMENT AND DEPLOYMENT

100 % staff retention throughout the assessment years

2(f) & 12(b) recognition and GSIRF certification completed

NAAC accreditation regularly initiated

Add on and Certificate courses, Skill bank, Student start up and innovation

Streamlining teaching and learning process in tune with Outcome Based Education

Renovation of library and learning resource centre with state-of-the-art facilities

100% ICT enabled class rooms

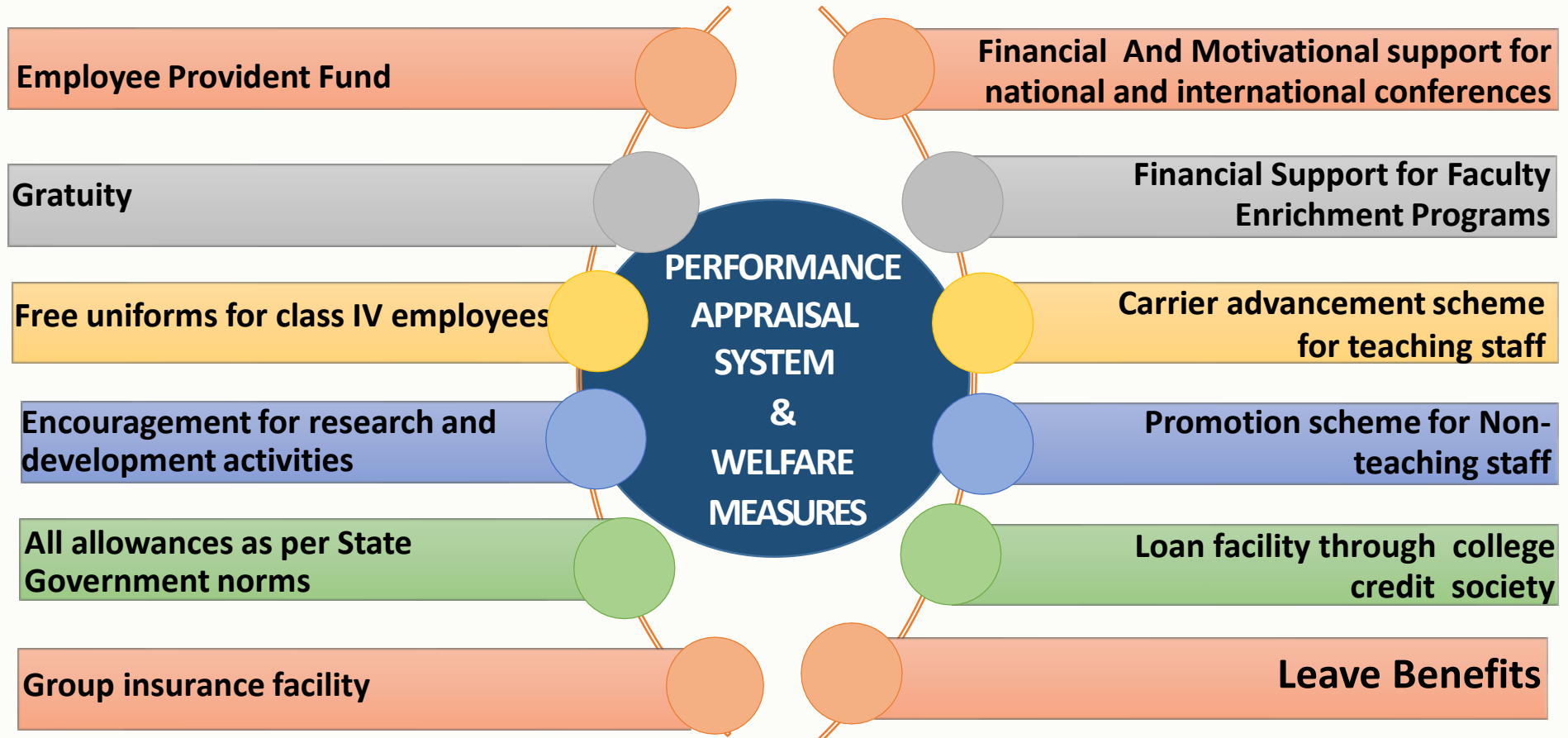
Green Initiative, Green Campus, Green College

MoU with Government of Gujarat, Education Department GKS, Industries, National Educational Association, NGO and other University and colleges

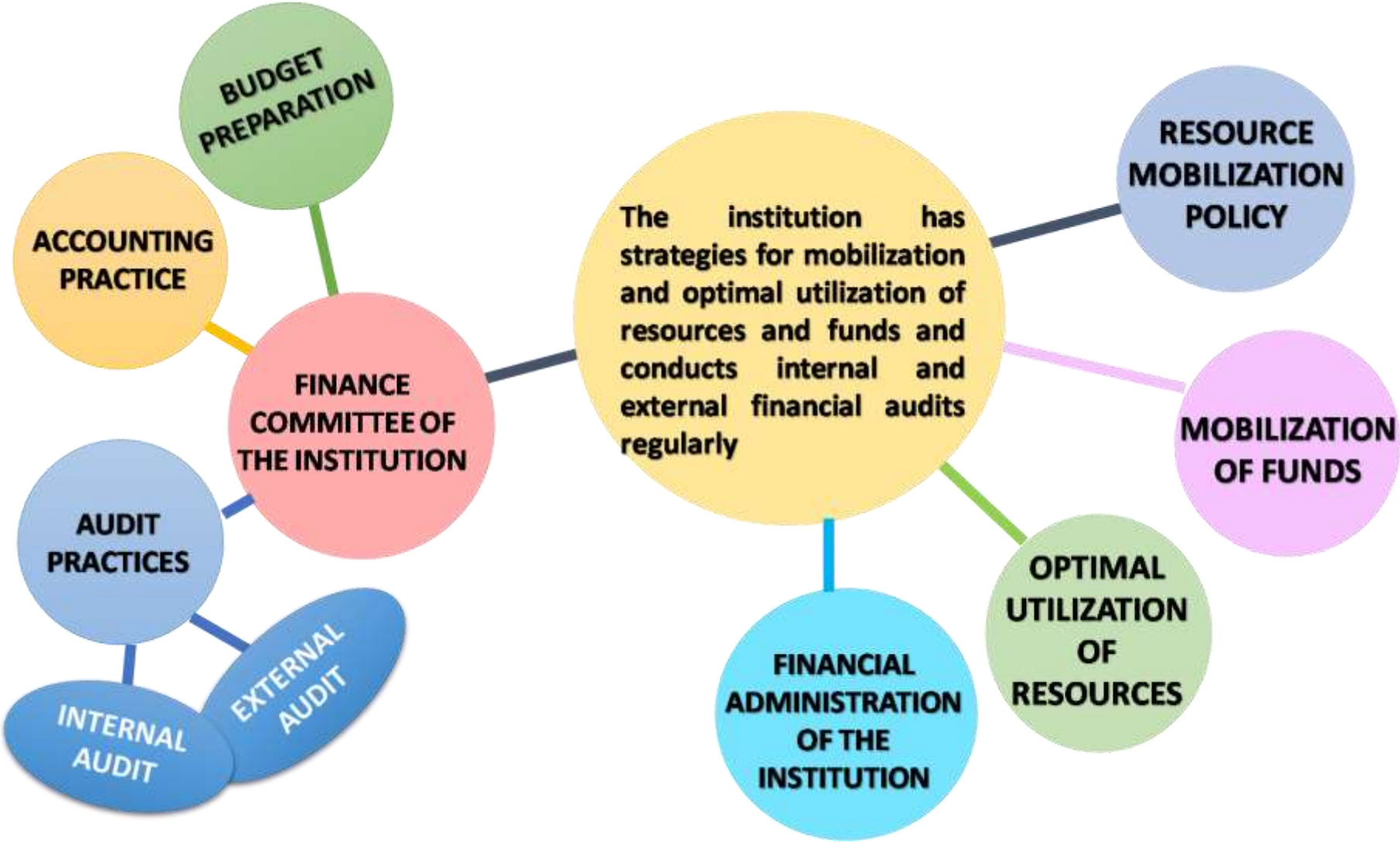
TCS Training Programs

Introduction of new University programs based on the Choice base credit system and NEP 2020

Faculty Empowerment Strategies



FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION



FUNDS FROM VARIOUS SOURCES(GOVERNMENT/NON GOVERNMENT ORGANIZATION)

GOVERNMENT		NON GOVERNMENT	
NAME OF HEAD	AMOUNT(RS)	NAME OF AGENCY	AMOUNT(RS)
PLACEMENT CELL	50,000	DHWARKESH HONDA	11,000
DEDF	50,000	ARYAN LIBRARY	11,000
AZADI KA AMRUT MAHOTSAV	27,000	SABRKANTHA BANK	10,000
PANCH PRAKALP	22,000	YAMUNA BACHAT BANK	2500
MAINTENANCE GRANT	5,15,885	SARVODAY SAHAKARI BANK	5000
FINISHING SCHOOL	8,50,000	GOPAL SNACKS	22,500
INNOVATION CLUB	5950	NAGRIK BANK,MALPUR	11,000
SSIP	20,00,000	SABAR DAIRY	25,000
NSS(2019-2024)	3,66,470	MODASA NAGARPALIKA	11,000
HNGU ASSESMENT DUMMY DISPATCH(2022-2024)	17,10,362		
HNGU EXAM THEORY(2018-2024)	15,26,797		
HNGU EXAM PRACTICAL(2018-2024)	56,55,781		
ZOOMKHU	2,00,000		
TOTAL	1,29,80,245	TOTAL	1,09,000

GOVERNANCE, LEADERSHIP AND MANAGEMENT

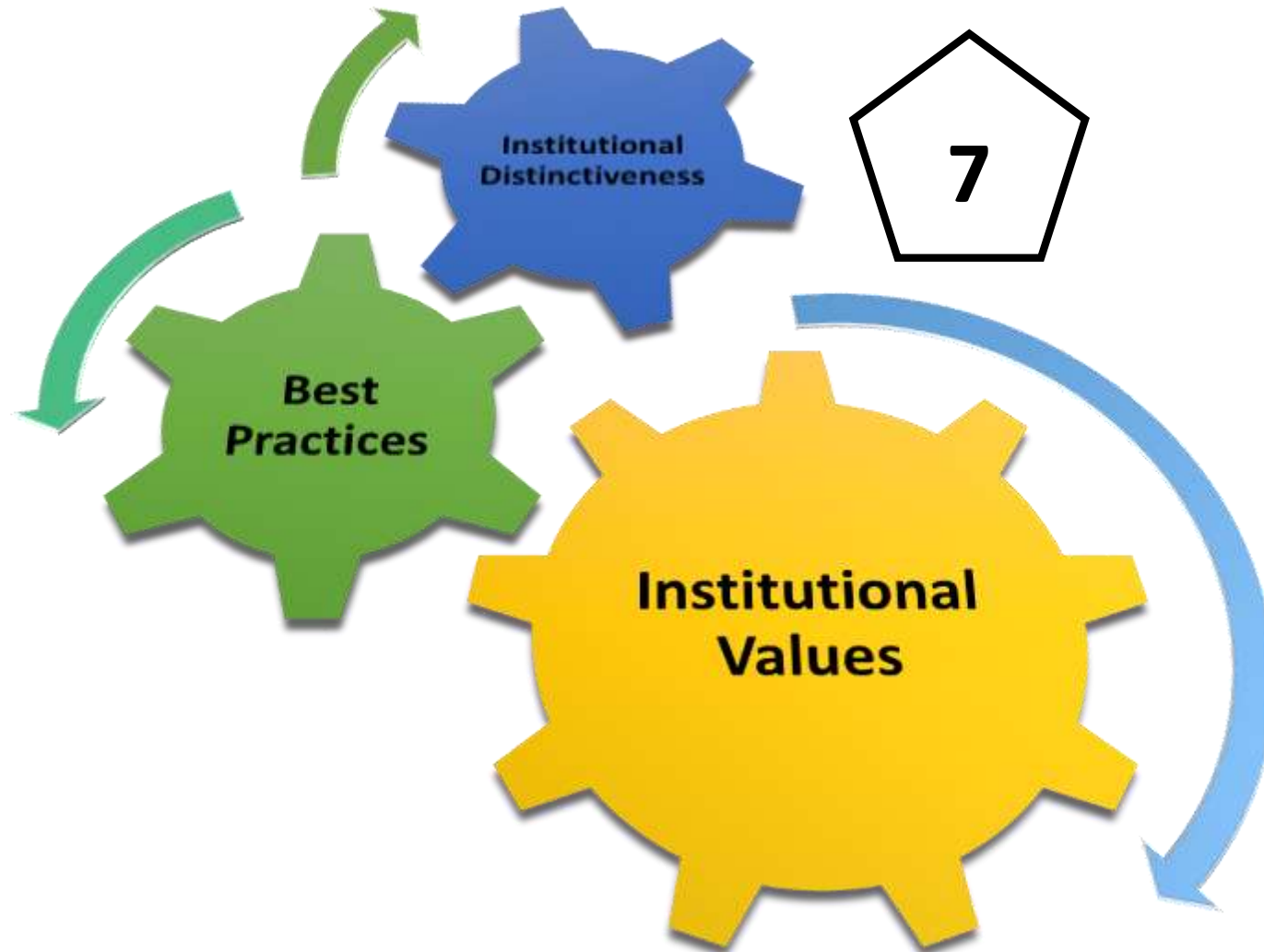


IQAC

Internal Quality Assurance Cell

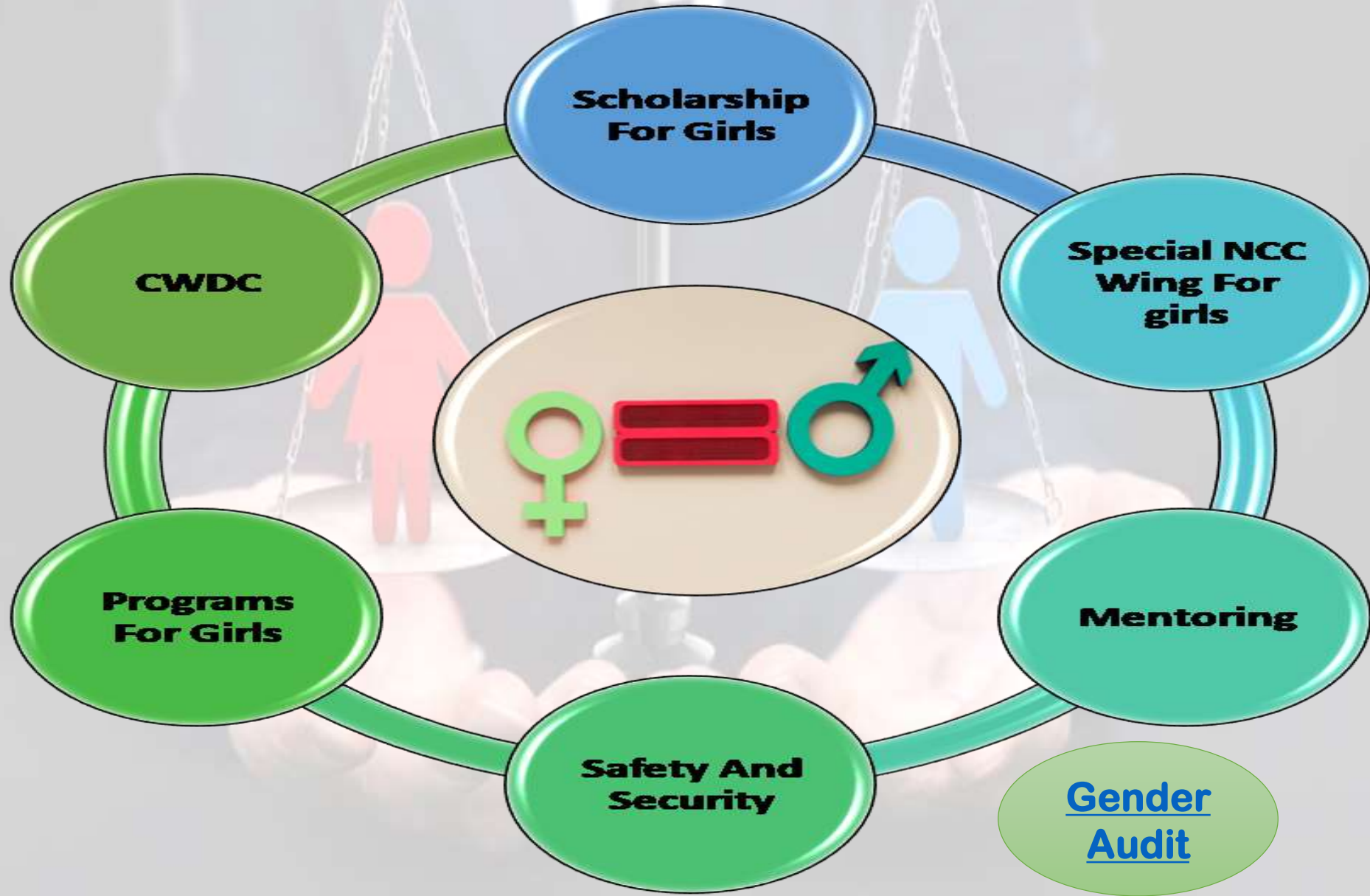


INSTITUTIONAL VALUES AND BEST PRACTICES



**INSTITUTIONAL
VALUES**

Measures initiated by the Institution for the promotion of Gender Equity



Gender Equity



INSTITUTIONAL
VALUES

**INSTITUTION HAS INITIATED THE GENDER AUDIT AND MEASURES FOR
THE PROMOTION OF GENDER EQUITY DURING THE LAST FIVE YEARS.**

Gender Equity



1	Women Development Cell	https://sirptsciencecollege.org/wp-content/uploads/2024/05/CWDC-final-vision-and-mission.pdf
2	Women Development Cell Educational Visits	https://sirptsciencecollege.org/media-news/women's day.mp4 National Women's Day अंतर्गत विज्ञान सङ्कर
3	Women Cell Events Report - Website Link	https://sirptsciencecollege.org/women-development-cell-wdc/
4	Gender Audit Report	https://sirptsciencecollege.org/wp-content/uploads/2024/05/Gender-Audit.pdf

INSTITUTIONAL VALUES



Measures initiated by the Institution for the promotion of Gender Equity



INSTITUTIONAL VALUES

Quality Audits



QUALITY AUDITS ON ENVIRONMENT AND ENERGY REGULARLY UNDERTAKEN BY THE INSTITUTION. THE INSTITUTIONAL ENVIRONMENT AND ENERGY INITIATIVES ARE CONFIRMED THROUGH THE FOLLOWING

1	Details of course related to Environmental Studies 05 Eg-121 Environmental Studies 88 Environmental Pollution 78 Air Pollution 90 Water Quality Analysis 74 Biodiversity 97 Climate Change 62 Pollution Microbiology	https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE_date_20-02-2021.pdf https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE-2020.pdf https://sirptsciencecollege.org/pdfs/Syllabus-of-various-Courses.pdf
2	Green Science: Empowering Sustainability Initiatives	Glimpse of Green Science Environment Sustainability UNO-17 Goals Sir P.T .Science College – Modasa (sirptsciencecollege.org)
3	Environment Audit report	https://sirptsciencecollege.org/wp-content/uploads/2024/05/Environment-Audit.pdf
4	Green Audit report	https://sirptsciencecollege.org/wp-content/uploads/2024/05/Green-Audit.pdf
5	Energy Audit report	https://sirptsciencecollege.org/naac-criteria-7/ https://sirptsciencecollege.org/wp-content/uploads/2024/05/Certificates.pdf

Institution Values And Responsibility



SR NO	Name Of Festival	SR NO	NAME OF FESTIVAL	SR NO	NAME OF FESTIVAL
1	Women's Empowerment Week	17	Coconut Day	33	Literacy Day
2	World Woman's Day	18	Daughters Day	34	Mother Language Day
3	International Day Of Women & Girl In Science And Technology	19	Teacher's Day	35	Librarians Day
4	Youth Day	20	Statistical Day	36	IPR Day
5	Voter's Day	21	Innovation Day	37	Gandhi Jayanthi
6	Independence Day	22	World Heart Day	38	International microbiology day
7	Republic Day	23	Yoga Day	39	Mathematics day
8	Human Rights Day	24	Global Hand Wash Day	40	National Science Day
9	Kargil Vijay Divas	25	Ethnic Day	41	Earth Day
10	Environmental Day	26	Suicide Prevention Day	42	World No-Tobacco Day
11	Minority Rights Day	27	Day against drug abuse and illicit trafficking	43	World Ozone Day
12	Happiness Day	28	Drug Abuse Day	44	National Environment Month
13	World No Tobacco Day	29	National Library Day	45	National Pollution Prevention Day
14	World Music Day	30	National Reading Day	46	Technology Day
15	Organic Day	31	Malala Day		
16	Pollution Control Day	32	Girl Child Day		

INSTITUTIONAL VALUES

THE INSTITUTIONAL EFFORTS/INITIATIVES IN PROVIDING AN INCLUSIVE ENVIRONMENT I.E., TOLERANCE AND HARMONY TOWARDS CULTURAL, REGIONAL, LINGUISTIC, COMMUNAL SOCIOECONOMIC AND SENSITIZATION OF STUDENTS AND EMPLOYEES TO THE CONSTITUTIONAL OBLIGATIONS: VALUES, RIGHTS, DUTIES AND RESPONSIBILITIES OF CITIZENS

1	COVID Awareness Vaccination Drive	https://sirptsciencecollege.org/covid-19/
2	Details of course related to Human Values And Professional Ethics	02 Human Society & Ethics 12 Social Ethics 14 Eg-222 Human rights 06 Eg-122 Disaster Management https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE_date_20-02-2021.pdf https://sirptsciencecollege.org/wp-content/uploads/2024/05/BSC_CBCS_COMBCODE-2020.pdf https://sirptsciencecollege.org/pdfs/Syllabus-of-various-Courses.pdf
3	Activity report of Nature Club, NSS, NCC	https://sirptsciencecollege.org/co-curricular/ https://sirptsciencecollege.org/pdfs/NCC_REPORT_YEAR.pdf

Values, Rights & Responsibilities



INSTITUTIONAL VALUES, RIGHTS & RESPONSIBILITIES

INSTITUTIONAL VALUES



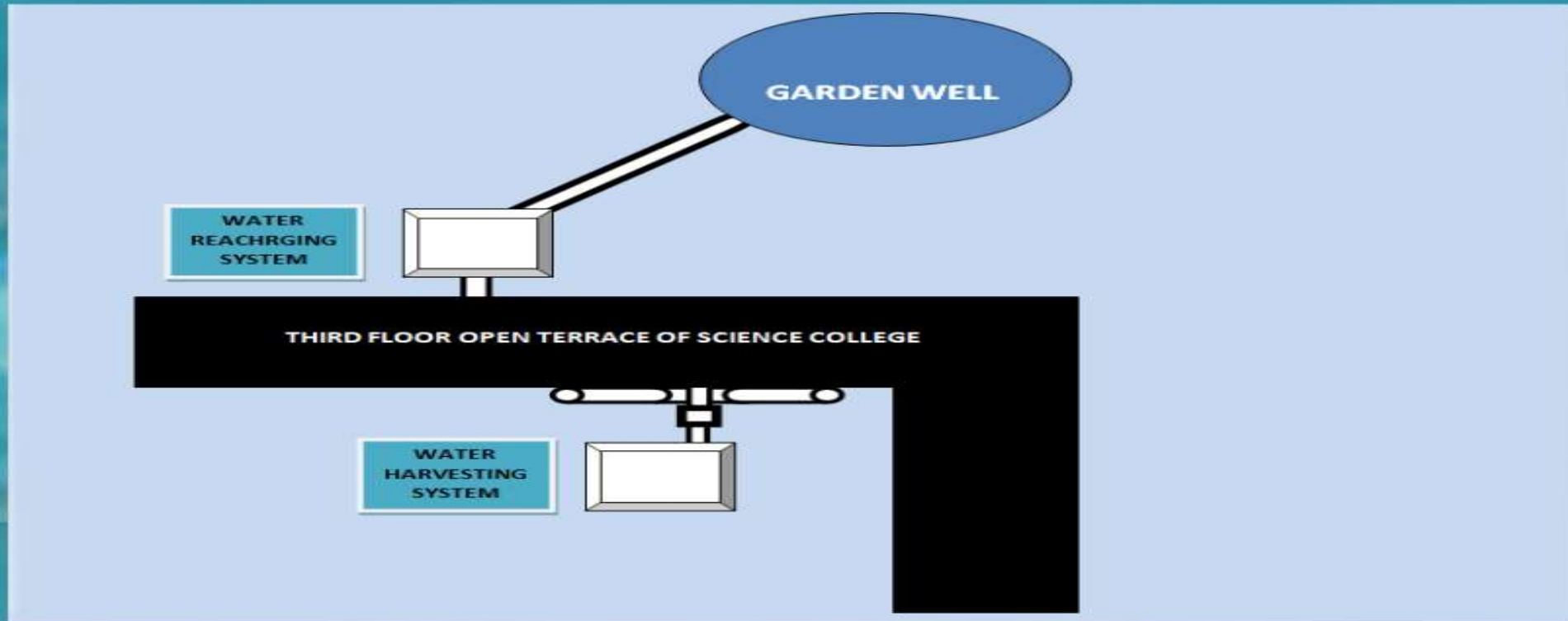
Latitude: 23.832101
Longitude: 72.391335
Elevation: 168.7688m
Accuracy: 4.3 m
Time: 05-08-2024 18:13
Name: mahesh.chorghate

Values, Rights & Responsibilities



SIR P.T. SCIENCE COLLEGE

RAIN WATER HARVESTING AND WATER RECHARGING



INSTITUTIONAL BEST PRACTICIES



Best practice 1: Initiative Name: “Green Science: Empowering Sustainability UN-17 GOALS”

**THE INSTITUTION
HAS ADOPTED
MEASURES FOR**

Saving Energy.

Eco-friendly
campus.

Rain-water &
waste-water
harvesting.

Trees and herbs
have been
maintained in
the campus.

Adoption of
Solar Energy
System.

OBJECTIVES



EDUCATION FOR
SUSTAINABLE
DEVELOPMENT (ESD)



RESEARCH FOR
SUSTAINABILITY



RESOURCE
EFFICIENCY AND
CONSERVATION



BIODIVERSITY
CONSERVATION



CLIMATE ACTION



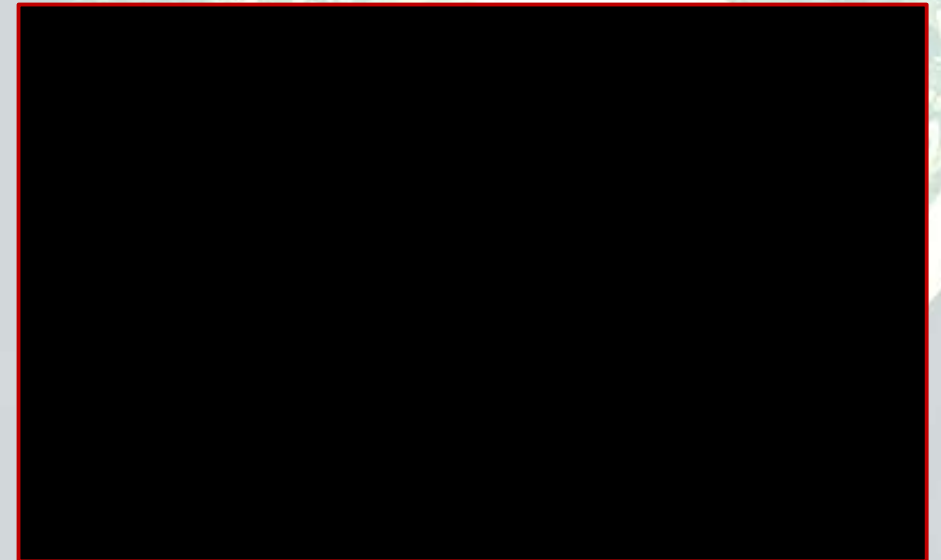
COMMUNITY
ENGAGEMENT AND
OUTREACH



MONITORING AND
REPORTING
PROGRESS



ENVIRONMENT AWARENESS PROGRAMMES





Sir P.T. Science College, Modasa
Nature Club & Science Circle
 College Campus.....
 Awareness Programme.....

A CELEBRATION
World Sparrow Day
20, March- 2019
 Sir P.T. Science College, Modasa



અરવલ્લીની દીકરીને નેશનલ ચિલ્ડ્રન સાયન્સ કોંગ્રેસ 2019 હરિદ્વારમાં બાજુ મારી, રાજ્યનો એકમાત્ર પ્રોજેક્ટ પસંદ



મોડાસાનો ઓ એચ.એલ. સરખલી વિજ્ઞાનમાં સભાગ દરમીયાન હોયો મનિષ્ય સહાયની બે વિદ્યાર્થીનીઓને સહાય સહાય સુનિષ્ચિત કરવાય સહાયનું રૂ. 500 લા

કાઉન્સિલ ઓન સાયન્સ એન્ડ ટેકનોલોજી દ્વારા માન્ય
 મ.વા.ગાંધી ઉચ્ચતર કેળવણી મંડળ, મોડાસા સંચાલિત
લોક વિજ્ઞાન કેન્દ્ર, અરવલ્લી

લક્ષ્મણ મહાદેવશાંતી બોલકોને ઈસરોની કામગીરી નિભાળી
15 અબજ કિ.મી. સુધી નિહાળી શકાય તેવું 'એસ્ટ્રોનોમિકલ ટેલિસ્કોપ'

જાણીતા ભારતીય મહાવિજ્ઞાનકર્તા ઈસરોના અધ્યક્ષ ડૉ. વી.કે. સરખલીએ જણાવ્યું હતું કે આ ટેલિસ્કોપ દ્વારા આશરે 15 અબજ કિ.મી. સુધી નિહાળી શકાય તેવું એસ્ટ્રોનોમિકલ ટેલિસ્કોપ બનાવવામાં આવશે. આ ટેલિસ્કોપને બનાવવામાં આશરે 15 અબજ ડોલરનો ખર્ચ થશે.

ઈસરોના આ ટેલિસ્કોપને બનાવવામાં આશરે 15 અબજ ડોલરનો ખર્ચ થશે. આ ટેલિસ્કોપ દ્વારા આશરે 15 અબજ કિ.મી. સુધી નિહાળી શકાય તેવું એસ્ટ્રોનોમિકલ ટેલિસ્કોપ બનાવવામાં આવશે.



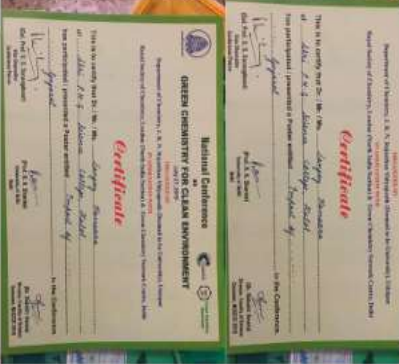
Jarar Samachar_Sabarkantha_2019-12-01

કરવી, દસના જથ્થા રાજધાની પરલા કાયમ રાખ્યા હતા.

ન્યુન ઘન બીડ

રાષ્ટ્રીય ખાલ વિજ્ઞાન કોંગ્રેસ હરીદ્વાર માં માટે ત્રણ પ્રોજેક્ટની પસંદગી

મોડાસા, તા. 30
 અરવલ્લી દ્વારા જિલ્લાના શ્રેષ્ઠ 10 પ્રોજેક્ટો યુજીસીસે ગાંધીનગર દ્વારા યોજાયેલી રાજ્યકક્ષાની રાષ્ટ્રીય ખાલ વિજ્ઞાન કોંગ્રેસ હરીદ્વારમાં યુજીસીસે વિદ્યાર્થીઓ અમદાવાદ ખાતે આજે ઘીલો હતો. એનસીએસટીસી અને ડીએસટી ઈન્ડિયા દ્વારા સીન ક્લોન સેલોનેશન માટે વિજ્ઞાન ટેકનોલોજી અને નાવિન્ય વિષય પર રાષ્ટ્રીય ખાલ વિજ્ઞાન કોંગ્રેસ હરીદ્વાર આવ્યાં ડીએમ્બર માસમાં યોજાયેલા રાજ્યના કુલ 330 પ્રોજેક્ટોની હરીદ્વારમાંથી શ્રેષ્ઠ અરવલ્લીના ખાલ વિજ્ઞાનમાં ત્રણ પ્રોજેક્ટ રાષ્ટ્રીય કક્ષા માટે પસંદગી પામતા મ.વા.ગાંધી ઉ.કે. મં. ના પ્રમુખ નવિનચંદ મોદી, સેક્રેટરી સુરેન્દ્રભાઈ સાહ સહિત વિદ્યાર્થી, શિક્ષકો અને અધ્યાપકોમાં ઉત્સાહની લહેર પ્રસરી હતી.









WORLD LION'S DAY CELEBRATION - 2020

Certificate of Appreciation

This is to certify that **GIRISH VEKARIA**

has participated successfully and awarded online World Lion's Day quiz competition, organized by Shree Dharmbhakti District Community Science Center - Gir Somnath, supported by Gujarat Council on Science & Technology (GUJCOST) DST, G.O., Gandhinagar.


 Your Score: **83%** Date: 7-8-2020

Nareish M. Gundaraniya
 Co-ordinator
 Shree Dharmbhakti District
 Community Science Center
 Gir Somnath.



NATIONAL PAPER BAG DAY

DAY Sponsored By Gujcost.

Paper Bag Day is celebrated on 12 July globally every year to make people aware about the use of paper bags that contribute to fight with climate change and environment pollution.








Gujcost,
 District Community Science Centre Aravalli
 and
 The M L Gandhi Higher Education Society
 Connecting People With Nature Responsibly.

JUNE 5

WORLD ENVIRONMENT DAY


 THINK GREEN





m.facebook.com

WICCI Gujarat STEM Education Council

Celebrating "World Sparrow Day" with Shri Narendra Faldia. Join in for FB Live NOW

Sci.Know.Tech is live now. 10 mins. @ Celebrating "World Sparrow Day" with Shri Narendra Faldia. Join in for FB Live

1 Share

Dishak Vekaria
Shooh SSP Incubation centre Sir P.T.



Sir P. T. Science College, Modasa

SIR P.T.SCIENCE COLLEGE, MODASA

CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT WORK ENTITLED "WORLD WATER WRITING COMPETITION" WAS COMPLETED BY THE STUDENTS OF SIR P.T. SCIENCE COLLEGE, MODASA ON 22/03/2022.

SR NO.	NAME	UNIVERSITY NO.
1.	ADITHYAN K. K.	200
2.	ADITHYAN K. K.	200
3.	ADITHYAN K. K.	200
4.	ADITHYAN K. K.	200
5.	ADITHYAN K. K.	200
6.	ADITHYAN K. K.	200
7.	ADITHYAN K. K.	200
8.	ADITHYAN K. K.	200
9.	ADITHYAN K. K.	200
10.	ADITHYAN K. K.	200

Signature of Head
Signature of Guide
Signature of Student



Note cam

Address: Modasa, Modasa, 385315, GJ, India

Latitude: 23°27'27"N

Longitude: 73°17'30"E

Altitude: 953.17 meters

Date: 01/04/2022 08:59 AM

Note: Sir P.T. Science College, Modasa 'No Plastic' - Save Environment Green Campus

Shot on vivo S1 AI Triple Camera



Certificate of Participation

IN ASSOCIATION WITH

GREEN NATIONAL CONFERENCE

IS PRESENTED TO

GIRISH L. VEKARIA

Co-ordinator
GEM, Modasa, Gujarat

As a participant of National Green Meeting Conference - 2018

20th June 2018

Vigyan Setu Foundation®
Bridging Science and Society

Certificate of Participation

Vigyan Setu Foundation® is pleased to present this certificate to **Girish Vekaria** for participating in the Slogan Writing Competition on **WORLD WATER DAY**

22 March 2022

Shri B.S. Vyas President
Dr. Meera Sharma Chairperson



Gujarat Environment Management Institute (GEMI)

Director

ATTN: MR. GIRISH VEKARIA

To whomsoever it may concern

The Gujarat Environment Management Institute (GEMI), an Autonomous Institute of Government of Gujarat, is pleased to present this certificate to you for your participation in the National Green Meeting Conference - 2018.

Signature of Director

Sir P. T. Science College

Signature of Head

Signature of Guide

Signature of Student

RESOURCE EFFICIENCY

ENVIORNMENTAL AWERNESS THROUGH SIGN LANGUAGE TO SPECIALLY BLESSED CHILDS

BIODIVERSITY CONSERVATION



Best practice 2: Science for Community

JILLA LOK VIGYAN KENDRA, ARAVALLI (CSC)

GUJCOST (DST) SPONSORED



OBJECTIVES OF THE PRACTICE

To inculcate scientific temper among the people and to generate and sustain a high level of general scientific awareness in the society.

To communicate / popularize science and technology in cities, urban and rural areas for the benefit of students and the common man.

To supplement formal science education in schools and colleges through out-of-school educational activities to foster a spirit of scientific enquiry and creativity among the students.

To organize training programs for science teachers/students/young entrepreneurs/technicians/ handicapped/housewives and others on specific aspects of science, technology and industry.

CSC REPORTS:

[2019-20](#)

[2020-21](#)

SCIENCE FOR COMMUNITY-CSC ARVALLI

EVIDENCE OF SUCCESS



SCIENCE FOR COMMUNITY-CSC ARVALLI



MOTO OF SOLAR ENERGY AND RENEWABLE AND GREEN ENERGY FOR ALL

PRESENTING PROJECT THROUGH MEDIUM OF CSC ARVALLI

INNOVATION AND SCIENCE DEMONSTRATION

Distinctiveness

**AN INITIATIVE : ATMNIRBHAR BHARAT THROUGH
INNOVATION**

SSIP & SHODH INCUBATION CENTER

[SIR-P-T-SCIENCE-MODASA-SSIP-13-AUG-21-.PDF \(SIRPTSCIENCECOLLEGE.ORG\)](https://www.sirptsciencecollege.org)

DEVELOPMENT

IDEA

COACH

POTENTIAL

PORTRAY THE PERFORMANCE OF THE INSTITUTION IN ONE AREA DISTINCTIVE TO ITS PRIORITY AND THRUST

INSTITUTIONAL DISTINCTIVENESS SHODH INCUBATION CENTRE

The contextual features and challenging issues that needed to be addressed in designing and implementing a STUDENT START-UP POLICY may vary depending on the specific goals and scope of the policy.

To empower students to become self-employed, job creators and contributors to economic growth and development.

Outreach and sensitize students for innovation and entrepreneurship.



To create a conducive environment for student start-ups, facilitating access to funding, mentorship, infrastructure and other essential support mechanisms.

To encourage and promote entrepreneurship among students, while also nurturing their entrepreneurial skills and capabilities.

To provide support and create an enabling ecosystem for student entrepreneurs.



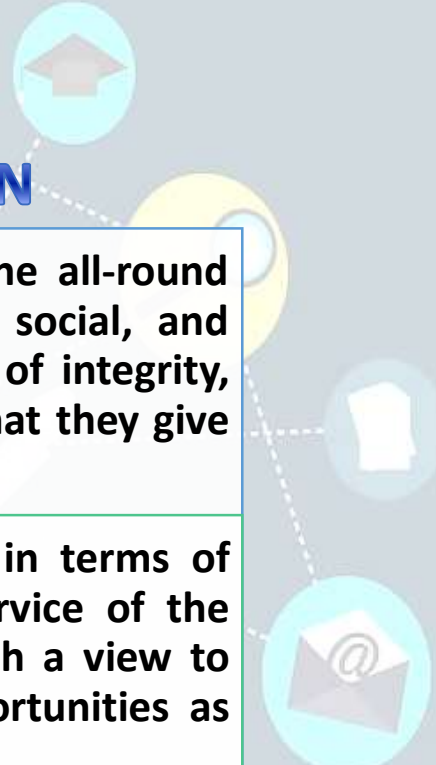
SHODH

OBJECTIVES, VISION MISSION

To provide students with an environment for the all-round development of their mental, physical, visual, social, and spiritual potentials, together with the attitudes of integrity, hard-work, honesty, fairness and tolerance, so that they give of their very best.

Excellence in these fields is to be interpreted in terms of putting the skills developed in each at the service of the socially discriminated groups in our country with a view to setting up a society where all have equal opportunities as children of god.

Our college mission with this spirit of sincerity, we believe in high standards of academic, professional, and societal performance.



'SHODH' INAUGURATED BY PADMASHRI PROF H.C.VERMA



3-D Printer Tinkering Lab SHODH Incubation Center

WORKSHOP ON INNOVATION TECHNOLOGY

SUCCESS STORIES OF INNOVATIONS



- [Prototype Workshop GEDA .mp4](#)
- [DD Nwes UVC Tower.mp4](#)
- [Rakshk UVC Wiper.mp4](#)
- [SSIP fest.mp4](#)
- [State Level Innovation Projects.mp4](#) *
- [Worshop 2.mp4](#)
- [airwing start up.mp4](#)
- [VIDEO\INNOVATION 2.mp4](#)
- [VIDEO\INNOVATION 5.mp4](#)
- [VIDEO\IPR INNOVATION.mp4](#)
- [VIDEO\SSIP.mp4](#)
- [VIDEO\SSIP 2.mp4](#)
- [VIDEO\ROCKET LAUNCHING.mp4](#)

Well established institute with excellent performance since 1960 .

College caters higher education to students from economically weaker section, socially backward, rural communities, dwelling in nearby tribal-rich villages.

Proactive, well qualified, experienced and dedicated teaching and non-teaching staff.

College has very good physical infrastructure, well equipped laboratories and adequate number of classrooms with ICT facilities.

The college has ambient environment for innovation ecosystem, start-ups, ideations , entrepreneurships, NCC, NSS and other extracurricular activities.

Noteworthy active collaborations and MoUs with the educational, research, industrial, government and non-government institutions.

The college provides value based education.

A fully automated library with reasonably good number of text books and reference books.

On-campus accommodation, Gymnasium and sports facilities available for students.

Complete Chain of courses from UG to Ph.D. (research) under one roof.

Enrolment of the good number of students to Add on and Value-added Courses.

Institute have 'Sandhan Classroom', Swayam, NPTEL, Amrita Virtual Lab, etc. BAOU, IGNOU study centre are available in the campus.

Institute provides Career, placement and Skill enhancement activities.

Limited scope for revisions and modifications in the curriculum and examination reforms at institute level due to administrative set up of the University.

The non-availability of industries in the nearby area compelling us to take the students to distant towns for their industrial visits and apprenticeship.

Alumni Association needs strengthening in terms of financial support from alumni and eventual provisions from the institute in general and students in particular.

Extension activities need regional expansion to receive recognition at the state and national level.

Single faculty Science College has limitations to offer skill components in linguistics and communication to the greater level.

Diverse Demography which reflects multi lingual, migrant, Tribal and downtrodden communities.

Rural learners are able to explore international exposure and career opportunities.

Student Start up and Innovation Policy under SHODH incubation Centre working under college is the most prospective platform to bring innovative ideas of the students and the faculties to reality and scale them up.

The addition of the new faculties in almost every department will lead to the conception of interdisciplinary research MoU established with various associations will be concretized by offering Internships and Student Exchange Programme.

Transformation of the ICT classrooms into the smart classrooms to enhance the enjoyable experience in the learning process.

Legacy of the excellence in Cultural Activities will be uplifted to the State and National Level.

Incorporation of dedicated schemes under Career Counseling and Entrepreneurship Development Cell to produce more employer as well as employable graduates.

Participation of the motivated faculties in workshops/training programmes at the National and International levels will cater resourcefulness to them.

The experimental aptitude of the faculties will make very affluent gelling into the forthcoming transformations due to enforcement of the NEP-2020.

Decreasing attendance in the classrooms due to excessive emphasis on online education and overuse of the digital gadgets.

Lack of orientation among rural parents about the relevance of higher education and career.

Opportunities Incorporation of changes or addition of the Skill Components in the existing curriculum devised by affiliating University.

Placement for the students with the graduate degree with Basic Sciences.

Costs applicable to publish research papers in the journals indexed in the Scopus/Web of Science, etc.

Research in the fundamental aspects of the sciences may not lead to the Patents.

Sustainability of the Science Innovation and Activity Centre due to paucity of funds.

Attracting international students due to regional limitations.

Tracking the progress of the students after completing their education at the institute is difficult.

Receiving the donations from the alumnus, philanthropists and making provisions of the scholarships

VISITED DIGNITORIES



PADMASHRI PROF.H.C.VERMA
IIT,KANPUR



DR. KUBER DINDOR
EDUCATION MINISTER,GUJARAT



SHRI BHUPENDRASINH CHUDASMA
EDUCATION MINISTER, GUJARAT



PROF. PRATAPSIKH CHAUHAN
VC-GGU



PROF. J. J. VORA
VC-HNGU



S.RANGA REDDY
TECHNOCRATE,IAF



PROF. SUDHIR PANDYA
DIRECTOR, PRL



SHRI BHAGYESH JHA
IAS



PROF. S. C. AMETA
PRESIDENT,
INDIAN CHEMICAL SOCIETY



DR.NAROTTAM SAHOO
ADVISER & MEMBER SECRETARY
GUJCOST-DST GUJARAT



PROF. P.S. JOSHI
TIFR, BOMBAY



PADMASHRI PROF.ANIL GUPTA
IIM, AHMEDABAD



DR. SUBHASH VADILAL
BRAHMBHATT
DIRECTOR OF SHREYARTH
UNIVERSITY, AHMEDABAD

DISTINGUISHED ALUMNI



DR. NAVIN SHETH
H'BLE MEMBER OF UGC



HON. JUSTICE D. A. JOSHI
GUJARAT HIGH COURT



RAMESHBHAI S. PATEL
INDUSTRIALIST



DR. JAYESH SHETH
INSTITUTE OF HUMAN
GENETICS, AHMEDABAD



DR. A. N. SHAH
TRUSTEE
MLGHES, MODASA



SHRI. M. V. SHAH
VICE PRESIDENT
MLGHES, MODASA



PROF. A. J. MODI
SECRETARY
MLGHES, MODASA



DR. K. P. PATEL
PRINCIPAL
SIR P. T. SCIENCE
COLLEGE, MODASA



DR. ARVIND PRAJAPATI
PRINCIPAL-GOVT. SCIENCE
COLLEGE, VADNAGAR



KINJAL MISHRA
POLITICAL EDITOR TV9



DYSP AKASH M. PATEL
VADODRA



JALPABEN BHAVSAR
MAYOR, MODASA

SHAPERS ARE SHAPED TOO...

**THANK YOU
NAAC PEER TEAM
FOR
YOUR KIND
MOTIVATION**

